

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
 Data File : BG045619.D
 Acq On : 5 Jun 2020 16:38
 Operator : CG/JU
 Sample : PB129333BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BS

Manual Integrations
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Quant Time: Jun 05 18:12:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	62550	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	244794	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	170060	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	404018	20.00	ng	0.00
76) Chrysene-d12	21.60	240	391236	20.00	ng	0.00
87) Perylene-d12	24.75	264	418914	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	525685	164.24	ng	0.00
7) Phenol-d6	7.15	99	732923	160.89	ng	0.00
23) Nitrobenzene-d5	9.11	82	466817	103.99	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	343562	157.97	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1032472	102.98	ng	0.00
79) Terphenyl-d14	19.96	244	1778895	106.05	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.40	88	71840	45.26	ng	95
3) Pyridine	3.81	79	167169	37.82	ng	96
4) n-Nitrosodimethylamine	3.72	42	75719	52.35	ng	94
6) Aniline	7.28	93	213077	35.83	ng	97
8) 2-Chlorophenol	7.52	128	192604	54.87	ng	99
9) Benzaldehyde	7.08	77	120921	40.74	ng	96
10) Phenol	7.17	94	250970	53.45	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	178701	48.80	ng	99
12) 1,3-Dichlorobenzene	7.84	146	208688	49.48	ng	98
13) 1,4-Dichlorobenzene	7.99	146	210190	50.50	ng	98
14) 1,2-Dichlorobenzene	8.30	146	197577	49.35	ng	97
15) Benzyl Alcohol	8.19	79	198331	52.70	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	166961	48.03	ng	97
17) 2-Methylphenol	8.42	107	172015	48.95	ng	97
18) Hexachloroethane	9.03	117	78816	49.44	ng	98
19) n-Nitroso-di-n-propylamine	8.76	70	156051	49.54	ng	96
20) 3+4-Methylphenols	8.75	107	231792	48.44	ng	96
22) Acetophenone	8.77	105	288573	49.74	ng	# 98
24) Nitrobenzene	9.16	77	243266	50.58	ng	97
25) Isophorone	9.68	82	430606	48.71	ng	98
26) 2-Nitrophenol	9.87	139	106956	51.99	ng	97
27) 2,4-Dimethylphenol	9.94	122	180439	59.13	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	236620	51.04	ng	99
29) 2,4-Dichlorophenol	10.42	162	192976	53.55	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	211615	49.70	ng	98
31) Naphthalene	10.81	128	576511	50.54	ng	99
32) Benzoic acid	10.12	122	102538	49.11	ng	94
33) 4-Chloroaniline	10.92	127	115237	24.17	ng	98
34) Hexachlorobutadiene	11.10	225	145519	48.35	ng	99
35) Caprolactam	11.70	113	66456m	50.24	ng	
36) 4-Chloro-3-methylphenol	12.07	107	215376	53.04	ng	99
37) 2-Methylnaphthalene	12.42	142	429516	50.52	ng	99
38) 1-Methylnaphthalene	12.63	142	411595	51.25	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	248519	52.32	ng	98

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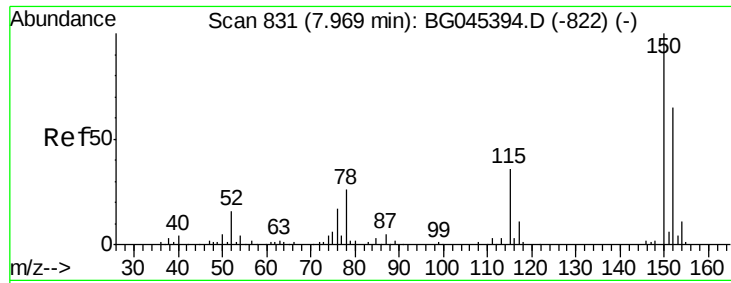
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	286509	104.50	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	169362	51.33	ng	98
44) 2,4,5-Trichlorophenol	13.12	196	180095	47.76	ng	99
46) 1,1'-Biphenyl	13.43	154	558361	53.43	ng	99
47) 2-Chloronaphthalene	13.47	162	419729	49.47	ng	99
48) 2-Nitroaniline	13.67	65	139302	49.91	ng	89
49) Acenaphthylene	14.32	152	706710	51.85	ng	99
50) Dimethylphthalate	14.05	163	578203	49.56	ng	98
51) 2,6-Dinitrotoluene	14.17	165	130236	49.47	ng	97
52) Acenaphthene	14.66	154	525123m	57.56	ng	
53) 3-Nitroaniline	14.50	138	82026	30.65	ng	99
54) 2,4-Dinitrophenol	14.71	184	158454	91.08	ng	99
55) Dibenzofuran	15.00	168	681368	50.29	ng	95
56) 4-Nitrophenol	14.85	139	201217	99.32	ng	94
57) 2,4-Dinitrotoluene	14.96	165	189341	49.66	ng	99
58) Fluorene	15.65	166	559860	50.30	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	169166	50.99	ng	98
60) Diethylphthalate	15.42	149	590533	48.63	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	313619	49.24	ng	99
62) 4-Nitroaniline	15.67	138	132149	47.30	ng	95
63) Azobenzene	15.93	77	573125	50.62	ng	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	124857	53.06	ng	94
66) n-Nitrosodiphenylamine	15.85	169	506295	52.19	ng	96
67) 4-Bromophenyl-phenylether	16.53	248	217325	49.68	ng	98
68) Hexachlorobenzene	16.66	284	237324	51.87	ng	99
69) Atrazine	16.81	200	192940	48.29	ng	98
70) Pentachlorophenol	17.00	266	263175	110.77	ng	97
71) Phenanthrene	17.39	178	914002	51.82	ng	100
72) Anthracene	17.47	178	939075	53.02	ng	98
73) Carbazole	17.75	167	860119	49.82	ng	99
74) Di-n-butylphthalate	18.31	149	1027483	49.58	ng	99
75) Fluoranthene	19.40	202	1158659	51.65	ng	100
77) Benzidine	19.58	184	509790	46.39	ng	100
78) Pyrene	19.76	202	1141194	51.17	ng	99
80) Butylbenzylphthalate	20.65	149	471709	49.00	ng	96
81) Benzo(a)anthracene	21.59	228	1118887	51.34	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	293970	34.39	ng	99
83) Chrysene	21.65	228	1073102	51.21	ng	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	665244	50.27	ng	97
85) Di-n-octyl phthalate	22.68	149	1112977	48.97	ng	99
86) Indeno(1,2,3-cd)pyrene	28.32	276	1396841	50.97	ng	# 96
88) Benzo(b)fluoranthene	23.75	252	1205581	53.66	ng	100
89) Benzo(k)fluoranthene	23.82	252	1127180	53.40	ng	99
90) Benzo(a)pyrene	24.61	252	1077790	51.51	ng	97
91) Dibenzo(a,h)anthracene	28.38	278	1146128	54.51	ng	97
92) Benzo(g,h,i)perylene	29.44	276	1149012	54.64	ng	97

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



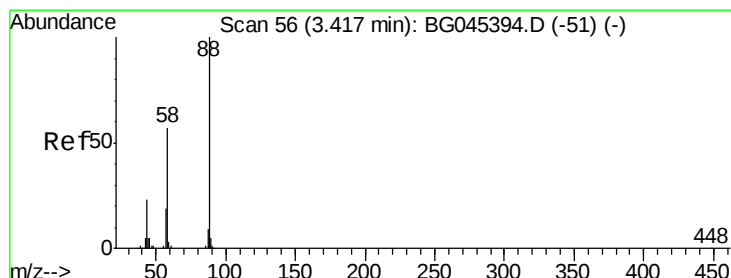
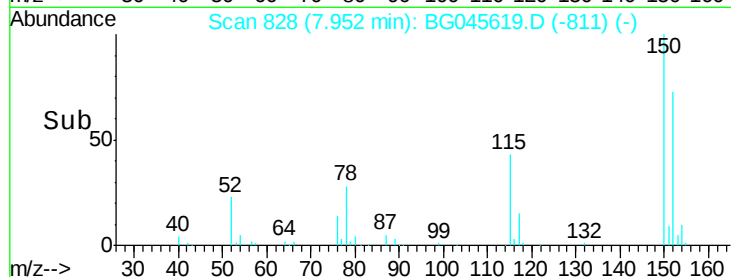
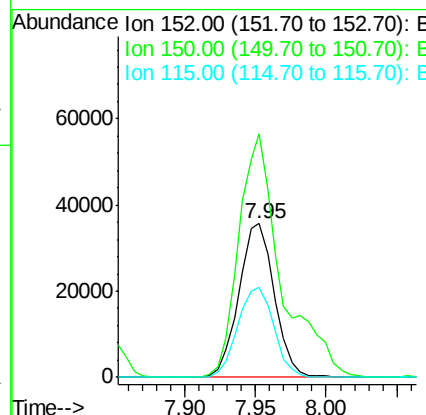
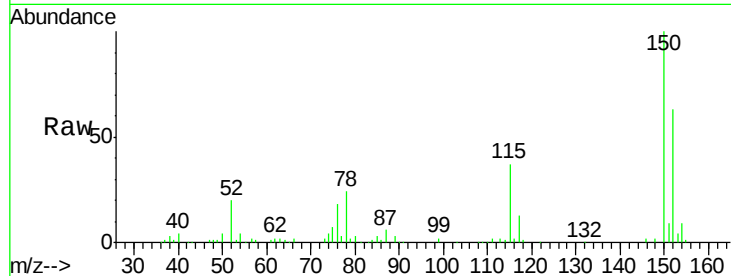
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG045619.D
 Acq: 5 Jun 2020 16:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.3	122.4	183.6
115	58.8	44.2	66.4

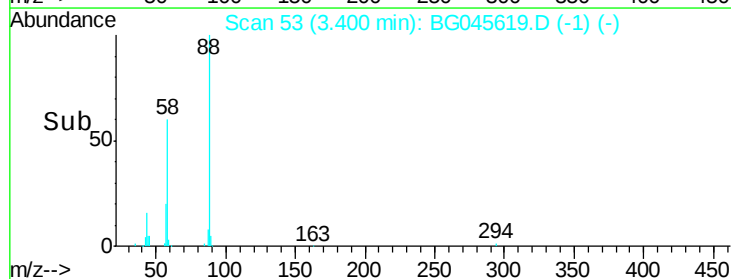
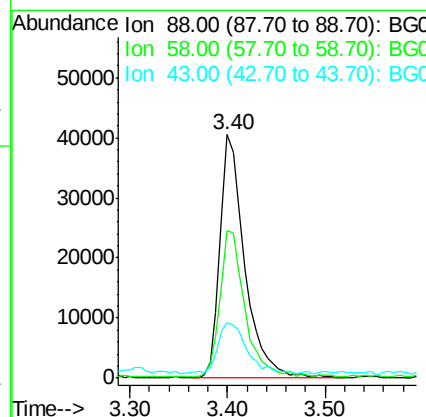
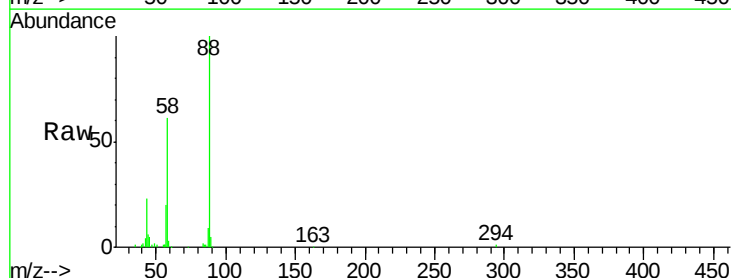
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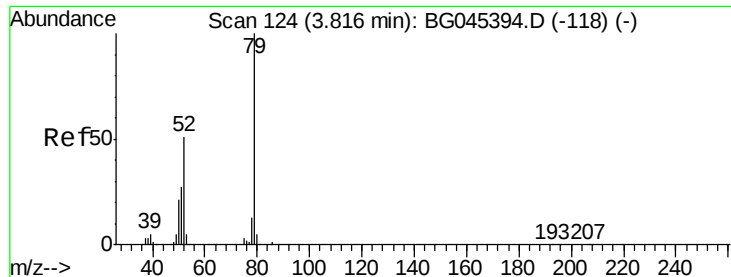
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#2
 1,4-Dioxane
 Concen: 45.26 ng
 RT: 3.40 min Scan# 53
 Delta R.T. 0.00 min
 Lab File: BG045619.D
 Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.1	45.7	68.5
43	24.9	16.8	25.2





#3

Pyridine

Concen: 37.82 ng

RT: 3.81 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG045619.D

Acq: 5 Jun 2020 16:38

Instrument :

BNA_G

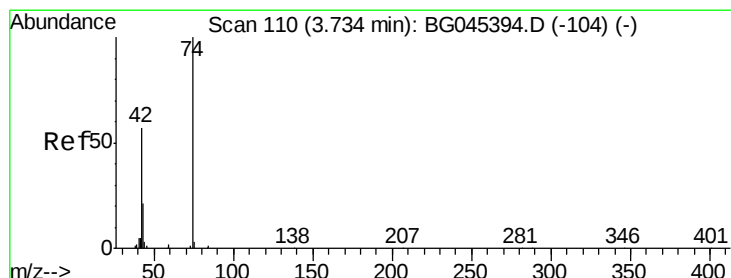
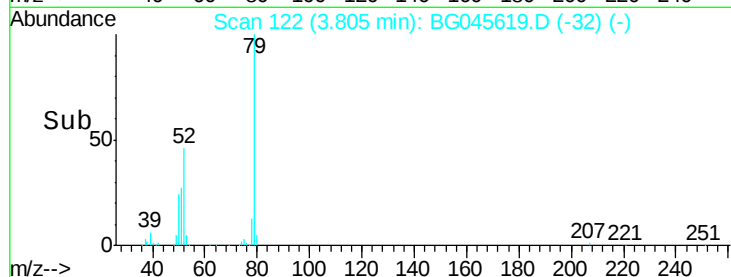
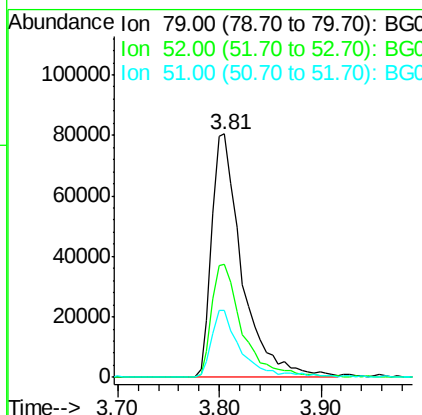
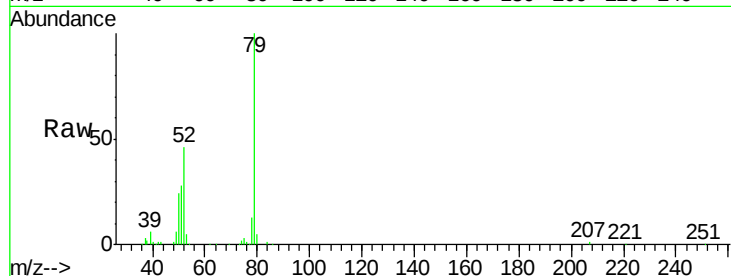
ClientSampled :

PB129333BS

Tgt Ion:	79	Resp:	167169
Ion	Ratio	Lower	Upper
79	100		
52	46.4	40.8	61.2
51	27.5	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 52.35 ng

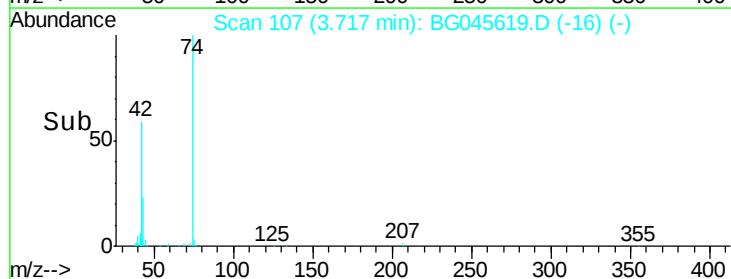
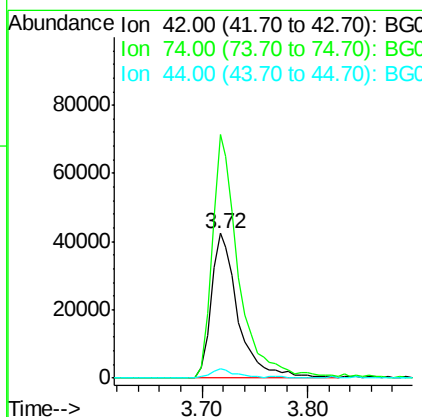
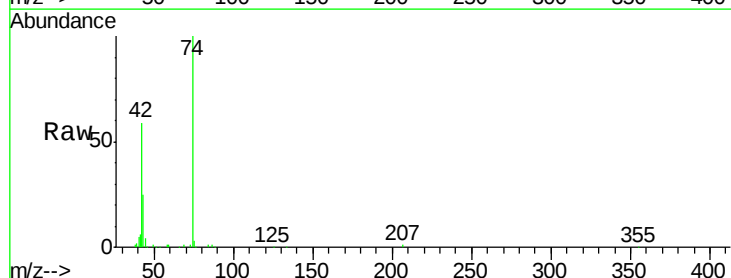
RT: 3.72 min Scan# 107

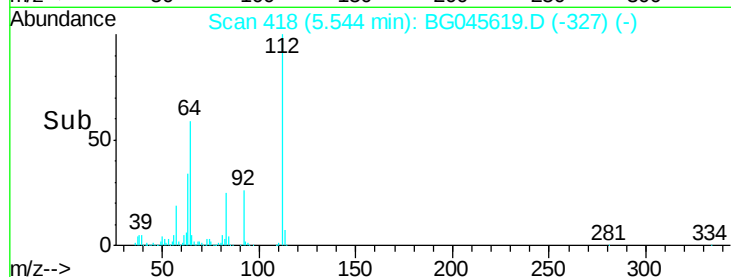
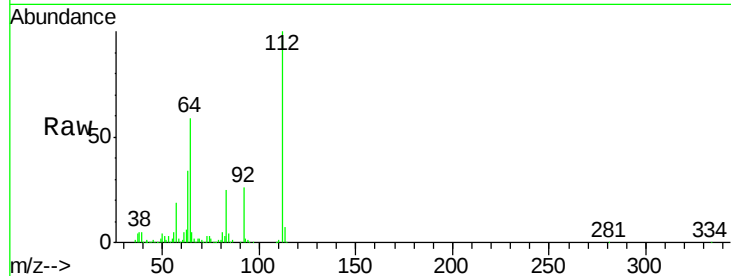
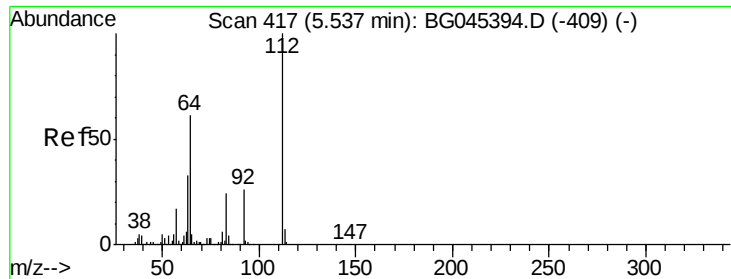
Delta R.T. 0.01 min

Lab File: BG045619.D

Acq: 5 Jun 2020 16:38

Tgt Ion:	42	Resp:	75719
Ion	Ratio	Lower	Upper
42	100		
74	168.2	141.3	211.9
44	6.2	4.2	6.4





#5

2-Fluorophenol

Concen: 164.24 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045619.D

Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	525685		
64	58.6	48.6	72.8	
63	34.2	26.5	39.7	

Instrument :

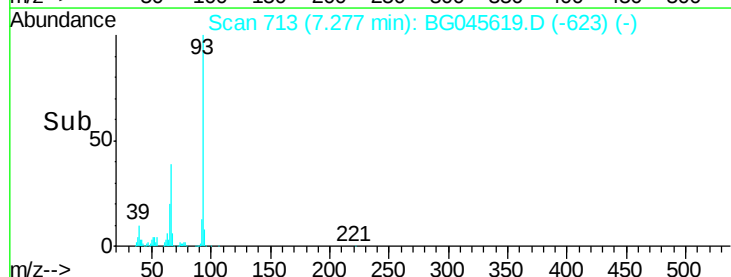
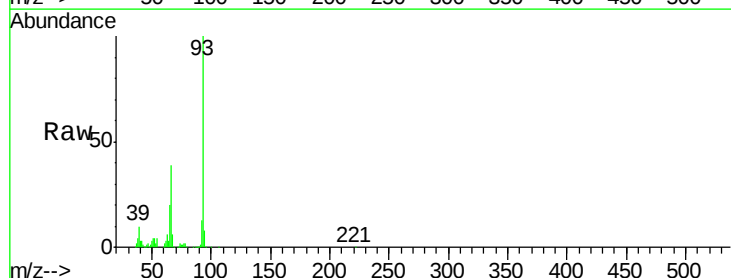
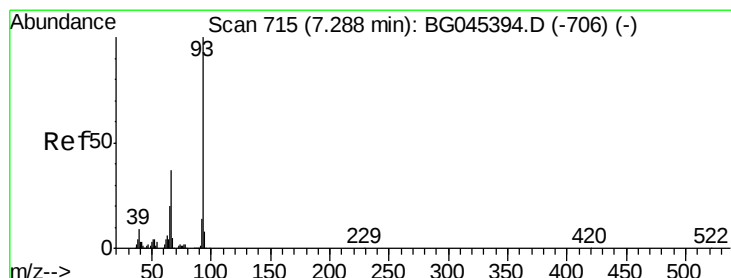
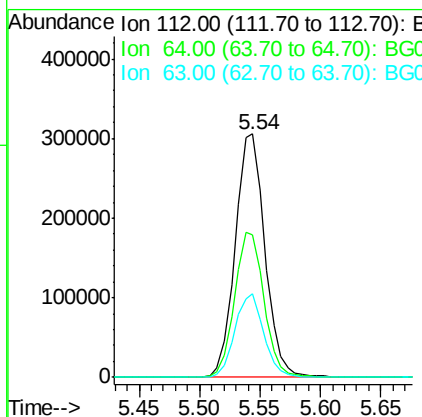
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#6

Aniline

Concen: 35.83 ng

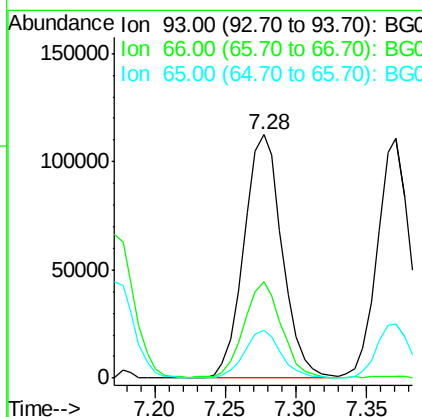
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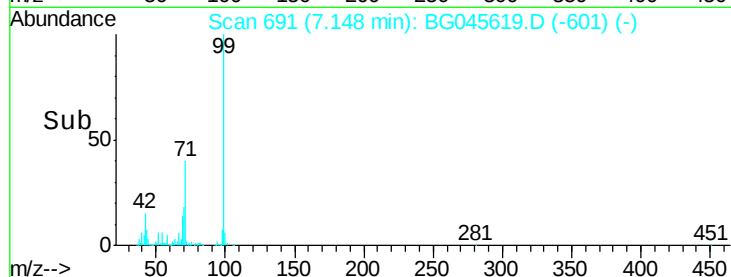
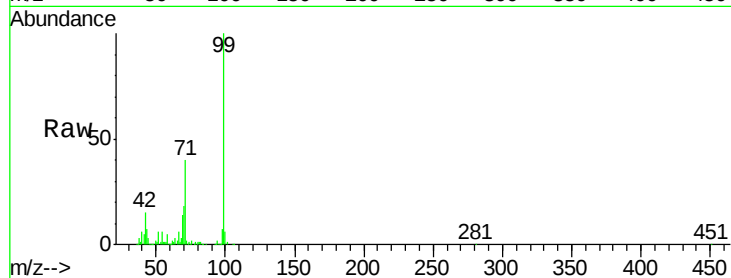
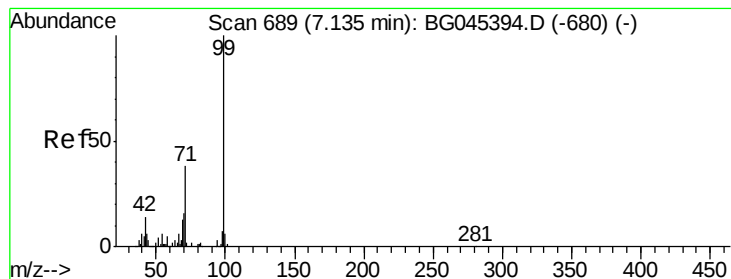
Delta R.T. 0.00 min

Lab File: BG045619.D

Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	213077		
66	39.5	29.6	44.4	
65	19.5	15.9	23.9	





#7

Phenol-d6

Concen: 160.89 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045619.D

Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	732923		
42	15.1	11.3	16.9	
71	40.0	30.8	46.2	

Instrument :

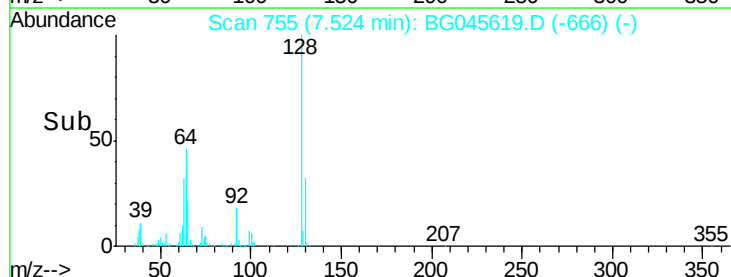
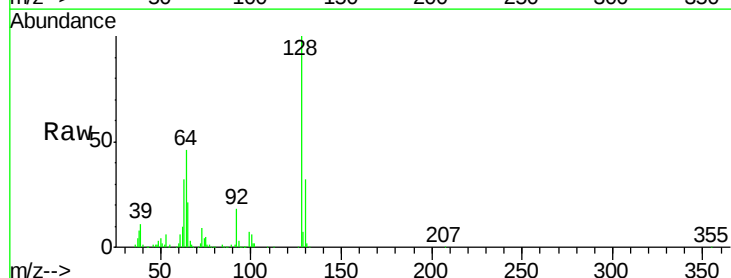
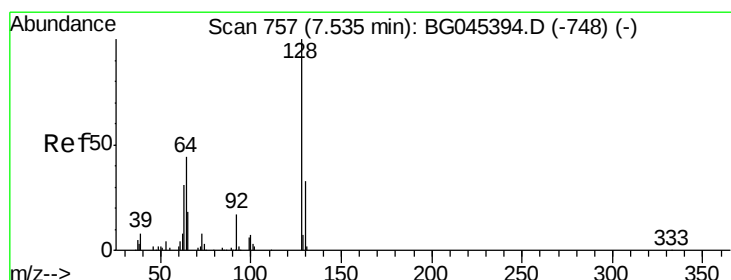
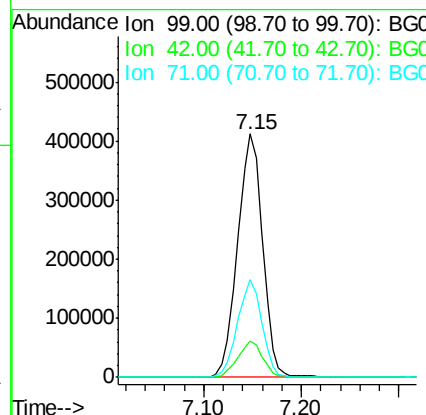
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#8

2-Chlorophenol

Concen: 54.87 ng

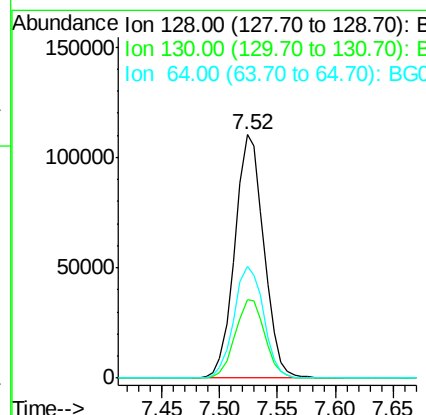
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Delta R.T. -0.00 min

Lab File: BG045619.D

Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	192604		
130	32.3	12.6	52.6	
64	45.8	27.0	67.0	





#9

Benzaldehyde

Concen: 40.74 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045619.D

Acq: 5 Jun 2020 16:38

Instrument :

BNA_G

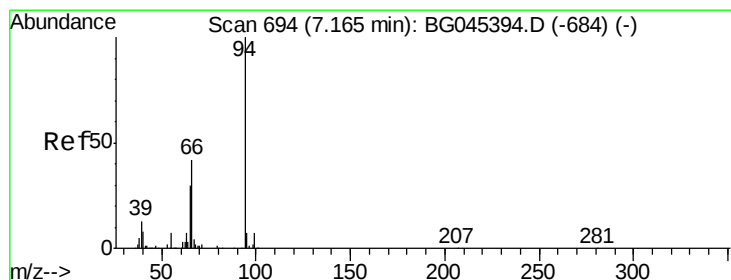
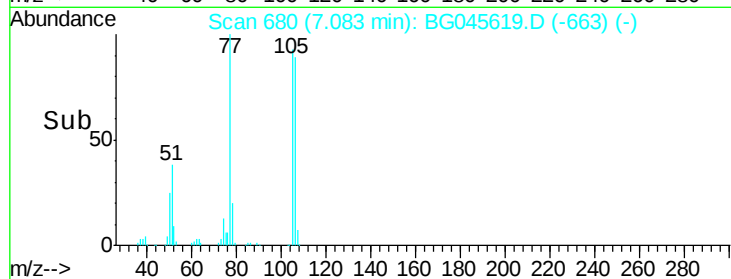
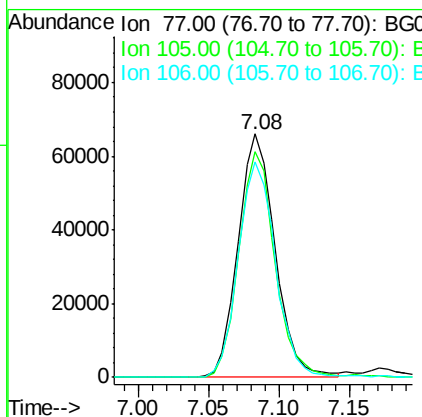
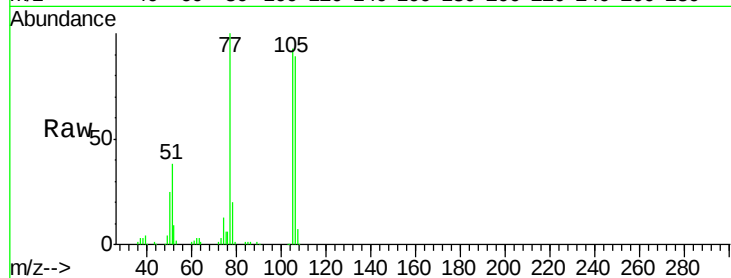
ClientSampleId :

PB129333BS

Tgt Ion:	77	Resp:	120921
Ion Ratio	Lower	Upper	
77	100		
105	92.9	68.5	108.5
106	88.7	71.6	111.6

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#10

Phenol

Concen: 53.45 ng

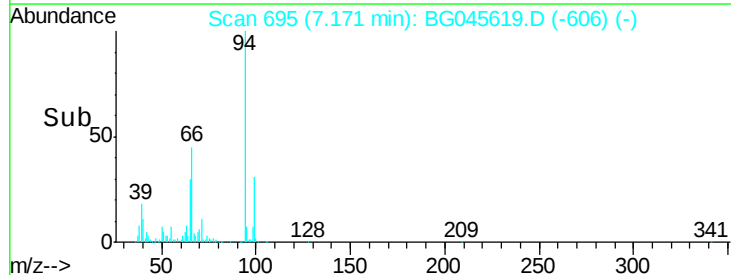
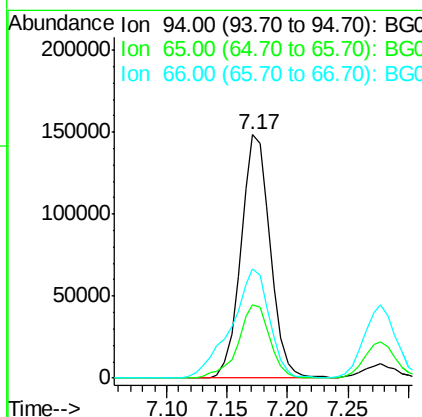
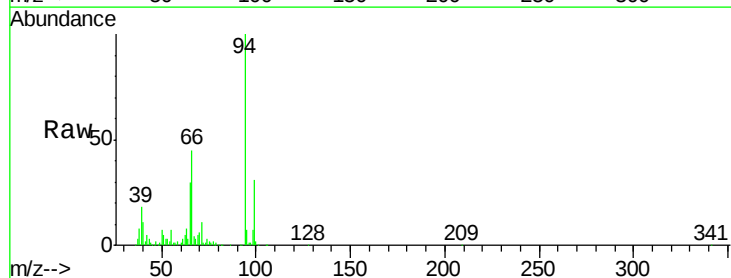
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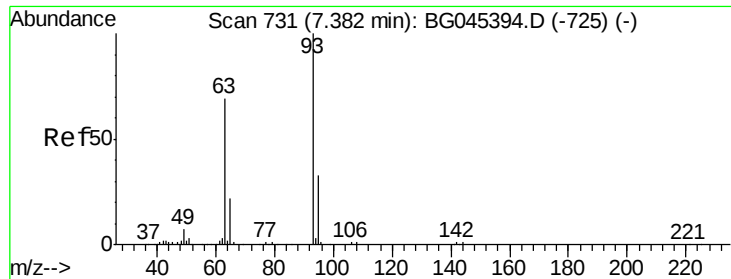
Delta R.T. -0.00 min

Lab File: BG045619.D

Acq: 5 Jun 2020 16:38

Tgt Ion:	94	Resp:	250970
Ion Ratio	Lower	Upper	
94	100		
65	30.1	9.8	49.8
66	44.6	22.0	62.0





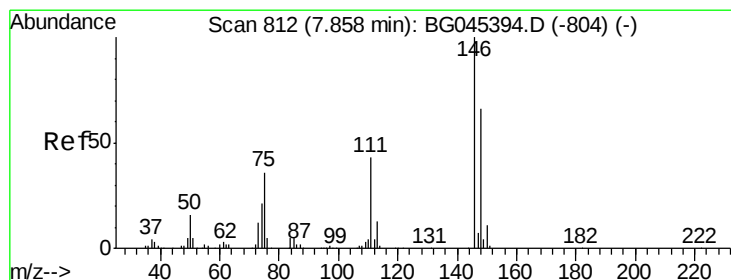
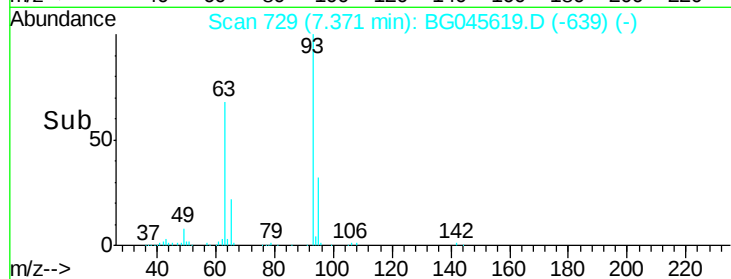
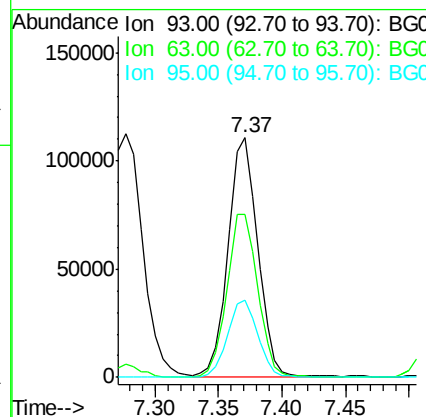
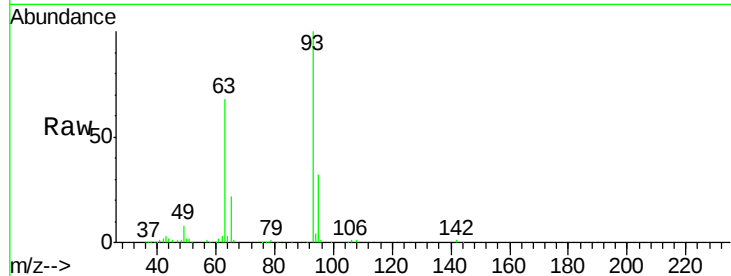
#11
bis(2-Chloroethyl)ether
Concen: 48.80 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	67.8	48.4	88.4
95	32.2	12.4	52.4

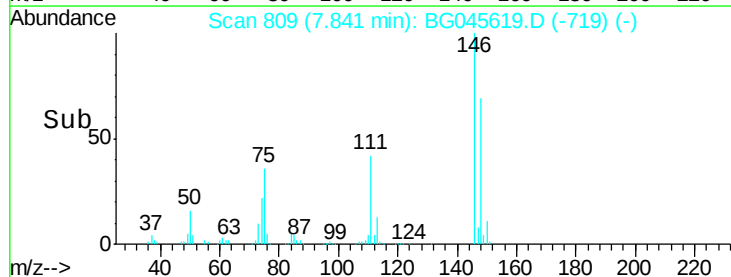
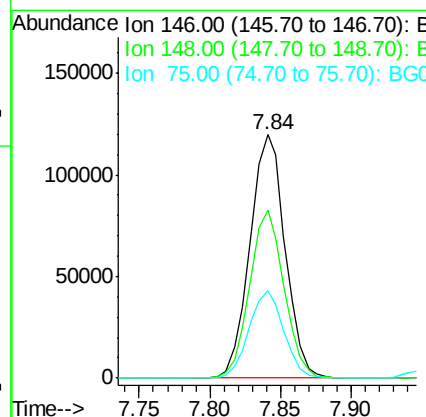
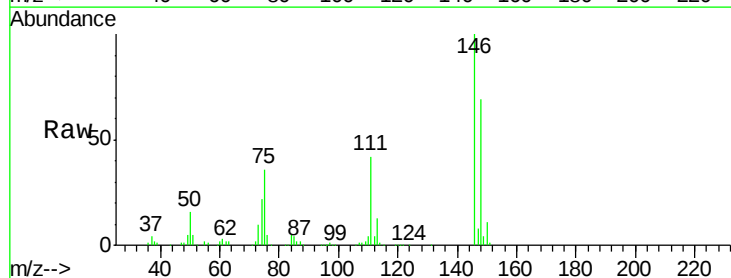
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#12
1,3-Dichlorobenzene
Concen: 49.48 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	68.8	53.2	79.8
75	35.9	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 50.50 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG045619.D

Acq: 5 Jun 2020 16:38

Instrument :

BNA_G

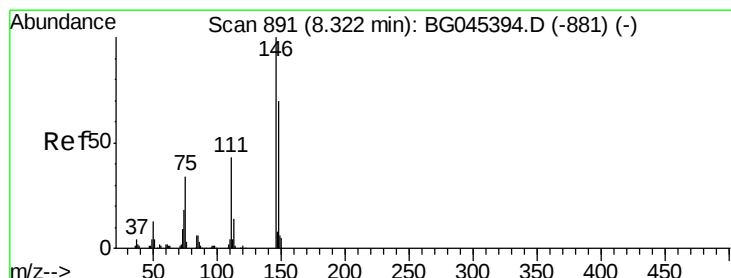
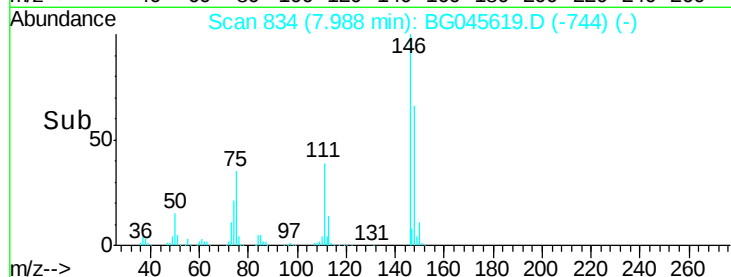
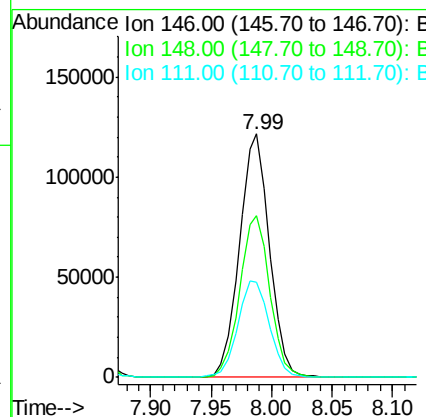
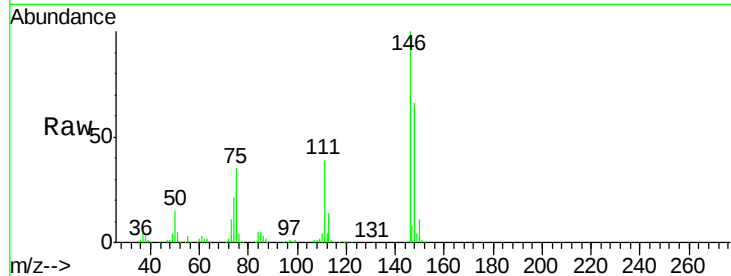
ClientSampleId :

PB129333BS

Tgt Ion:	146	Resp:	210190
Ion Ratio		Lower	Upper
146	100		
148	66.4	51.8	77.8
111	39.2	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 49.35 ng

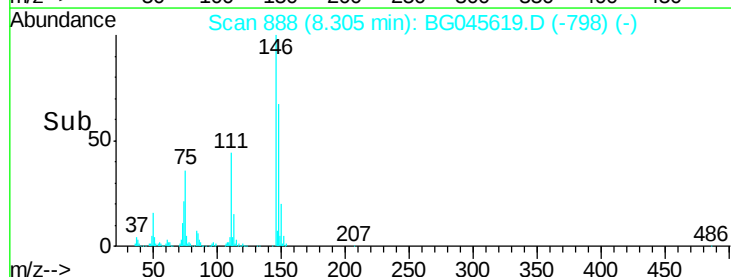
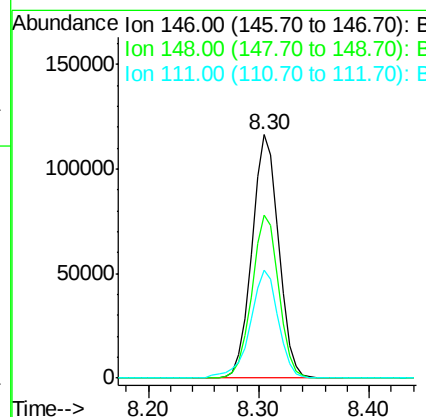
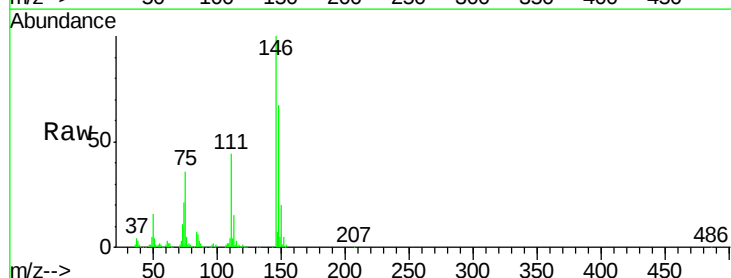
RT: 8.30 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG045619.D

Acq: 5 Jun 2020 16:38

Tgt Ion:	146	Resp:	197577
Ion Ratio		Lower	Upper
146	100		
148	66.8	55.9	83.9
111	44.3	35.0	52.4





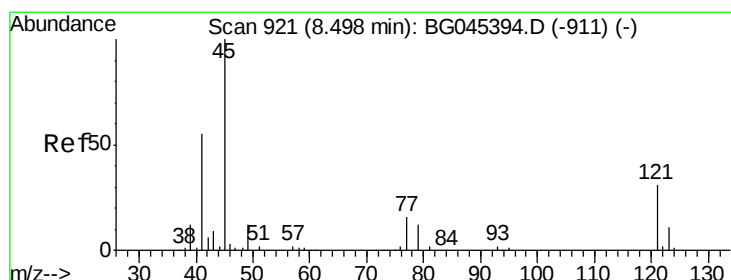
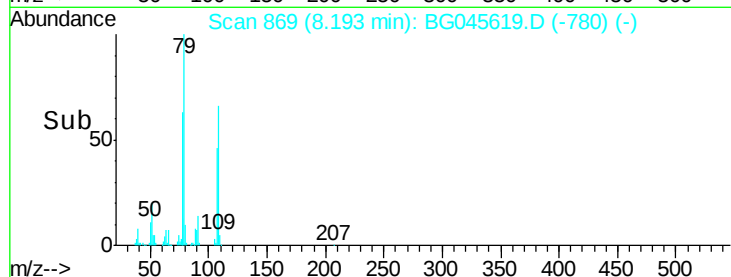
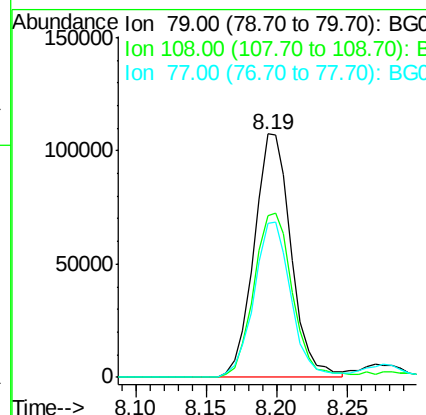
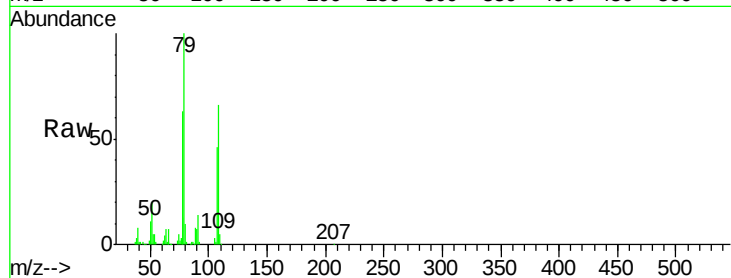
#15
Benzyl Alcohol
Concen: 52.70 ng
RT: 8.19 min Scan# 869
Delta R.T. -0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleID :
PB129333BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	66.5	58.2	87.4
77	63.5	51.0	76.4

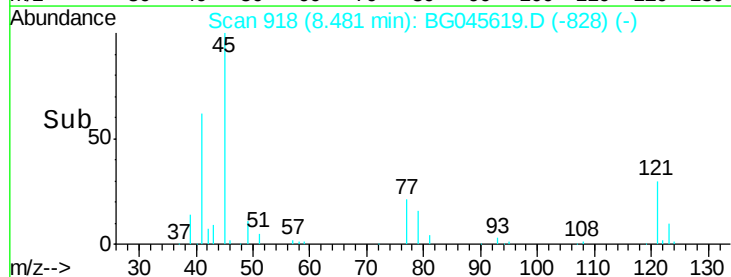
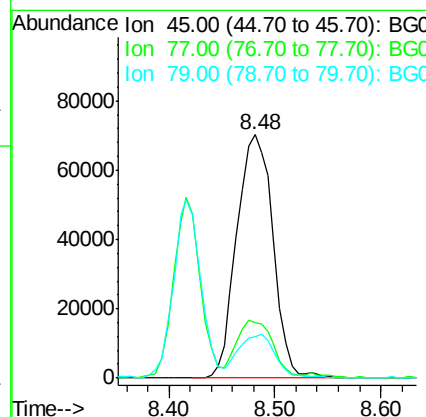
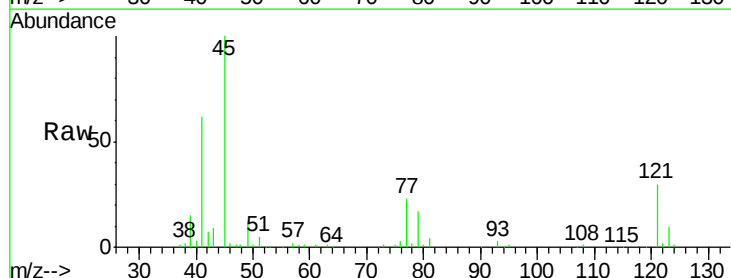
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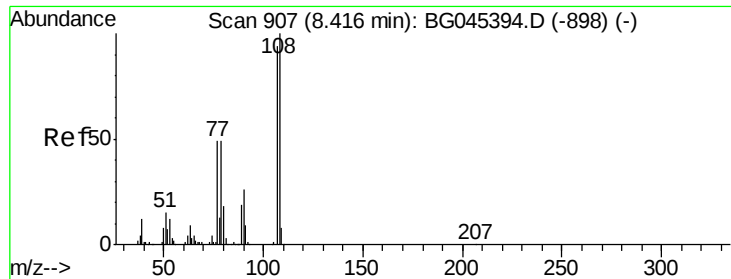
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.03 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.9	4.0	44.0
79	17.1	0.0	38.6





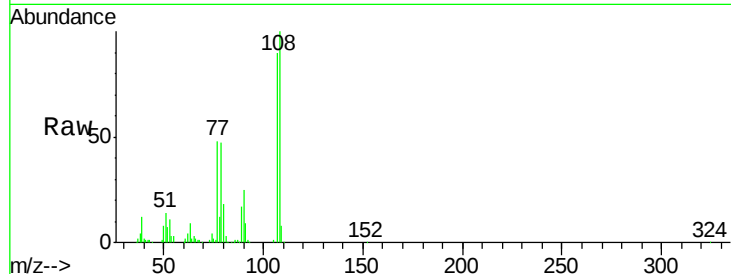
#17
2-Methylphenol
Concen: 48.95 ng
RT: 8.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleId :
PB129333BS

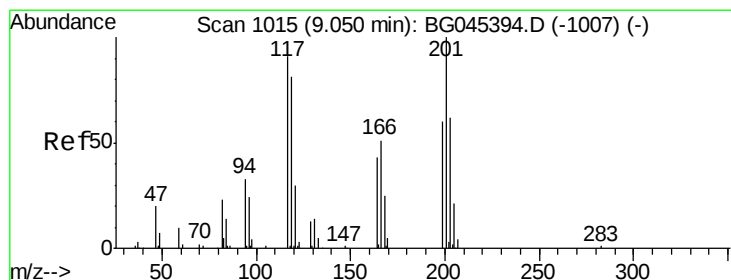
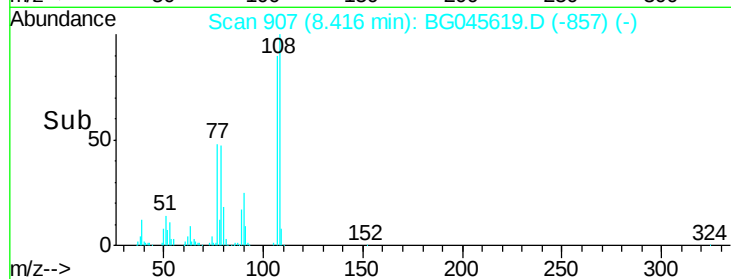
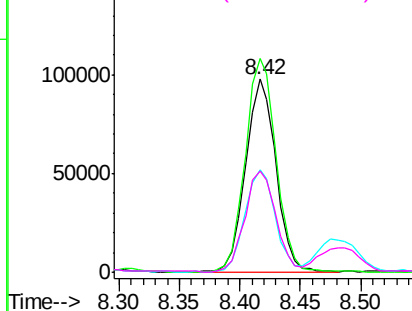
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	85.2	127.8	
77	53.4	41.6	62.4	
79	52.6	41.8	62.8	

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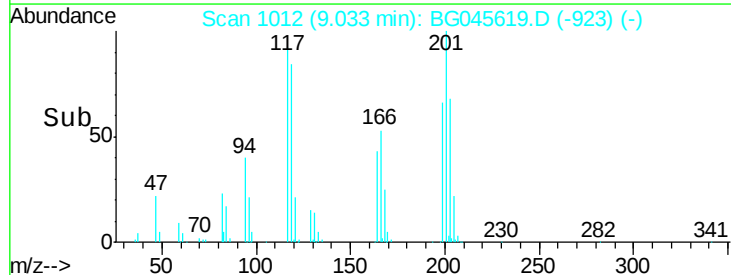
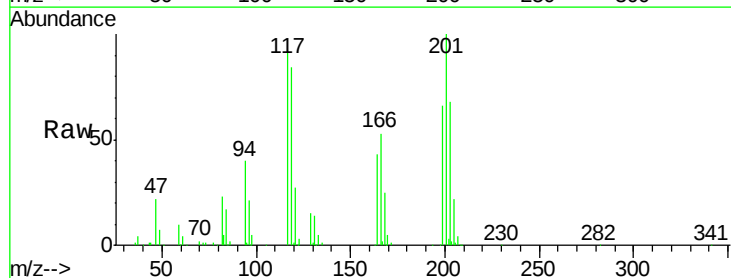
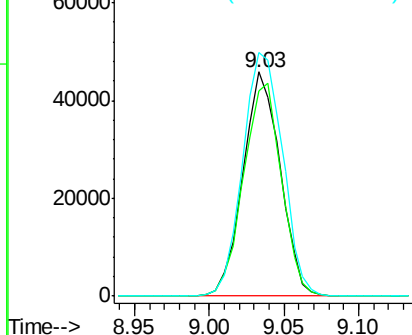
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

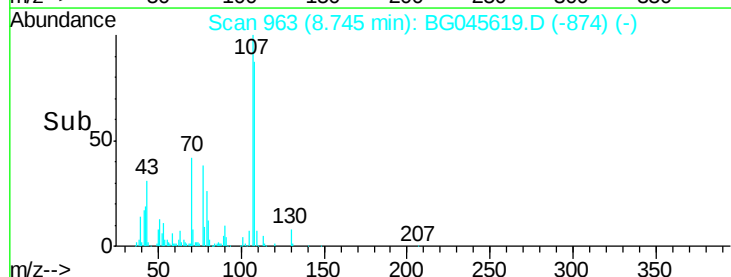
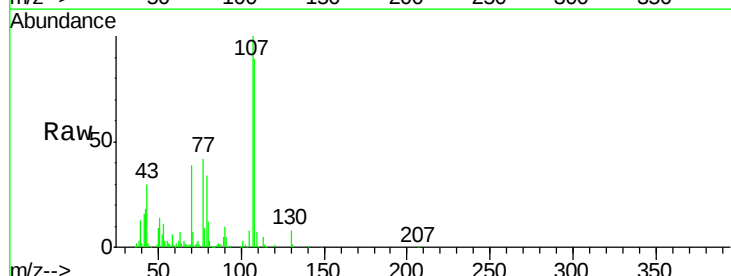
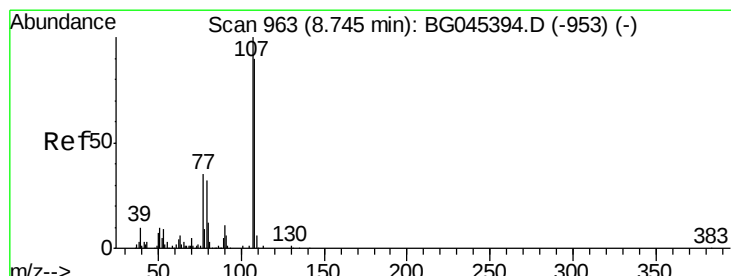
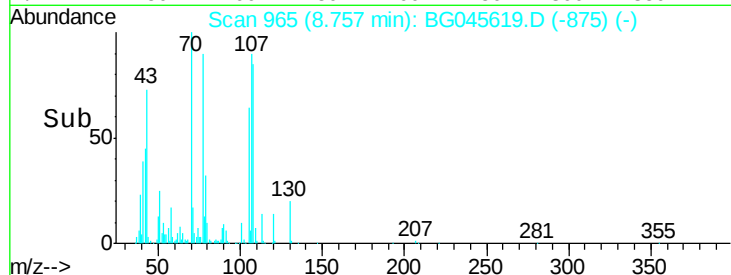
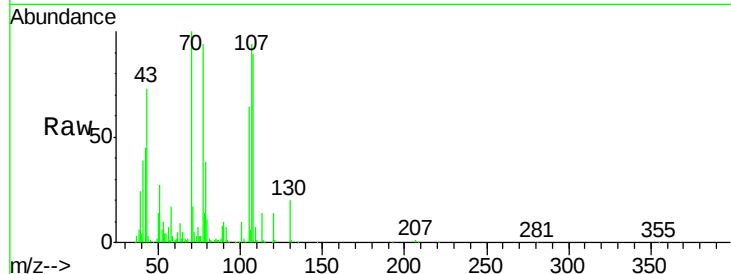
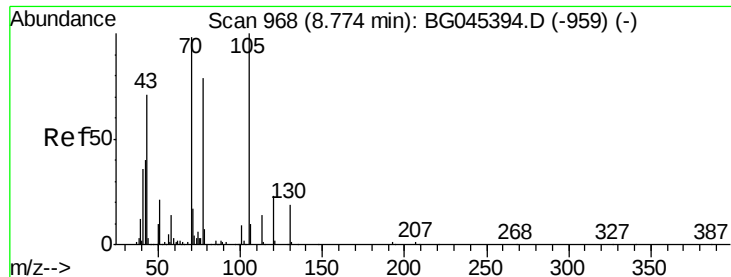


#18
Hexachloroethane
Concen: 49.44 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.9	71.3	106.9	
201	108.8	87.5	131.3	

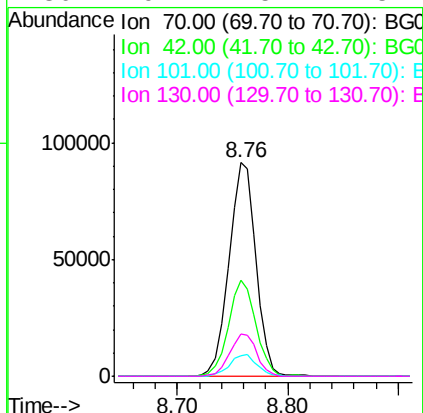
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 49.54 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.1	33.2	49.8
101	9.6	7.8	11.6
130	19.7	15.4	23.2



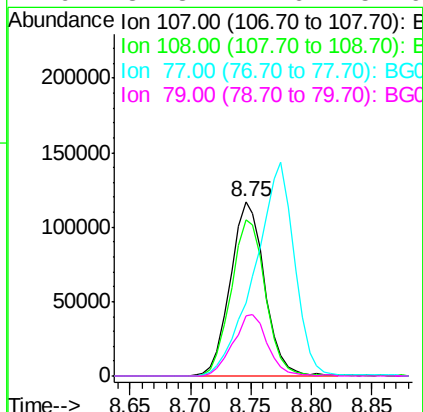
Instrument :
BNA_G
ClientSampleId :
PB129333BS

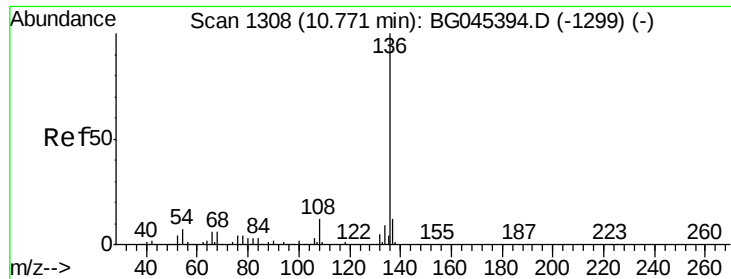
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#20
3+4-Methylphenols
Concen: 48.44 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	70.3	110.3
77	42.0	15.4	55.4
79	34.3	12.6	52.6





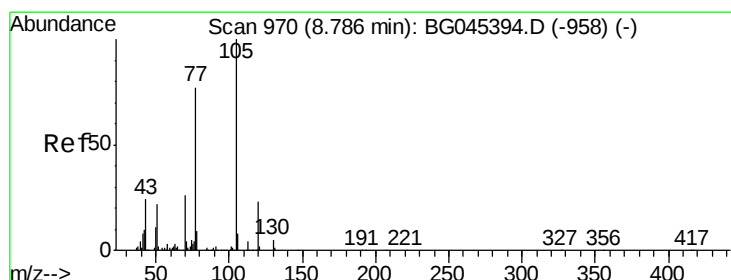
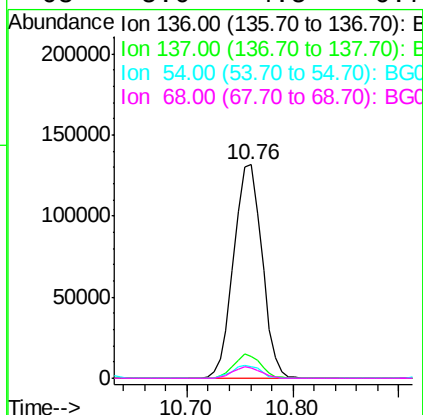
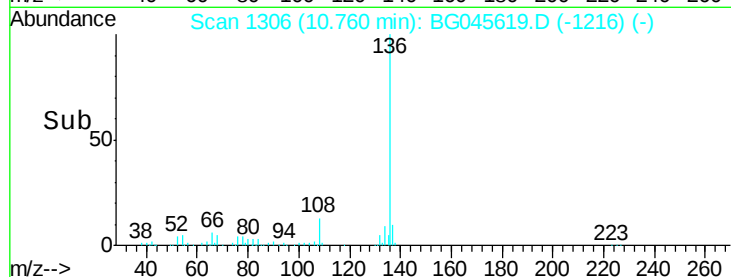
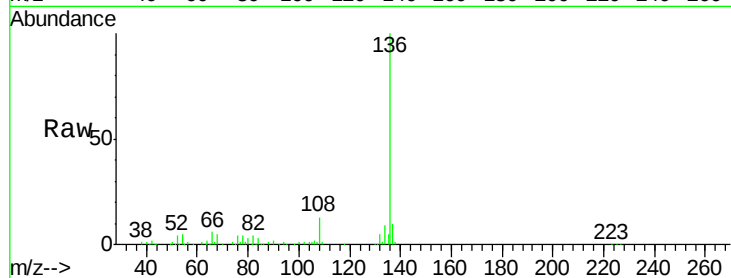
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	244794		
137	9.9	9.4	14.2	
54	5.2	5.8	8.6	
68	5.0	4.5	6.7	

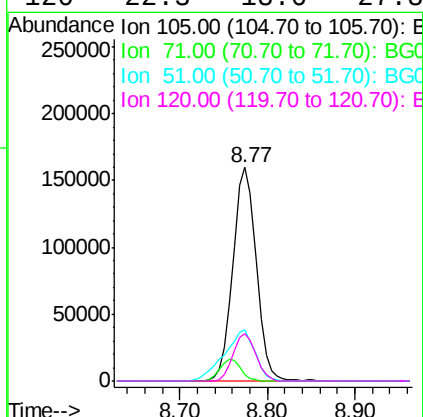
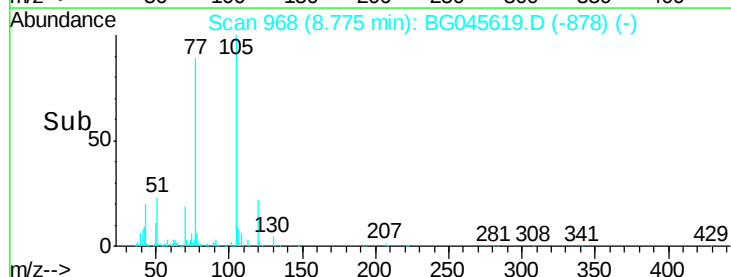
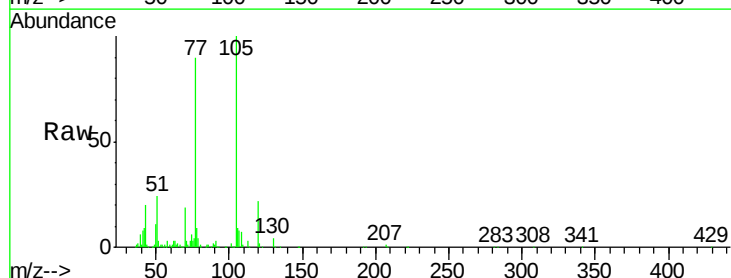
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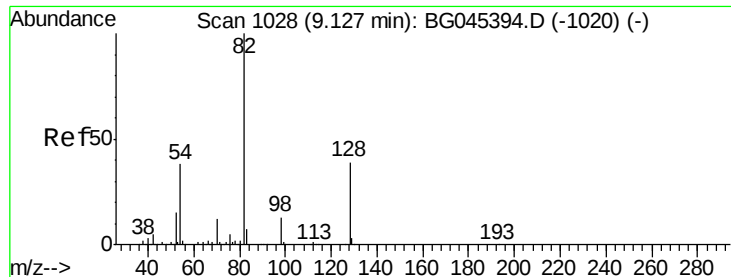
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#22
Acetophenone
Concen: 49.74 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	288573		
71	2.8	3.4	5.0	
51	23.8	18.2	27.2	
120	22.3	18.6	27.8	





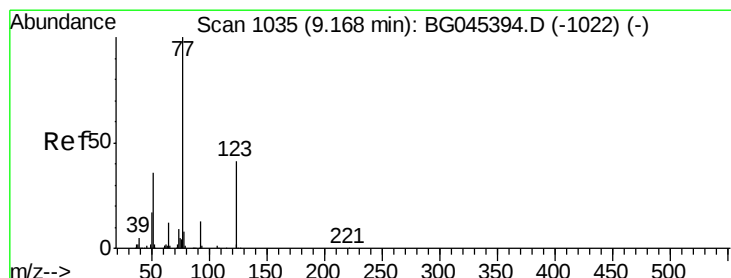
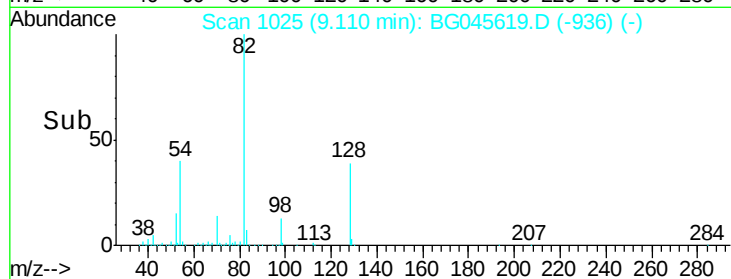
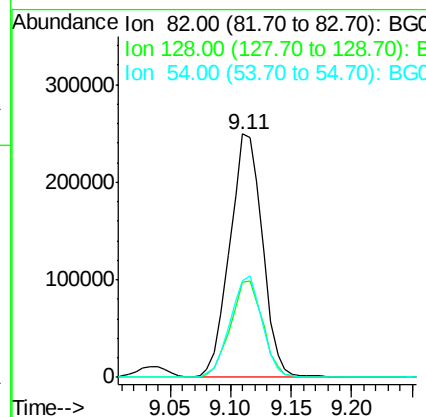
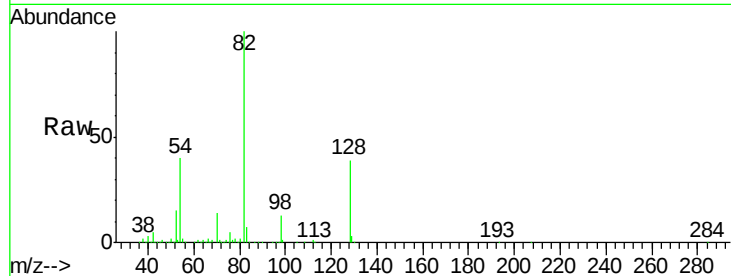
#23
 Nitrobenzene-d5
 Concen: 103.99 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045619.D
 Acq: 5 Jun 2020 16:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	466817		
128	39.1	30.9	46.3	
54	39.5	30.3	45.5	

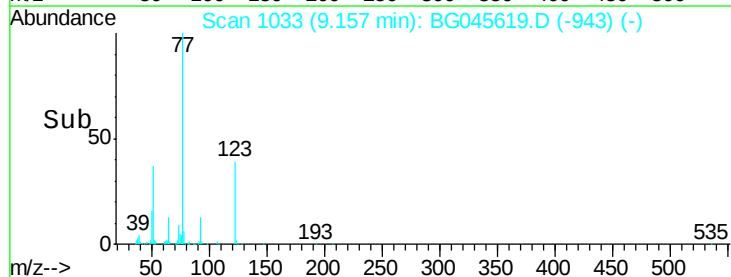
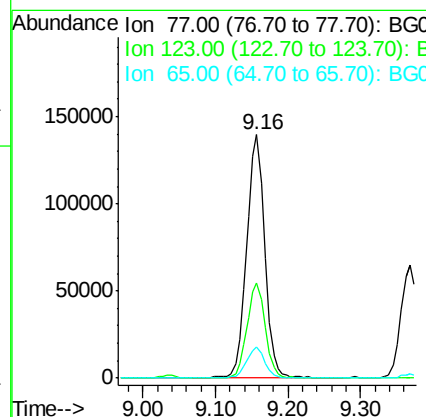
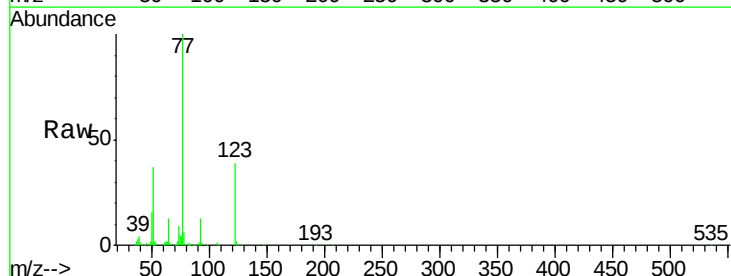
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#24
 Nitrobenzene
 Concen: 50.58 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045619.D
 Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	243266		
123	38.9	32.9	49.3	
65	13.0	9.4	14.2	





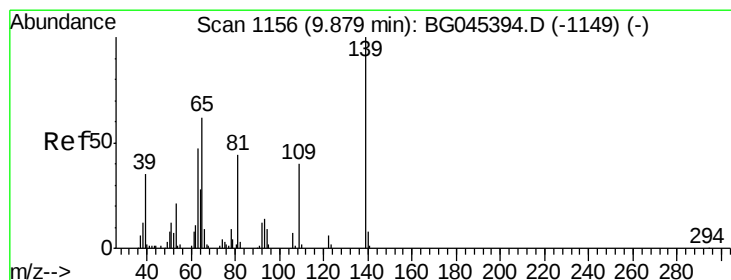
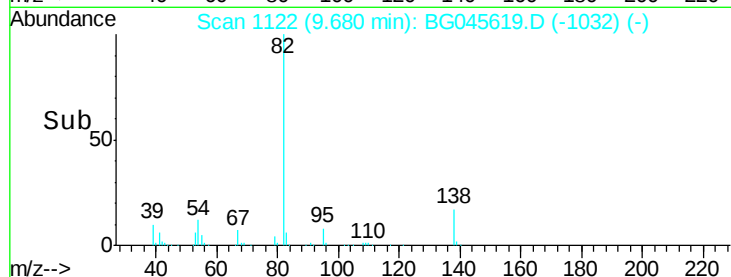
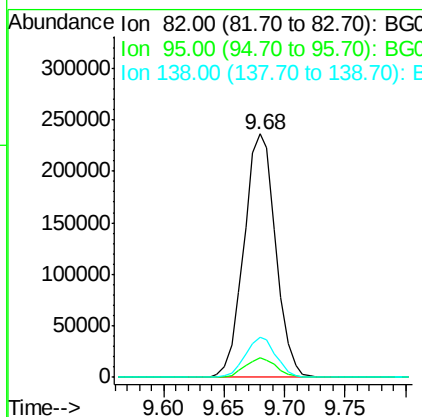
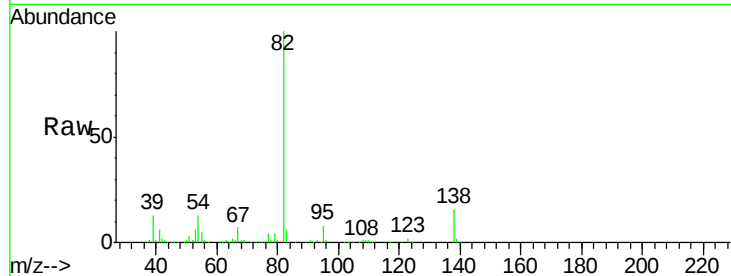
#25
Isophorone
Concen: 48.71 ng
RT: 9.68 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	430606		
95	8.3	6.7	10.1	
138	16.5	12.2	18.4	

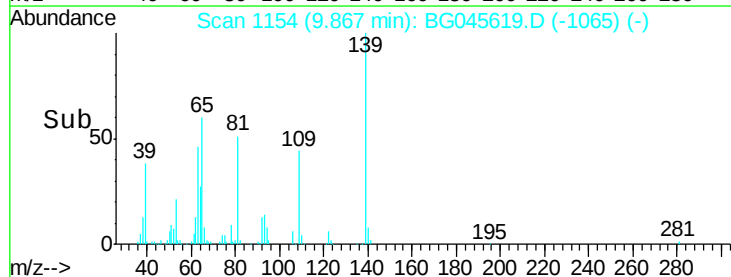
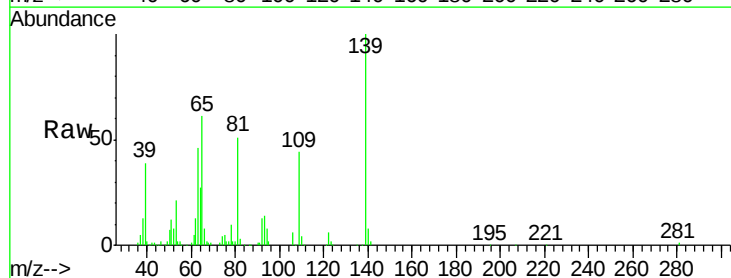
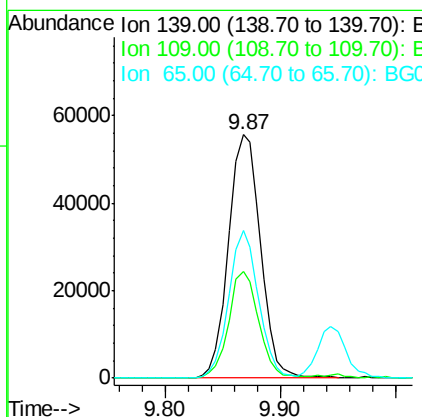
Manual Integrations
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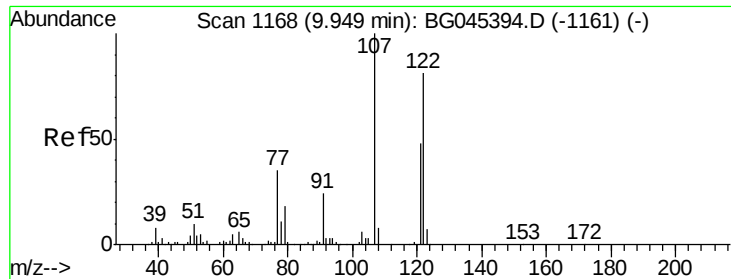
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#26
2-Nitrophenol
Concen: 51.99 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	106956		
109	43.8	32.2	48.4	
65	60.5	49.6	74.4	





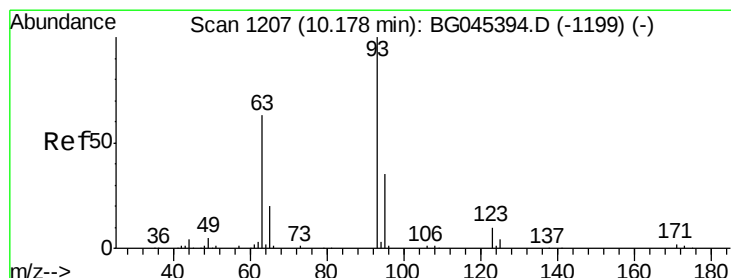
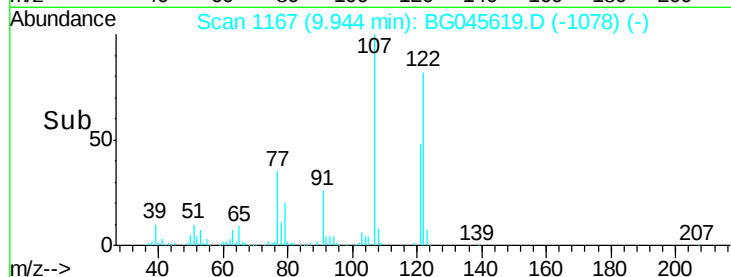
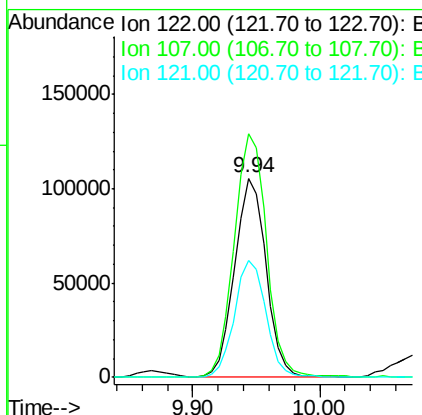
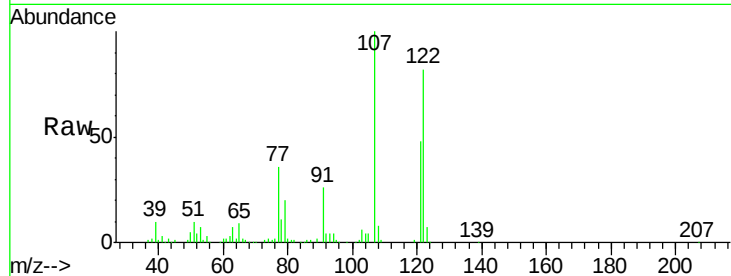
#27
2,4-Dimethylphenol
Concen: 59.13 ng
RT: 9.94 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	180439		
107	122.1	99.0	148.4	
121	58.6	47.7	71.5	

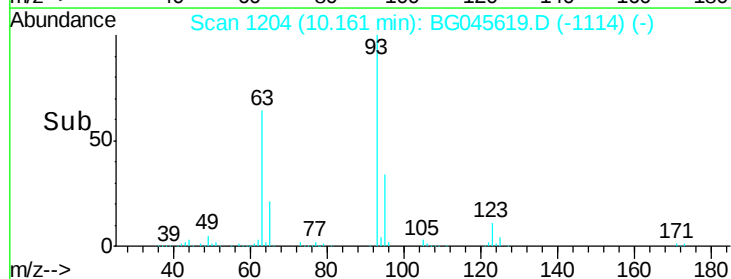
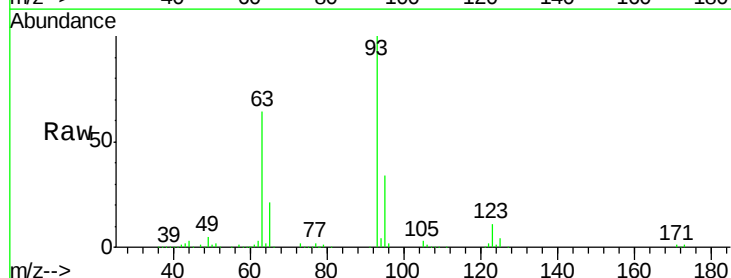
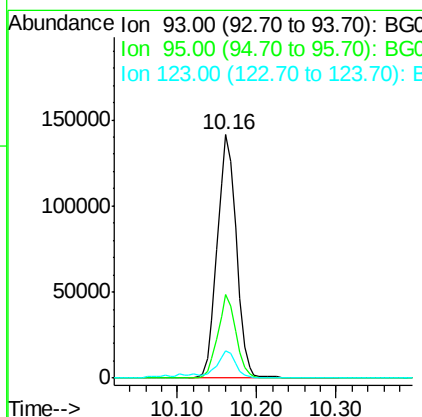
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#28
bis(2-Chloroethoxy)methane
Concen: 51.04 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	236620		
95	34.3	27.6	41.4	
123	11.0	8.1	12.1	





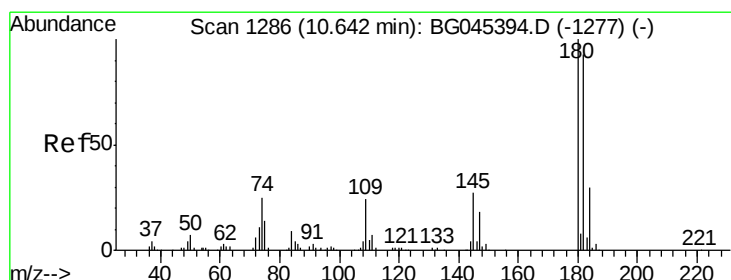
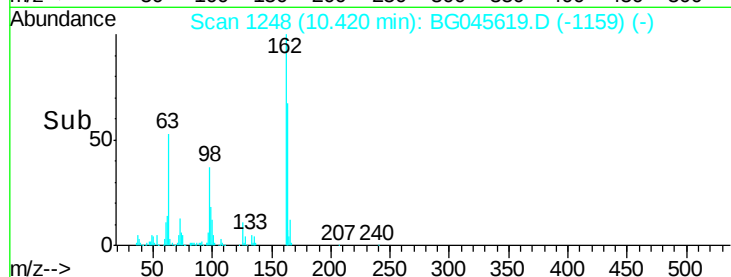
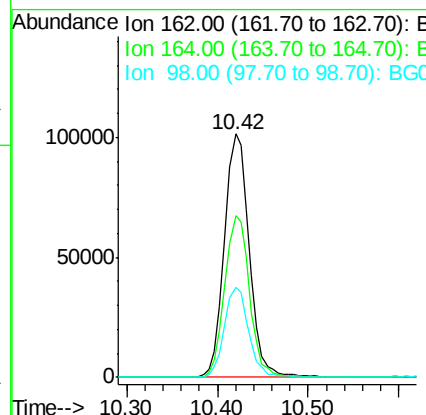
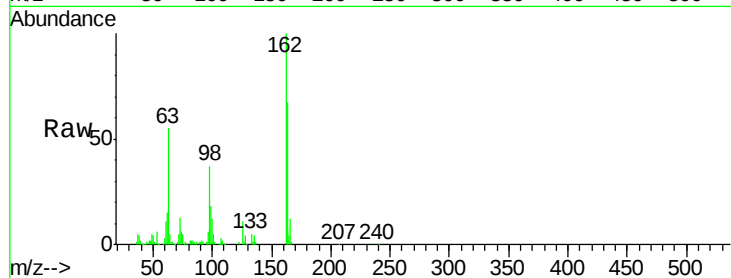
#29
 2,4-Dichlorophenol
 Concen: 53.55 ng
 RT: 10.42 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BG045619.D
 Acq: 5 Jun 2020 16:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.6	46.8	86.8
98	37.0	15.2	55.2

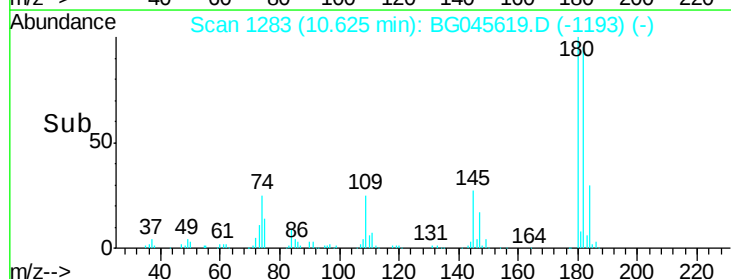
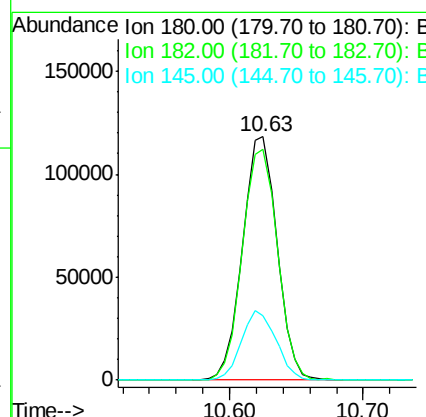
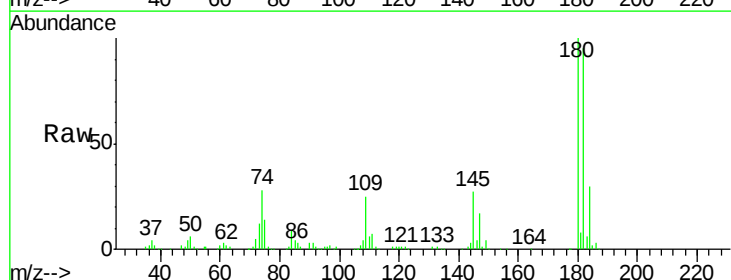
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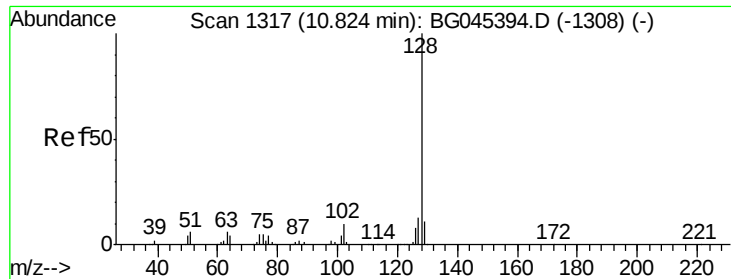
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.70 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG045619.D
 Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.0	74.8	112.2
145	26.5	21.9	32.9





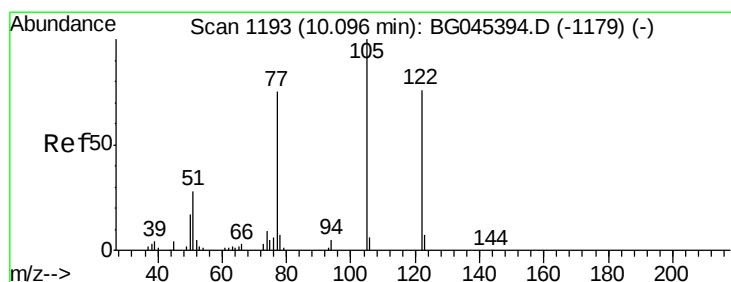
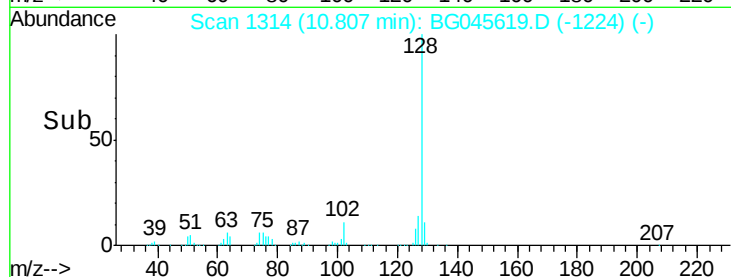
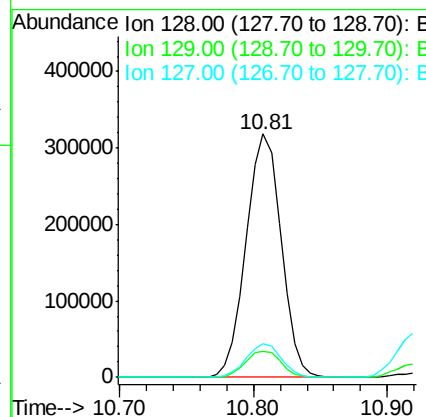
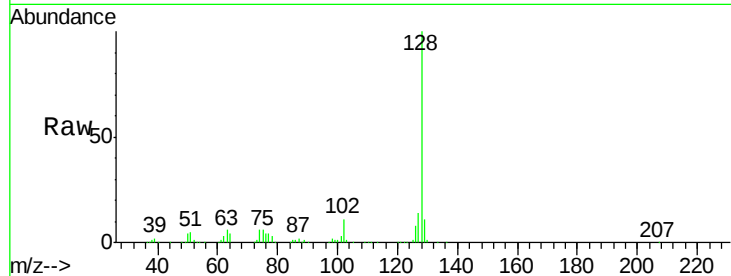
#31
Naphthalene
Concen: 50.54 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	576511		
129	10.8		9.0	13.6
127	14.0		10.7	16.1

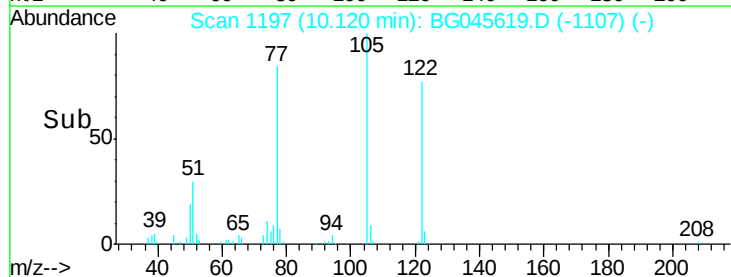
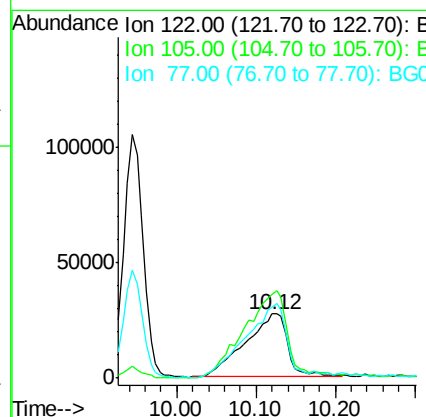
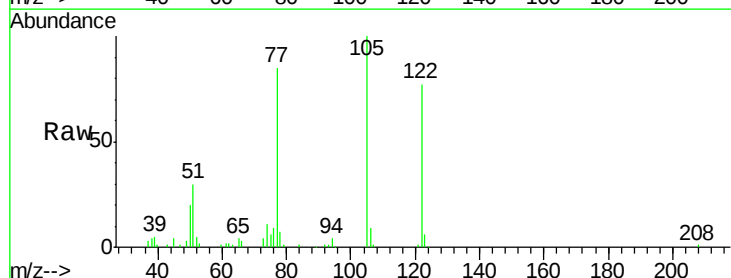
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#32
Benzoic acid
Concen: 49.11 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	102538		
105	130.4		107.9	147.9
77	110.3		78.9	118.9





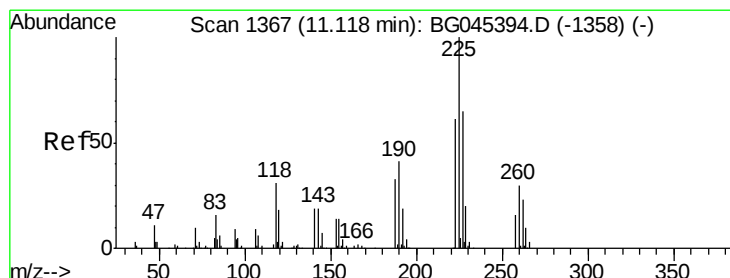
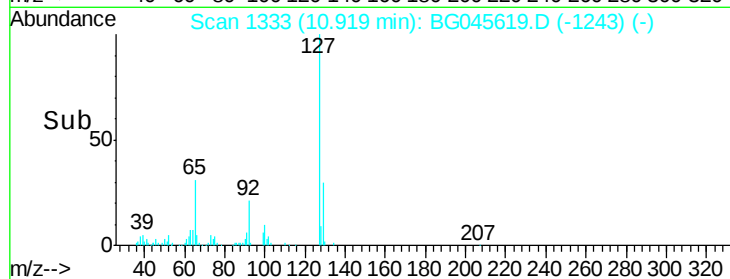
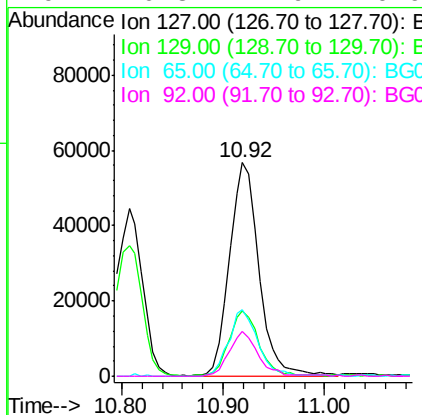
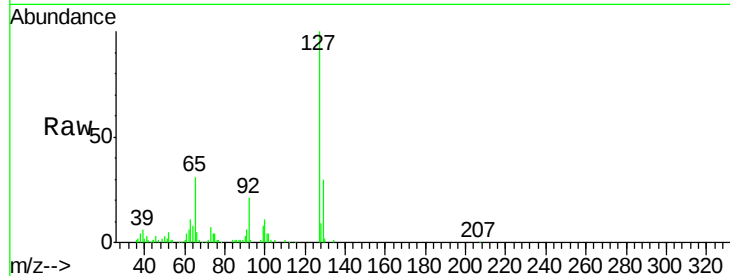
#33
4-Chloroaniline
Concen: 24.17 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	115237		
129	30.5	24.7	37.1	
65	31.3	26.2	39.2	
92	20.8	17.9	26.9	

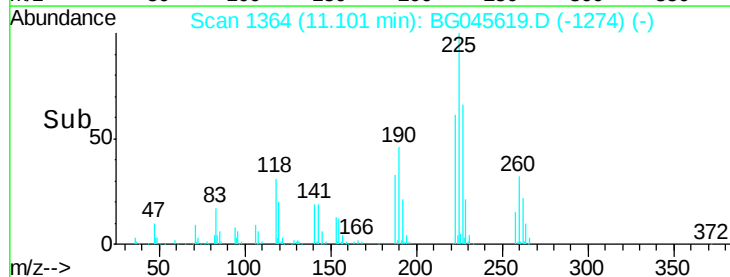
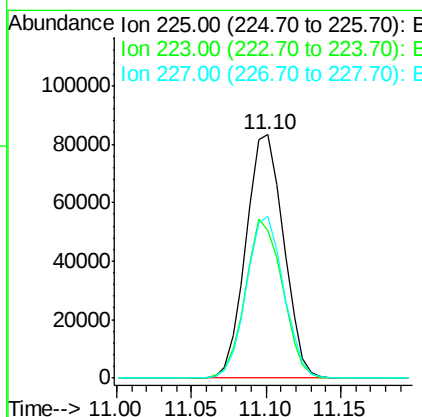
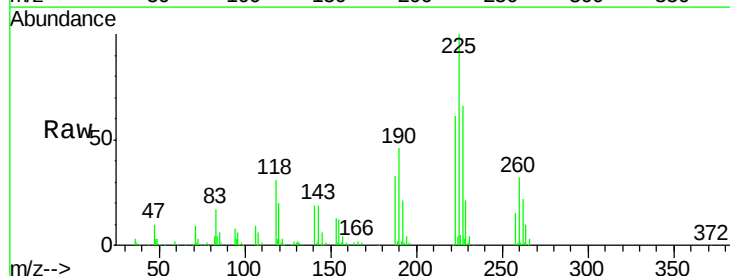
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#34
Hexachlorobutadiene
Concen: 48.35 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	145519		
223	60.7	49.1	73.7	
227	66.3	52.0	78.0	





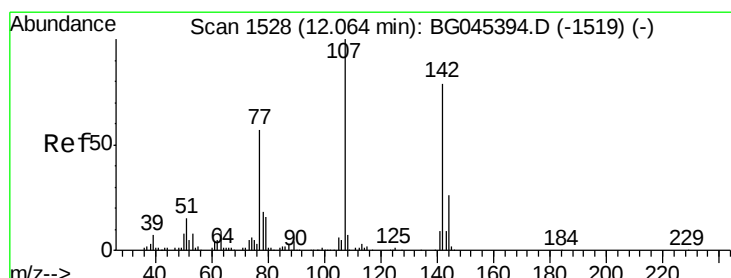
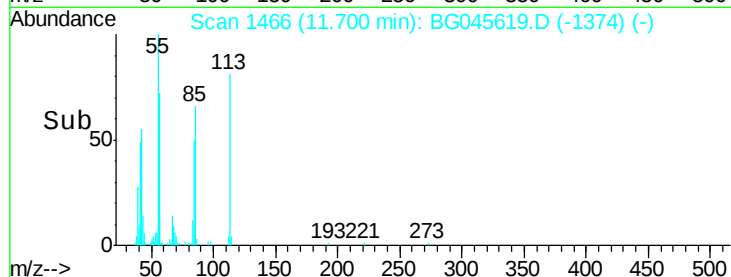
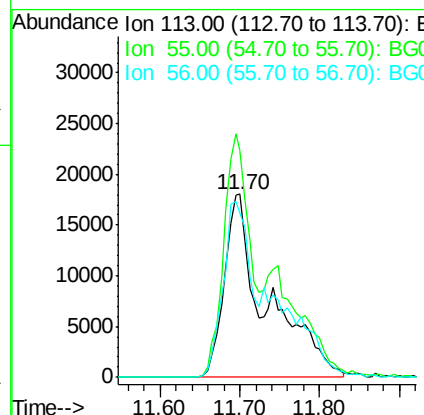
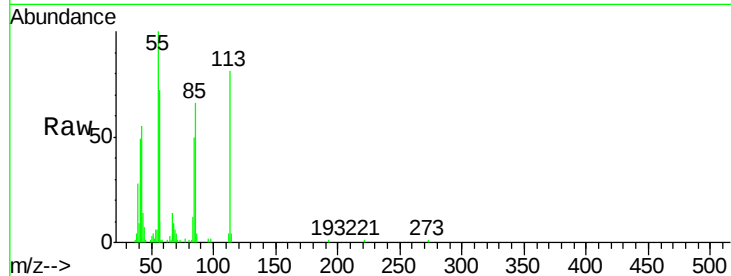
#35
 Caprolactam
 Concen: 50.24 ng m
 RT: 11.70 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BG045619.D
 Acq: 5 Jun 2020 16:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	66456		
55	124.0	96.0	136.0	
56	89.5	75.1	115.1	

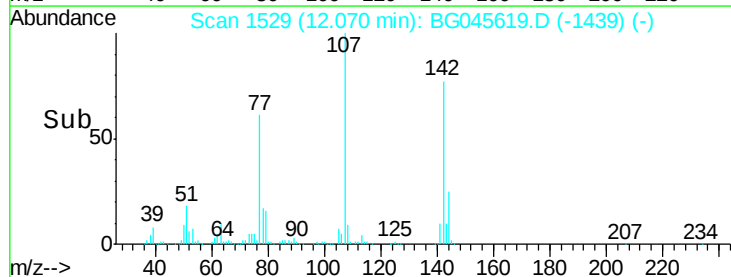
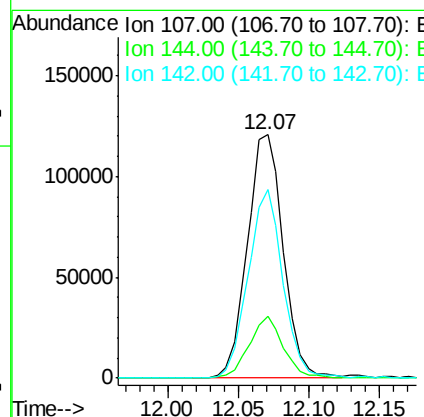
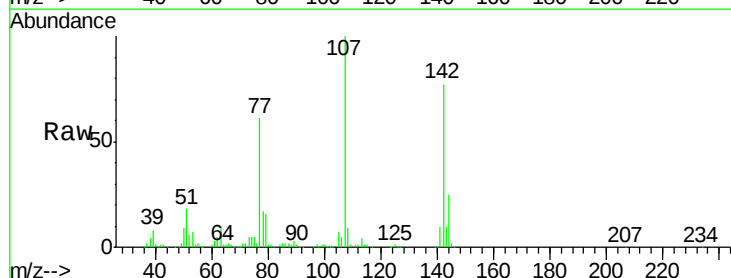
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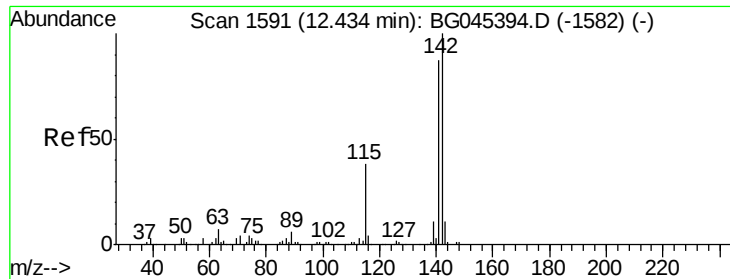
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#36
 4-Chloro-3-methylphenol
 Concen: 53.04 ng
 RT: 12.07 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BG045619.D
 Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	215376		
144	25.5	20.8	31.2	
142	77.3	62.8	94.2	





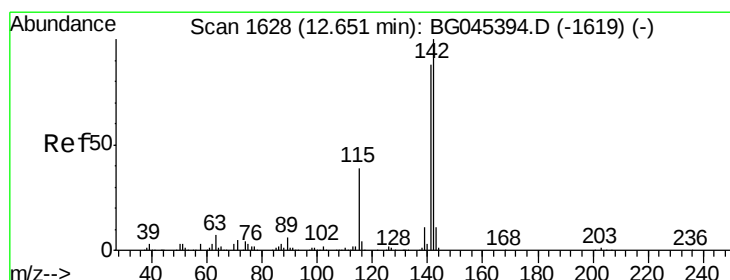
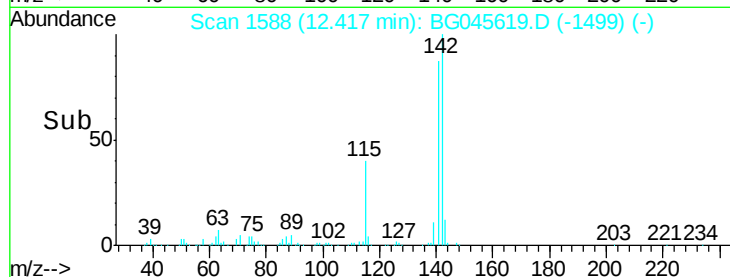
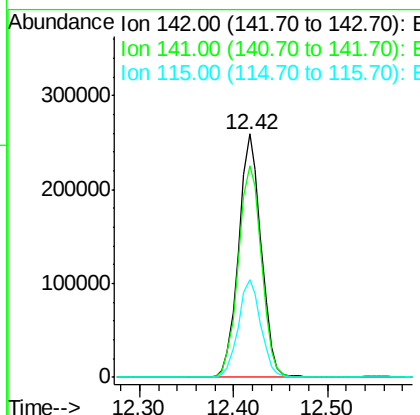
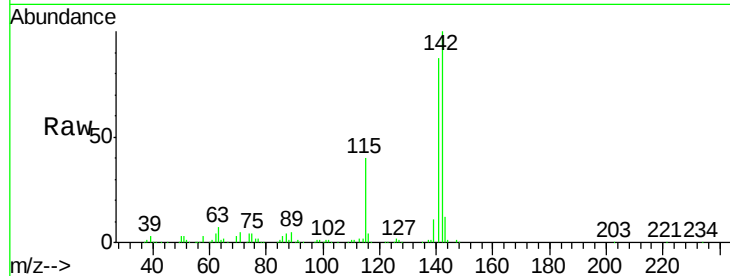
#37
2-Methylnaphthalene
Concen: 50.52 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.0	105.0
115	40.2	30.8	46.2

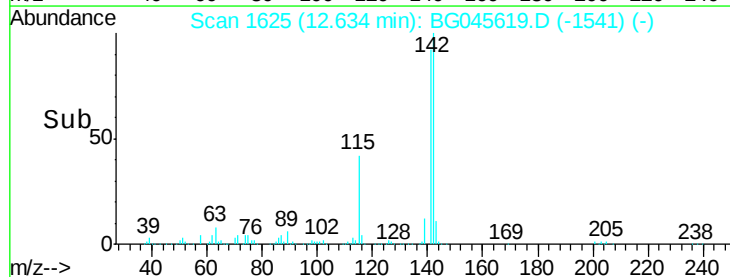
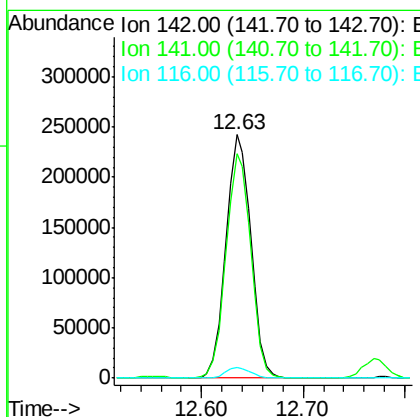
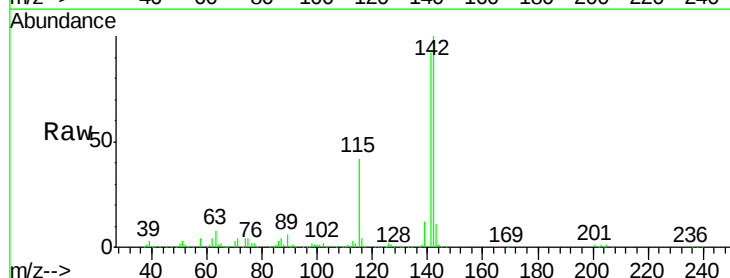
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#38
1-Methylnaphthalene
Concen: 51.25 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	70.8	106.2
116	4.4	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045619.D

Acq: 5 Jun 2020 16:38

Instrument :

BNA_G

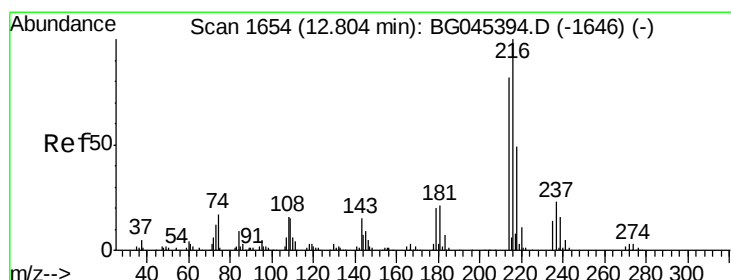
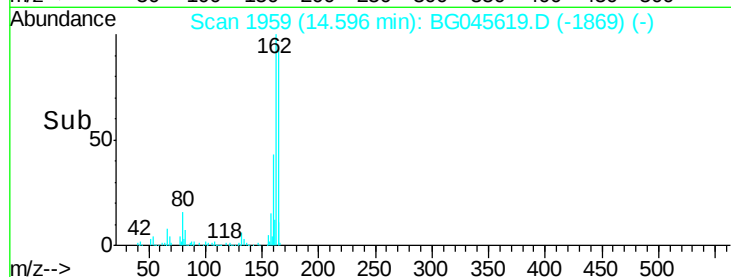
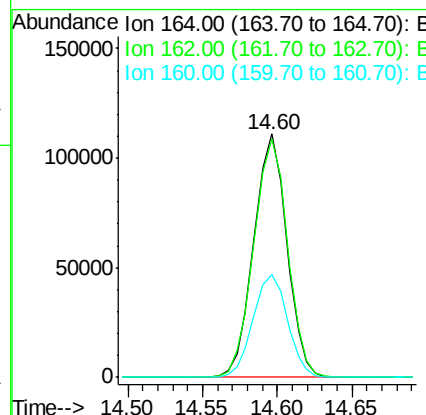
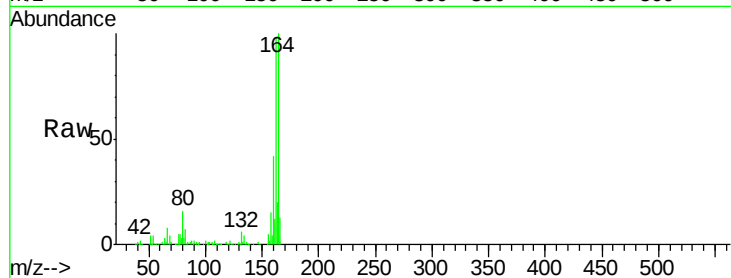
ClientSampleId :

PB129333BS

Tgt Ion:	164	Resp:	170060
Ion Ratio		Lower	Upper
164	100		
162	97.9	76.9	115.3
160	42.2	33.8	50.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.32 ng

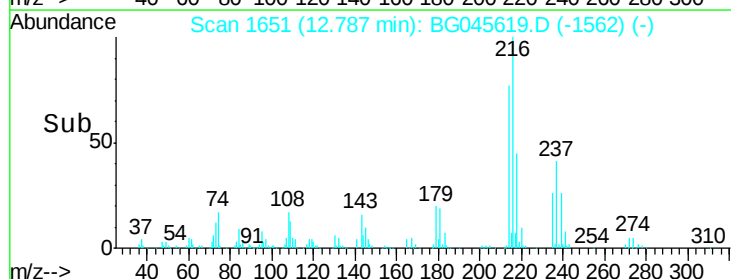
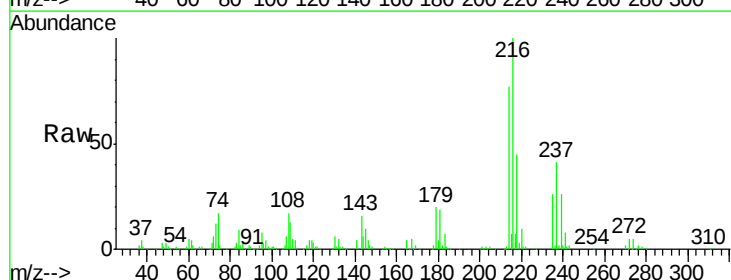
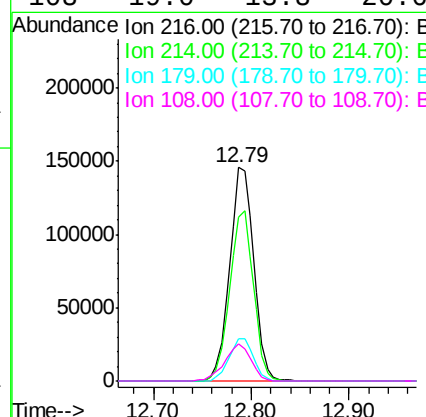
RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG045619.D

Acq: 5 Jun 2020 16:38

Tgt Ion:	216	Resp:	248519
Ion Ratio		Lower	Upper
216	100		
214	78.6	63.7	95.5
179	19.9	16.1	24.1
108	19.0	13.8	20.6





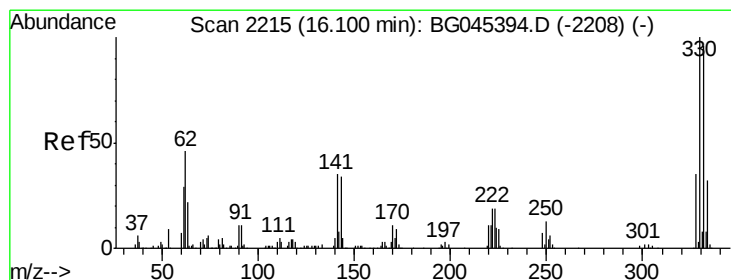
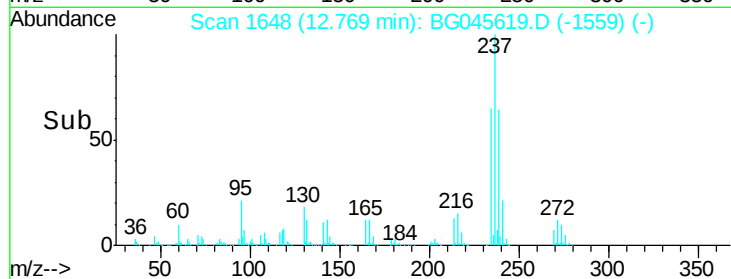
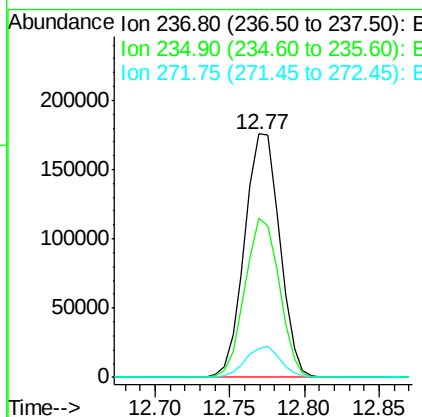
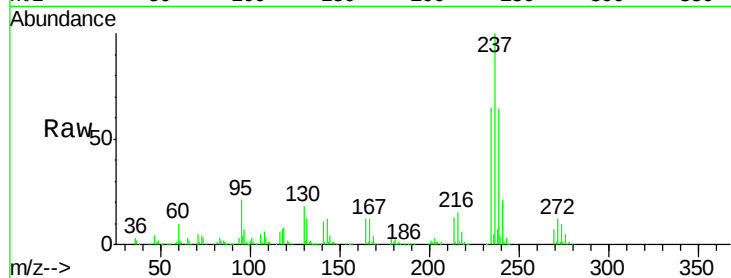
#41
Hexachlorocyclopentadiene
Concen: 104.50 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	65.3	44.4	84.4
272	11.8	0.0	32.5

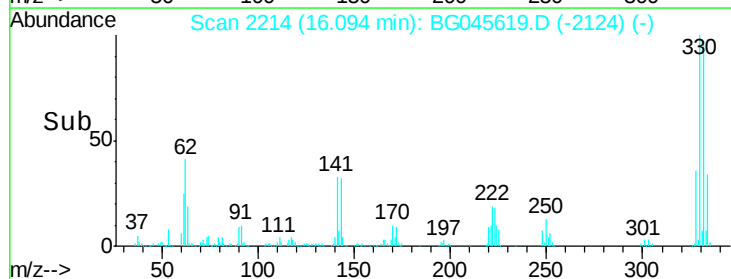
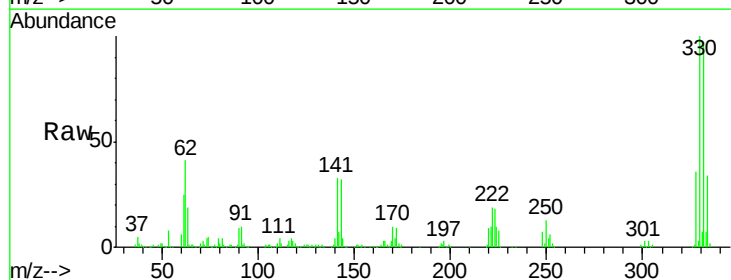
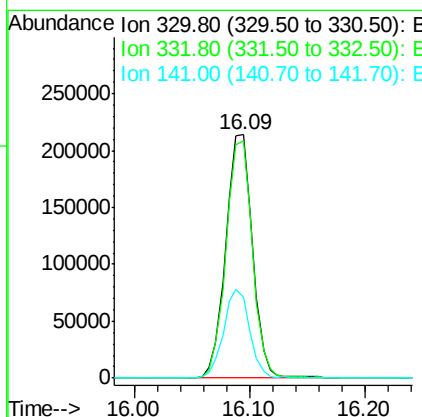
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#42
2,4,6-Tribromophenol
Concen: 157.97 ng
RT: 16.09 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.0	78.2	117.4
141	35.5	28.2	42.4





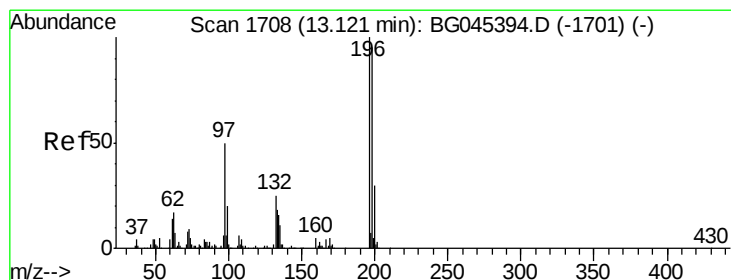
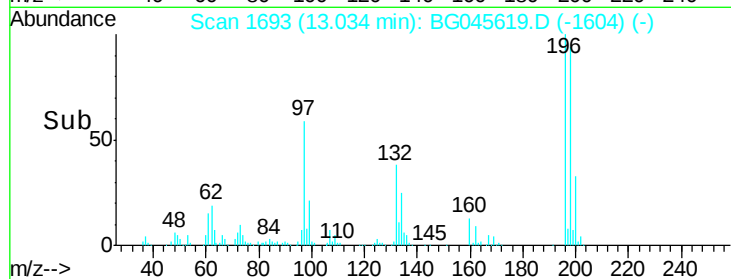
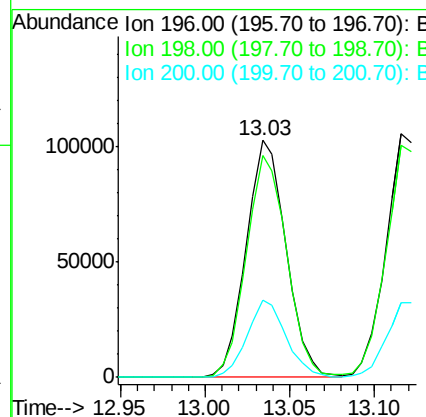
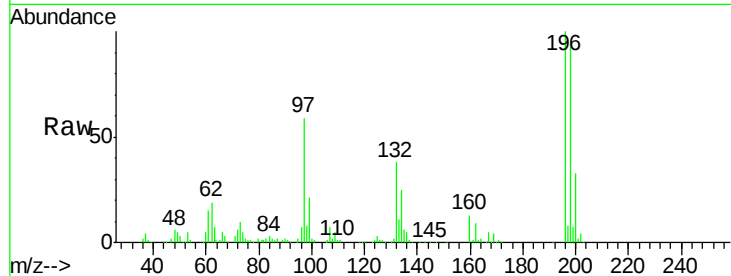
#43
 2,4,6-Trichlorophenol
 Concen: 51.33 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BG045619.D
 Acq: 5 Jun 2020 16:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169362		
198	93.8	76.7	115.1	
200	32.8	24.9	37.3	

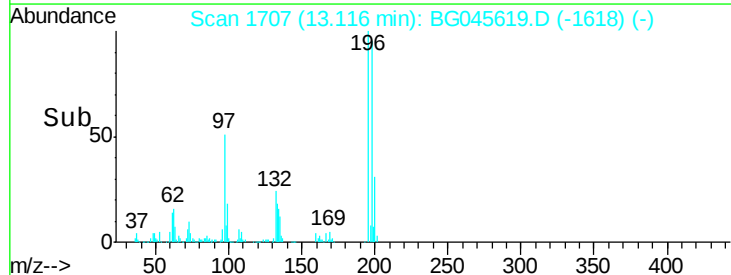
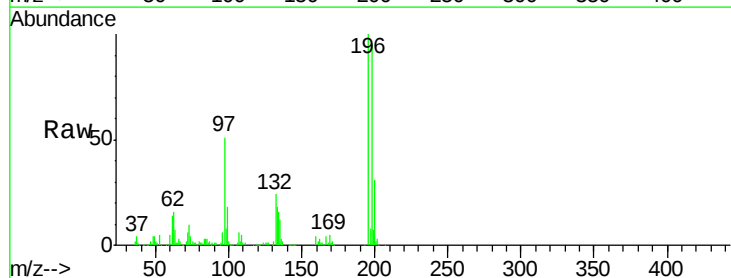
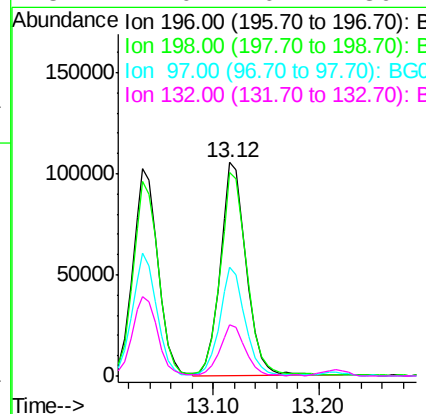
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#44
 2,4,5-Trichlorophenol
 Concen: 47.76 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG045619.D
 Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180095		
198	95.4	76.1	114.1	
97	50.9	40.0	60.0	
132	24.0	20.2	30.2	





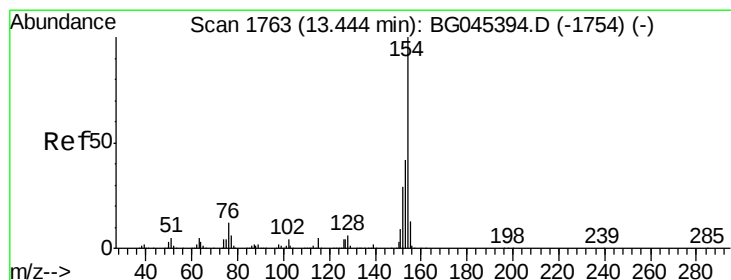
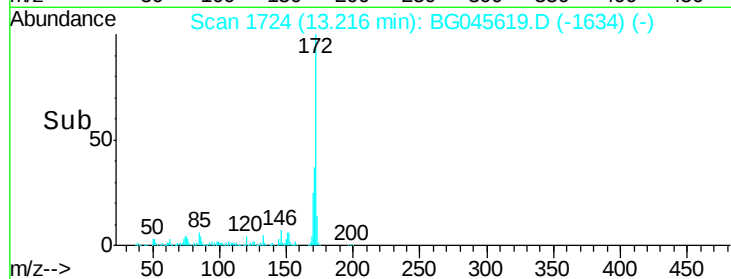
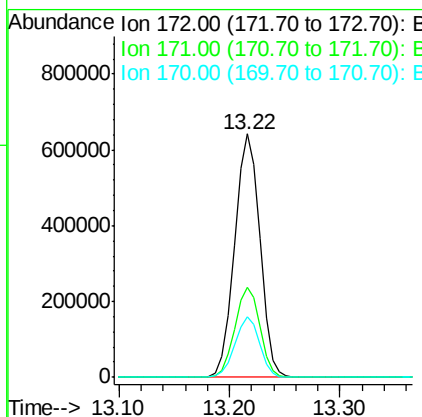
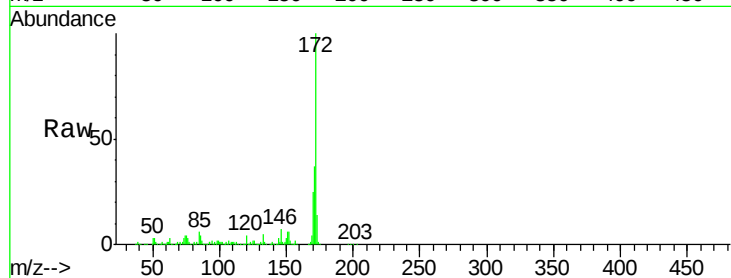
#45
2-Fluorobiphenyl
Concen: 102.98 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.5	44.3
170	24.9	18.5	27.7

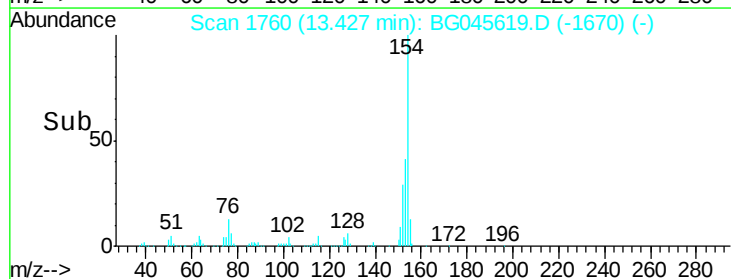
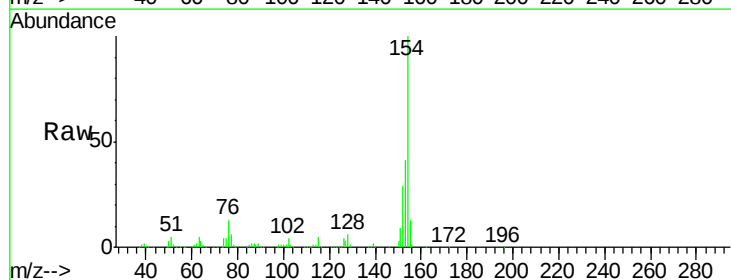
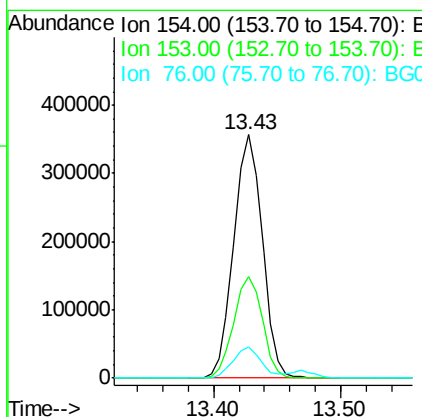
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#46
1,1'-Biphenyl
Concen: 53.43 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.2	62.2
76	12.7	0.0	32.4





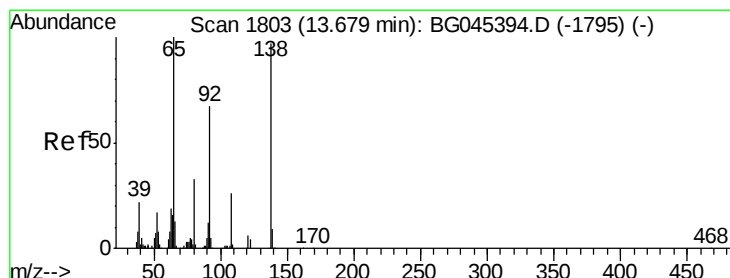
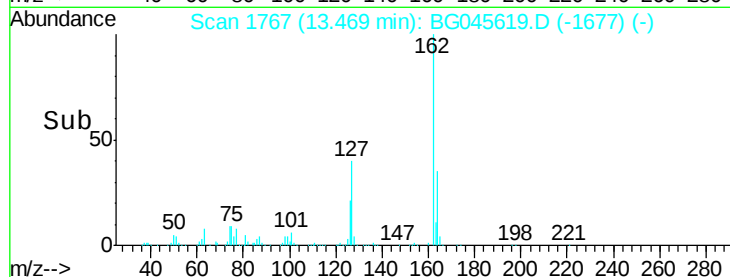
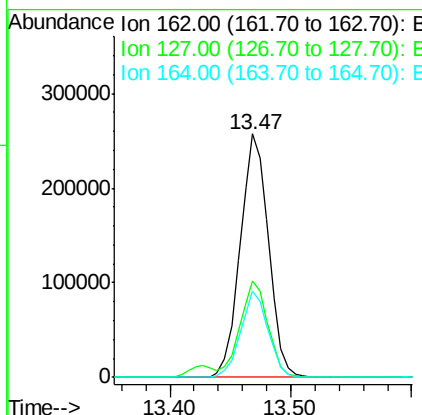
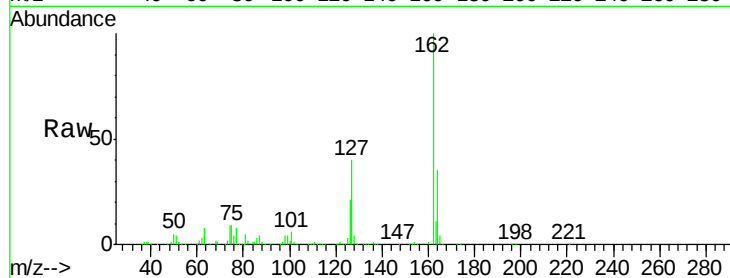
#47
2-Chloronaphthalene
Concen: 49.47 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	31.6	47.4
164	35.5	28.1	42.1

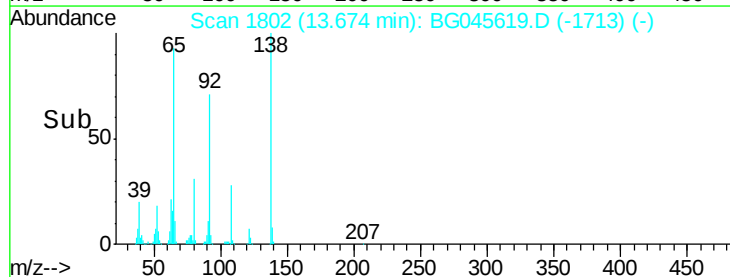
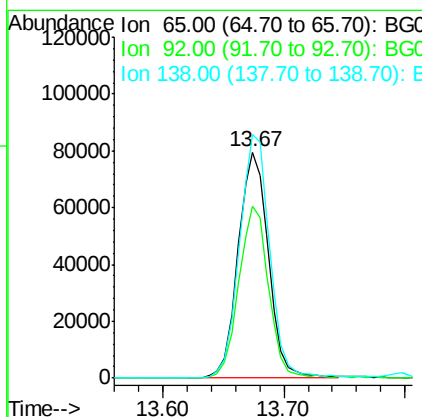
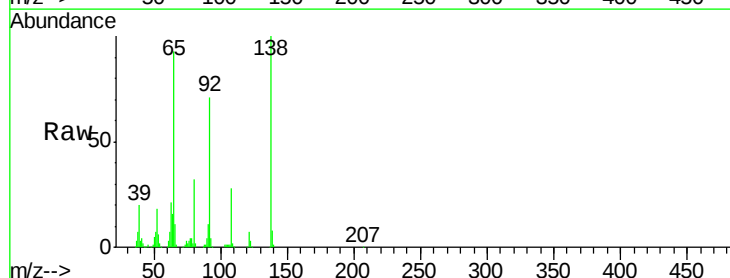
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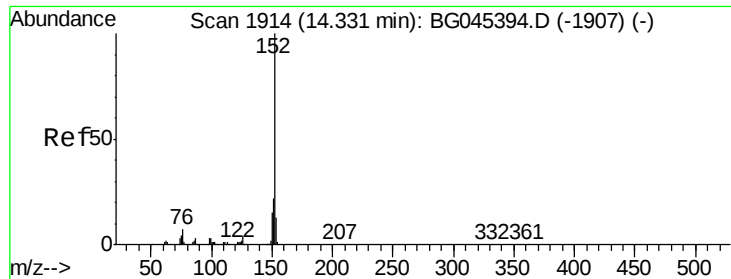
mohammad
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#48
2-Nitroaniline
Concen: 49.91 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.1	53.8	80.8
138	107.7	77.9	116.9





#49

Acenaphthylene

Concen: 51.85 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BG045619.D

Acq: 5 Jun 2020 16:38

Instrument :

BNA_G

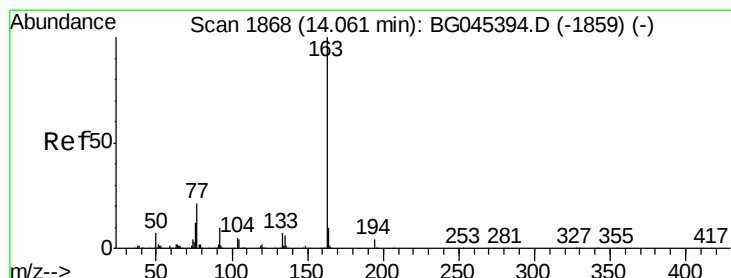
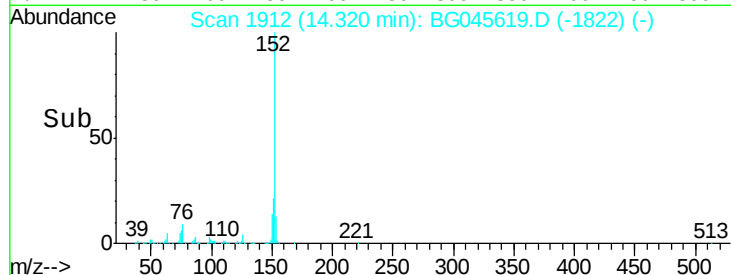
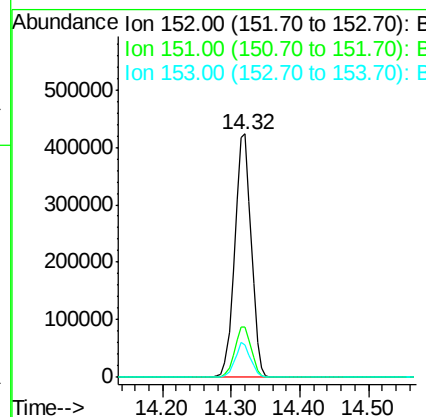
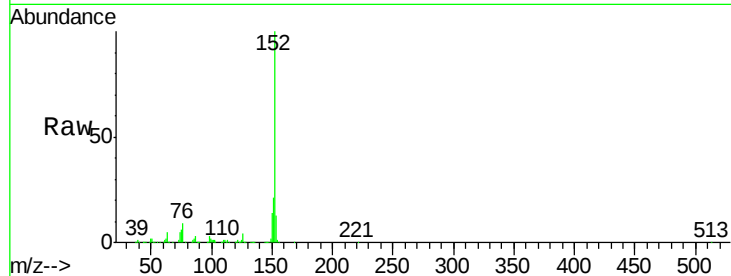
ClientSampleId :

PB129333BS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.4	26.2
153	13.3	10.7	16.1

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#50

Dimethylphthalate

Concen: 49.56 ng

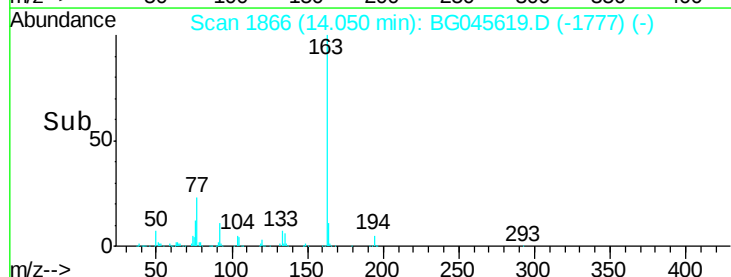
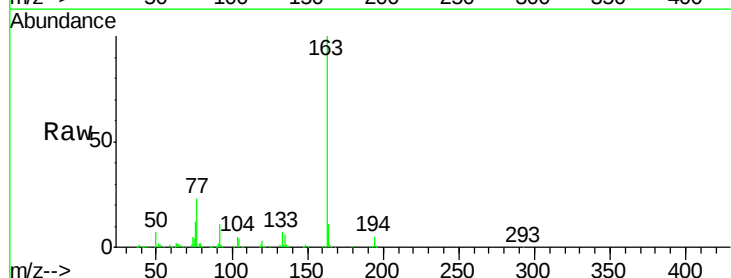
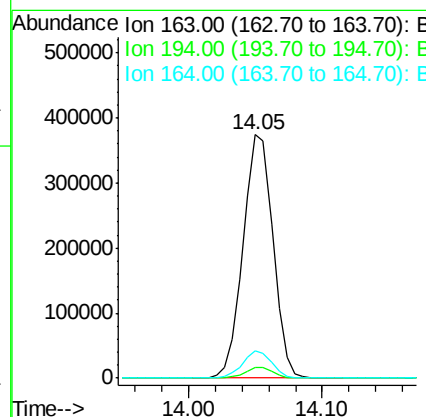
RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG045619.D

Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.2	4.8
164	11.2	8.3	12.5





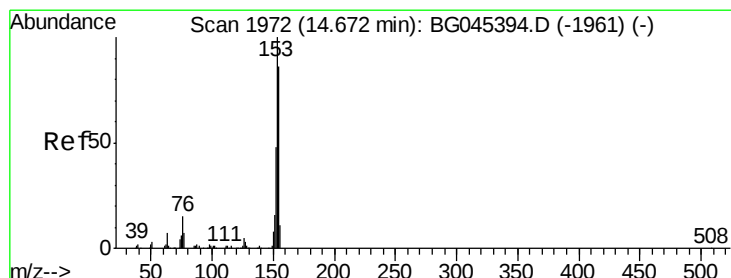
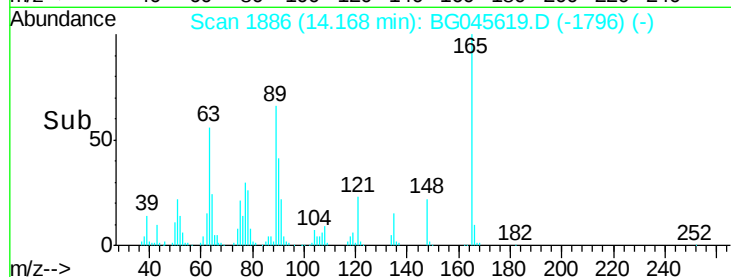
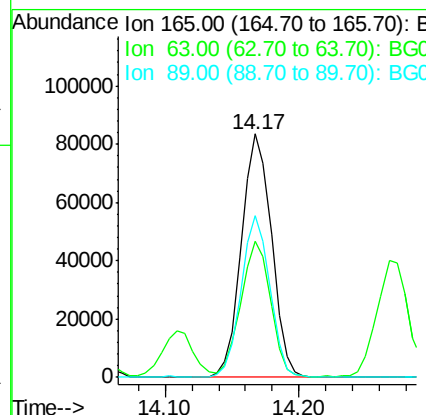
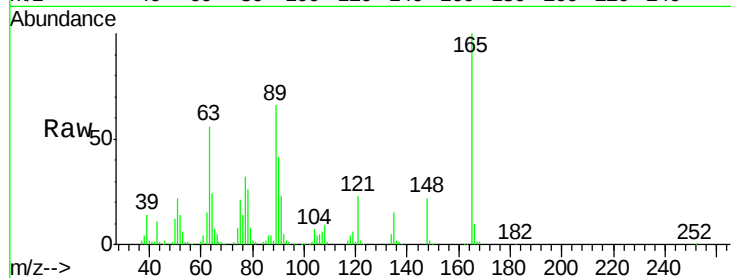
#51
2,6-Dinitrotoluene
Concen: 49.47 ng
RT: 14.17 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	56.0	45.0	67.4
89	66.5	50.2	75.4

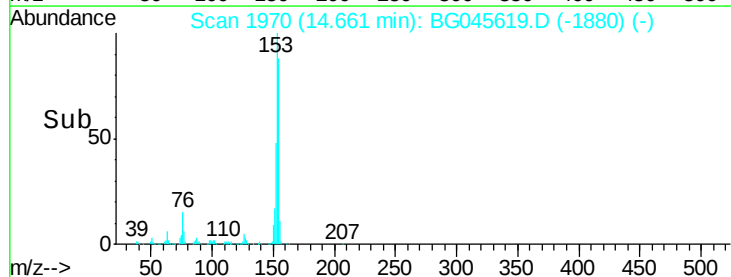
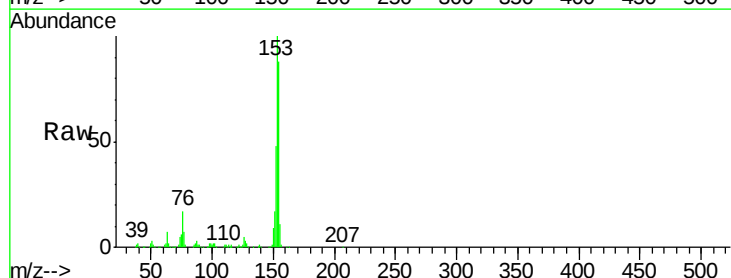
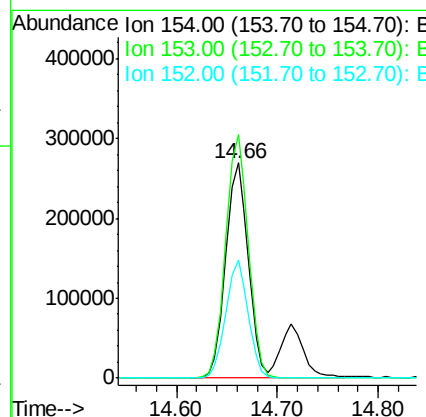
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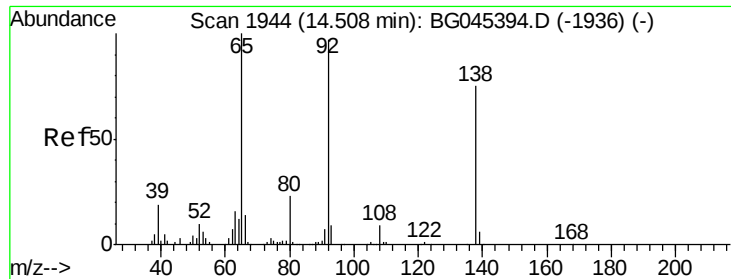
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#52
Acenaphthene
Concen: 57.56 ng m
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

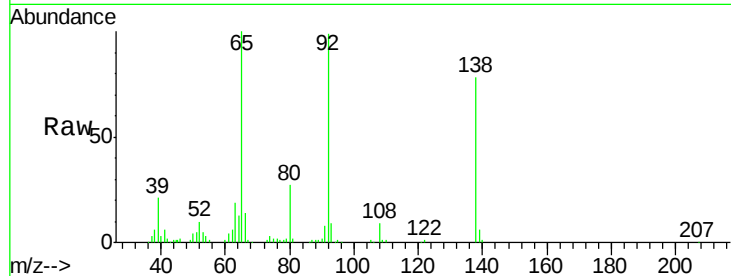
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	113.1	92.8	139.2
152	54.6	44.6	66.8





#53
3-Nitroaniline
Concen: 30.65 ng
RT: 14.50 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

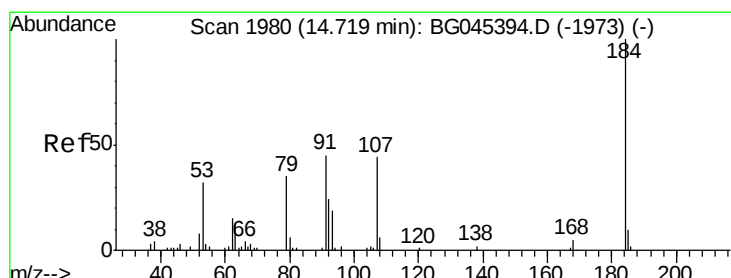
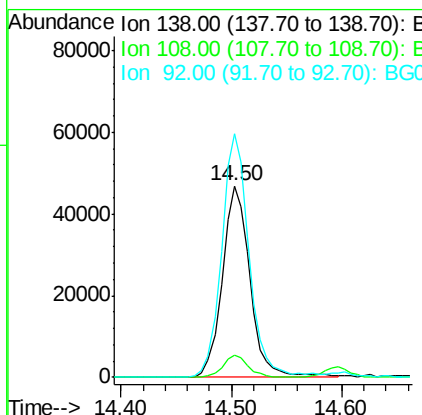
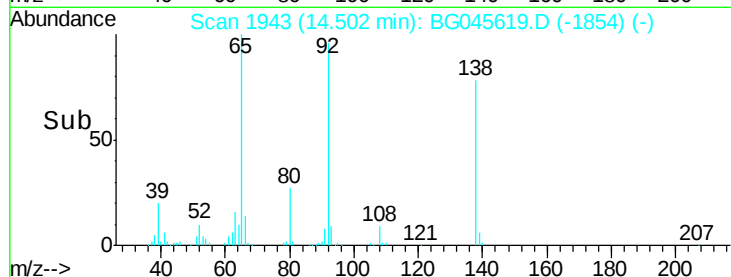
Instrument :
BNA_G
ClientSampleId :
PB129333BS



Tgt Ion:138 Resp: 82026
Ion Ratio Lower Upper
138 100
108 11.5 9.8 14.6
92 127.2 103.0 154.4

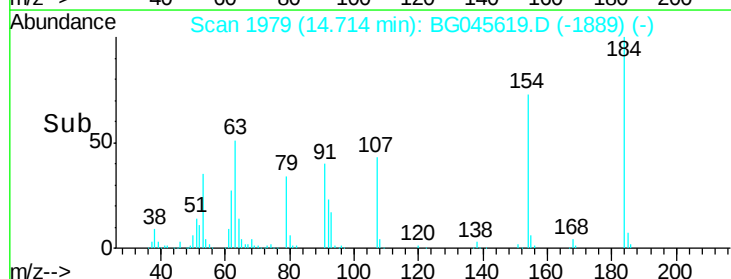
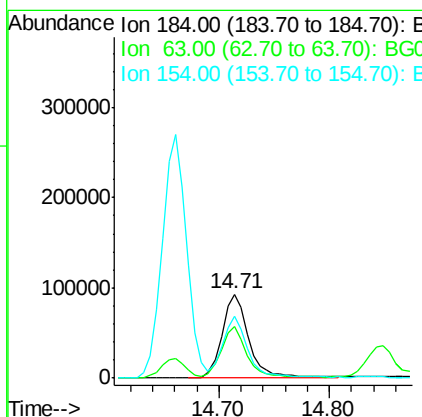
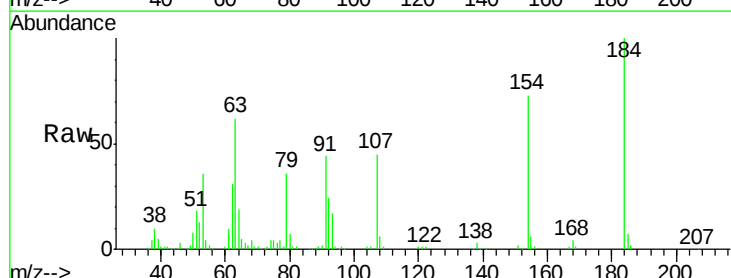
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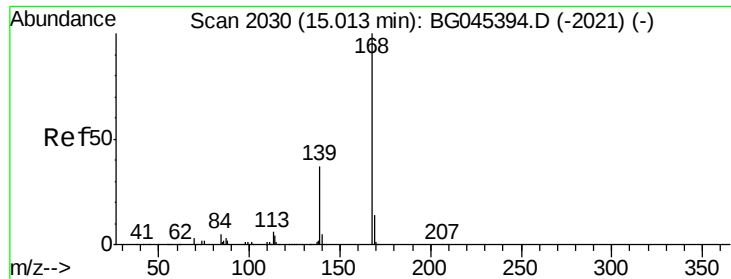
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#54
2,4-Dinitrophenol
Concen: 91.08 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion:184 Resp: 158454
Ion Ratio Lower Upper
184 100
63 61.5 47.8 71.6
154 73.3 58.3 87.5





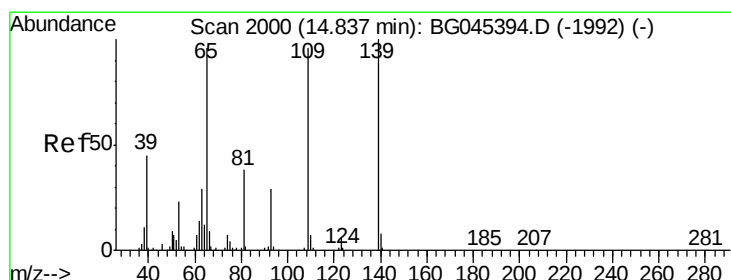
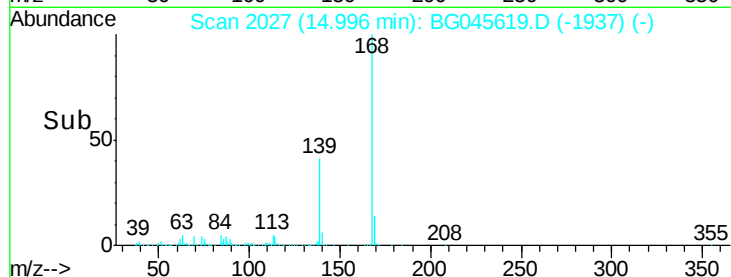
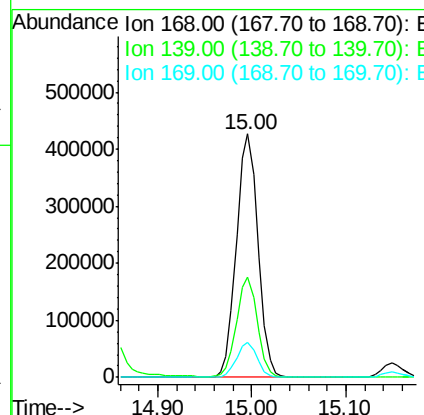
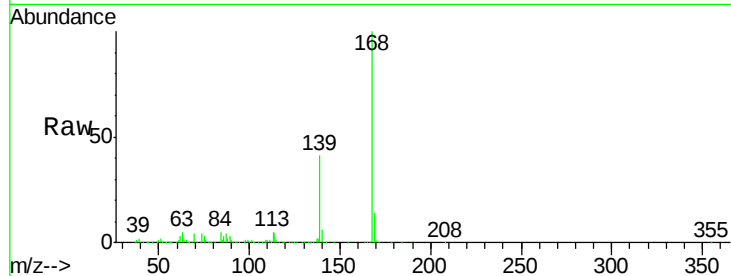
#55
Dibenzofuran
Concen: 50.29 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	681368		
139	41.3	29.9	44.9	
169	14.1	10.9	16.3	

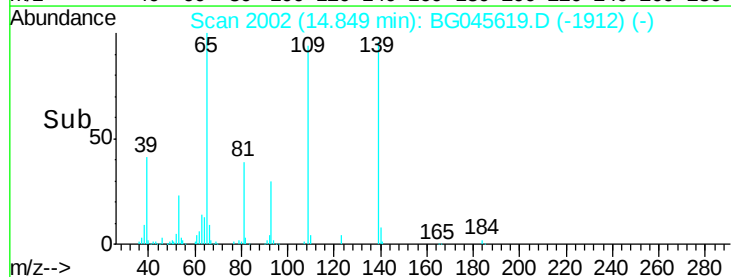
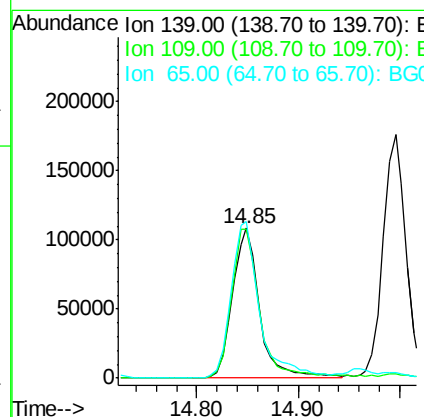
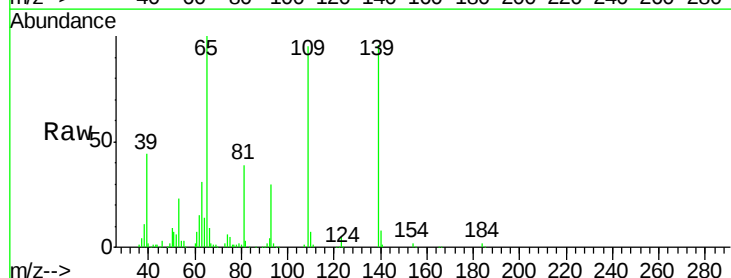
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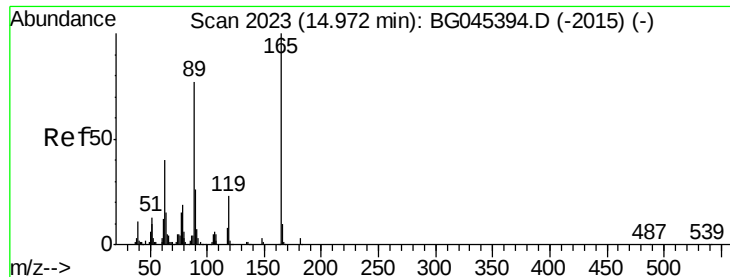
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#56
4-Nitrophenol
Concen: 99.32 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	201217		
109	99.2	75.6	115.6	
65	104.2	76.8	116.8	





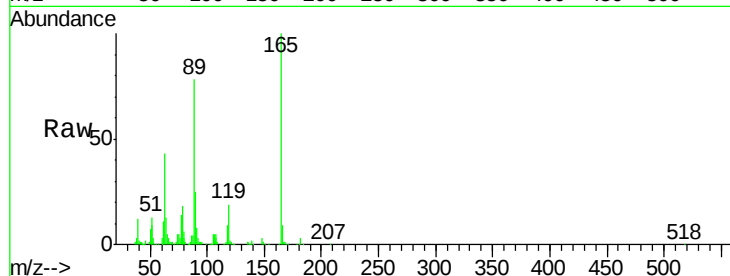
#57
2,4-Dinitrotoluene
Concen: 49.66 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	42.6	32.5	48.7
89	77.6	61.8	92.6
182	2.7	2.3	3.5

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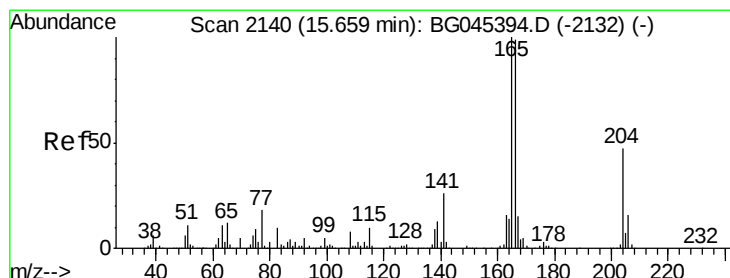
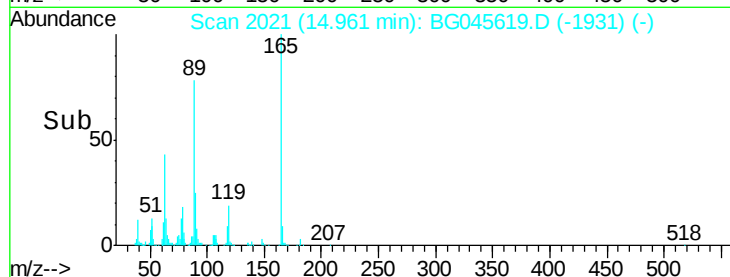
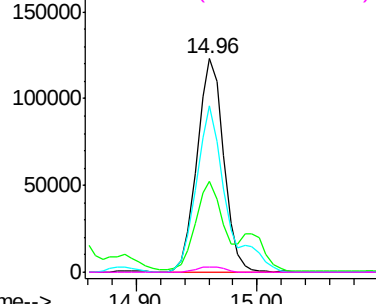


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



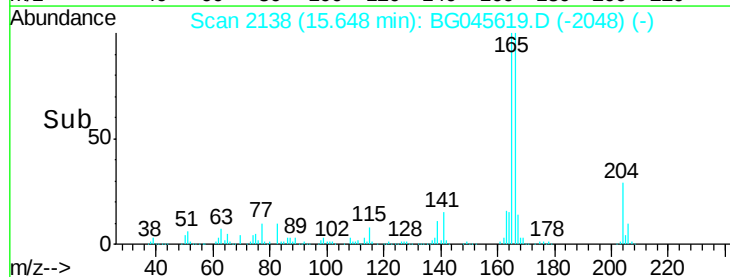
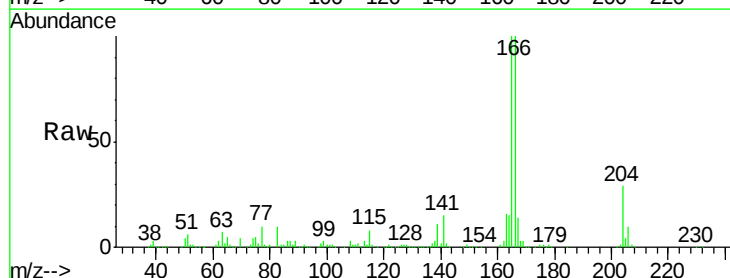
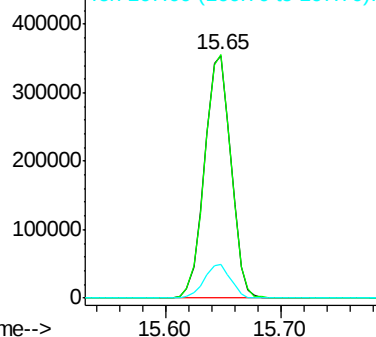
#58
Fluorene
Concen: 50.30 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

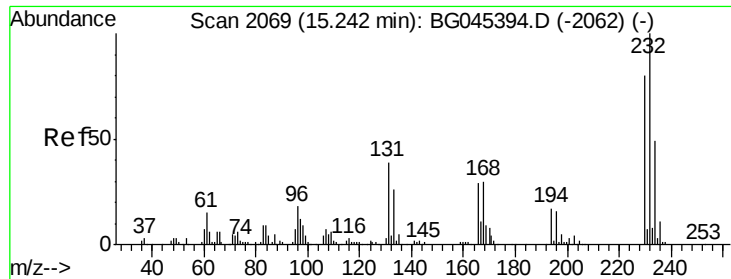
Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	100.4	80.8	121.2
167	14.0	12.0	18.0

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





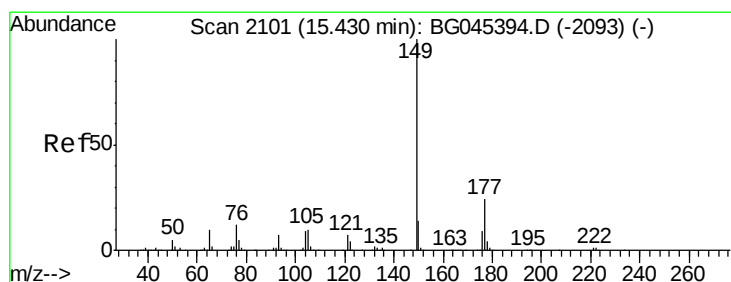
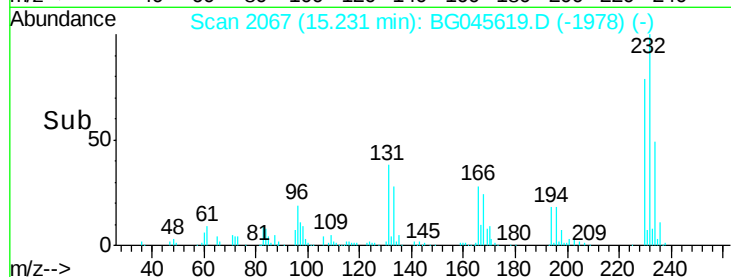
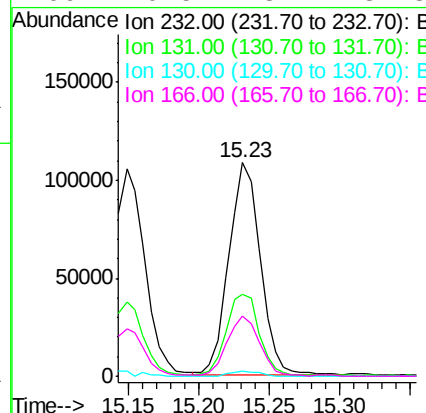
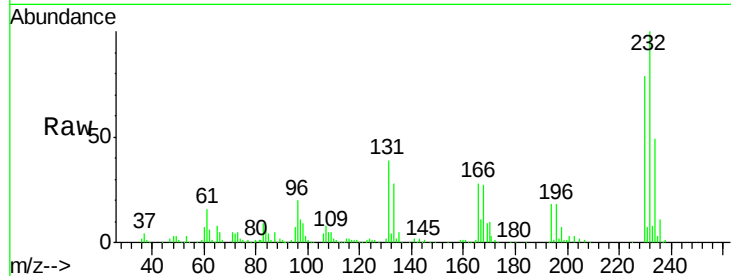
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.99 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.00 min
 Lab File: BG045619.D
 Acq: 5 Jun 2020 16:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	169166		
131	40.8	33.7	50.5	
130	2.2	2.1	3.1	
166	29.5	23.2	34.8	

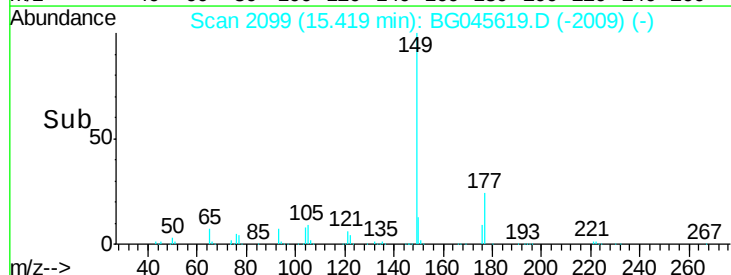
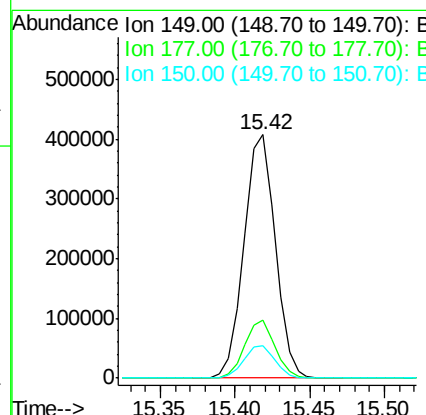
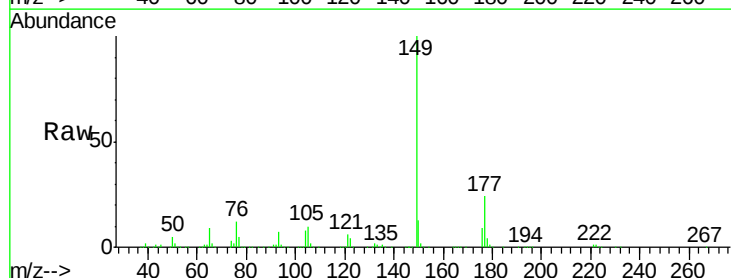
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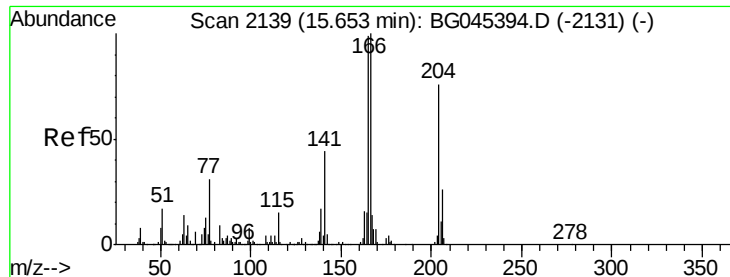
mohammad
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#60
 Diethylphthalate
 Concen: 48.63 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG045619.D
 Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	590533		
177	23.8	19.0	28.4	
150	13.4	11.4	17.0	





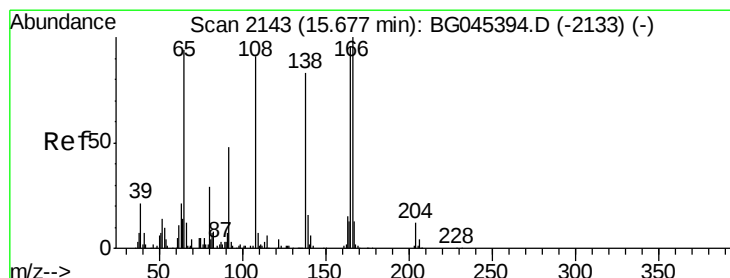
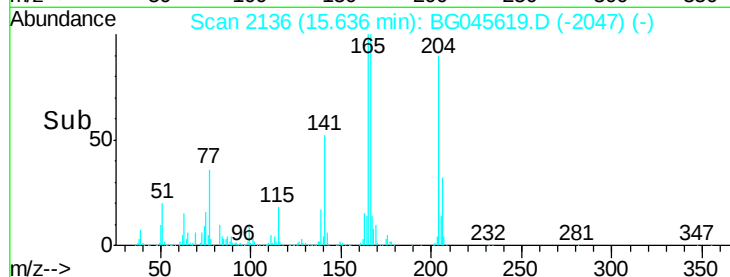
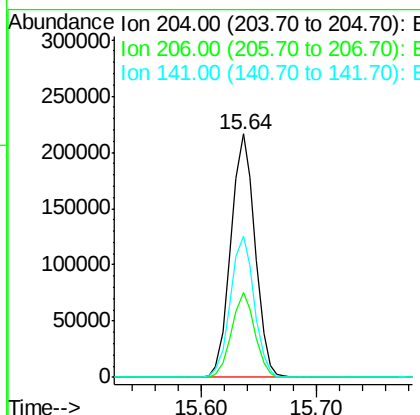
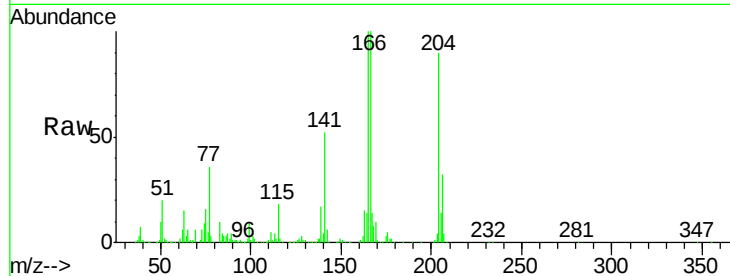
#61
4-Chlorophenyl-phenylether
Concen: 49.24 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	313619		
206	35.0	27.3	40.9	
141	57.9	45.9	68.9	

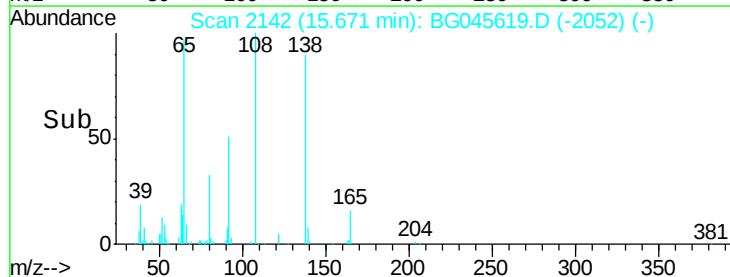
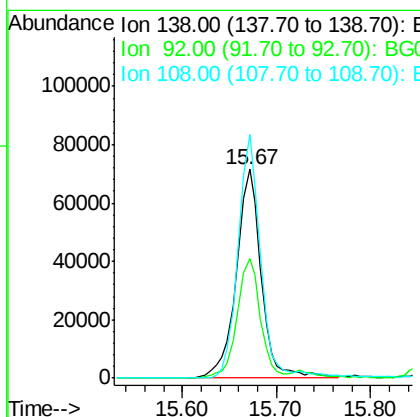
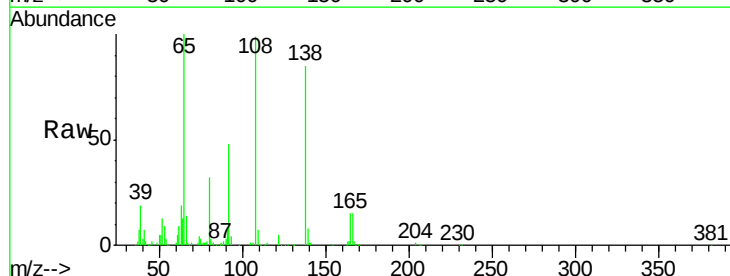
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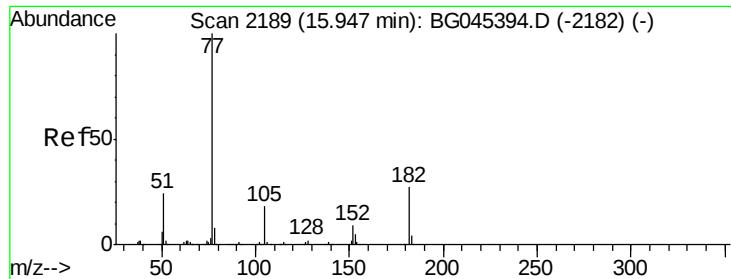
mohammad
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#62
4-Nitroaniline
Concen: 47.30 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	132149		
92	56.9	38.0	78.0	
108	116.5	89.3	129.3	





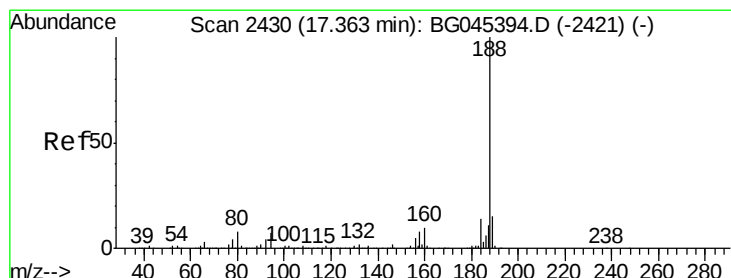
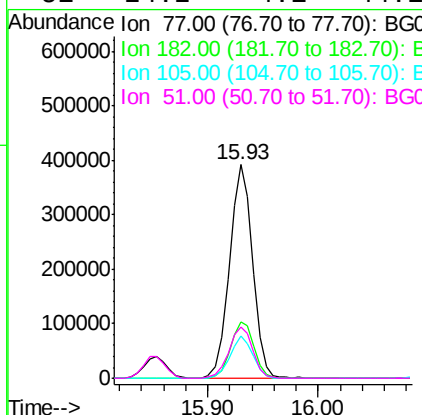
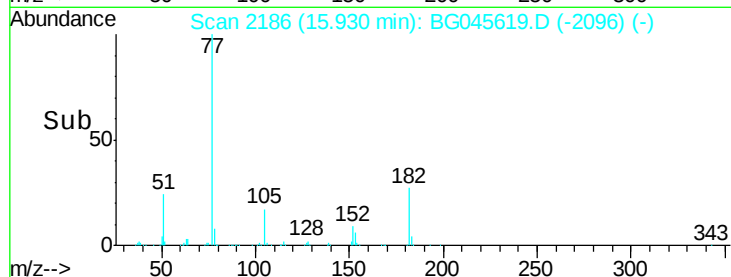
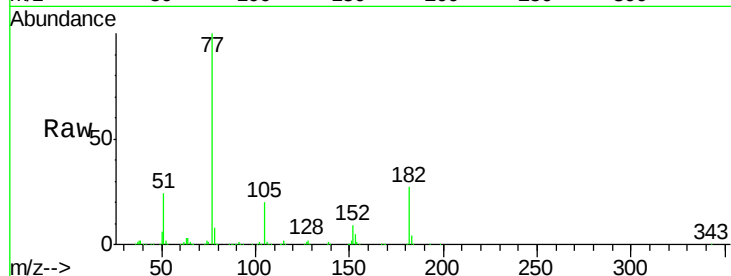
#63
Azobenzene
Concen: 50.62 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	573125		
182	26.6	6.5	46.5	
105	19.6	0.0	37.9	
51	24.2	4.1	44.1	

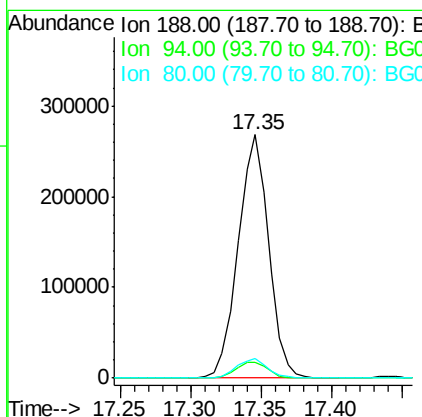
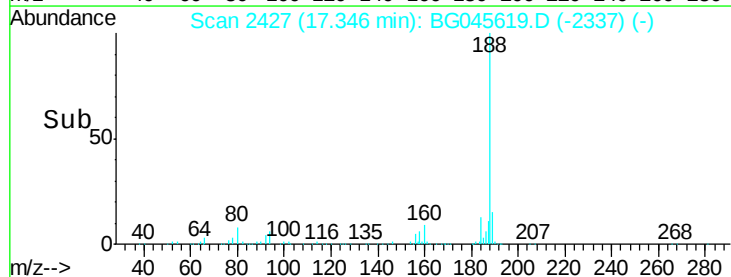
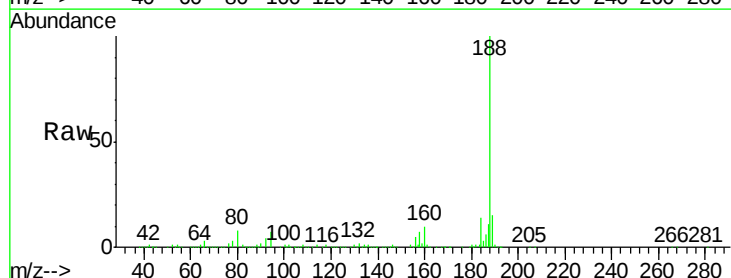
Manual Integrations
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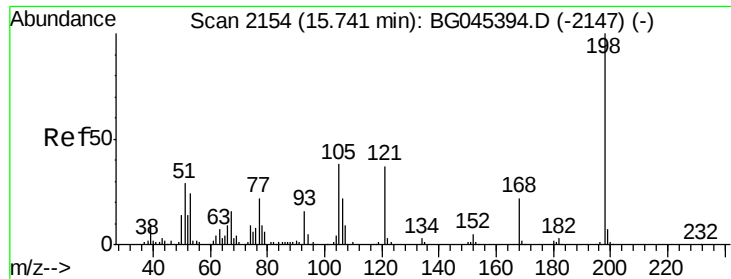
mohammad
6/8/2020 12:50:10 PM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	404018		
94	6.7	5.5	8.3	
80	8.0	6.6	10.0	





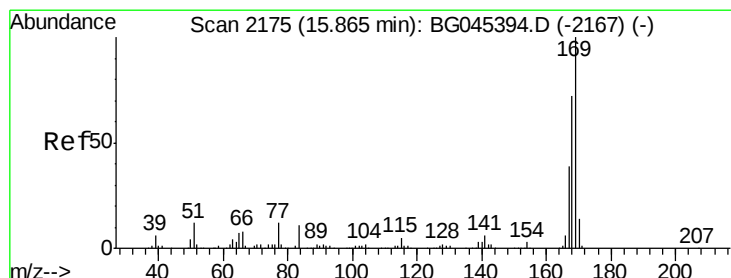
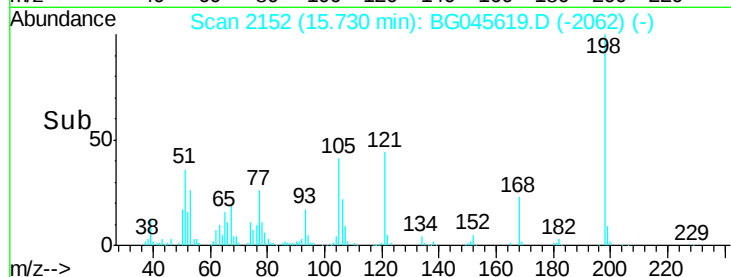
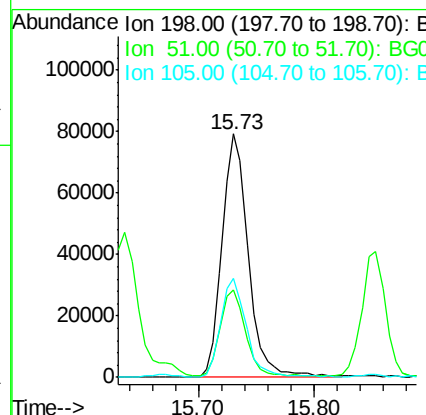
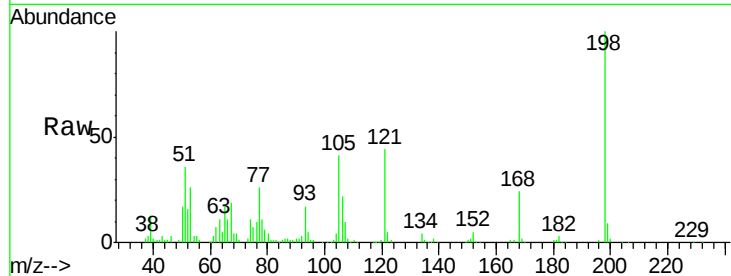
#65
4,6-Dinitro-2-methylphenol
Concen: 53.06 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	124857		
51	35.8	10.0	50.0	
105	40.7	18.9	58.9	

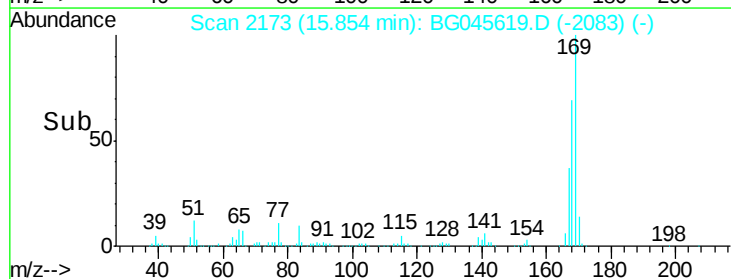
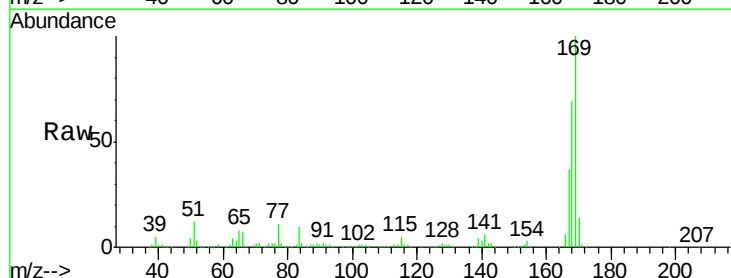
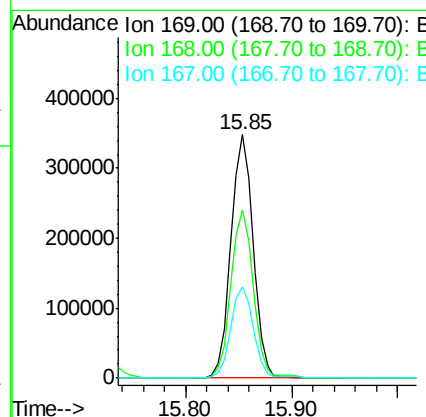
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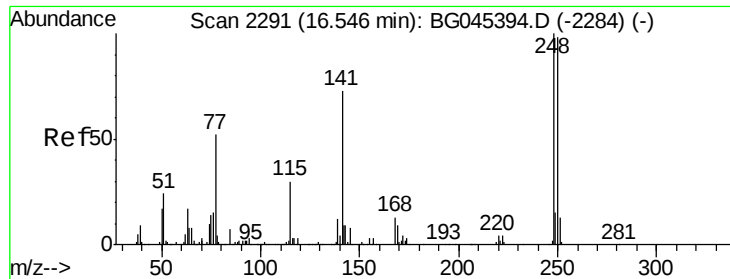
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 52.19 ng
RT: 15.85 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	506295		
168	69.0	57.8	86.6	
167	37.5	31.5	47.3	





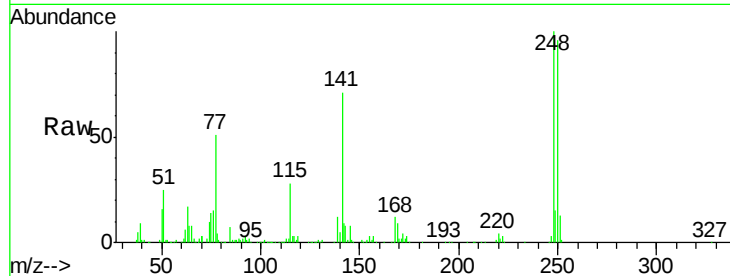
#67
4-Bromophenyl-phenylether
Concen: 49.68 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleId :
PB129333BS

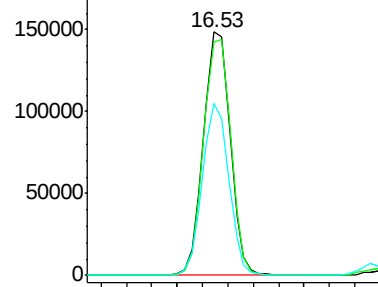
Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.7	78.6	117.8
141	70.8	58.2	87.2

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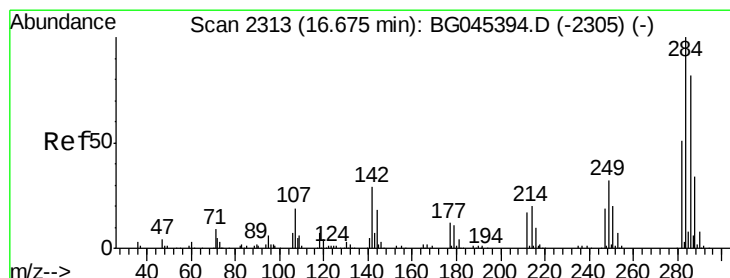
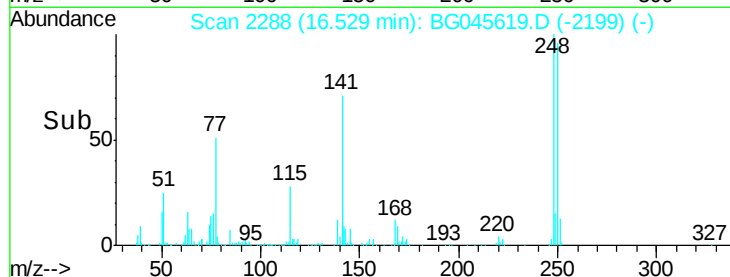
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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

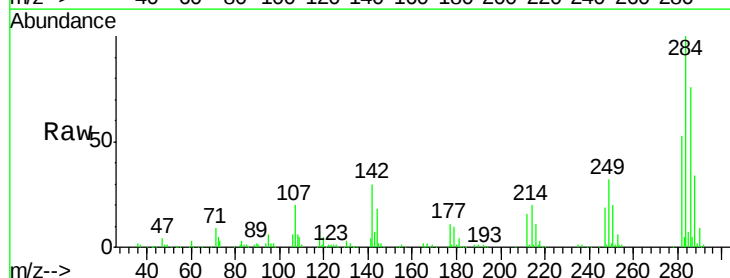


Time-->

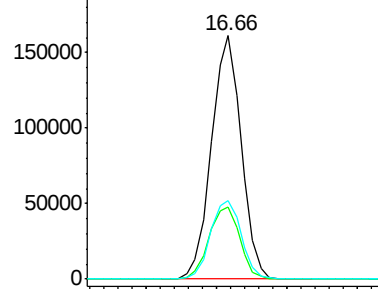


#68
Hexachlorobenzene
Concen: 51.87 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

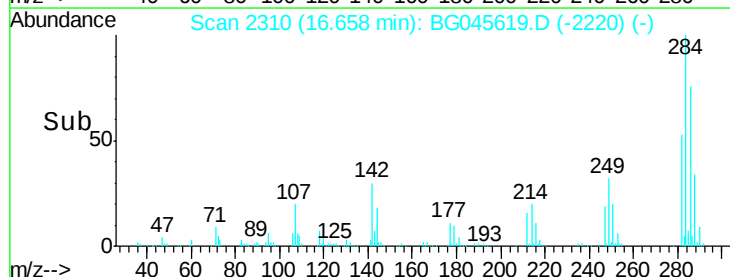
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	23.0	34.6
249	32.5	25.8	38.6

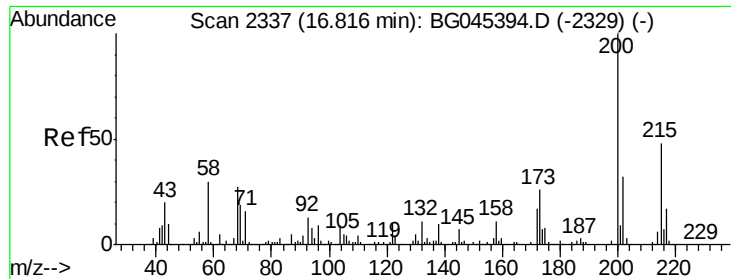


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time-->





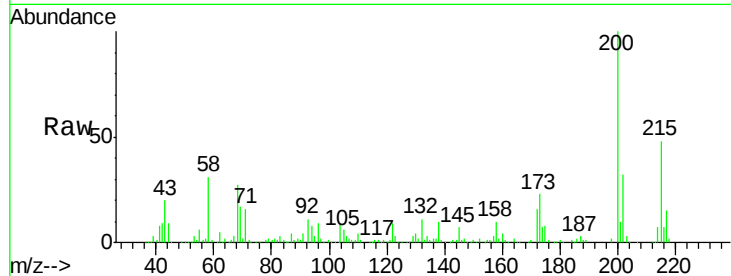
#69
Atrazine
Concen: 48.29 ng
RT: 16.81 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleId :
PB129333BS

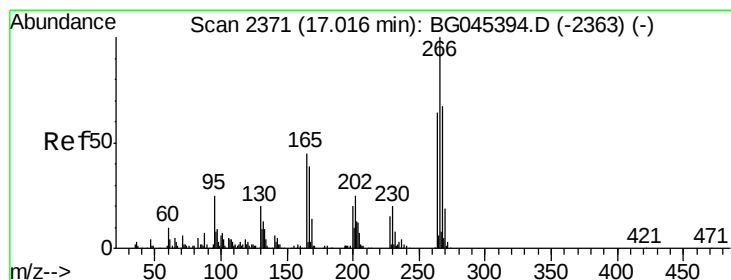
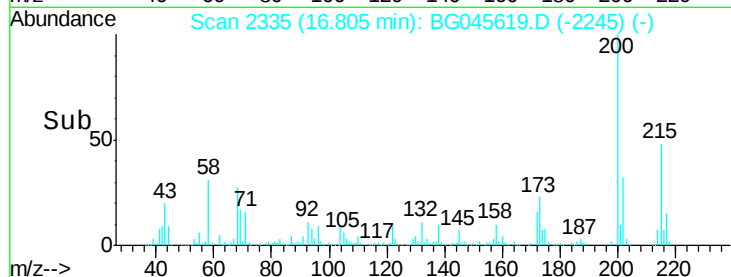
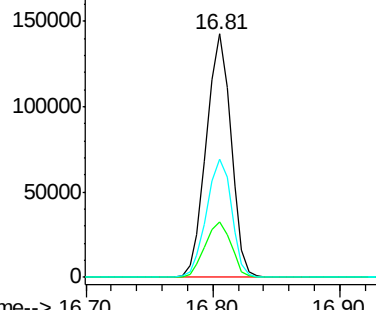
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	192940		
173	22.8	5.5	45.5	
215	48.4	28.2	68.2	

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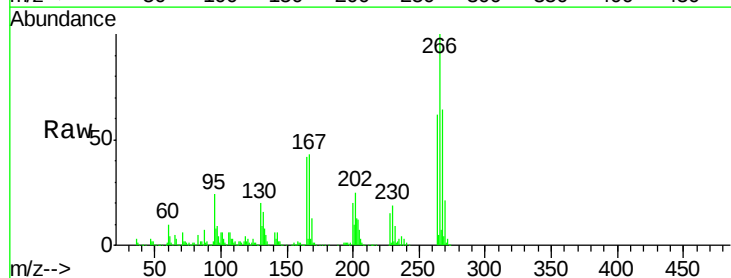


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

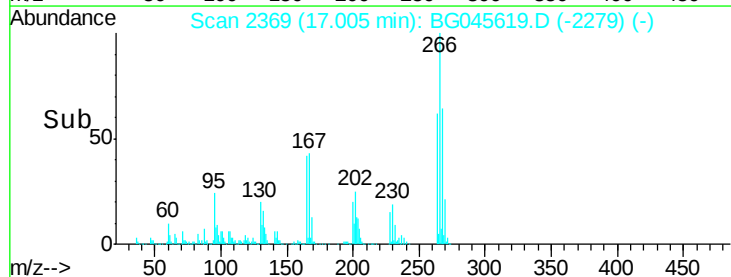
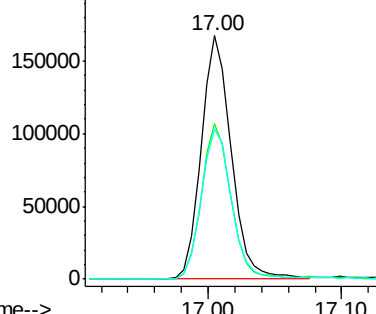


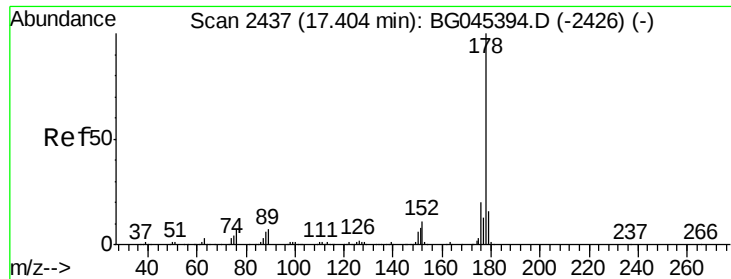
#70
Pentachlorophenol
Concen: 110.77 ng
RT: 17.00 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	263175		
268	63.9	53.2	79.8	
264	61.7	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





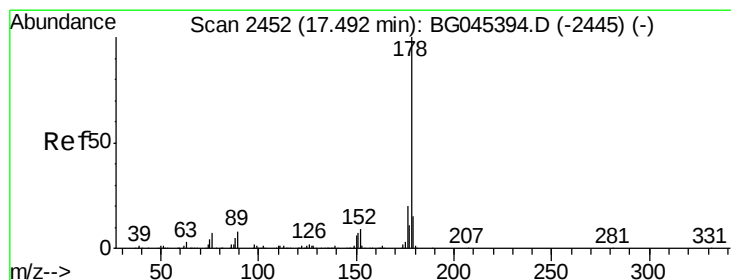
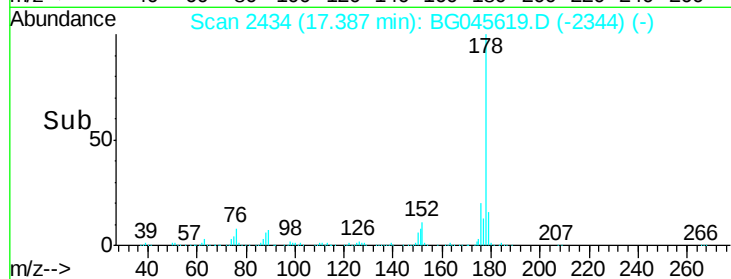
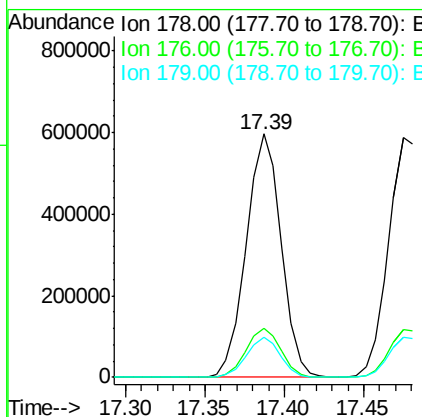
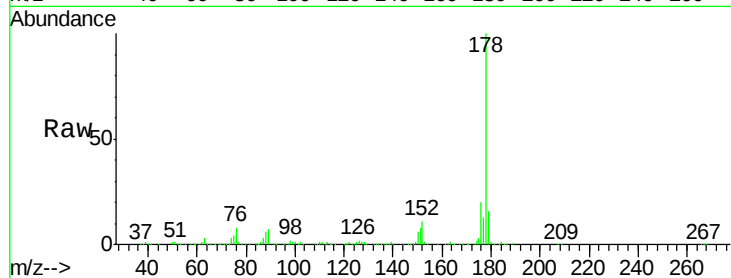
#71
Phenanthrene
Concen: 51.82 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	16.4	13.1	19.7

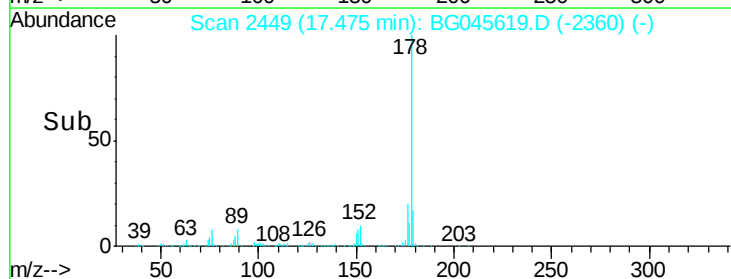
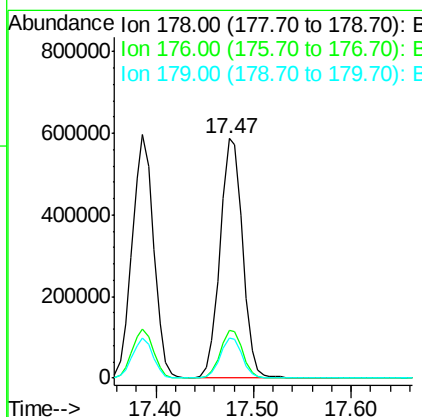
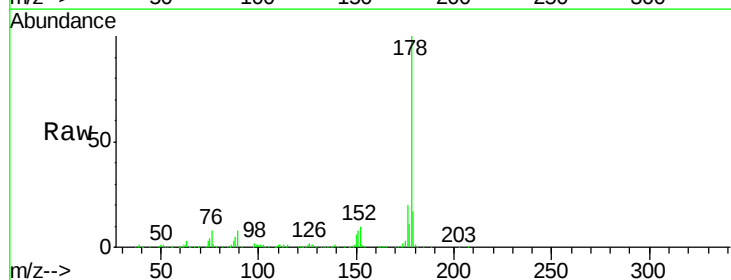
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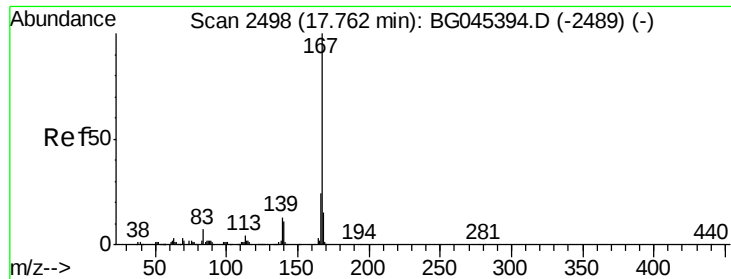
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#72
Anthracene
Concen: 53.02 ng
RT: 17.47 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	16.9	12.2	18.4





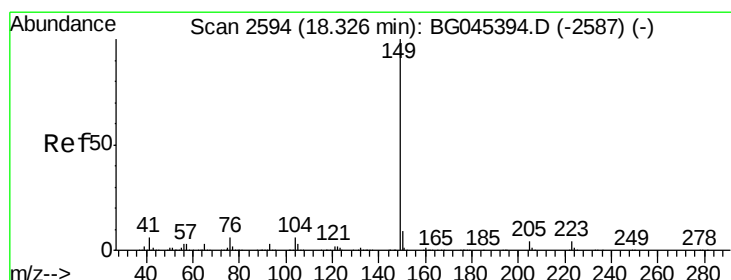
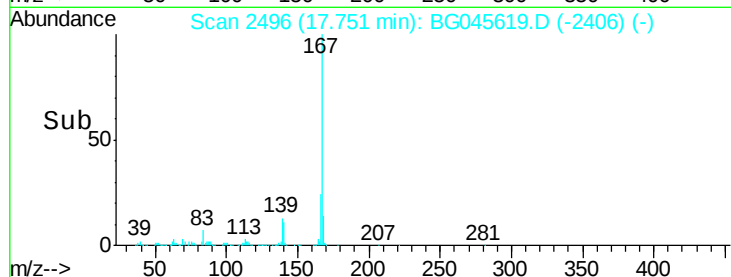
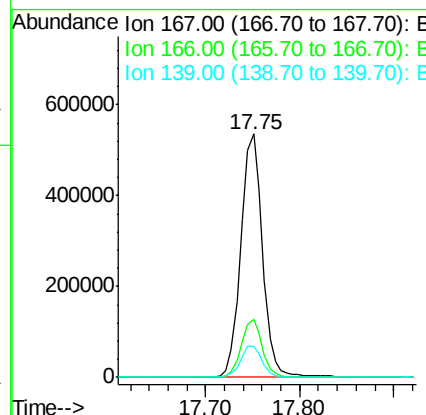
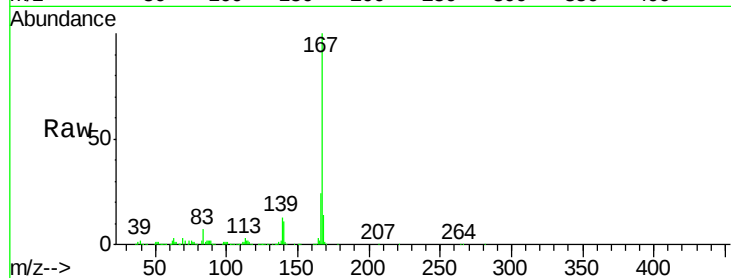
#73
 Carbazole
 Concen: 49.82 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: BG045619.D
 Acq: 5 Jun 2020 16:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.2	28.8
139	12.9	10.6	16.0

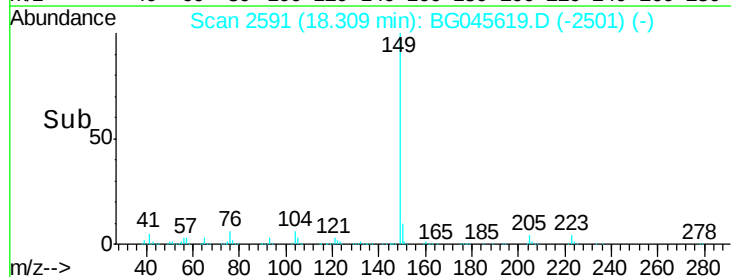
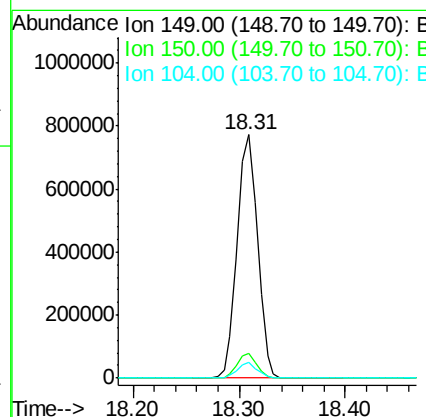
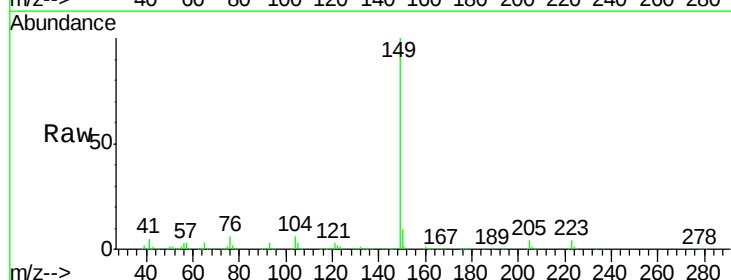
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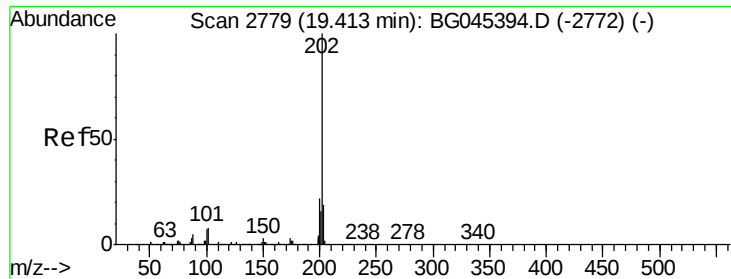
mohammad
 6/8/2020 12:50:10 PM



#74
 Di-n-butylphthalate
 Concen: 49.58 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG045619.D
 Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.6	11.4
104	6.4	5.0	7.4





#75

Fluoranthene

Concen: 51.65 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG045619.D

Acq: 5 Jun 2020 16:38

Instrument :

BNA_G

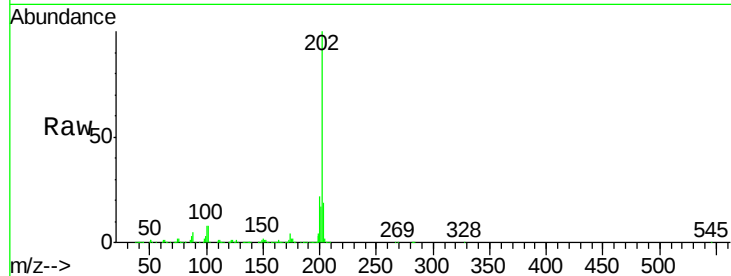
ClientSampleId :

PB129333BS

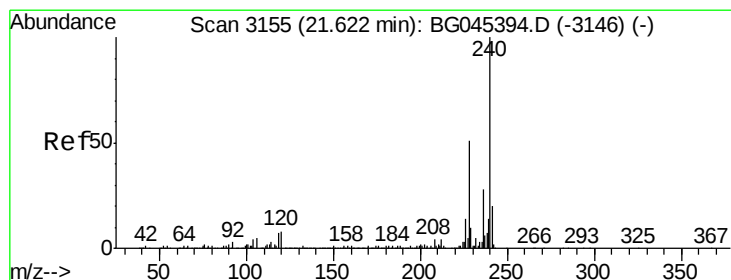
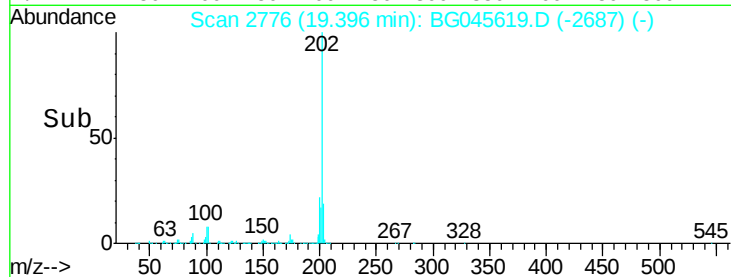
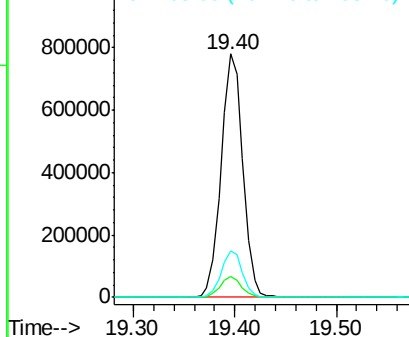
Tgt	Ion	202	Resp:	1158659
Ion	Ratio	Lower	Upper	
202	100			
101	8.5	0.0	28.3	
203	19.1	0.0	39.0	

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



#76

Chrysene-d12

Concen: 20.00 ng

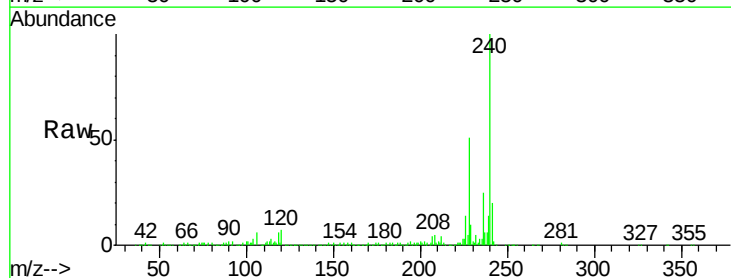
RT: 21.60 min Scan# 3152

Delta R.T. 0.00 min

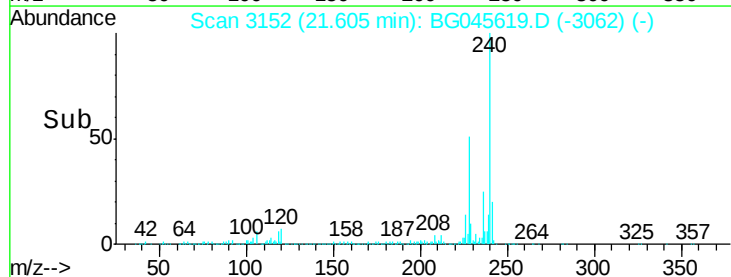
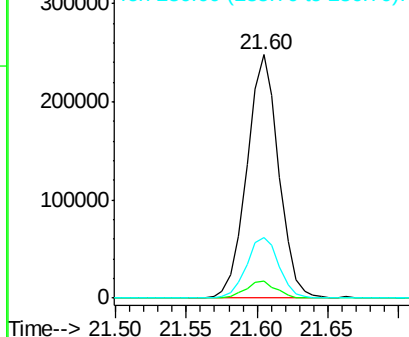
Lab File: BG045619.D

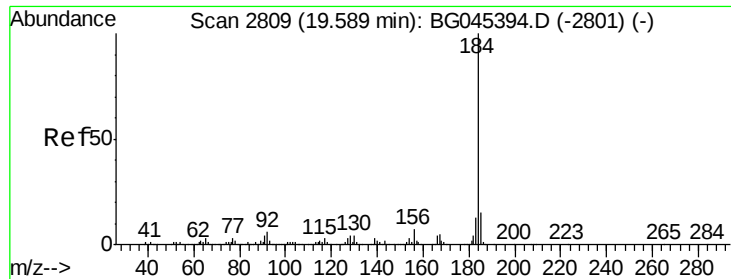
Acq: 5 Jun 2020 16:38

Tgt	Ion	240	Resp:	391236
Ion	Ratio	Lower	Upper	
240	100			
120	6.9	6.1	9.1	
236	24.9	22.3	33.5	



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





#77

Benzidine

Concen: 46.39 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045619.D

Acq: 5 Jun 2020 16:38

Instrument :

BNA_G

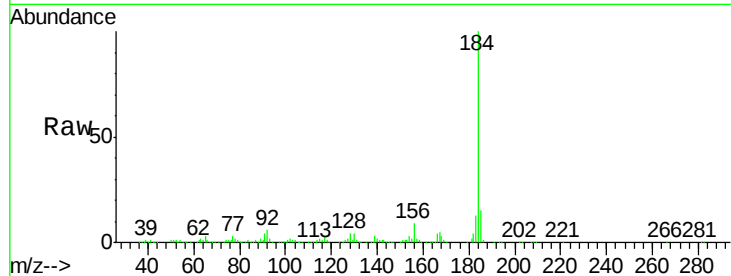
ClientSampleId :

PB129333BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	509790		
185	14.8		11.7	17.5
183	12.8		10.2	15.4

Manual Integrations
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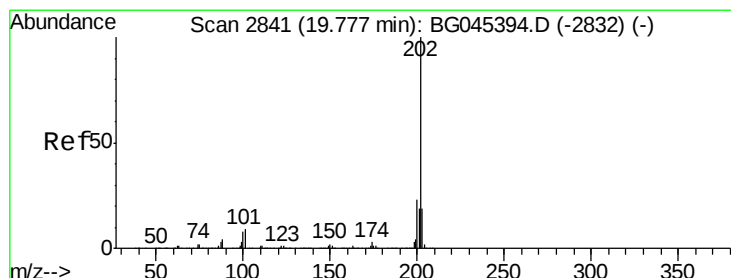
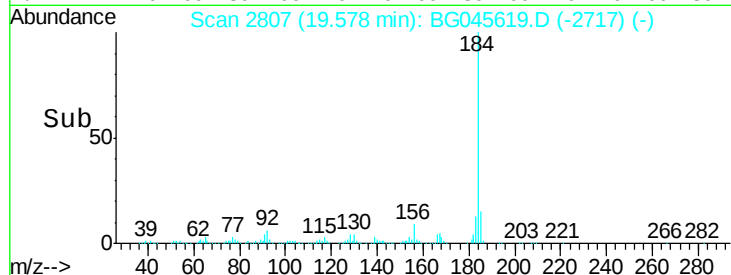
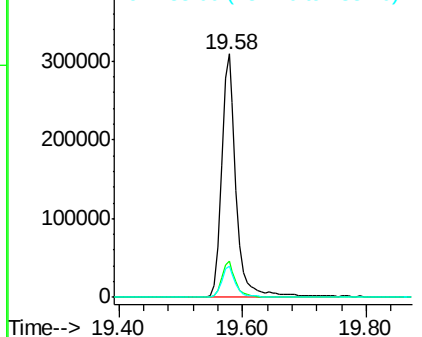


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.17 ng

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG045619.D

Acq: 5 Jun 2020 16:38

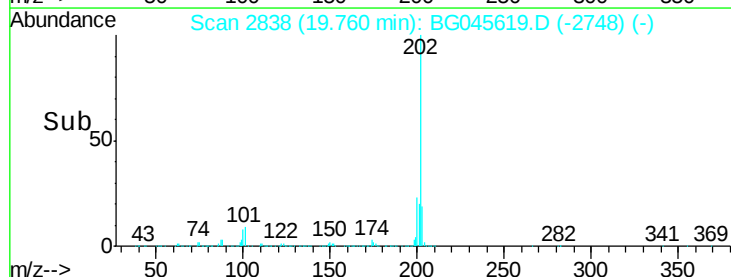
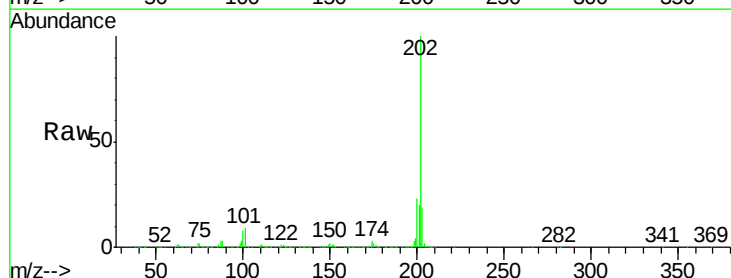
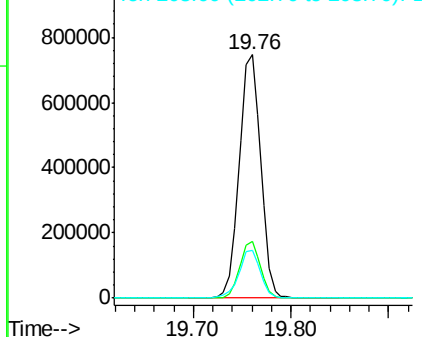
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1141194		
200	23.1		18.2	27.2
203	19.4		15.1	22.7

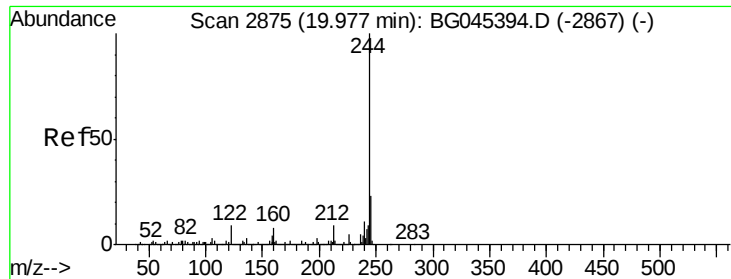
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





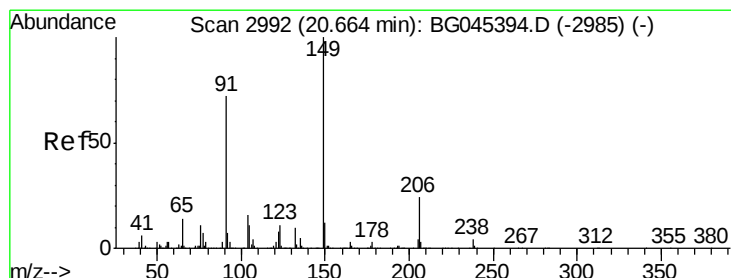
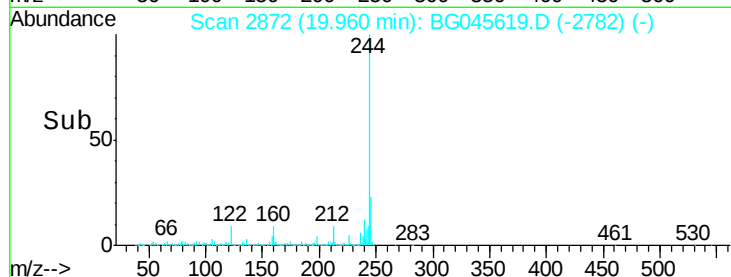
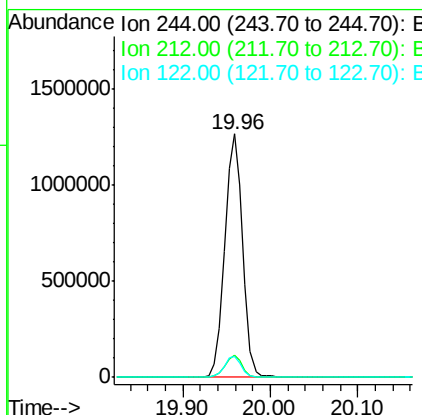
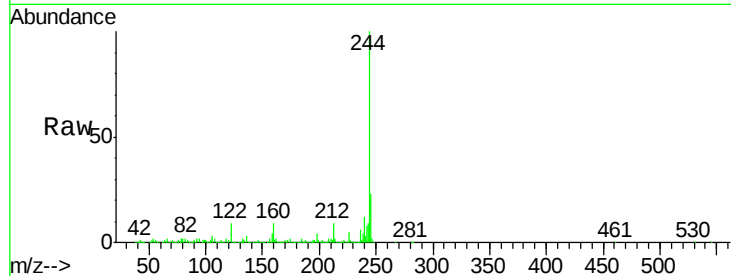
#79
 Terphenyl-d14
 Concen: 106.05 ng
 RT: 19.96 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: BG045619.D
 Acq: 5 Jun 2020 16:38

Instrument :
 BNA_G
 ClientSampleId :
 PB129333BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.4	11.0
122	8.7	6.8	10.2

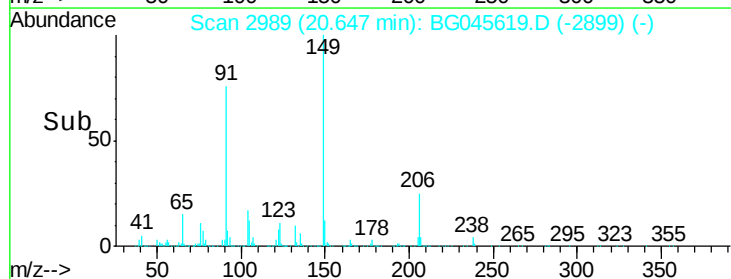
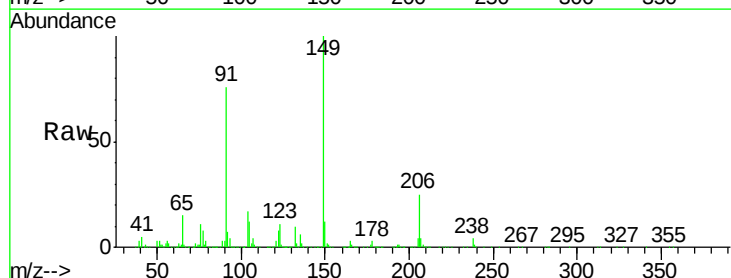
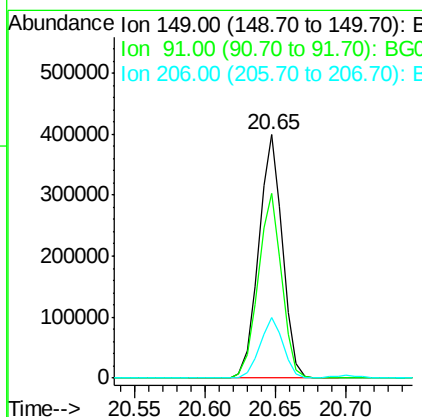
Manual Integrations
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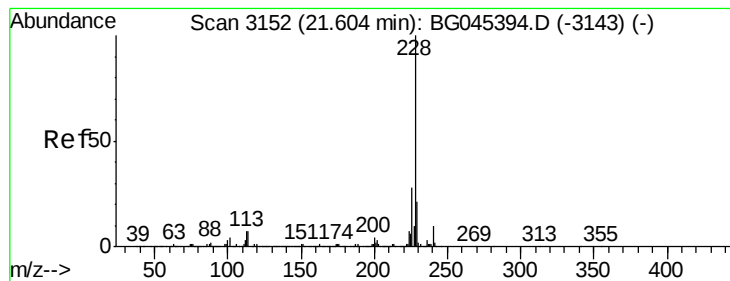
mohammad
 6/8/2020 12:50:10 PM



#80
 Butylbenzylphthalate
 Concen: 49.00 ng
 RT: 20.65 min Scan# 2989
 Delta R.T. 0.00 min
 Lab File: BG045619.D
 Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.7	57.8	86.6
206	24.9	19.1	28.7





#81

Benzo(a)anthracene

Concen: 51.34 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045619.D

Acq: 5 Jun 2020 16:38

Instrument :

BNA_G

ClientSampleId :

PB129333BS

Tgt Ion:228 Resp: 1118887

Ion Ratio Lower Upper

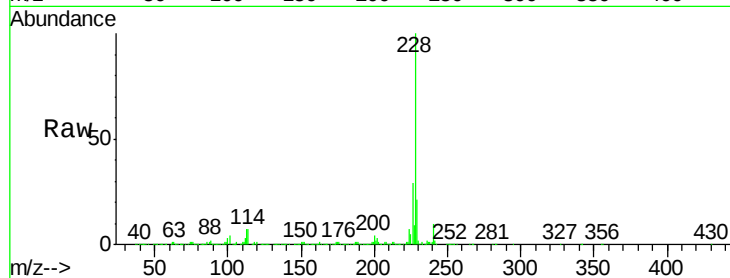
228 100

226 29.3 22.7 34.1

229 20.8 16.7 25.1

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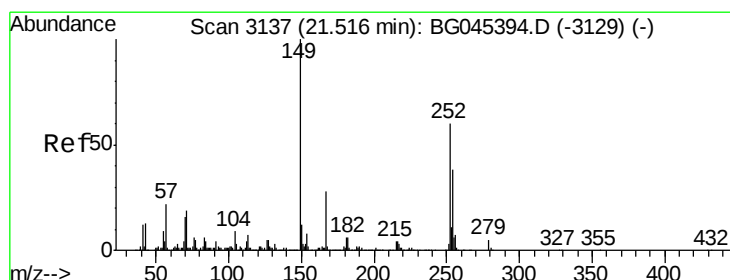
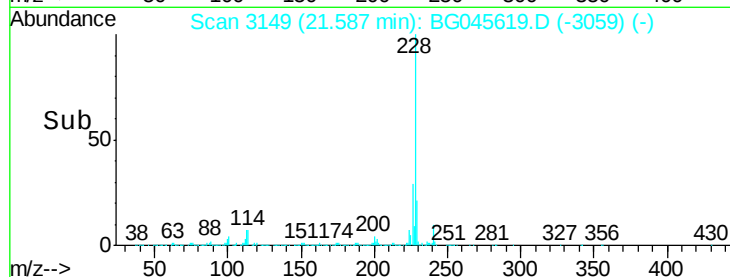
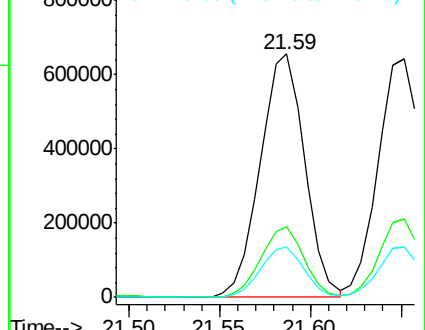
mohammad
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.39 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG045619.D

Acq: 5 Jun 2020 16:38

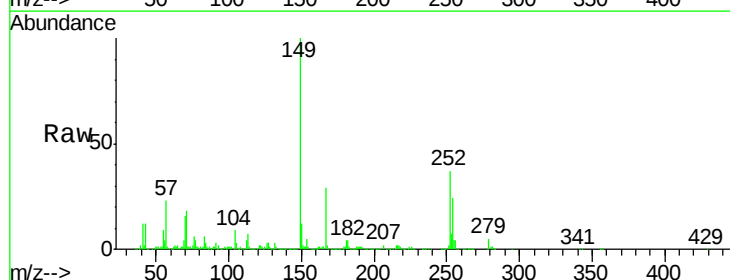
Tgt Ion:252 Resp: 293970

Ion Ratio Lower Upper

252 100

254 63.6 51.3 76.9

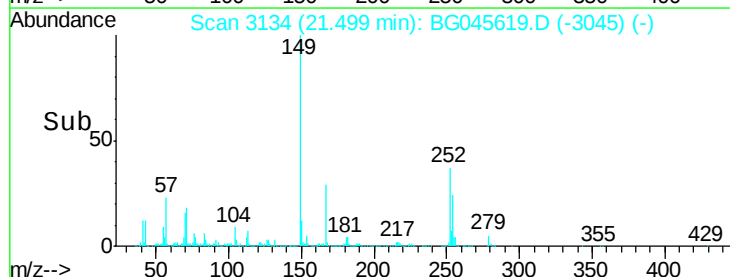
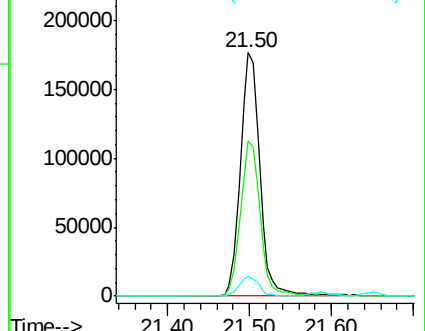
126 8.2 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 51.21 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045619.D

Acq: 5 Jun 2020 16:38

Instrument :

BNA_G

ClientSampleId :

PB129333BS

Tgt Ion:228 Resp: 1073102

Ion Ratio Lower Upper

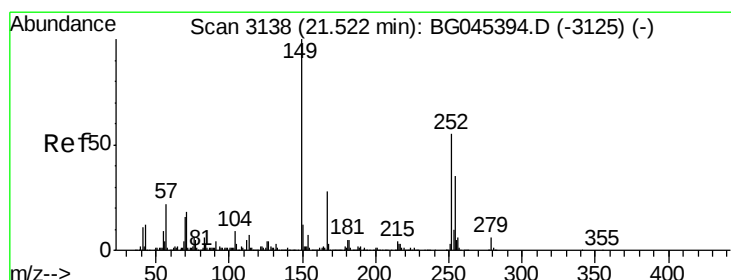
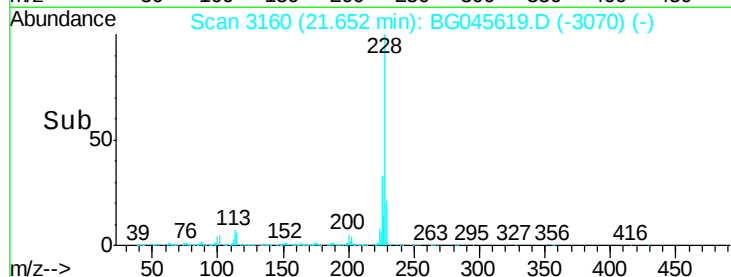
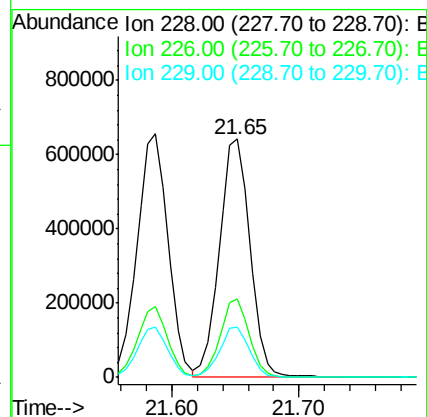
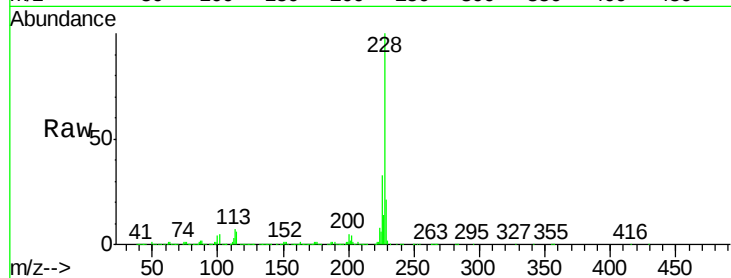
228 100

226 32.9 25.2 37.8

229 21.1 16.7 25.1

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#84

Bis(2-ethylhexyl)phthalate

Concen: 50.27 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG045619.D

Acq: 5 Jun 2020 16:38

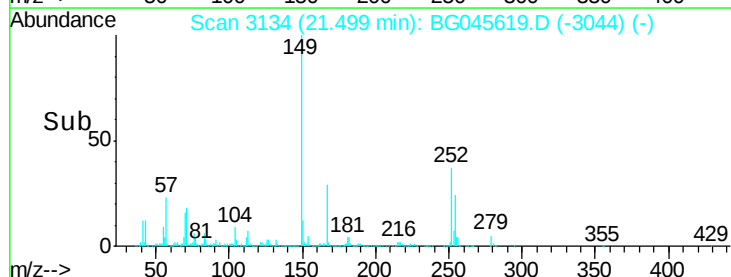
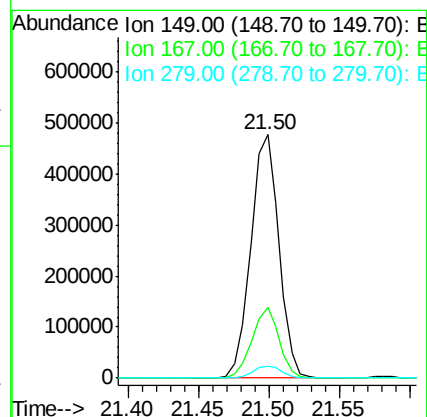
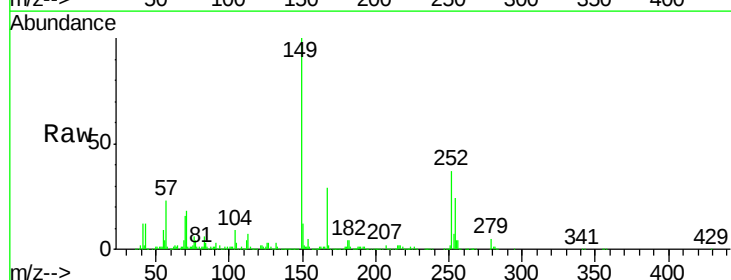
Tgt Ion:149 Resp: 665244

Ion Ratio Lower Upper

149 100

167 29.1 22.2 33.2

279 5.1 4.7 7.1





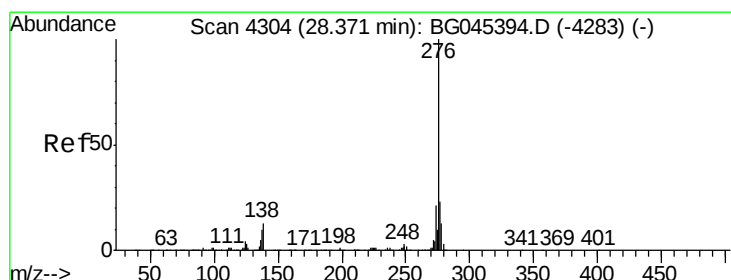
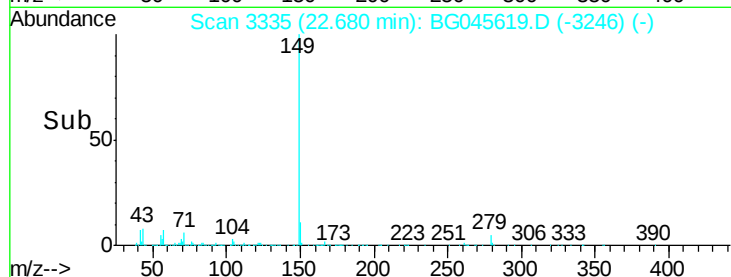
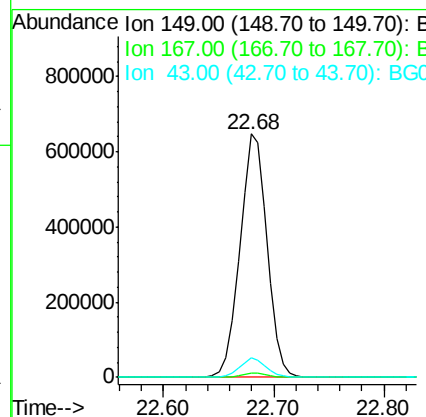
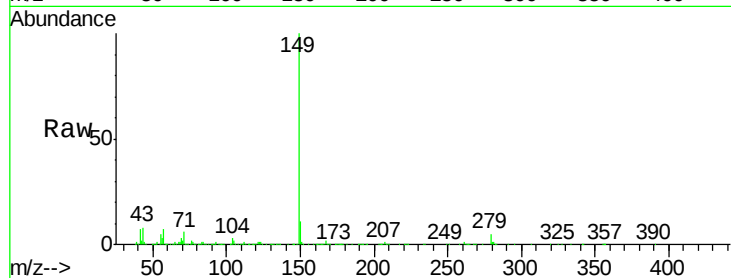
#85
Di-n-octyl phthalate
Concen: 48.97 ng
RT: 22.68 min Scan# 3335
Delta R.T. -0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.5	5.8	8.8

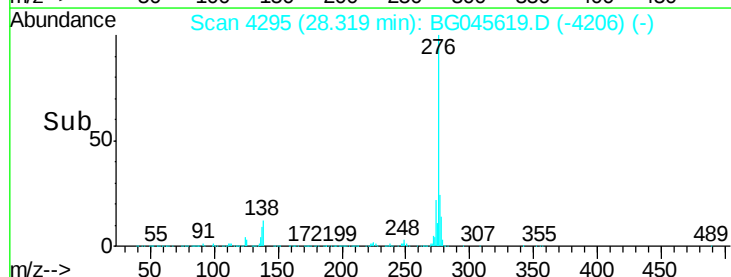
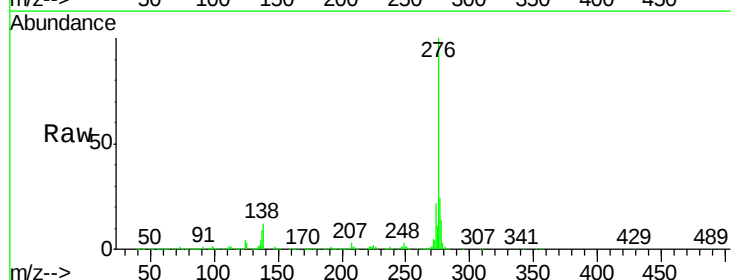
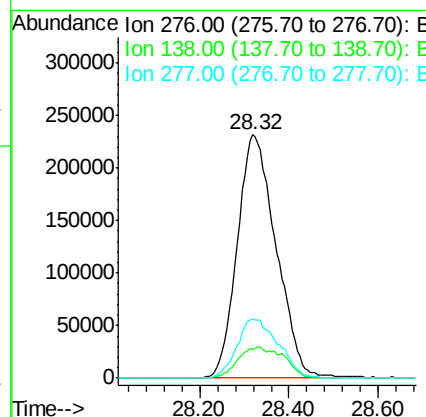
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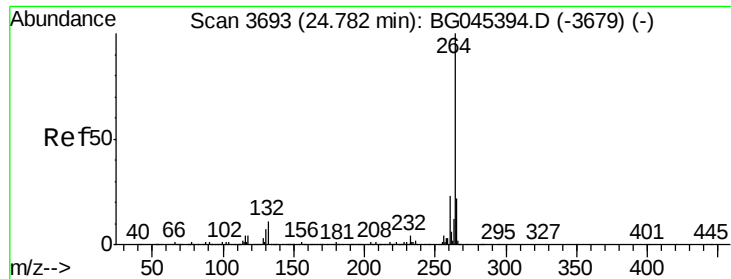
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 50.97 ng
RT: 28.32 min Scan# 4295
Delta R.T. -0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.2	8.6	12.8#
277	25.9	20.2	30.4





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.75 min Scan# 3687

Delta R.T. -0.00 min

Lab File: BG045619.D

Acq: 5 Jun 2020 16:38

Instrument :

BNA_G

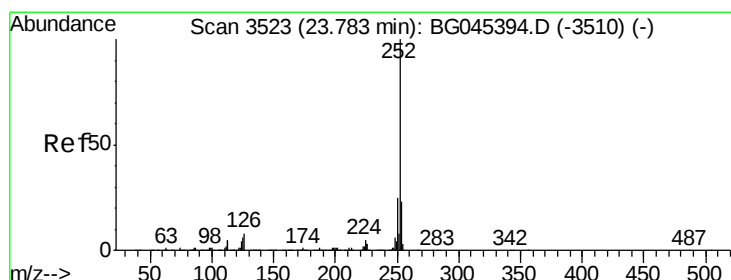
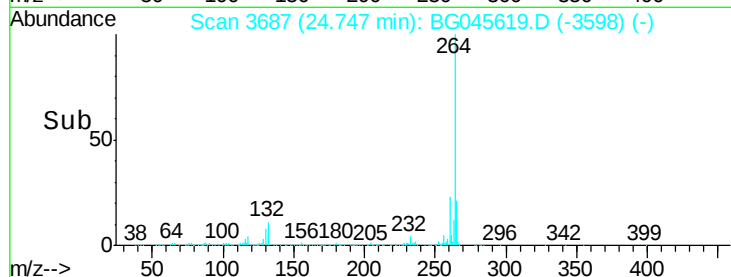
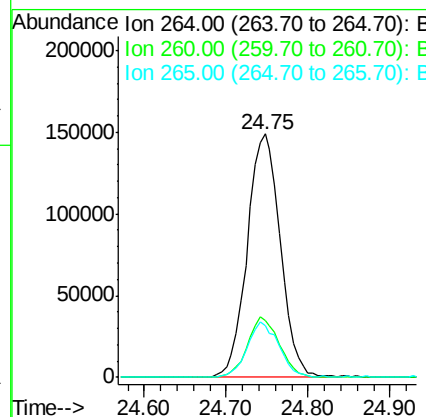
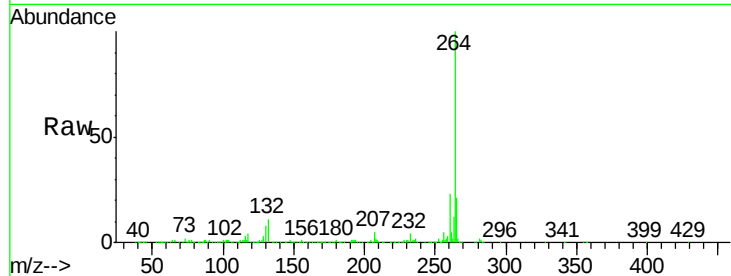
ClientSampleId :

PB129333BS

Tgt Ion:	264	Resp:	418914
Ion Ratio		Lower	Upper
264	100		
260	23.3	18.2	27.4
265	21.4	17.6	26.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 53.66 ng

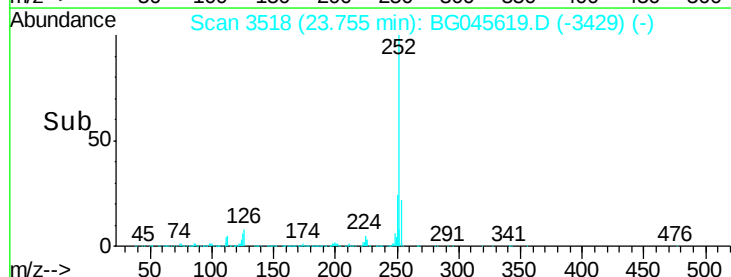
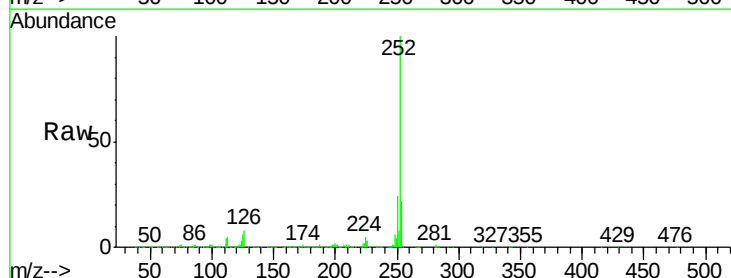
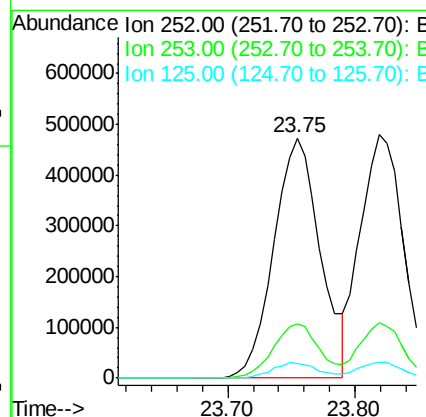
RT: 23.75 min Scan# 3518

Delta R.T. -0.00 min

Lab File: BG045619.D

Acq: 5 Jun 2020 16:38

Tgt Ion:	252	Resp:	1205581
Ion Ratio		Lower	Upper
252	100		
253	22.3	18.1	27.1
125	6.2	5.0	7.6





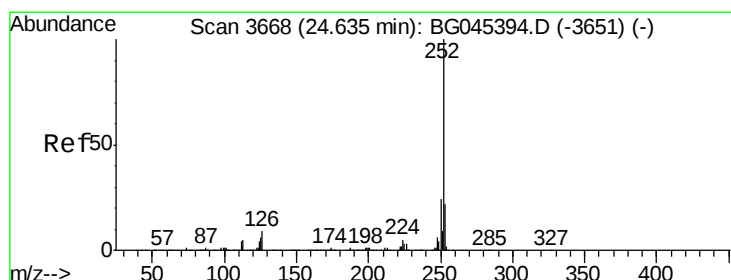
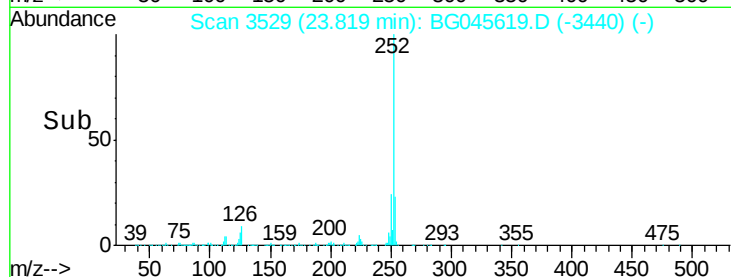
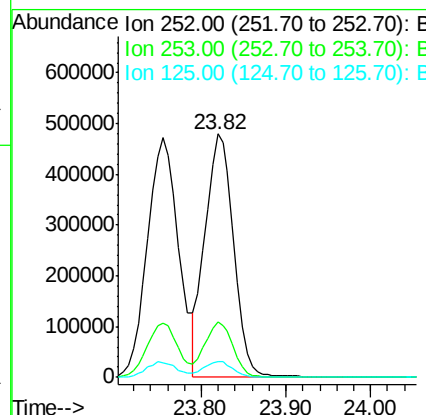
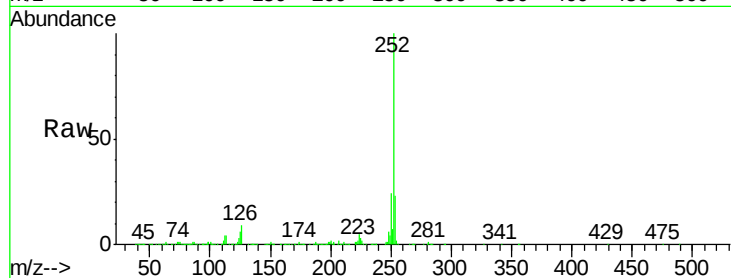
#89
Benzo(k)fluoranthene
Concen: 53.40 ng
RT: 23.82 min Scan# 3529
Delta R.T. -0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	6.5	5.7	8.5

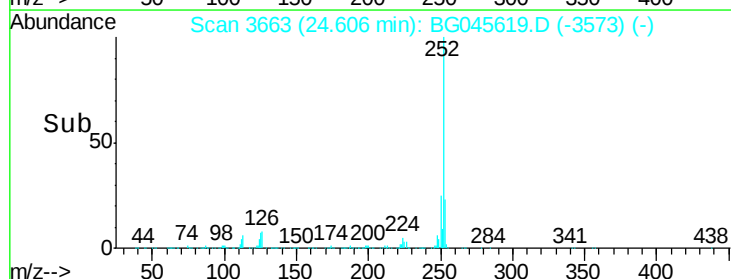
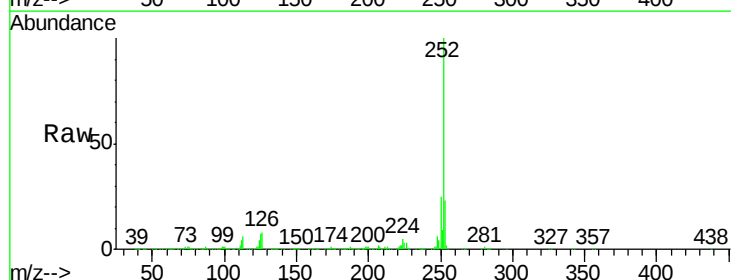
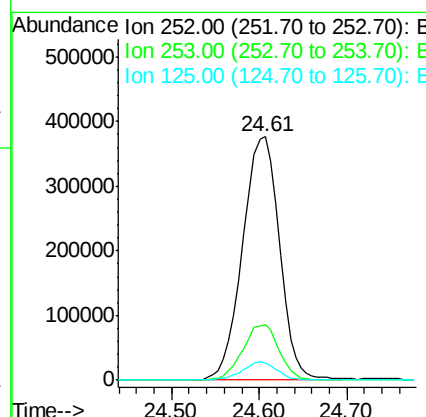
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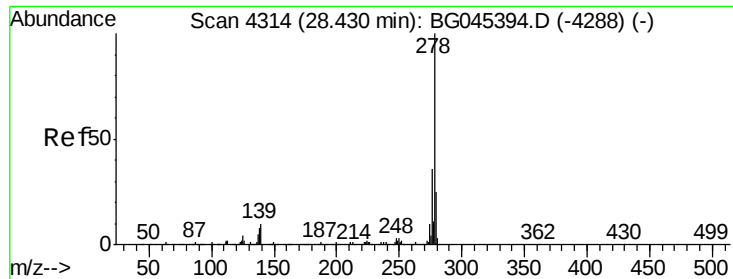
mohammad
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#90
Benzo(a)pyrene
Concen: 51.51 ng
RT: 24.61 min Scan# 3663
Delta R.T. 0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	6.9	5.0	7.6





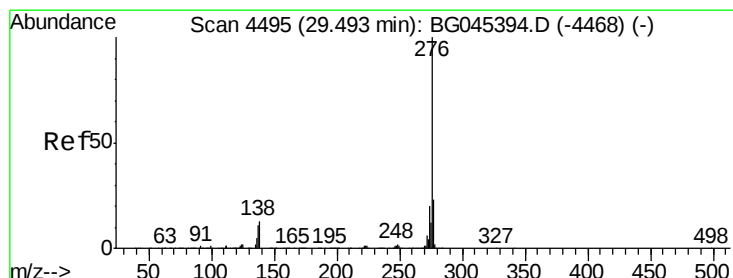
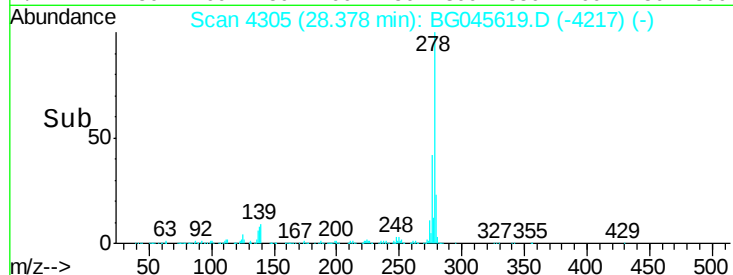
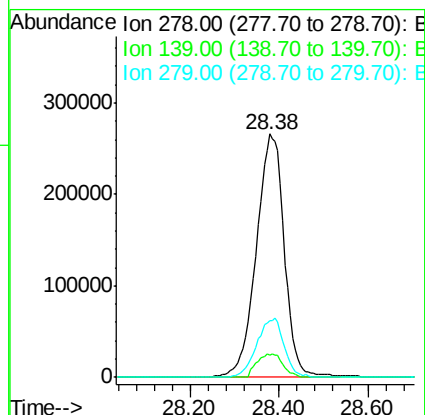
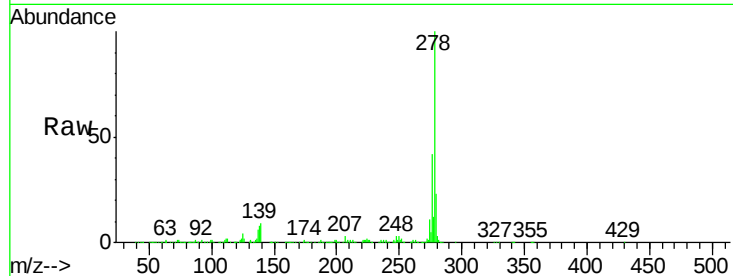
#91
Dibenzo(a,h)anthracene
Concen: 54.51 ng
RT: 28.38 min Scan# 4305
Delta R.T. -0.01 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Instrument :
BNA_G
ClientSampleId :
PB129333BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.2	7.8	11.8
279	23.1	19.8	29.8

Manual Integrations
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6/8/2020 12:50:10 PM



#92
Benzo(g,h,i)perylene
Concen: 54.64 ng
RT: 29.44 min Scan# 4485
Delta R.T. -0.00 min
Lab File: BG045619.D
Acq: 5 Jun 2020 16:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.1	27.1
138	12.0	10.2	15.4

