

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
 Data File : BG045555.D
 Acq On : 1 Jun 2020 14:36
 Operator : CG/JU
 Sample : PB129209BSD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129209BSD

Manual Integrations
 APPROVED

mohammad
 6/2/2020 3:22:39 PM

Quant Time: Jun 01 15:22:00 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	62105	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	252498	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	188339	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	446243	20.00	ng	0.00
76) Chrysene-d12	21.60	240	408316	20.00	ng	0.00
87) Perylene-d12	24.75	264	452923	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	488315	153.66	ng	0.00
7) Phenol-d6	7.15	99	691803	152.95	ng	0.00
23) Nitrobenzene-d5	9.11	82	435902	94.14	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	331511	137.63	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1001917	90.23	ng	0.00
79) Terphenyl-d14	19.96	244	1690462	96.56	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.39	88	62992	39.973	ng	# 97
3) Pyridine	3.80	79	144207	32.857	ng	96
4) n-Nitrosodimethylamine	3.71	42	63161	43.979	ng	# 95
6) Aniline	7.28	93	259428	43.938	ng	98
8) 2-Chlorophenol	7.53	128	177723	50.998	ng	95
9) Benzaldehyde	7.08	77	116739	39.614	ng	97
10) Phenol	7.18	94	241324	51.768	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	169992	46.751	ng	99
12) 1,3-Dichlorobenzene	7.84	146	189375	45.219	ng	97
13) 1,4-Dichlorobenzene	7.99	146	193548	46.831	ng	97
14) 1,2-Dichlorobenzene	8.30	146	182154	45.825	ng	97
15) Benzyl Alcohol	8.20	79	180197	48.227	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	160072	46.378	ng	98
17) 2-Methylphenol	8.42	107	164377	47.110	ng	97
18) Hexachloroethane	9.03	117	73605	46.501	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	148906	47.608	ng	98
20) 3+4-Methylphenols	8.75	107	222887	46.910	ng	# 89
22) Acetophenone	8.77	105	277726	46.408	ng	# 99
24) Nitrobenzene	9.16	77	229743	46.311	ng	96
25) Isophorone	9.68	82	420032	46.062	ng	99
26) 2-Nitrophenol	9.87	139	100971	47.579	ng	95
27) 2,4-Dimethylphenol	9.95	122	170837	54.276	ng	96
28) bis(2-Chloroethoxy)methane	10.16	93	233444	48.815	ng	96
29) 2,4-Dichlorophenol	10.43	162	185395	49.879	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	204052	46.460	ng	96
31) Naphthalene	10.81	128	562262	47.786	ng	98
32) Benzoic acid	10.13	122	111313	51.164	ng	93
33) 4-Chloroaniline	10.92	127	193207	39.283	ng	96
34) Hexachlorobutadiene	11.10	225	140248	45.175	ng	99
35) Caprolactam	11.69	113	65105m	47.721	ng	
36) 4-Chloro-3-methylphenol	12.07	107	215922	51.554	ng	94
37) 2-Methylnaphthalene	12.42	142	428312	48.839	ng	96
38) 1-Methylnaphthalene	12.64	142	402641m	48.603	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	241201	45.851	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	271396	89.383	nq	97
43) 2,4,6-Trichlorophenol	13.04	196	164732	45.078	nq	100
44) 2,4,5-Trichlorophenol	13.12	196	176588	42.287	nq	97
46) 1,1'-Biphenyl	13.43	154	557008	48.132	nq	99
47) 2-Chloronaphthalene	13.47	162	424725	45.196	nq	98
48) 2-Nitroaniline	13.67	65	138764	44.890	nq	94
49) Acenaphthylene	14.32	152	718988	47.632	nq	99
50) Dimethylphthalate	14.05	163	582409	45.078	nq	98
51) 2,6-Dinitrotoluene	14.17	165	132858	45.571	nq	97
52) Acenaphthene	14.66	154	517935m	51.261	nq	
53) 3-Nitroaniline	14.51	138	112255	37.878	nq	98
54) 2,4-Dinitrophenol	14.71	184	144516	75.967	nq	96
55) Dibenzofuran	15.00	168	695641	46.362	nq	99
56) 4-Nitrophenol	14.85	139	203156	90.543	nq	95
57) 2,4-Dinitrotoluene	14.96	165	194103	45.971	nq	97
58) Fluorene	15.65	166	572039	46.405	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	172422	46.931	nq	98
60) Diethylphthalate	15.42	149	607162	45.151	nq	99
61) 4-Chlorophenyl-phenylether	15.64	204	319698	45.322	nq	99
62) 4-Nitroaniline	15.67	138	137887	44.567	nq	95
63) Azobenzene	15.93	77	580875	46.325	nq	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	120865	46.506	nq	97
66) n-Nitrosodiphenylamine	15.85	169	506382	47.262	nq	99
67) 4-Bromophenyl-phenylether	16.53	248	219807	45.489	nq	99
68) Hexachlorobenzene	16.66	284	238918	47.273	nq	96
69) Atrazine	16.80	200	194642	44.106	nq	98
70) Pentachlorophenol	17.01	266	249805	95.192	nq	98
71) Phenanthrene	17.39	178	921227	47.289	nq	99
72) Anthracene	17.48	178	958758	49.008	nq	98
73) Carbazole	17.75	167	873493	45.805	nq	99
74) Di-n-butylphthalate	18.31	149	1034366	45.192	nq	99
75) Fluoranthene	19.40	202	1145793	46.241	nq	100
77) Benzidine	19.58	184	705592	61.528	nq	99
78) Pyrene	19.76	202	1121693	48.192	nq	99
80) Butylbenzylphthalate	20.65	149	462371	46.023	nq	99
81) Benzo(a)anthracene	21.59	228	1077090	47.353	nq	99
82) 3,3'-Dichlorobenzidine	21.50	252	373369	41.846	nq	100
83) Chrysene	21.65	228	1036902	47.410	nq	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	643898	46.625	nq	99
85) Di-n-octyl phthalate	22.69	149	1102974	46.501	nq	99
86) Indeno(1,2,3-cd)pyrene	28.32	276	1347073	47.100	nq	# 97
88) Benzo(b)fluoranthene	23.75	252	1167194m	48.051	nq	
89) Benzo(k)fluoranthene	23.82	252	1111074	48.687	nq	100
90) Benzo(a)pyrene	24.61	252	1059486	46.833	nq	97
91) Dibenzo(a,h)anthracene	28.39	278	1108895	48.778	nq	98
92) Benzo(g,h,i)perylene	29.44	276	1110699	48.851	nq	98

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

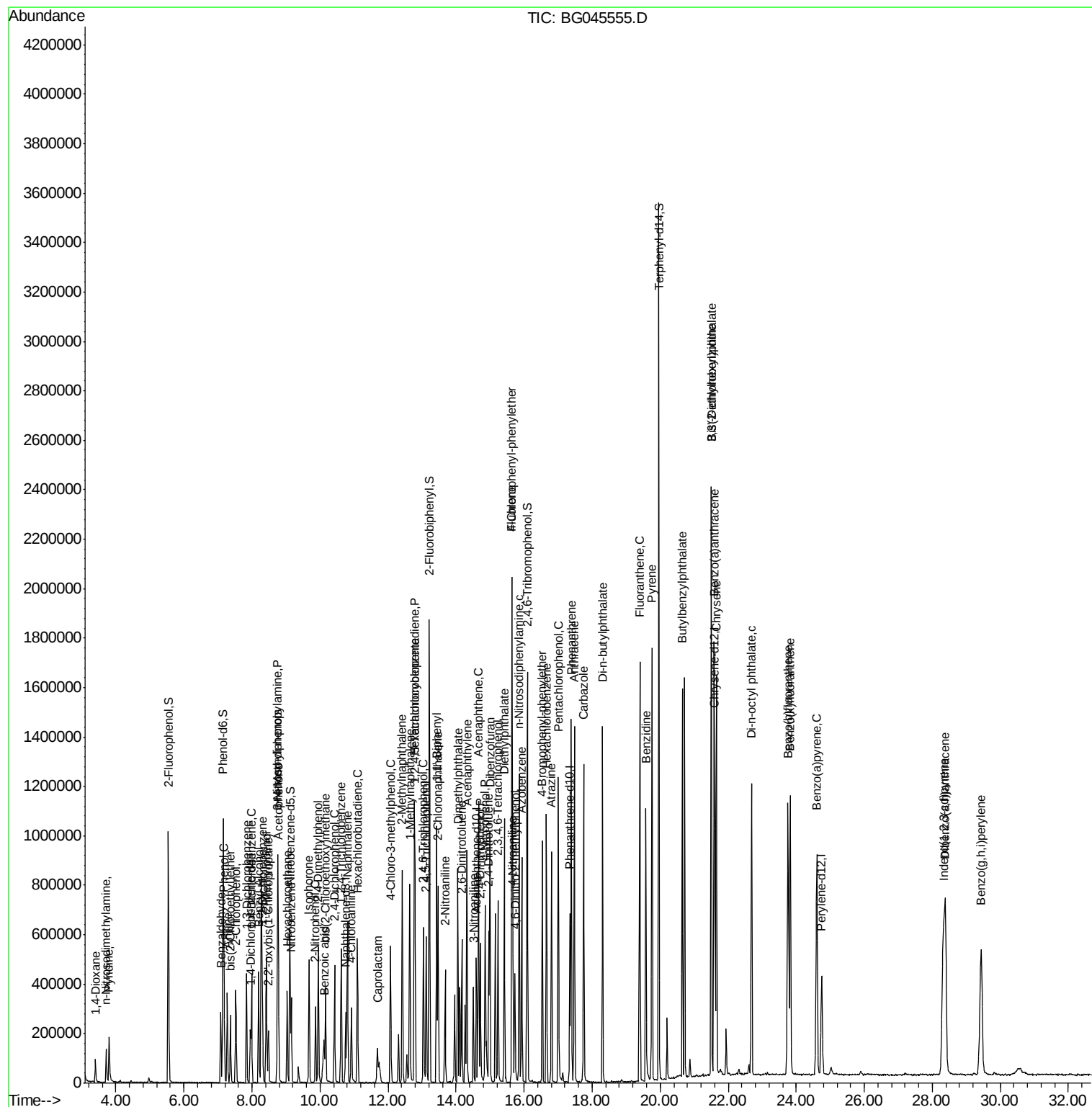
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060120\
 Data File : BG04555.D
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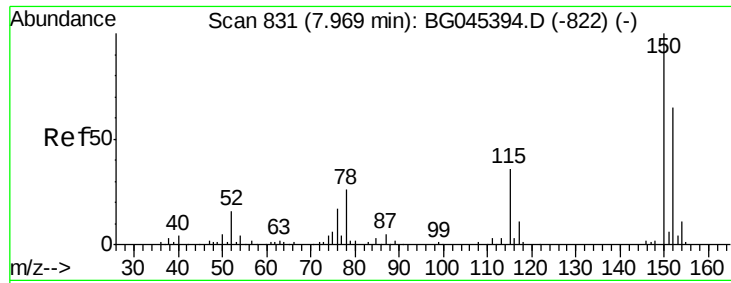
Instrument :
 BNA_G
 ClientSampleID :
 PB129209BSD

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#1

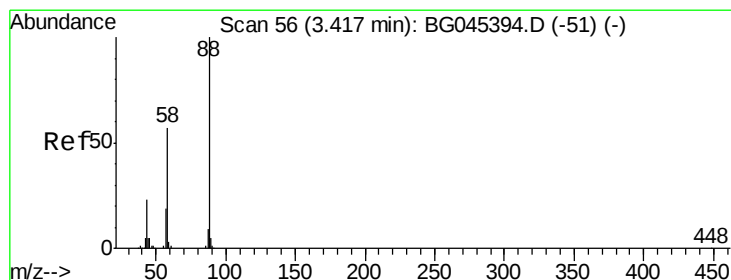
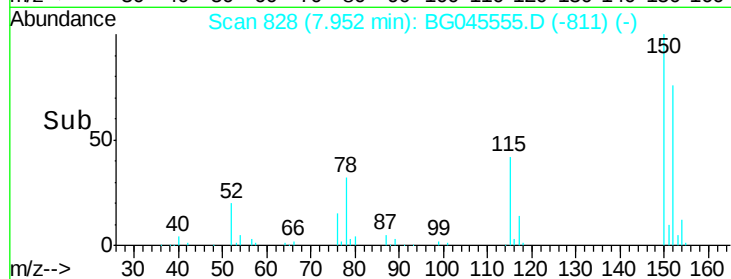
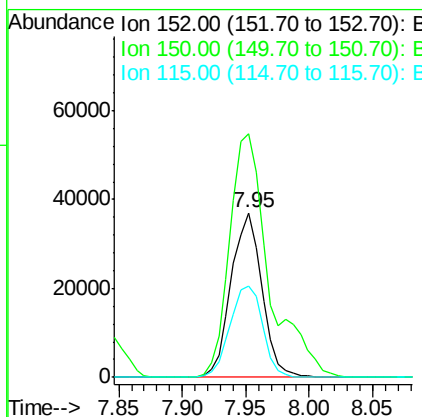
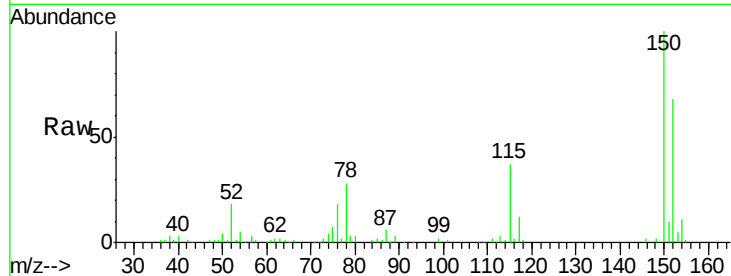
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB129209BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.1	122.4	183.6
115	55.2	44.2	66.4

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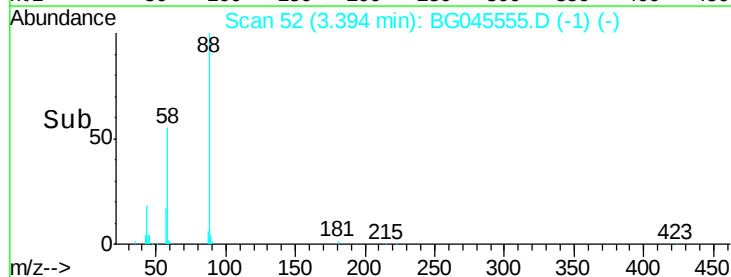
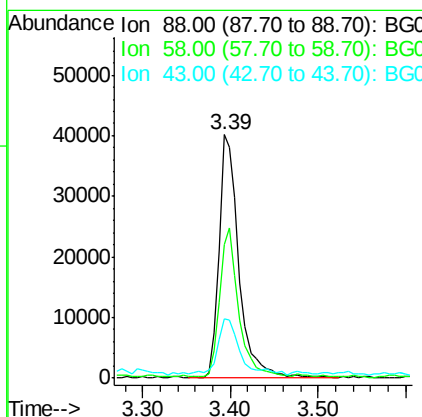
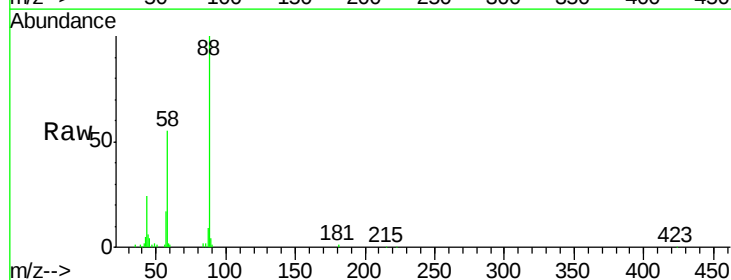
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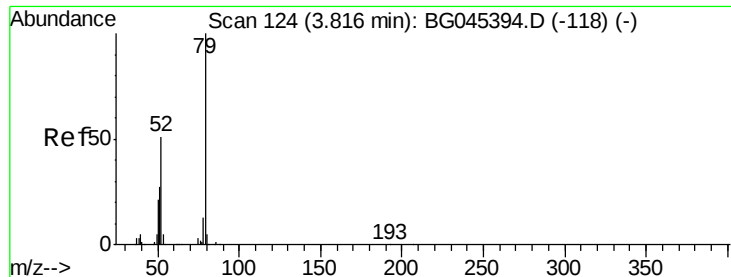


#2

1,4-Dioxane
Concen: 39.973 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.01 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.5	45.7	68.5
43	26.0	16.8	25.2





#3

Pvridine

Concen: 32.857 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Instrument :

BNA_G

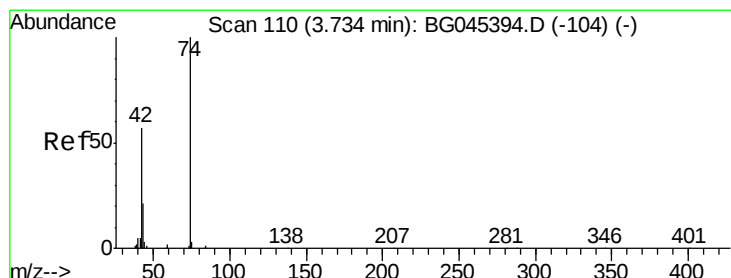
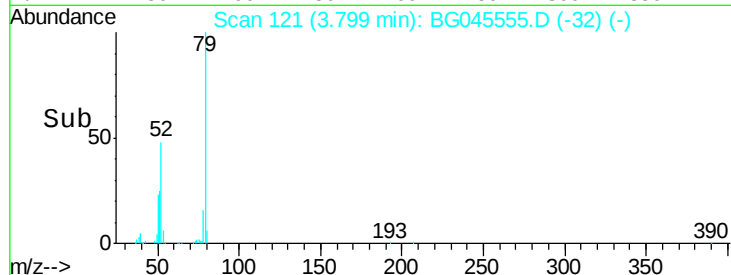
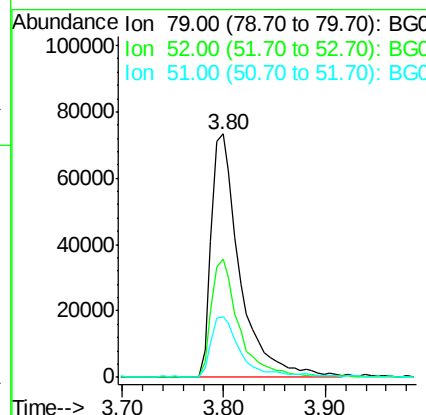
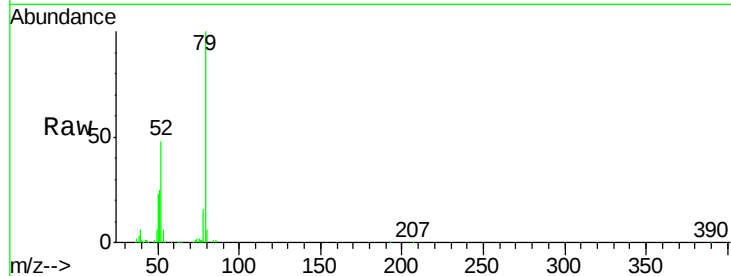
ClientSampleId :

PB129209BSD

Tot Ion:	79	Resp:	144207
Ion Ratio	Lower	Upper	
79	100		
52	48.3	40.8	61.2
51	25.0	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 43.979 ng

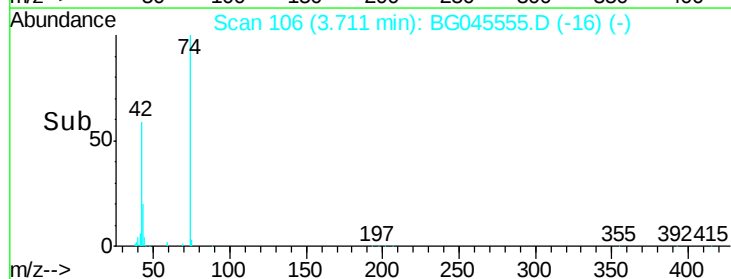
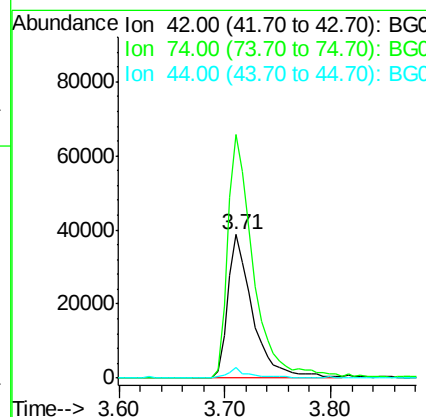
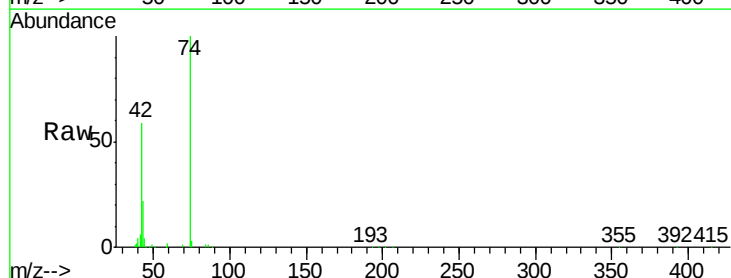
RT: 3.71 min Scan# 106

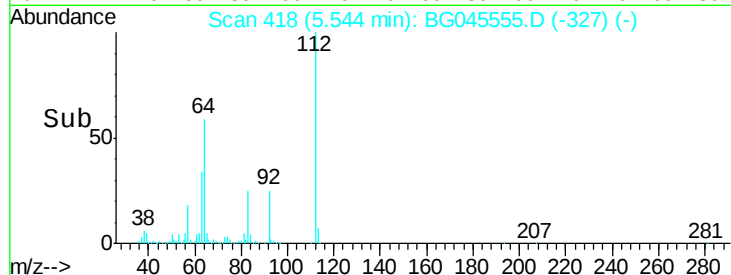
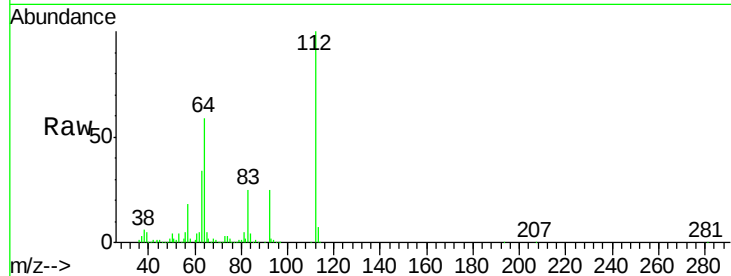
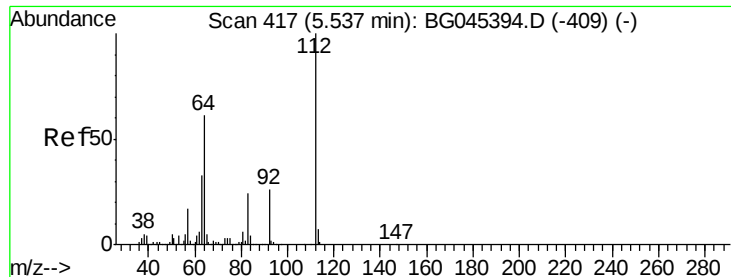
Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Tgt Ion:	42	Resp:	63161
Ion Ratio	Lower	Upper	
42	100		
74	169.7	141.3	211.9
44	7.1	4.2	6.4





#5

2-Fluorophenol

Concen: 153.661 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Tot Ion:	112	Resp:	488315
Ion Ratio	Lower	Upper	
112	100		
64	59.2	48.6	72.8
63	33.6	26.5	39.7

Instrument :

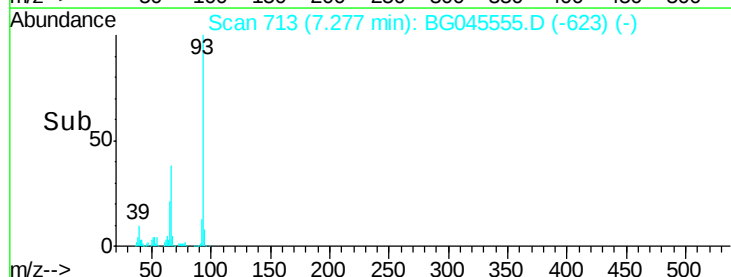
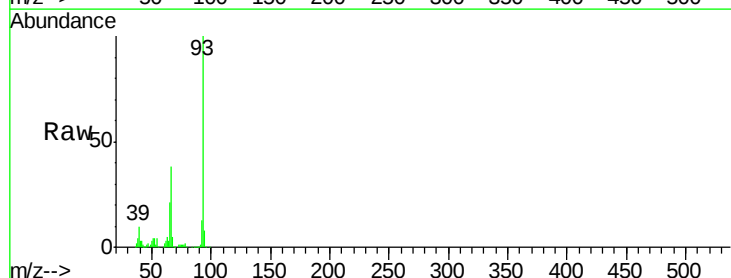
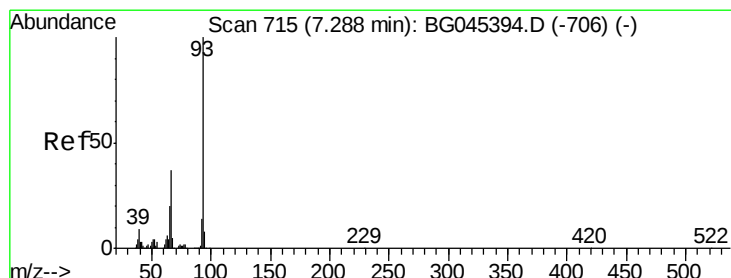
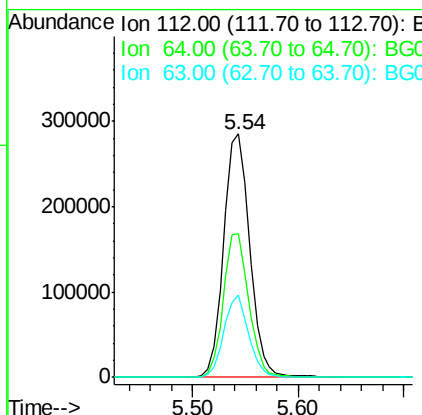
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#6

Aniline

Concen: 43.938 ng

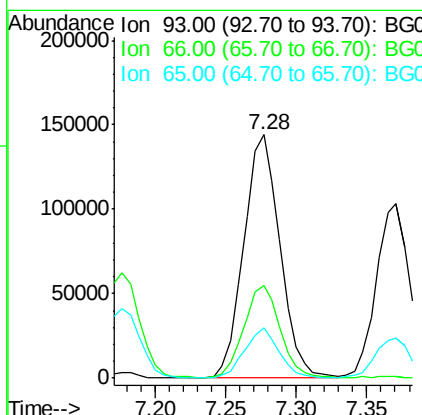
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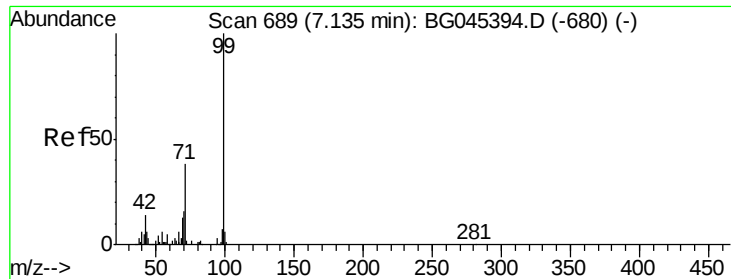
Delta R.T. 0.00 min

Lab File: BG045555.D

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Tgt Ion:	93	Resp:	259428
Ion Ratio	Lower	Upper	
93	100		
66	37.9	29.6	44.4
65	20.6	15.9	23.9





#7

Phenol-d6

Concen: 152.950 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Instrument :

BNA_G

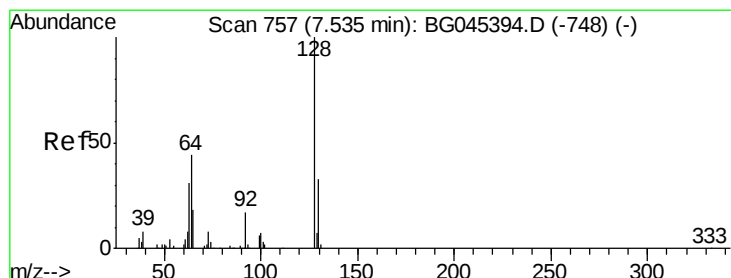
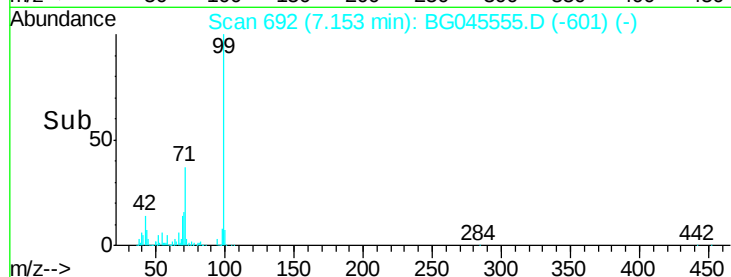
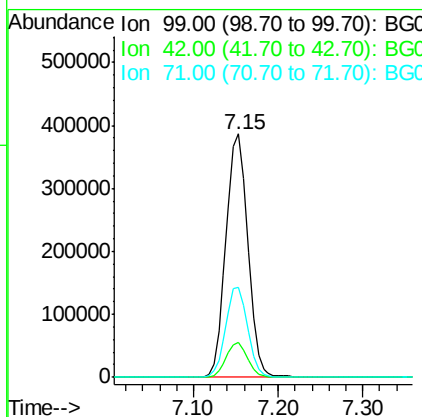
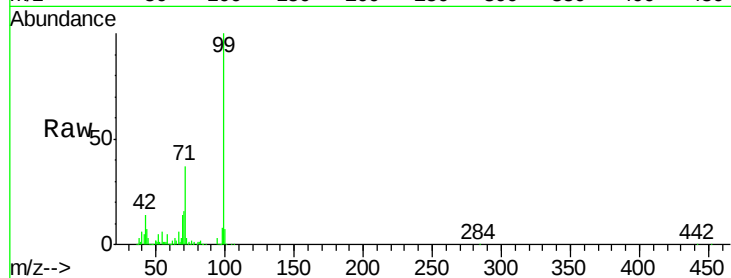
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		691803		
42	14.3	11.3	16.9		
71	37.0	30.8	46.2		

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#8

2-Chlorophenol

Concen: 50.998 ng

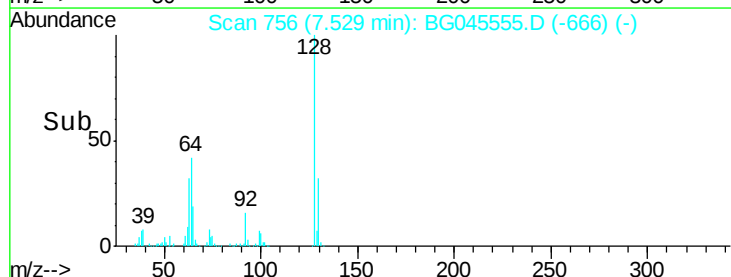
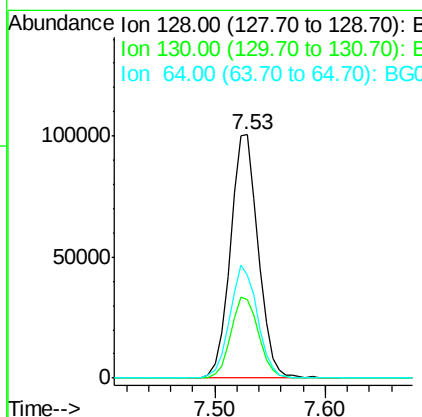
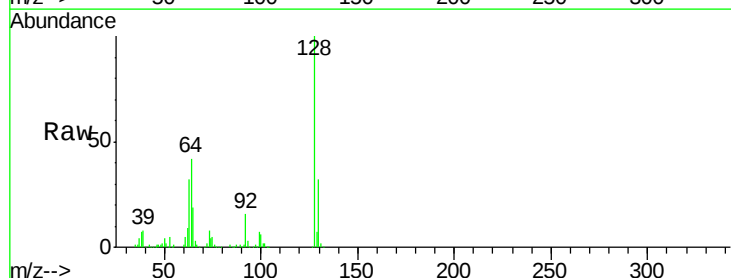
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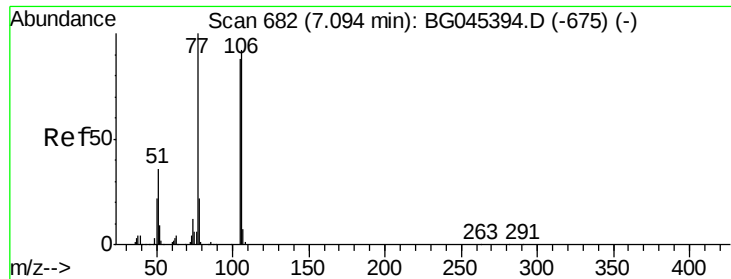
Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		177723		
130	32.0	12.6	52.6		
64	42.2	27.0	67.0		





#9

Benzaldehyde

Concen: 39.614 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Instrument :

BNA_G

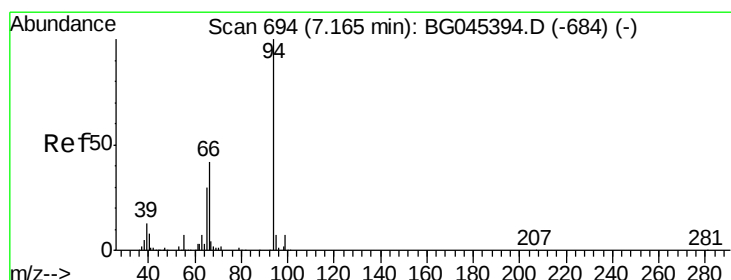
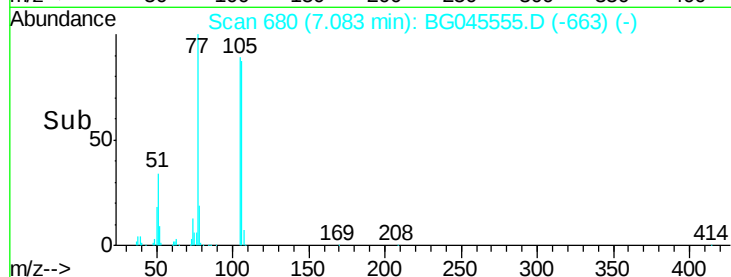
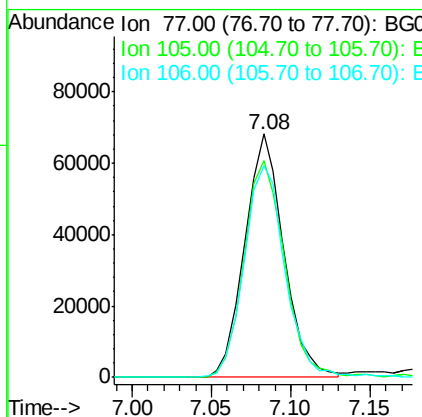
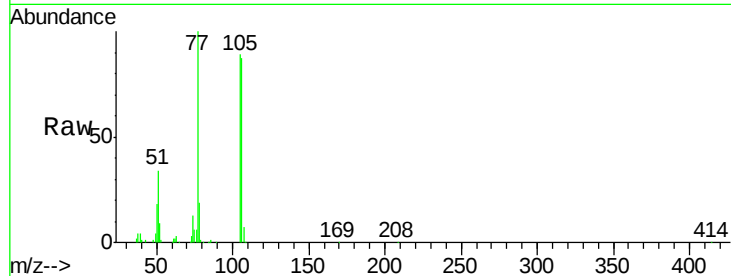
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
77	100		
105	88.8	68.5	108.5
106	87.1	71.6	111.6

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#10

Phenol

Concen: 51.768 ng

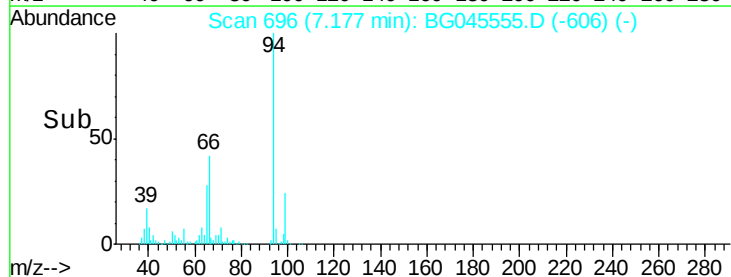
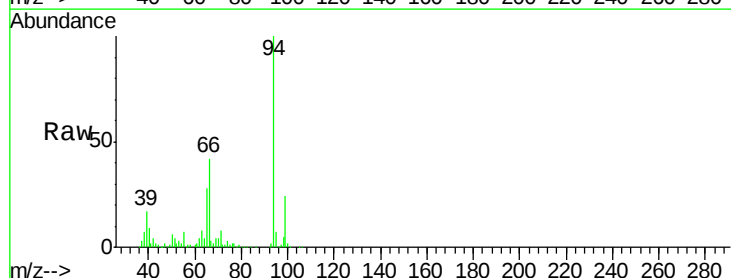
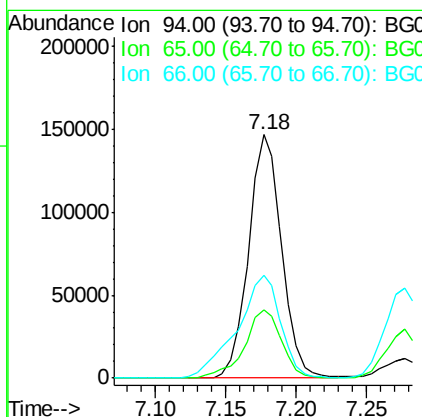
RT: 7.18 min Scan# 696

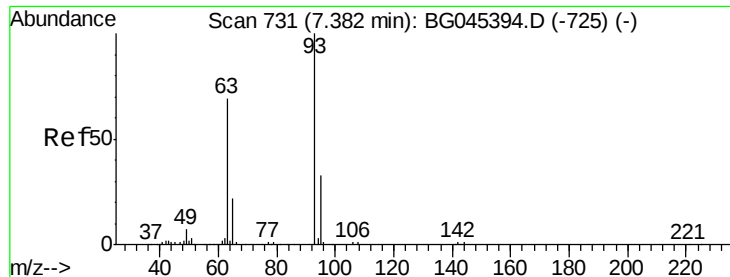
Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.0	9.8	49.8
66	42.4	22.0	62.0





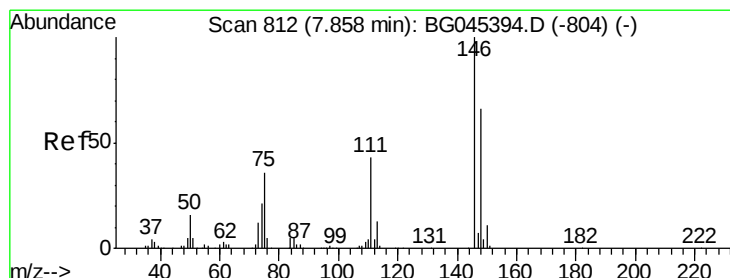
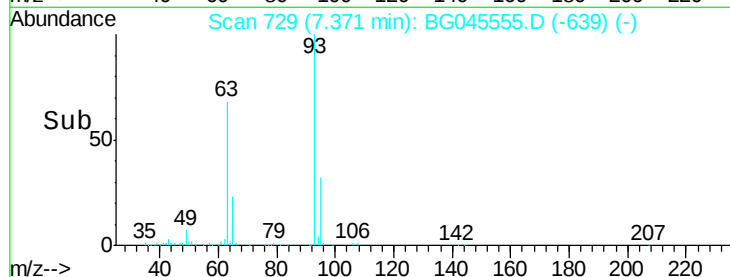
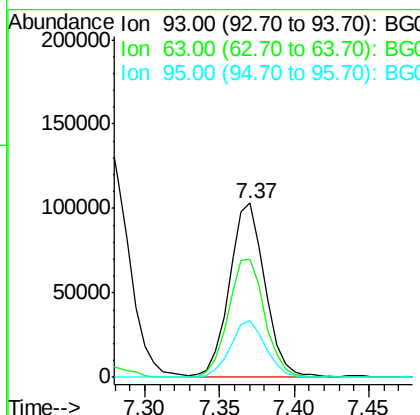
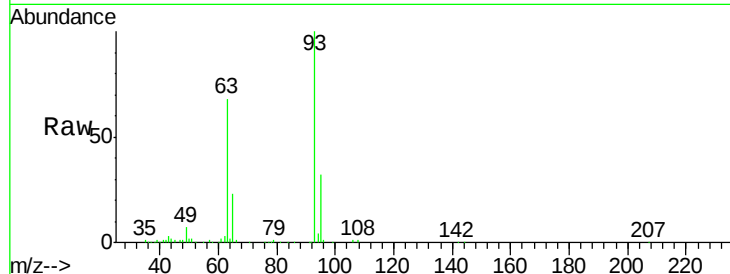
#11
bis(2-Chloroethyl)ether
Concen: 46.751 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB129209BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	169992		
63	67.7	48.4	88.4	
95	32.5	12.4	52.4	

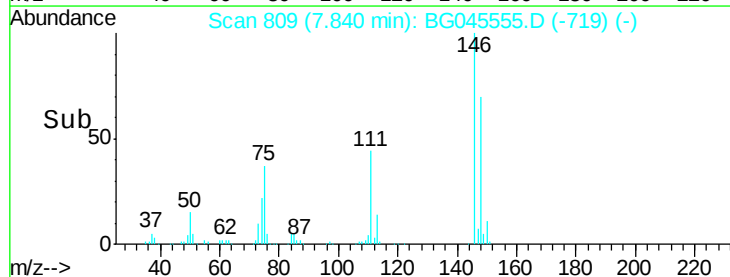
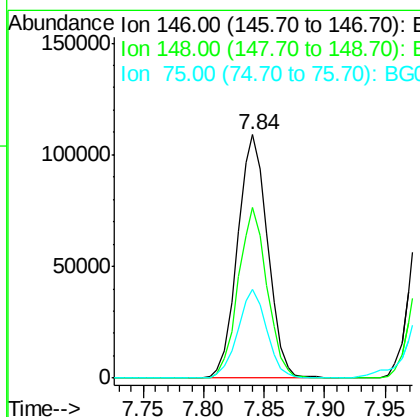
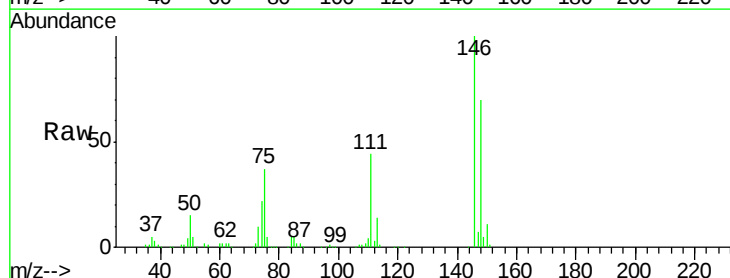
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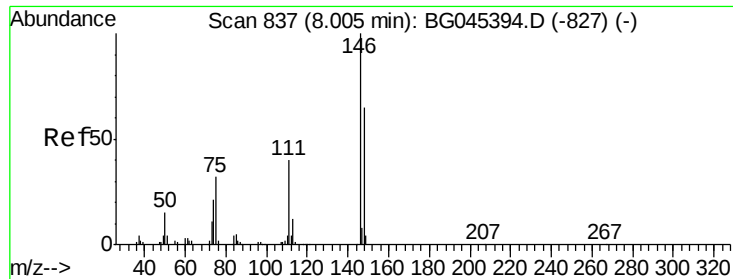
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.219 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	189375		
148	70.0	53.2	79.8	
75	36.6	28.6	43.0	





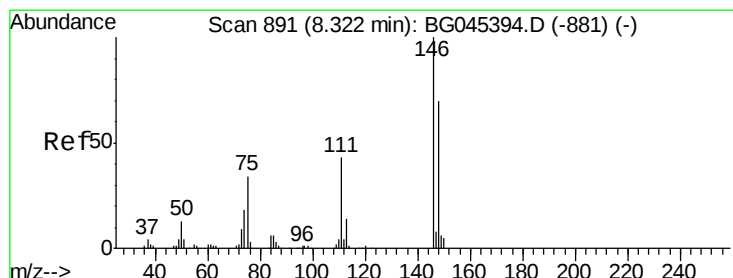
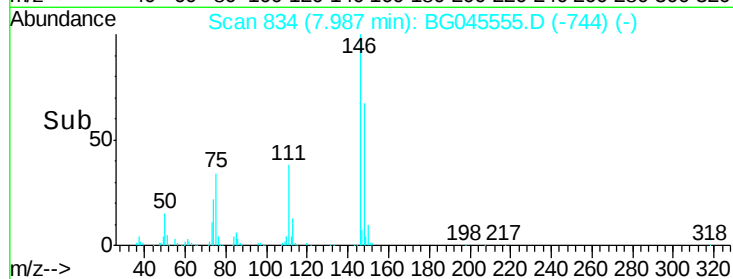
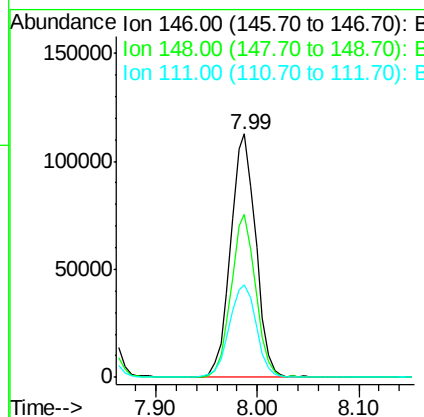
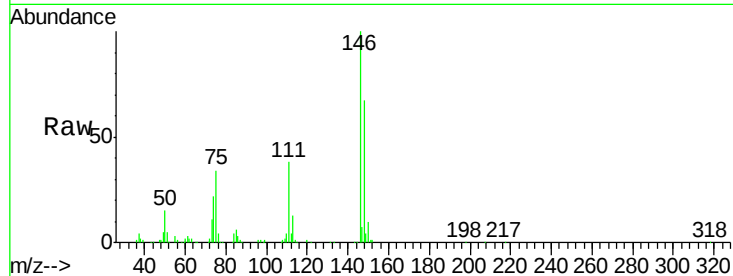
#13
 1,4-Dichlorobenzene
 Concen: 46.831 ng
 RT: 7.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BG045555.D
 Acq: 1 Jun 2020 14:36

Instrument :
 BNA_G
 ClientSampleId :
 PB129209BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.7	51.8	77.8
111	37.8	32.1	48.1

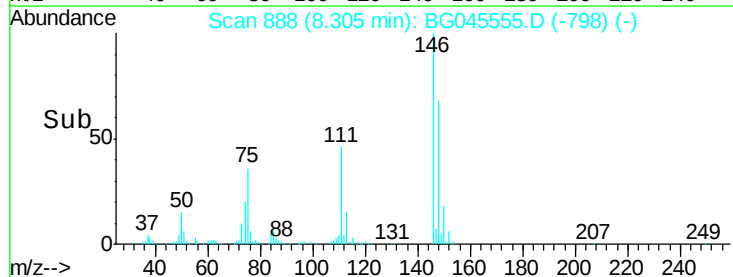
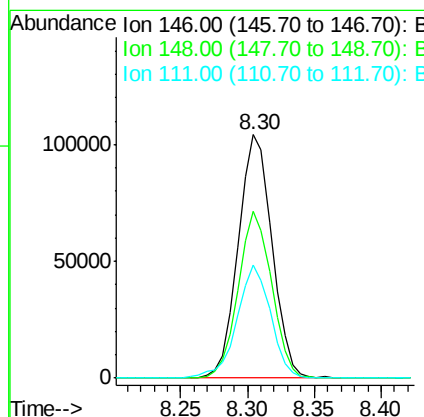
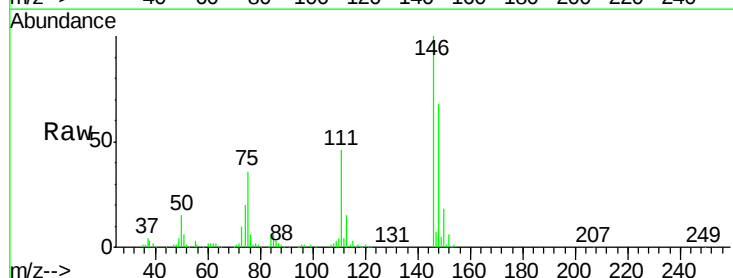
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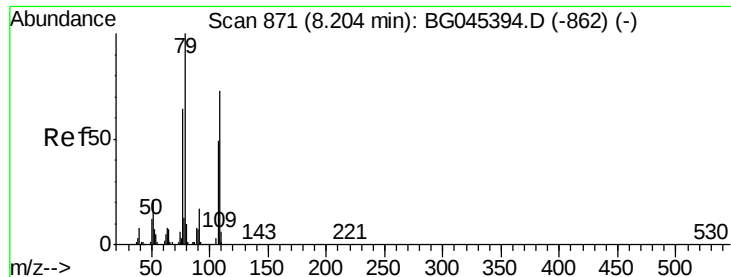
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 45.825 ng
 RT: 8.30 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BG045555.D
 Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.4	55.9	83.9
111	46.4	35.0	52.4





#15

Benzyl Alcohol

Concen: 48.227 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Instrument :

BNA_G

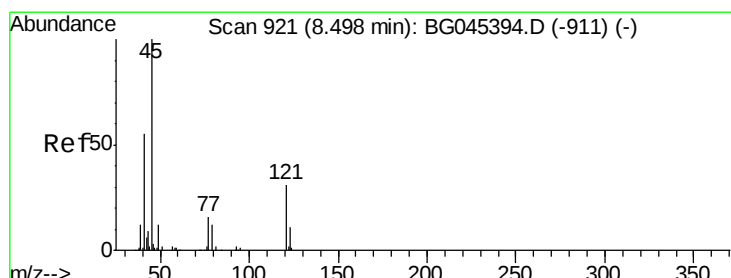
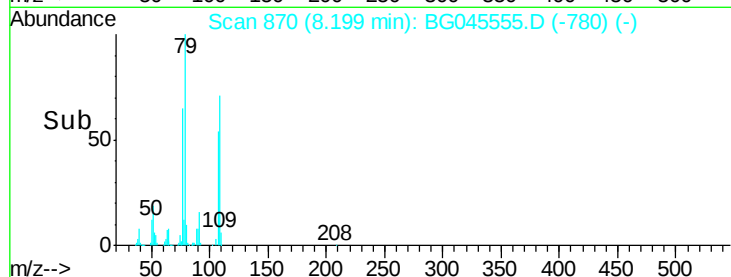
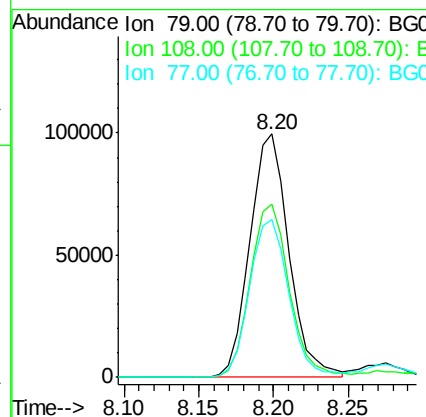
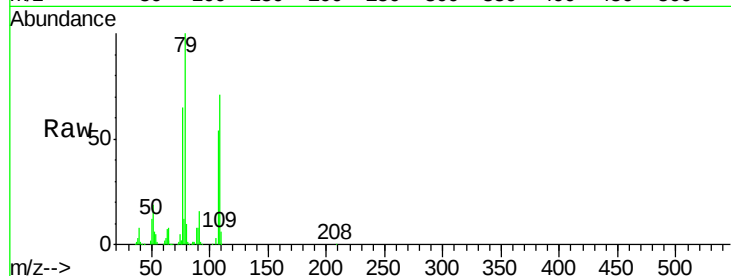
ClientSampleId :

PB129209BSD

Tot Ion:	79	Resp:	180197
Ion	Ratio	Lower	Upper
79	100		
108	71.2	58.2	87.4
77	64.8	51.0	76.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.378 ng

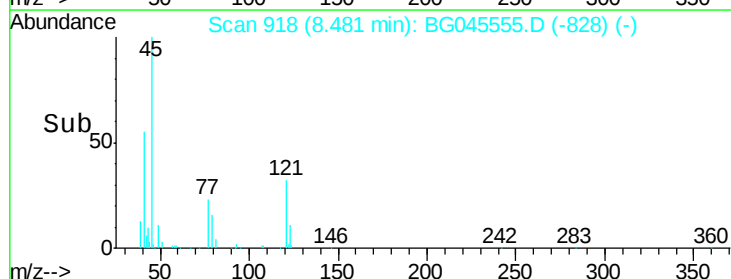
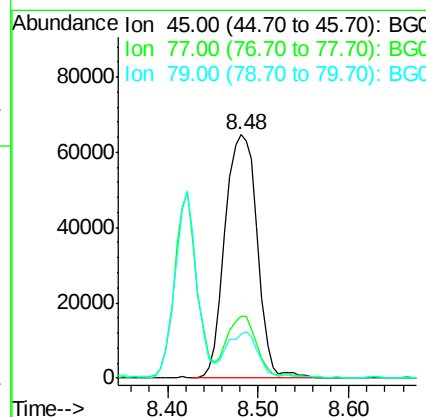
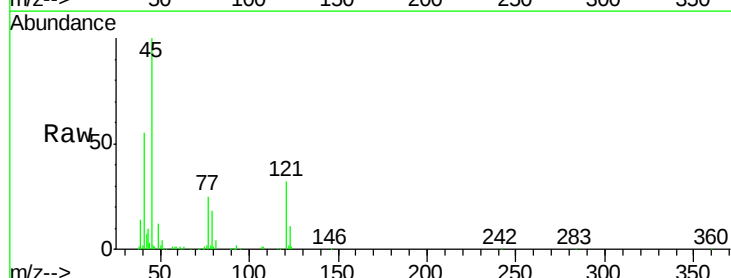
RT: 8.48 min Scan# 918

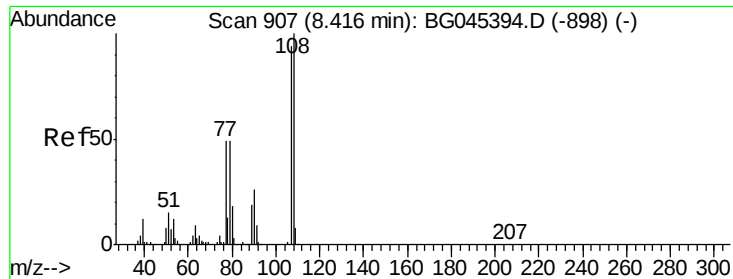
Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Tgt Ion:	45	Resp:	160072
Ion	Ratio	Lower	Upper
45	100		
77	25.2	4.0	44.0
79	18.2	0.0	38.6





#17

2-Methylphenol

Concen: 47.110 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Instrument :

BNA_G

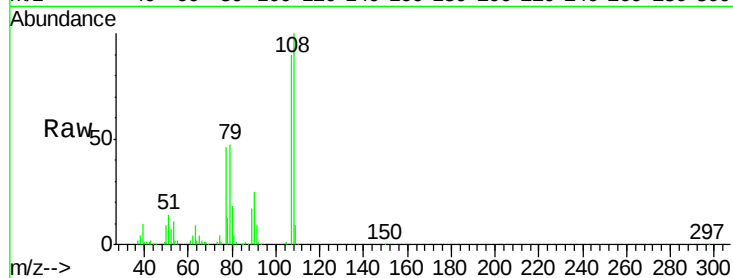
ClientSampleId :

PB129209BSD

Tot Ion:	107	Resp:	164377
Ion Ratio	Lower	Upper	
107	100		
108	111.4	85.2	127.8
77	51.6	41.6	62.4
79	52.1	41.8	62.8

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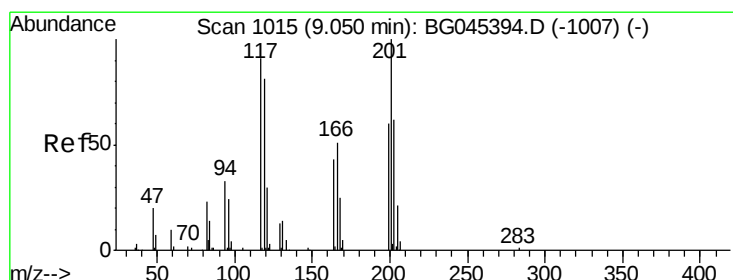
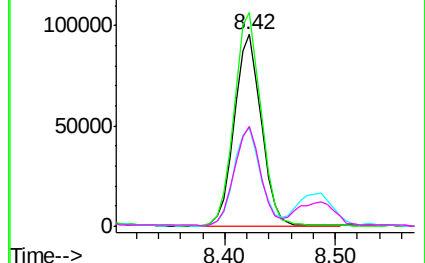
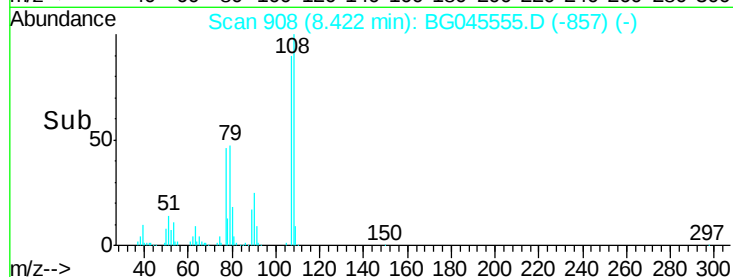


Abundance Ion 107.00 (106.70 to 107.70): E

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: 46.501 ng

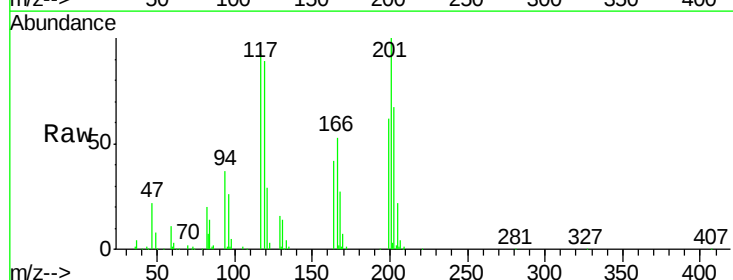
RT: 9.03 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

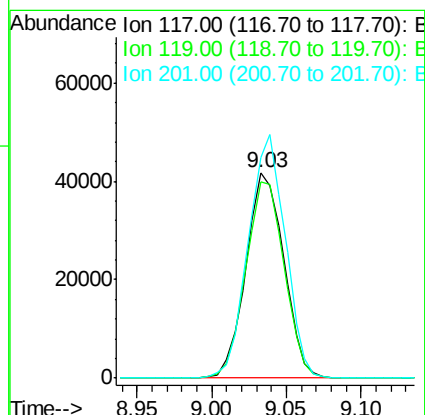
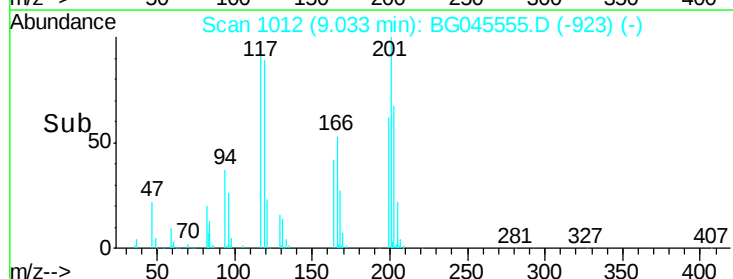
Tgt Ion:	117	Resp:	73605
Ion Ratio	Lower	Upper	
117	100		
119	95.1	71.3	106.9
201	107.1	87.5	131.3

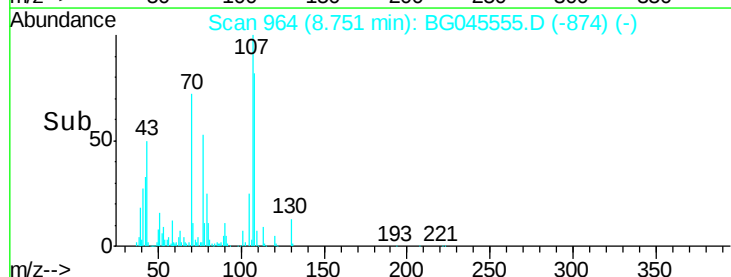
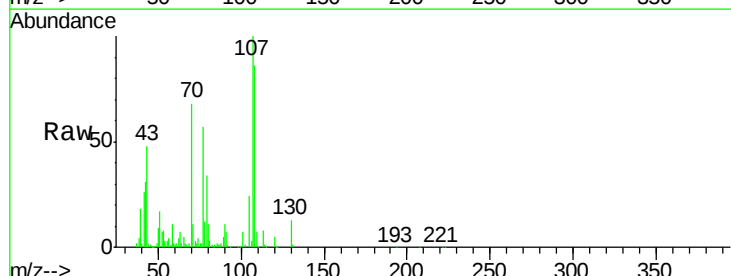
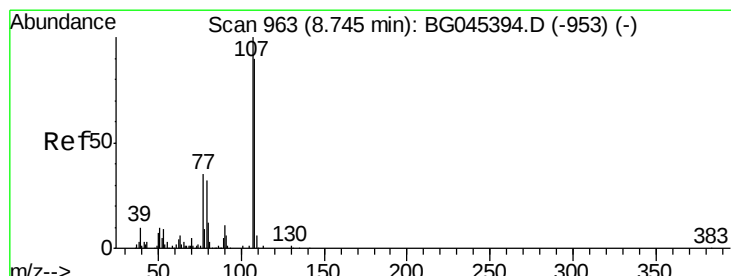
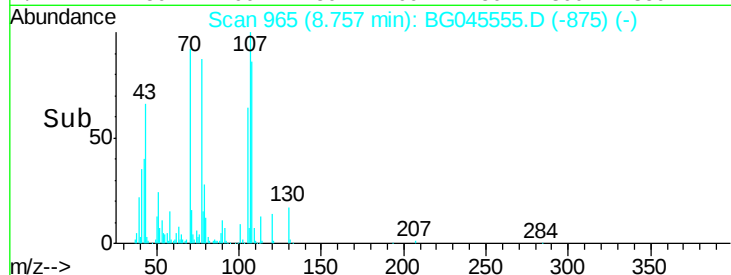
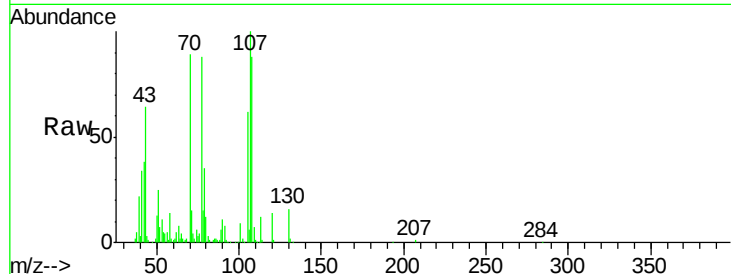


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

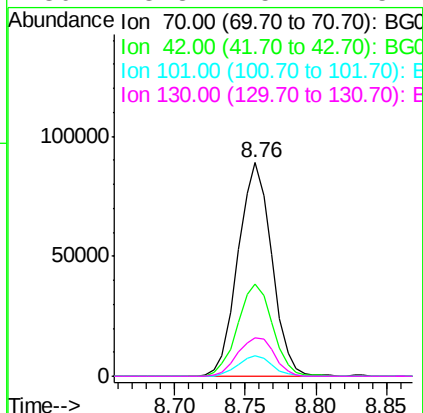
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 47.608 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	43.2	33.2	49.8		
101	9.9	7.8	11.6		
130	18.3	15.4	23.2		



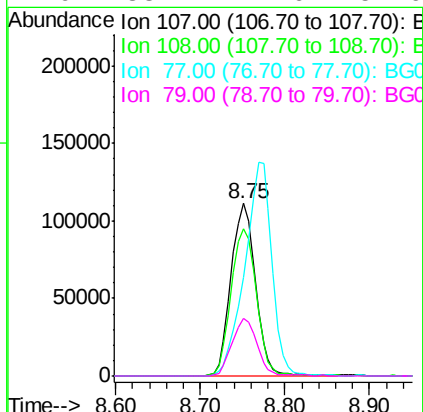
Instrument :
BNA_G
ClientSampleId :
PB129209BSD

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#20
3+4-Methylphenols
Concen: 46.910 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.6	70.3	110.3		
77	56.9	15.4	55.4#		
79	33.7	12.6	52.6		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Instrument :

BNA_G

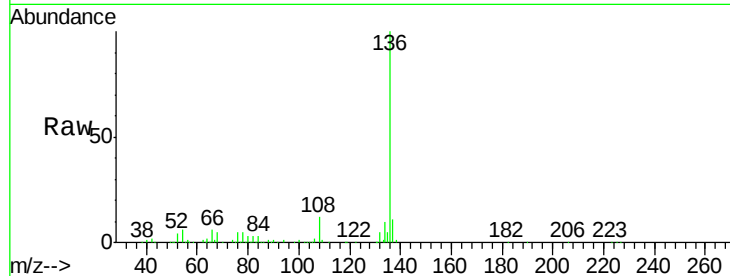
ClientSampleId :

PB129209BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	252498		
137	11.3		9.4	14.2
54	5.7		5.8	8.6#
68	4.9		4.5	6.7

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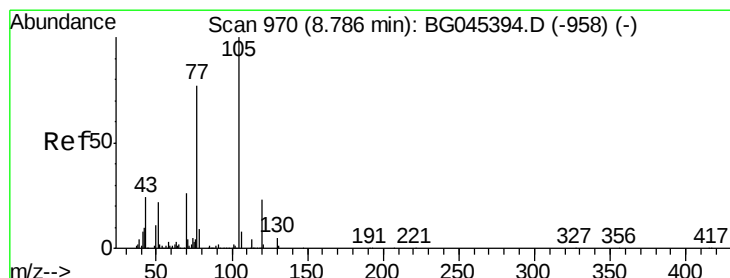
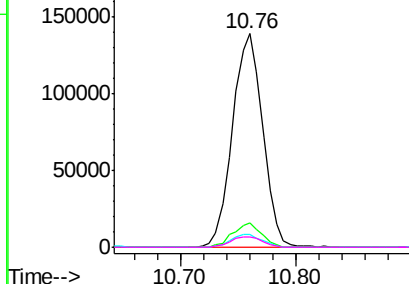
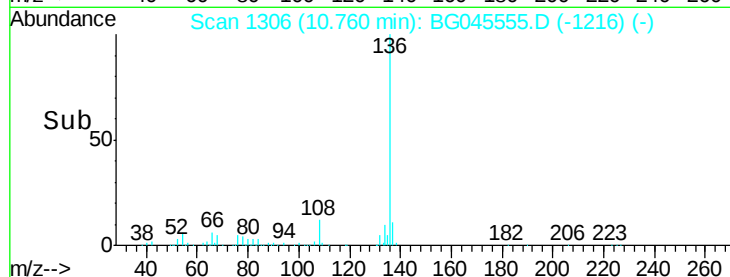


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 46.408 ng

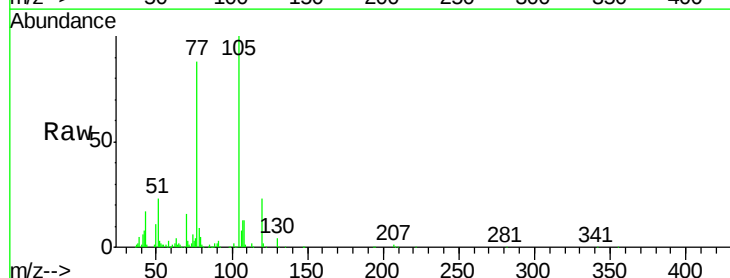
RT: 8.77 min Scan# 968

Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	277726		
71	3.0		3.4	5.0#
51	22.7		18.2	27.2
120	22.8		18.6	27.8

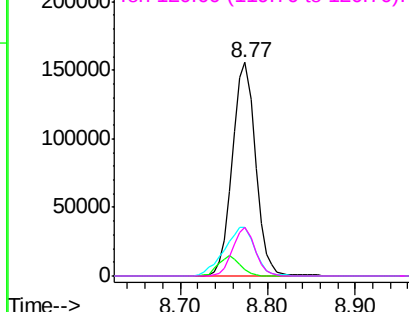
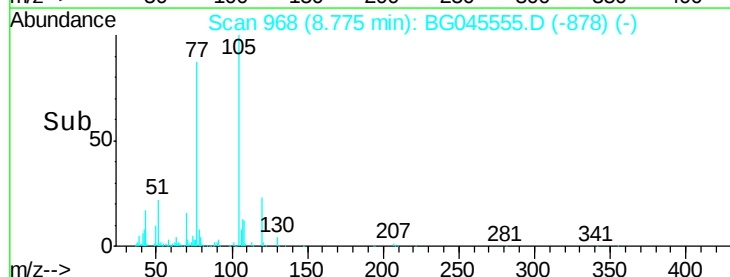


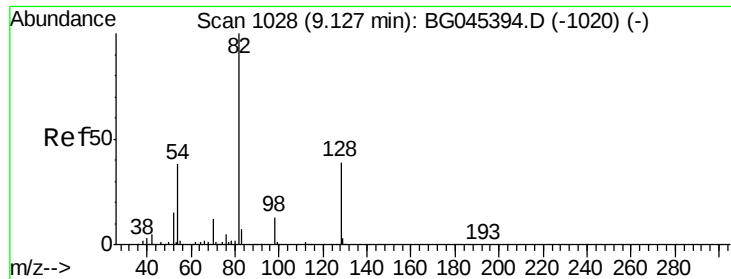
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





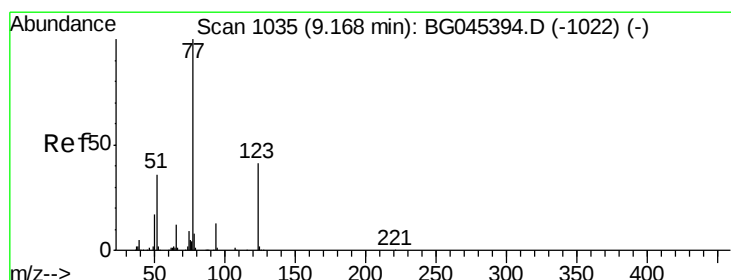
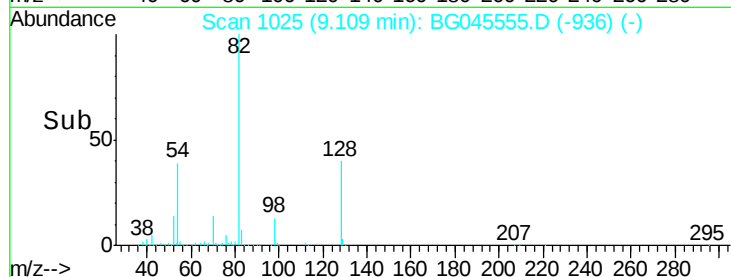
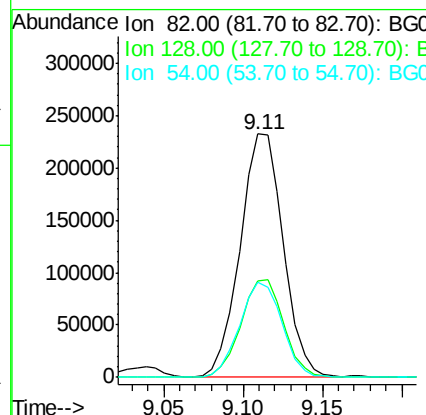
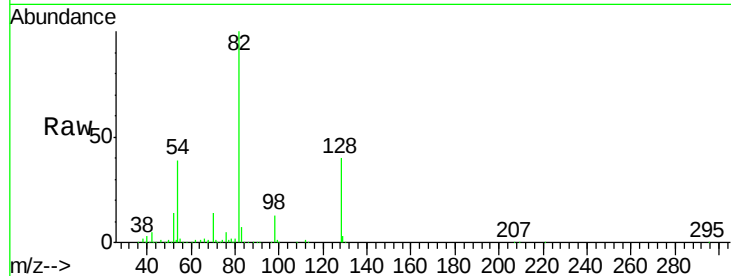
#23
Nitrobenzene-d5
Concen: 94.141 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB129209BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.5	30.9	46.3
54	38.9	30.3	45.5

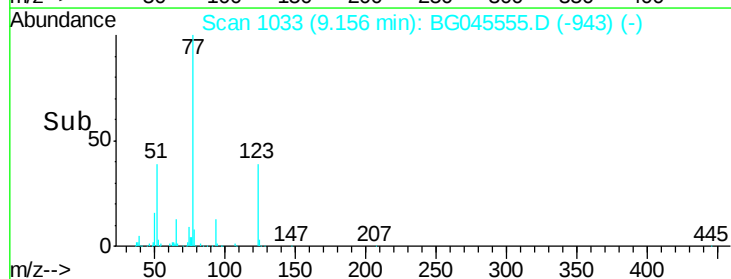
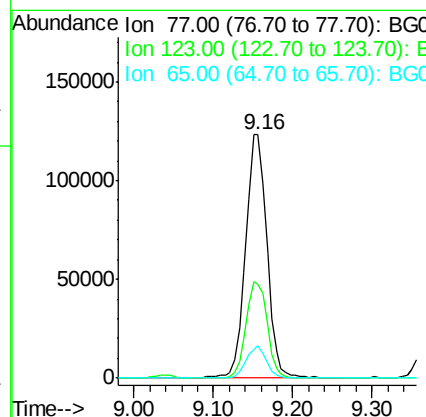
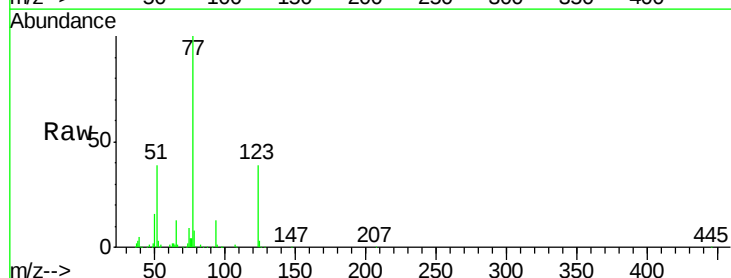
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#24
Nitrobenzene
Concen: 46.311 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.7	32.9	49.3
65	13.2	9.4	14.2





#25

Isophorone

Concen: 46.062 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Instrument :

BNA_G

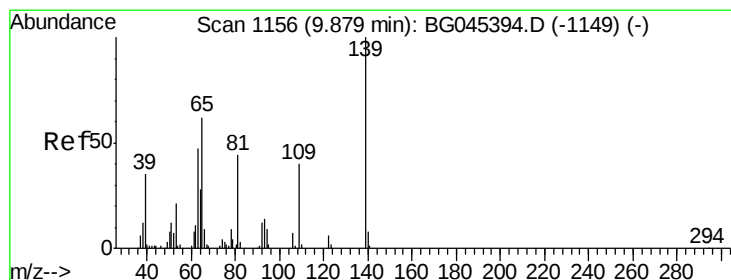
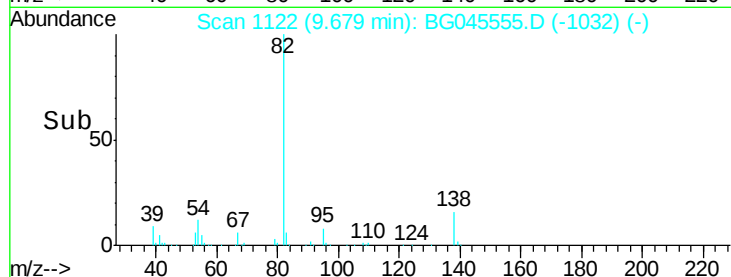
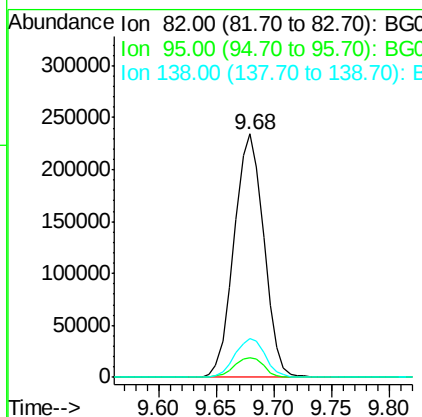
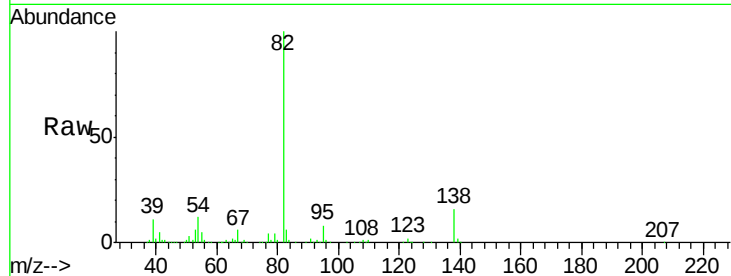
ClientSampleId :

PB129209BSD

Tot Ion:	82	Resp:	420032
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.7	10.1
138	16.0	12.2	18.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.579 ng

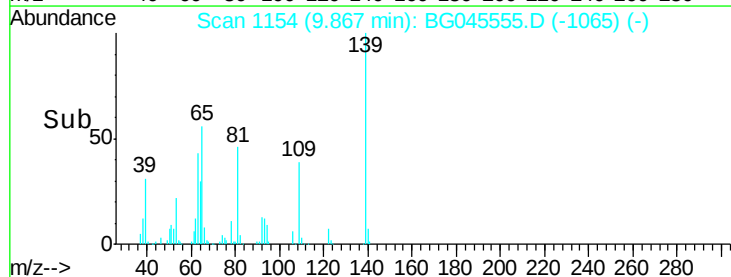
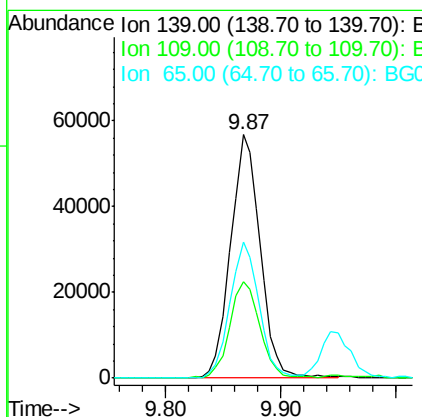
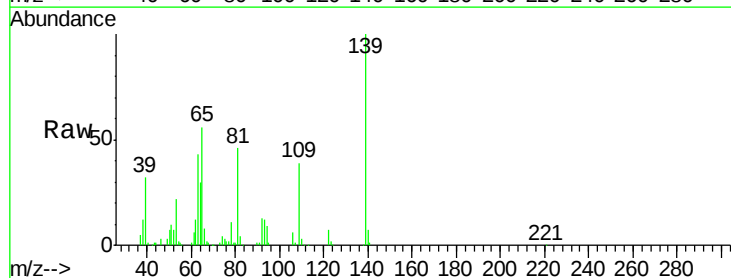
RT: 9.87 min Scan# 1154

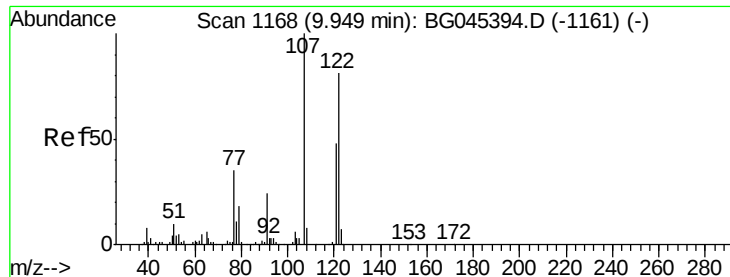
Delta R.T. -0.01 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Tgt Ion:	139	Resp:	100971
Ion Ratio	Lower	Upper	
139	100		
109	39.3	32.2	48.4
65	56.0	49.6	74.4





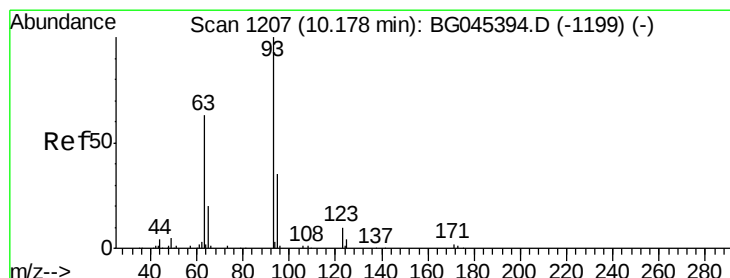
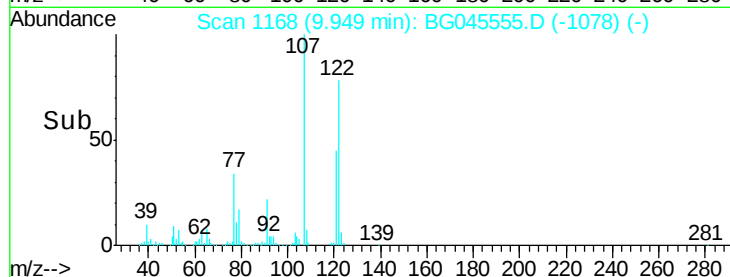
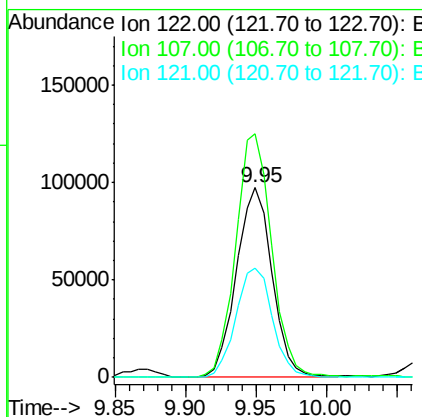
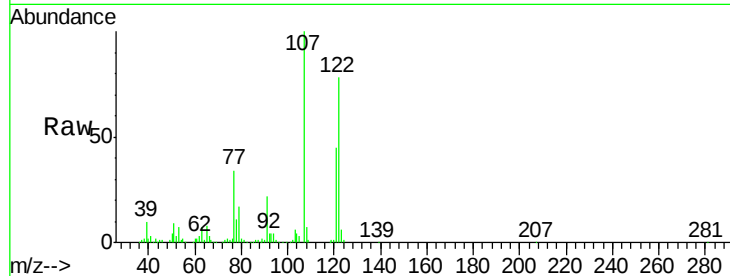
#27
2,4-Dimethylphenol
Concen: 54.276 ng
RT: 9.95 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB129209BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	170837		
107	128.3	99.0	148.4	
121	57.4	47.7	71.5	

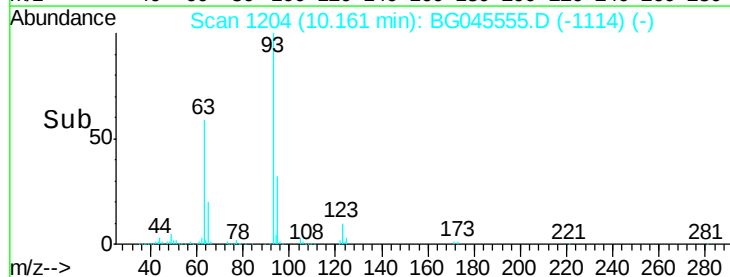
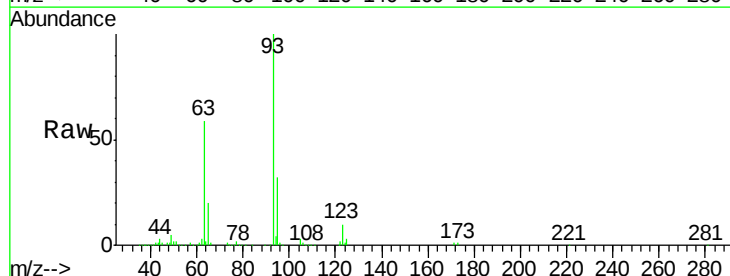
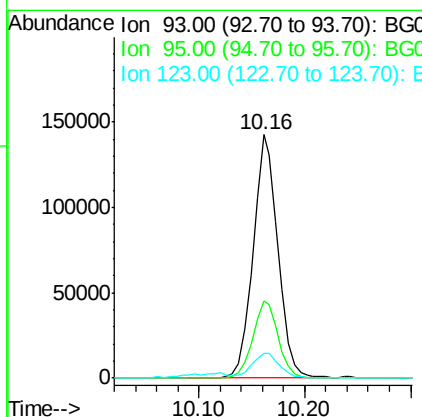
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#28
bis(2-Chloroethoxy)methane
Concen: 48.815 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	233444		
95	31.7	27.6	41.4	
123	10.1	8.1	12.1	





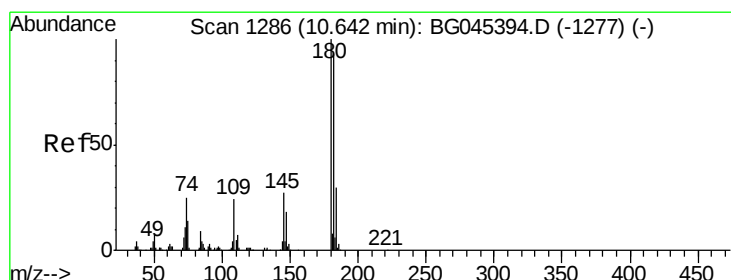
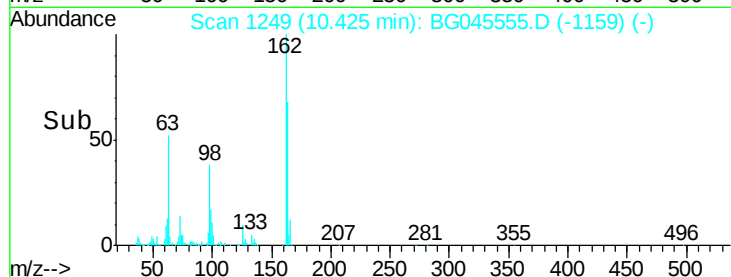
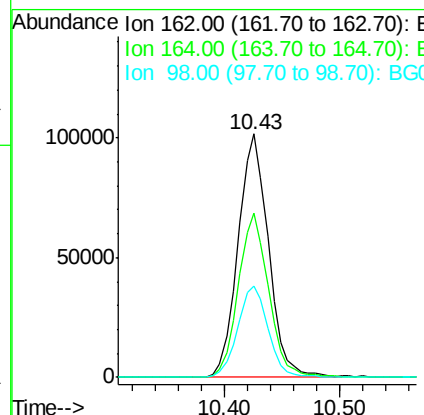
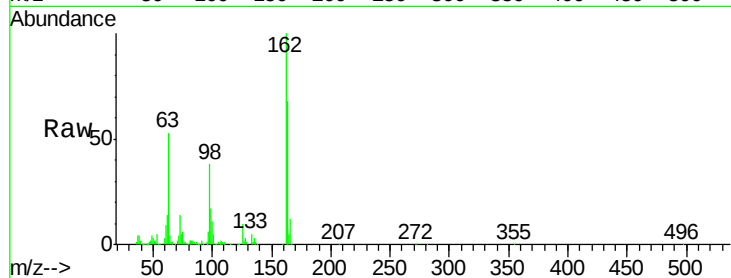
#29
 2,4-Dichlorophenol
 Concen: 49.879 ng
 RT: 10.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BG045555.D
 Acq: 1 Jun 2020 14:36

Instrument :
 BNA_G
 ClientSampleId :
 PB129209BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	67.6	46.8	86.8
98	37.6	15.2	55.2

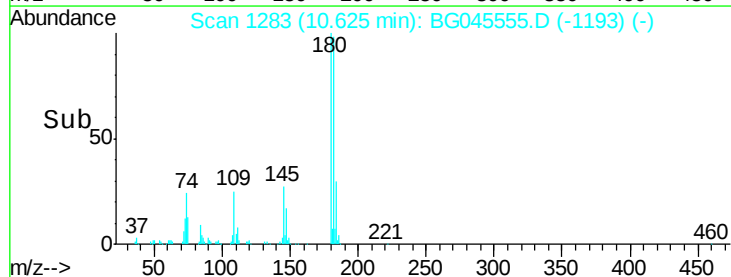
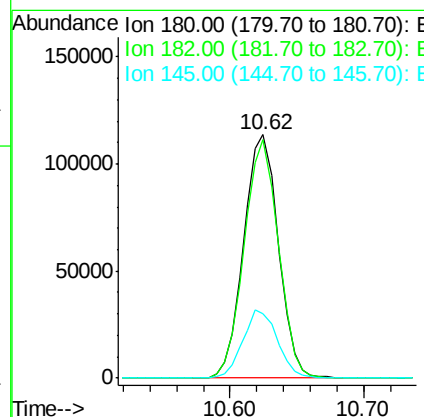
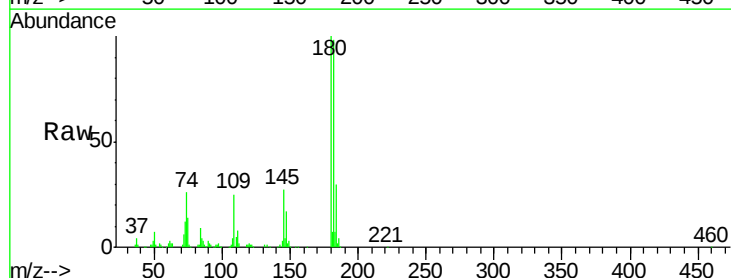
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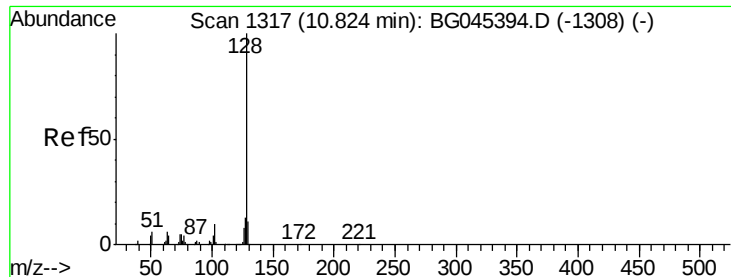
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.460 ng
 RT: 10.62 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG045555.D
 Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.1	74.8	112.2
145	26.5	21.9	32.9





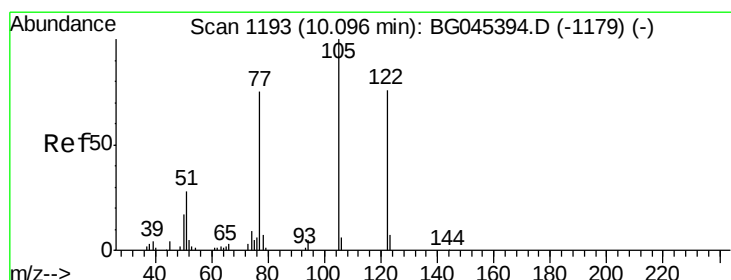
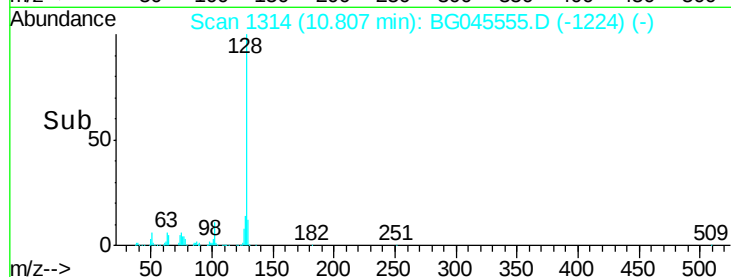
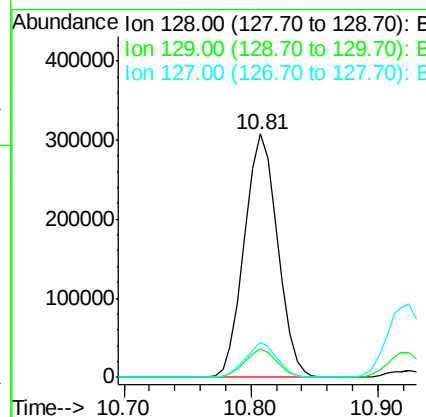
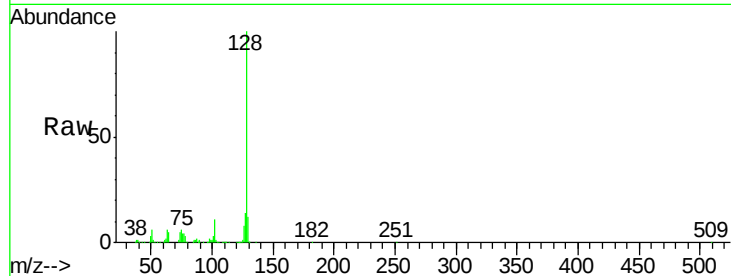
#31
Naphthalene
Concen: 47.786 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB129209BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	14.4	10.7	16.1

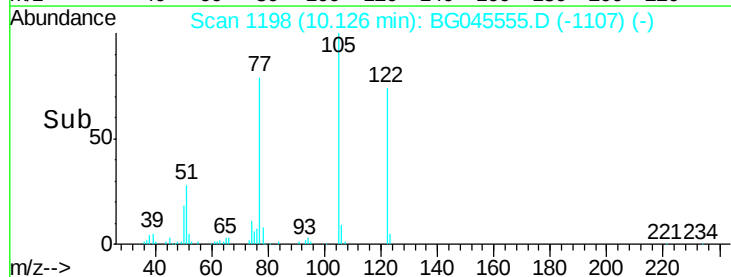
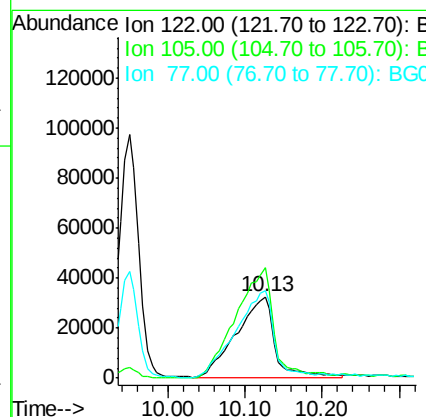
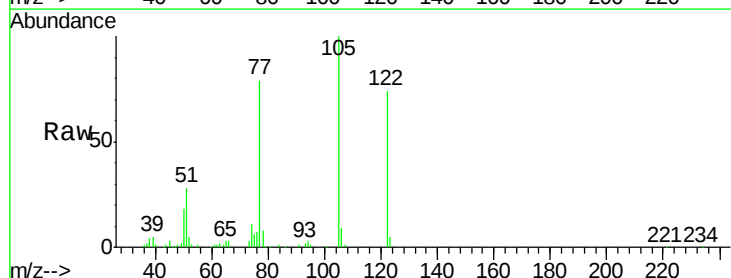
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#32
Benzoic acid
Concen: 51.164 ng
RT: 10.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.5	107.9	147.9
77	107.2	78.9	118.9





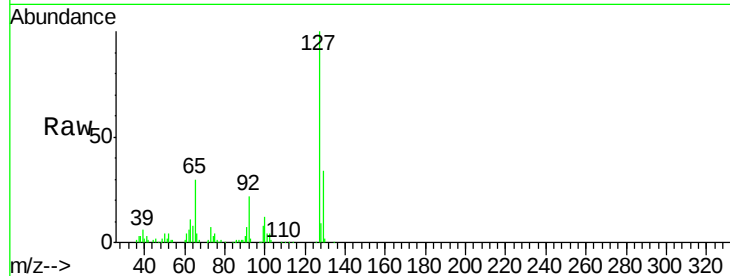
#33
4-Chloroaniline
Concen: 39.283 ng
RT: 10.92 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB129209BSD

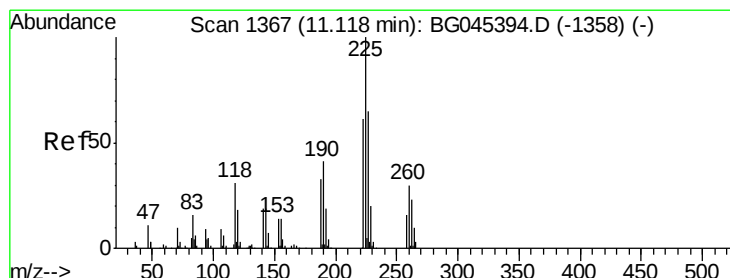
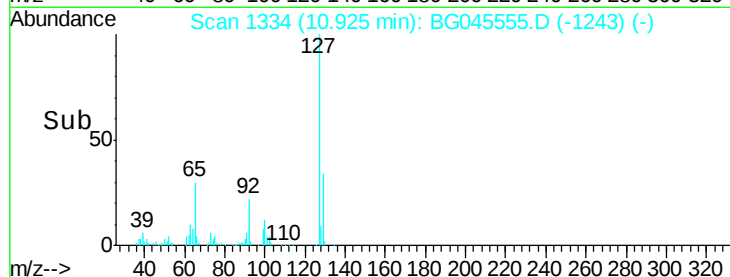
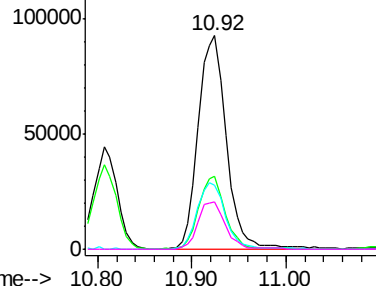
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		193207		
129	34.0	24.7	37.1		
65	30.1	26.2	39.2		
92	21.9	17.9	26.9		

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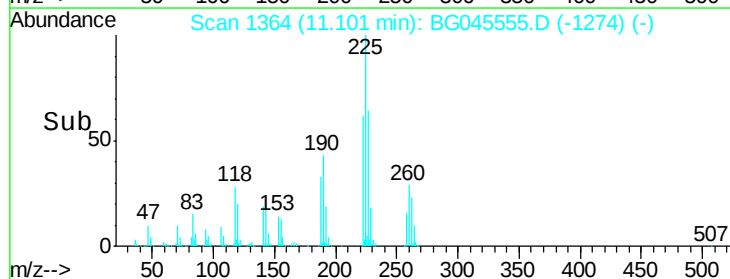
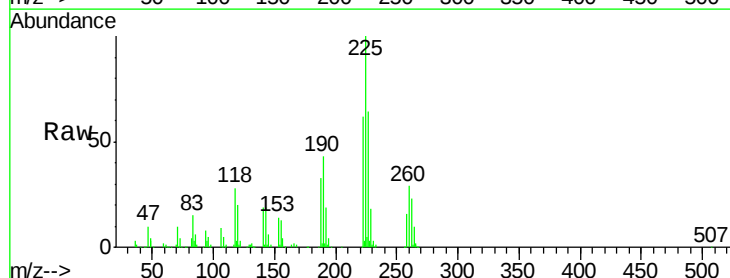
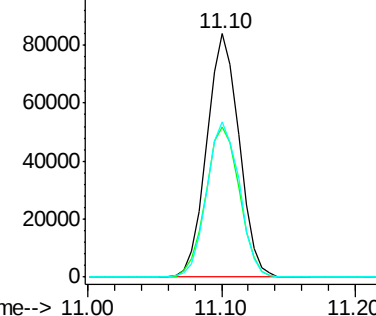
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 45.175 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		140248		
223	61.9	49.1	73.7		
227	63.8	52.0	78.0		

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





#35

Caprolactam

Concen: 47.721 ng/mL

RT: 11.69 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Instrument :

BNA_G

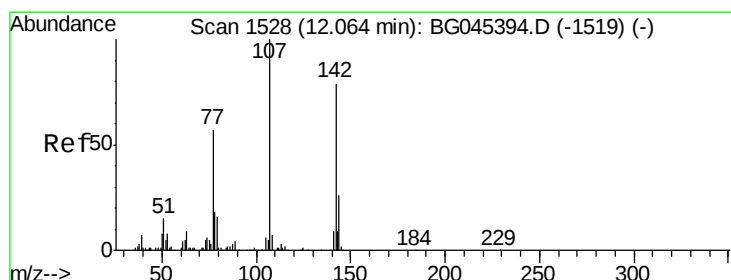
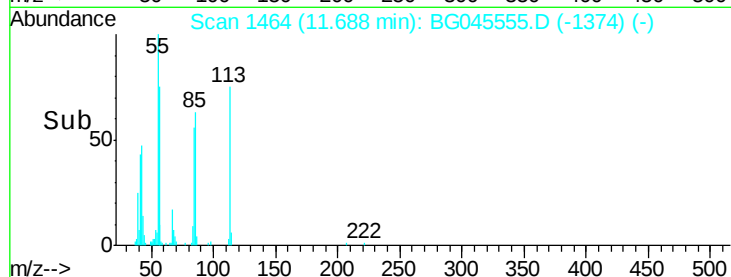
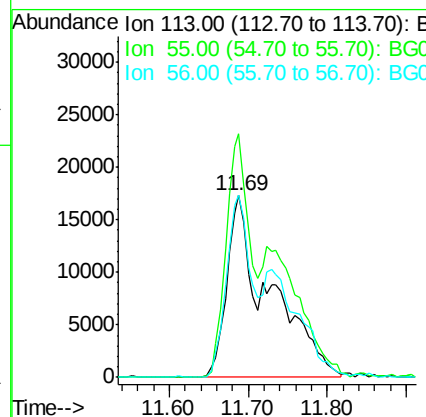
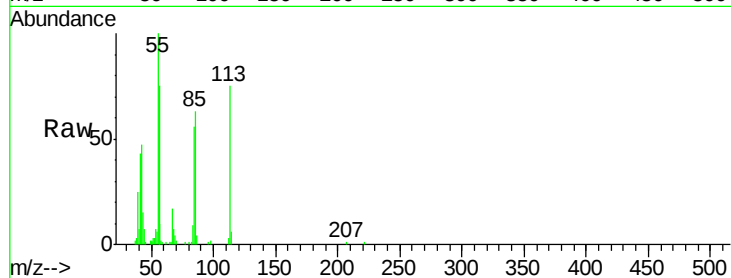
ClientSampleId :

PB129209BSD

Tot Ion:	113	Resp:	65105
Ion Ratio	Lower	Upper	
113	100		
55	133.7	96.0	136.0
56	99.9	75.1	115.1

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#36

4-Chloro-3-methylphenol

Concen: 51.554 ng/mL

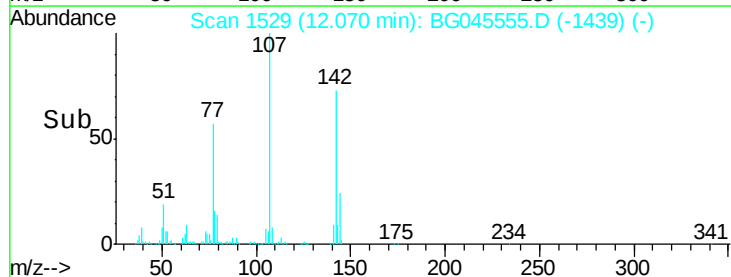
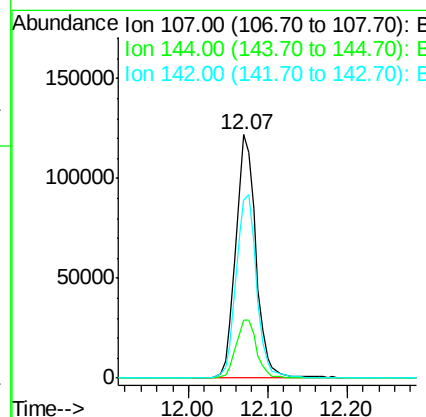
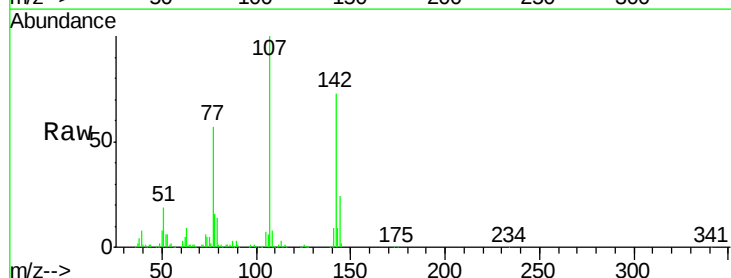
RT: 12.07 min Scan# 1529

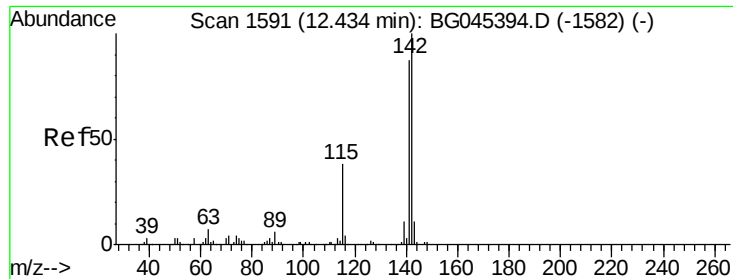
Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Tgt Ion:	107	Resp:	215922
Ion Ratio	Lower	Upper	
107	100		
144	23.7	20.8	31.2
142	73.4	62.8	94.2





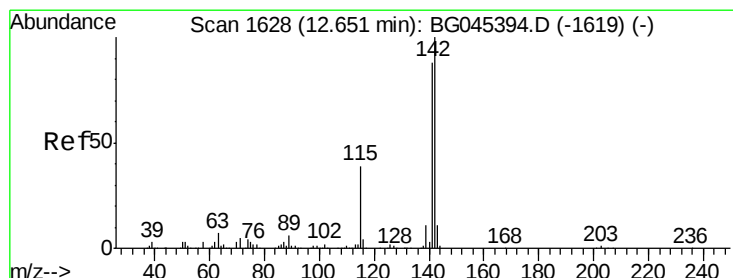
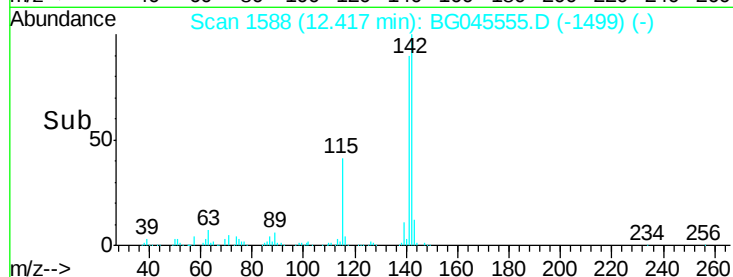
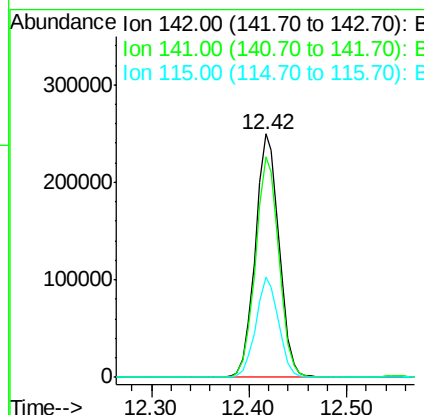
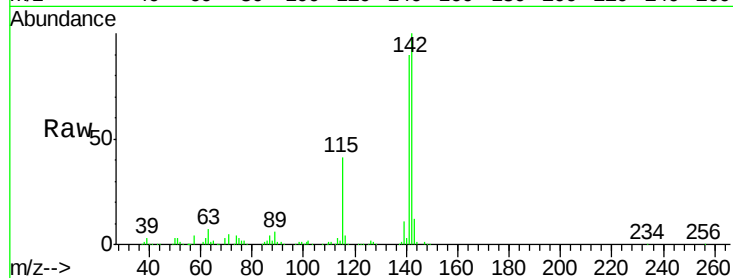
#37
2-Methylnaphthalene
Concen: 48.839 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB129209BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.0	105.0
115	41.0	30.8	46.2

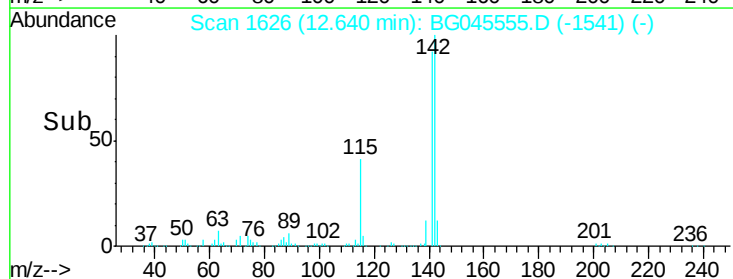
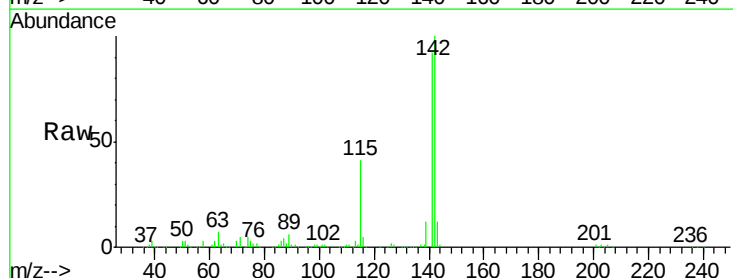
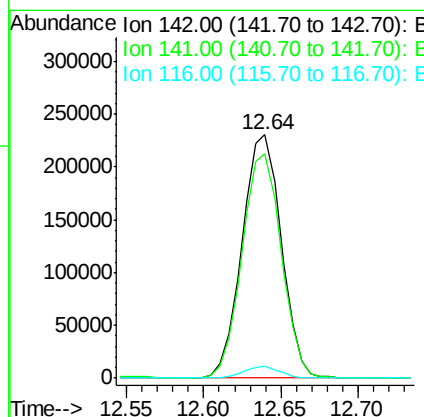
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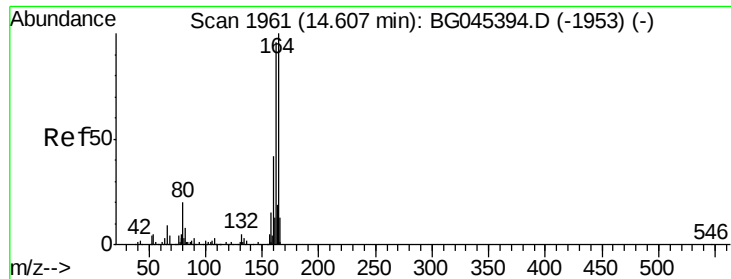
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#38
1-Methylnaphthalene
Concen: 48.603 ng m
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	70.8	106.2
116	4.7	3.0	4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Instrument :

BNA_G

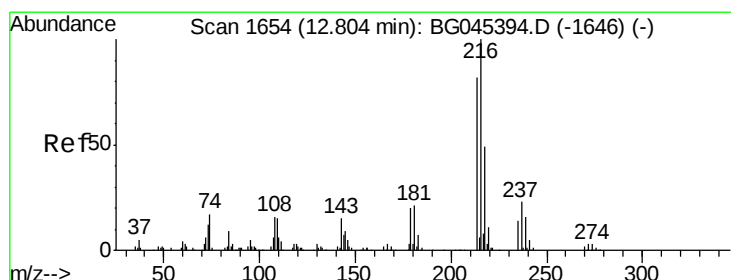
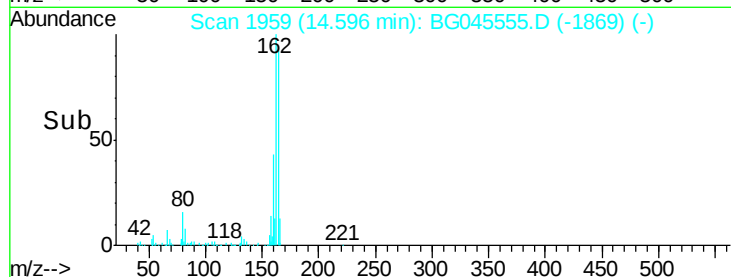
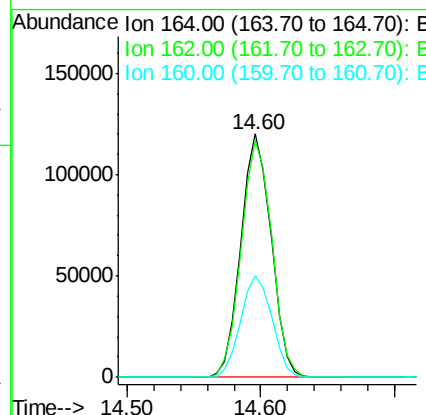
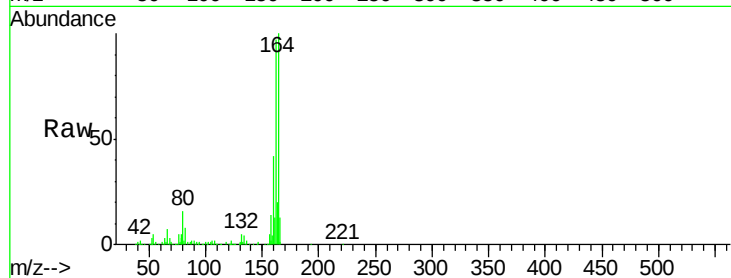
ClientSampleId :

PB129209BSD

Tot Ion:	164	Resp:	188339
Ion Ratio	Lower	Upper	
164	100		
162	97.3	76.9	115.3
160	41.9	33.8	50.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.851 ng

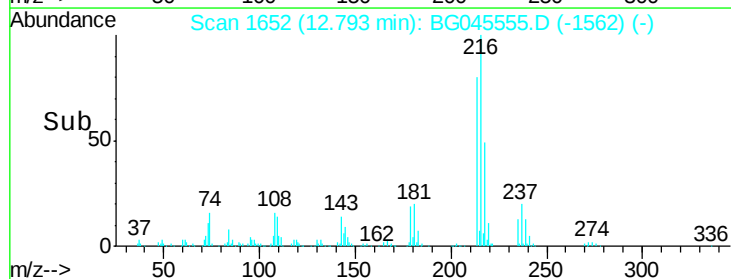
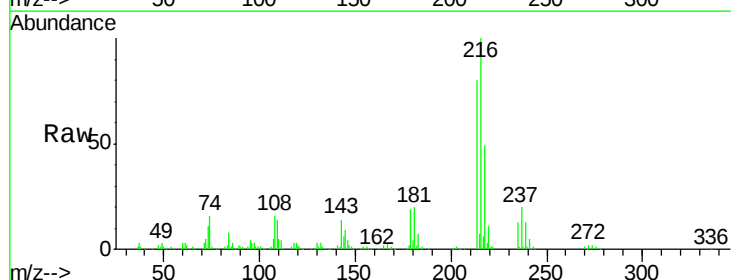
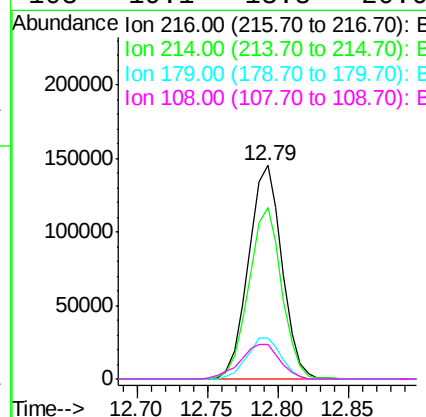
RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Tgt Ion:	216	Resp:	241201
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.7	95.5
179	19.7	16.1	24.1
108	19.1	13.8	20.6





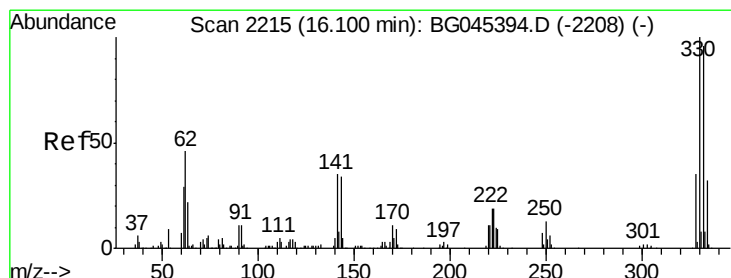
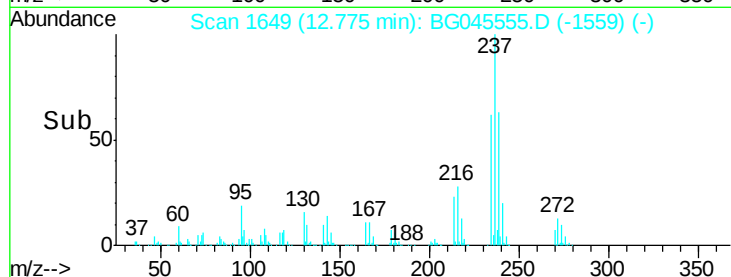
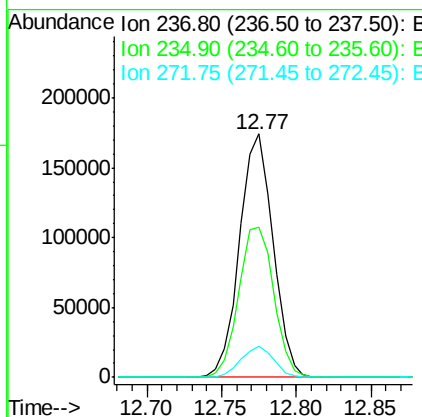
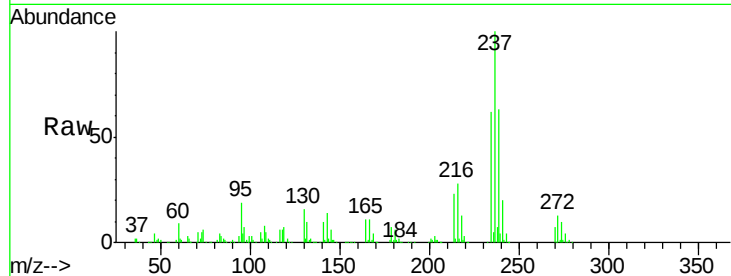
#41
Hexachlorocyclopentadiene
Concen: 89.383 ng
RT: 12.77 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB129209BSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.7	44.4	84.4
272	12.9	0.0	32.5

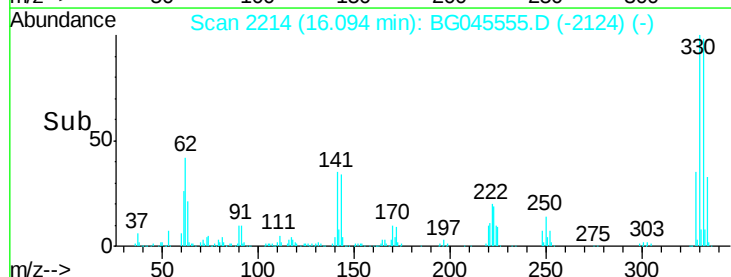
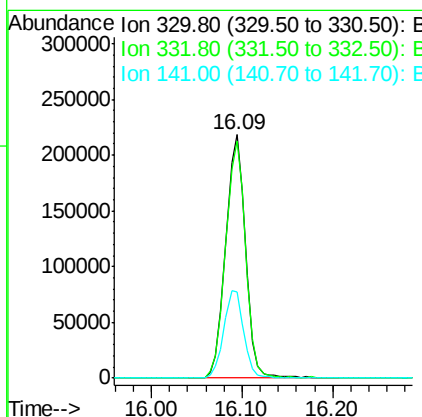
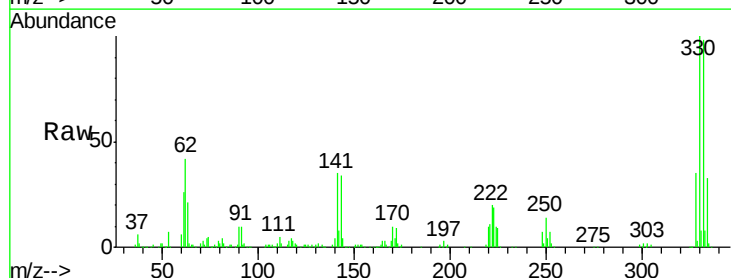
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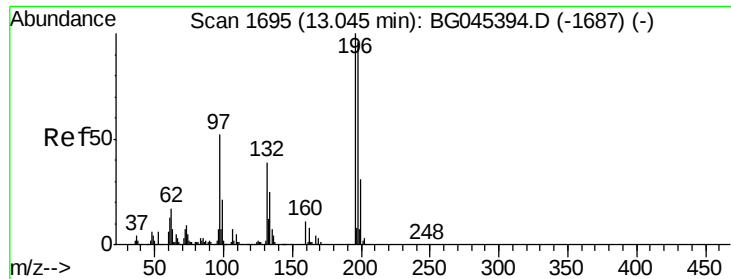
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#42
2,4,6-Tribromophenol
Concen: 137.634 ng
RT: 16.09 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	98.0	78.2	117.4
141	36.1	28.2	42.4





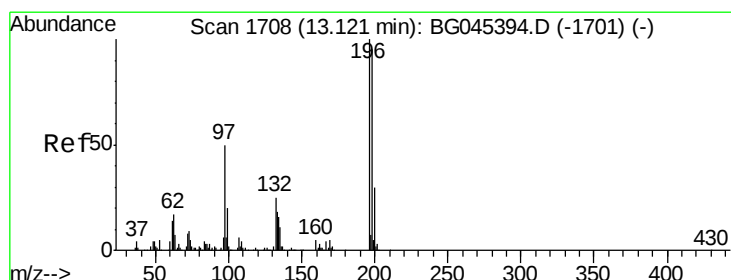
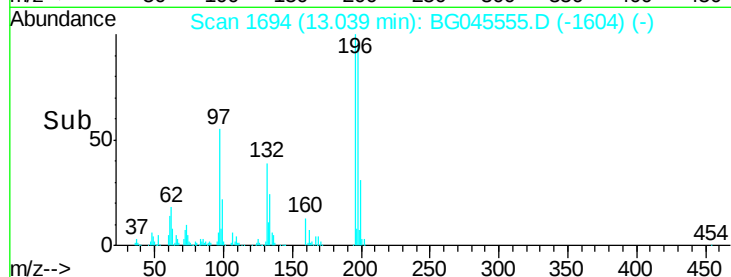
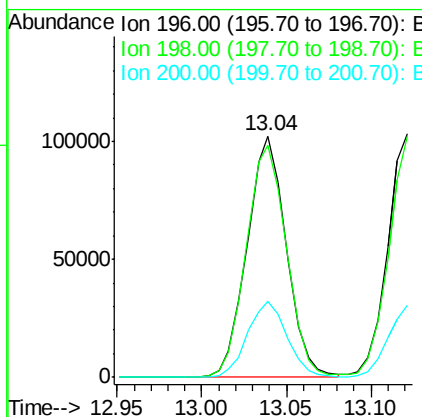
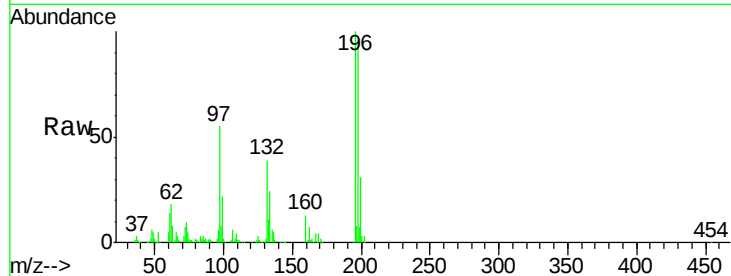
#43
 2,4,6-Trichlorophenol
 Concen: 45.078 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG045555.D
 Acq: 1 Jun 2020 14:36

Instrument :
 BNA_G
 ClientSampleId :
 PB129209BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	164732		
198	96.1	76.7	115.1	
200	31.3	24.9	37.3	

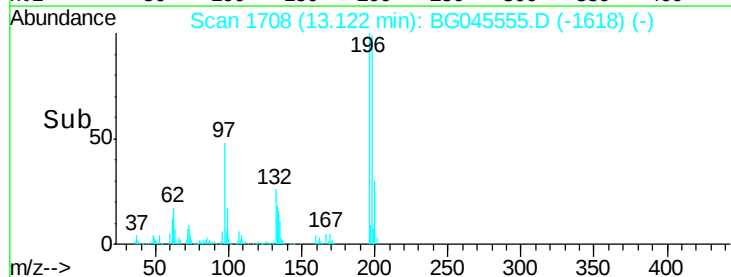
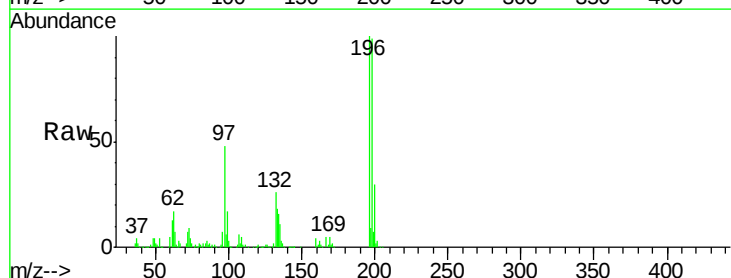
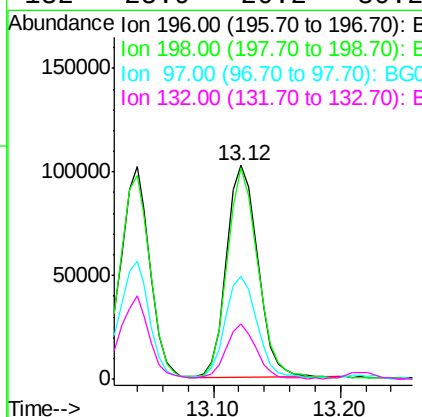
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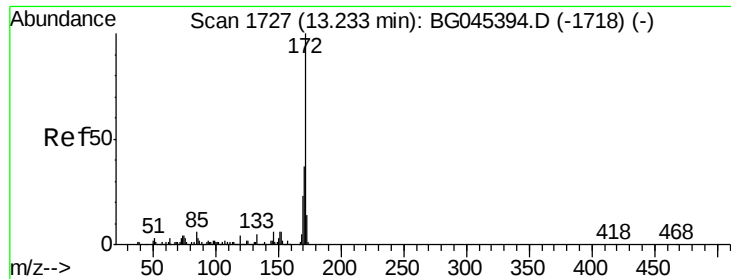
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 42.287 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045555.D
 Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	176588		
198	99.1	76.1	114.1	
97	47.7	40.0	60.0	
132	25.9	20.2	30.2	





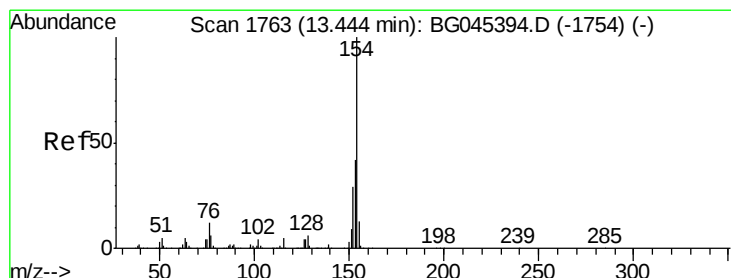
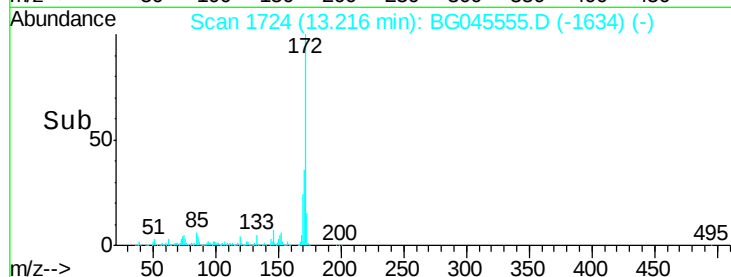
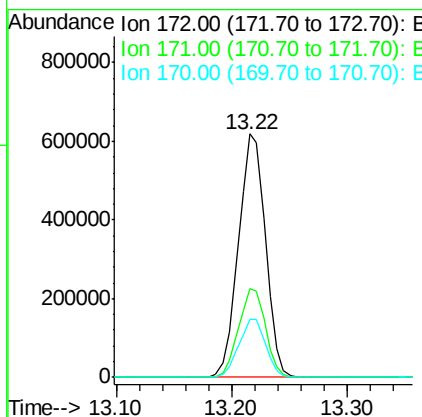
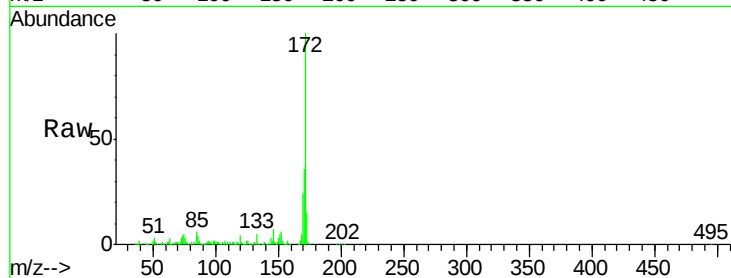
#45
2-Fluorobiphenyl
Concen: 90.234 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB129209BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.5	44.3
170	23.9	18.5	27.7

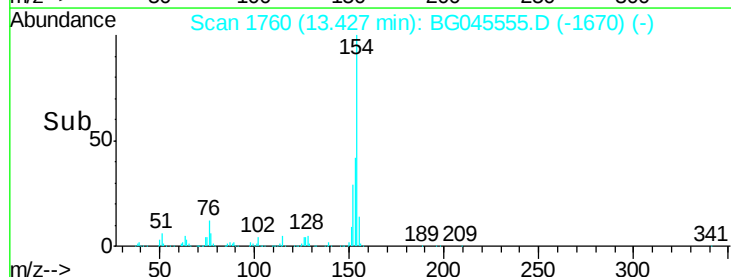
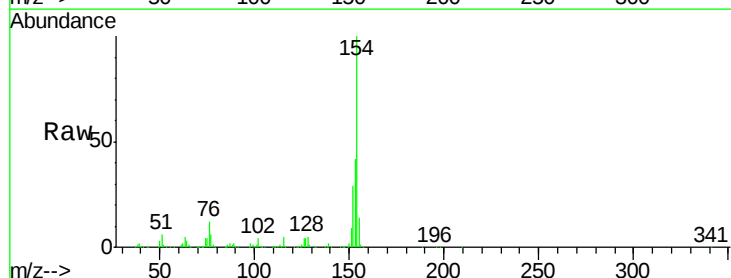
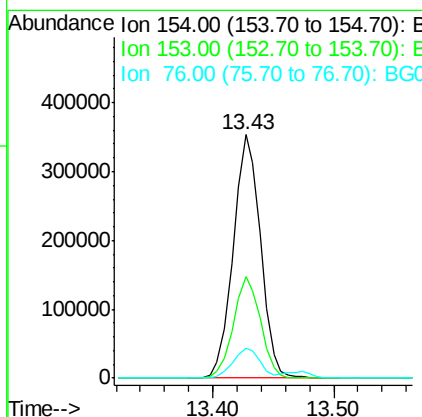
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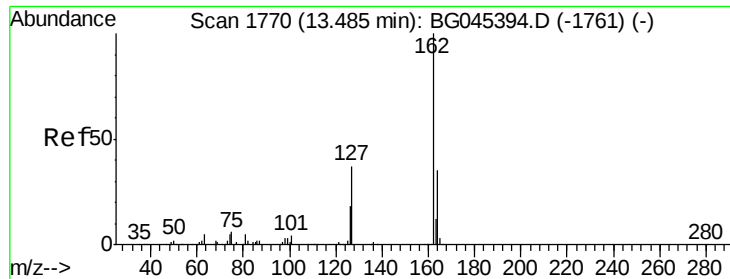
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#46
1,1'-Biphenyl
Concen: 48.132 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.2	62.2
76	12.2	0.0	32.4





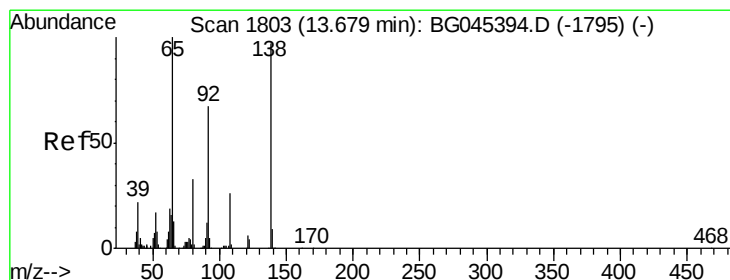
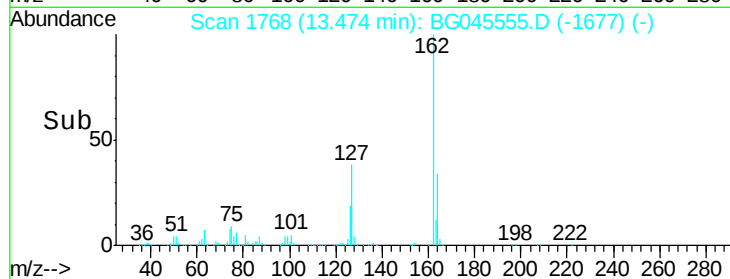
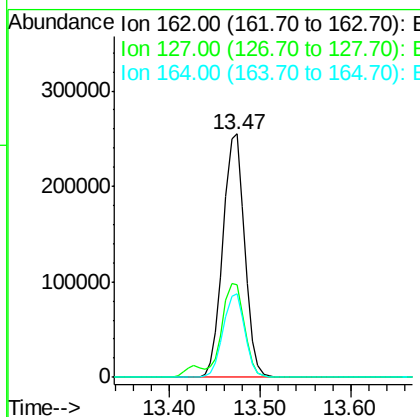
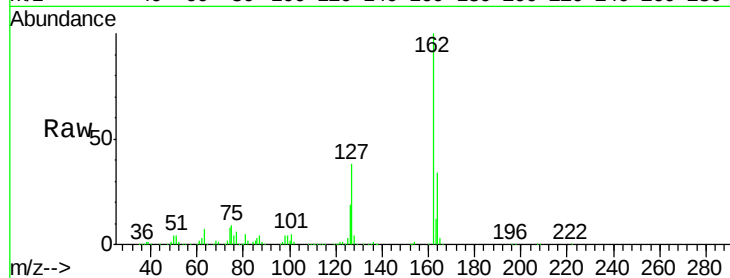
#47
2-Chloronaphthalene
Concen: 45.196 ng
RT: 13.47 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB129209BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.6	47.4
164	34.1	28.1	42.1

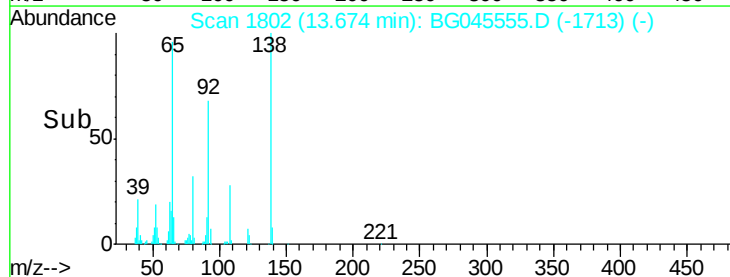
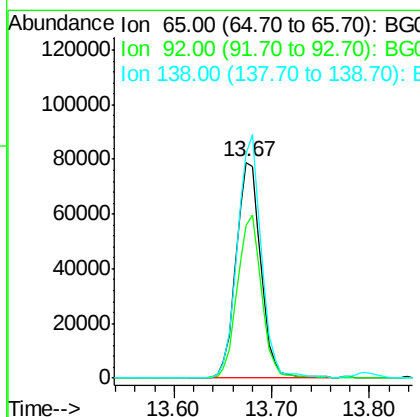
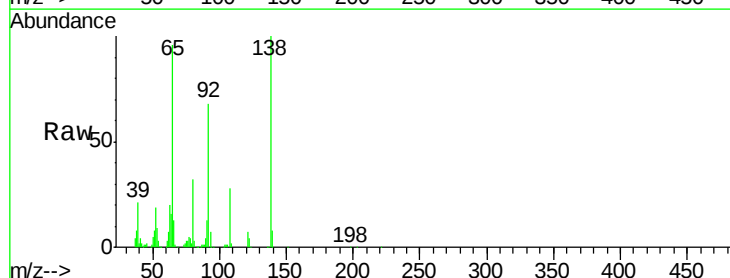
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#48
2-Nitroaniline
Concen: 44.890 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	53.8	80.8
138	103.7	77.9	116.9





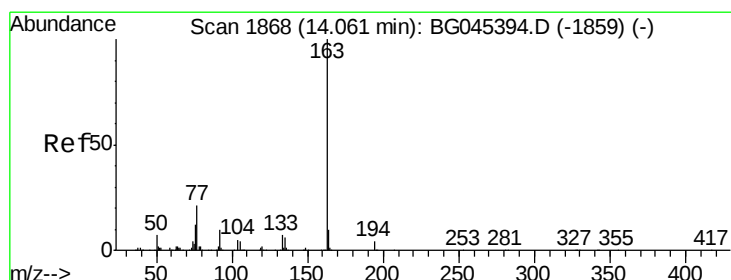
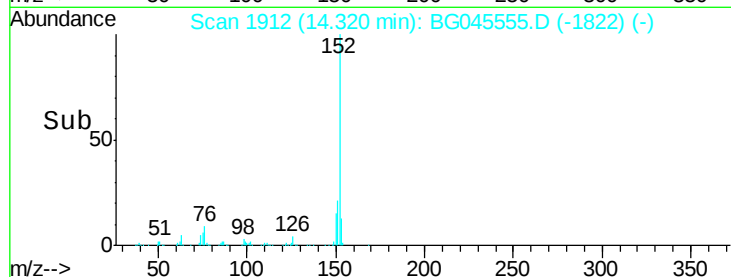
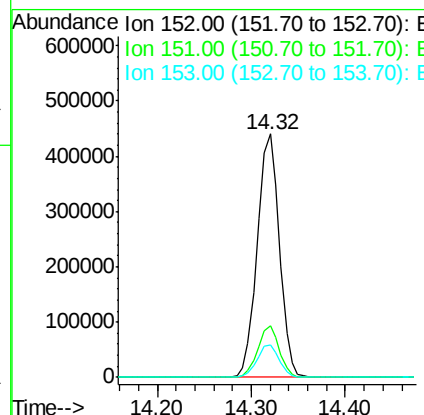
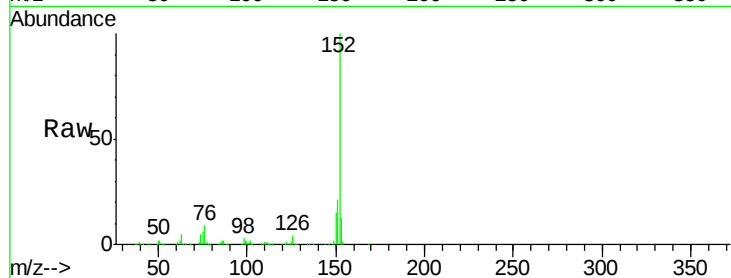
#49
Acenaphthylene
Concen: 47.632 ng
RT: 14.32 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB129209BSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	718988		
151	21.2		17.4	26.2
153	13.2		10.7	16.1

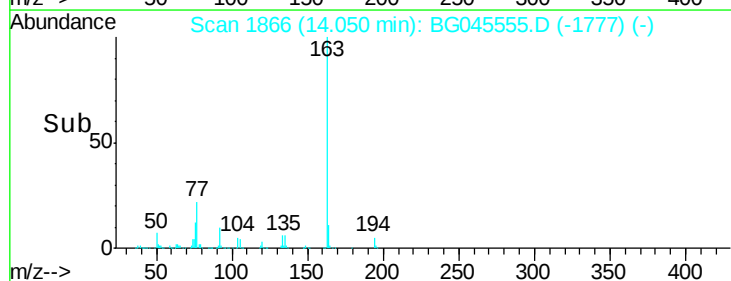
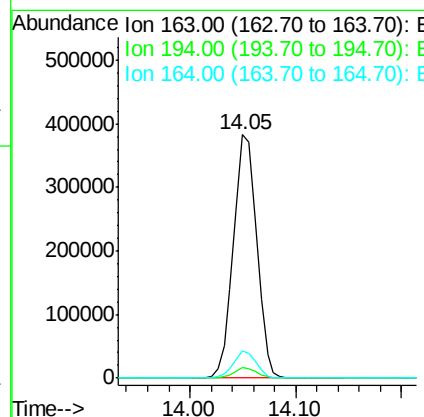
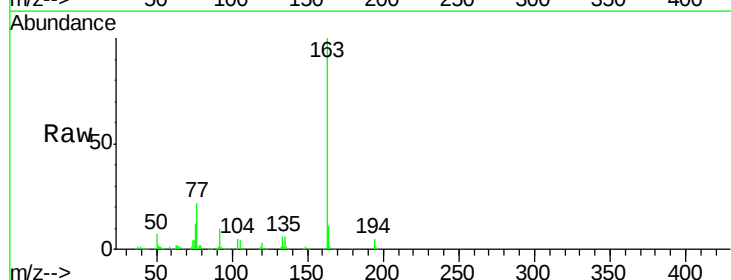
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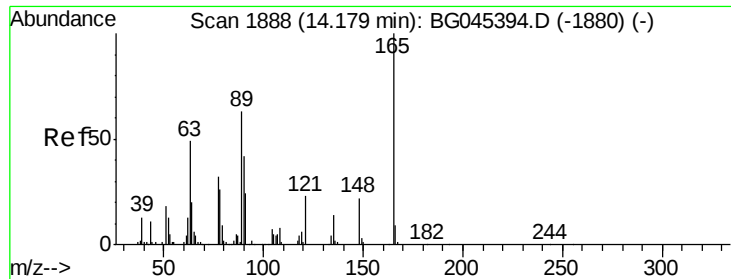
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#50
Dimethylphthalate
Concen: 45.078 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	582409		
194	4.5		3.2	4.8
164	11.2		8.3	12.5





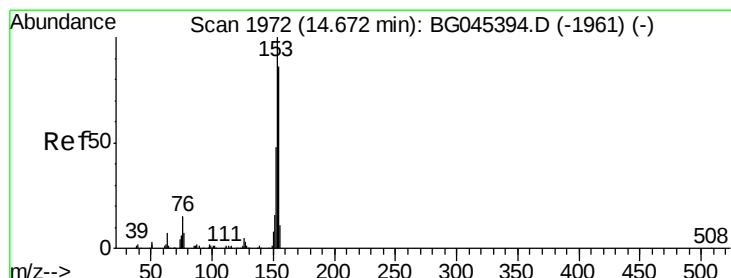
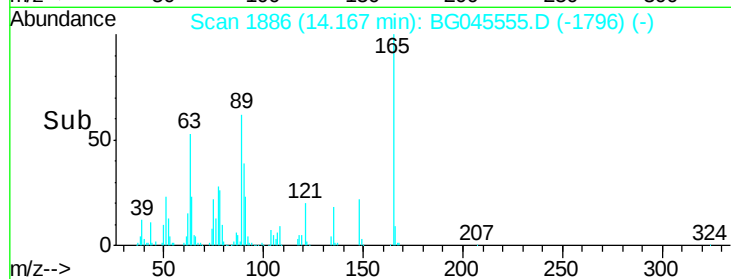
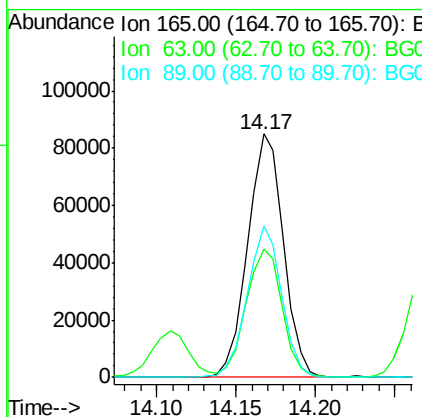
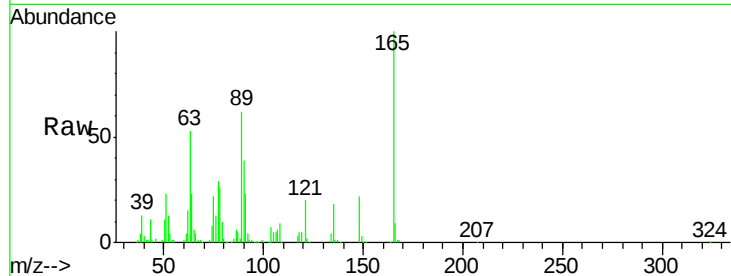
#51
 2,6-Dinitrotoluene
 Concen: 45.571 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045555.D
 Acq: 1 Jun 2020 14:36

Instrument :
 BNA_G
 ClientSampleId :
 PB129209BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.9	45.0	67.4	
89	62.1	50.2	75.4	

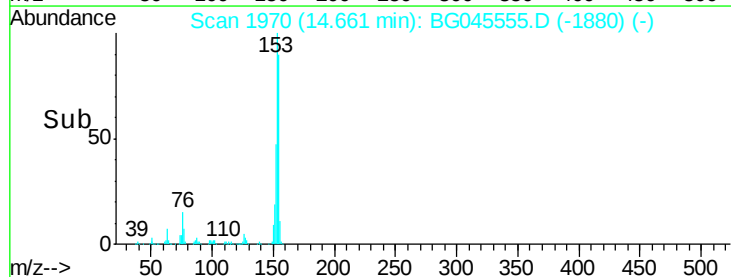
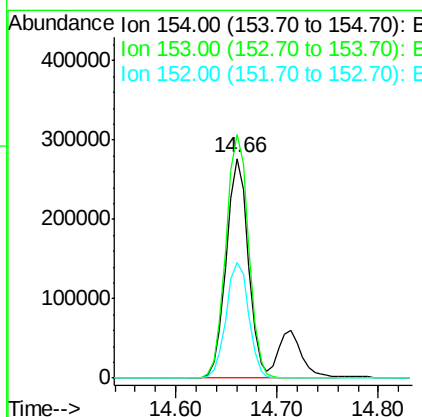
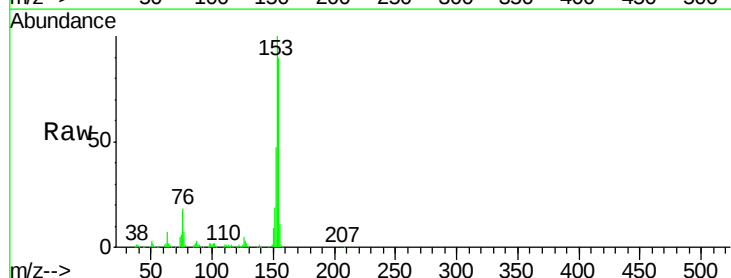
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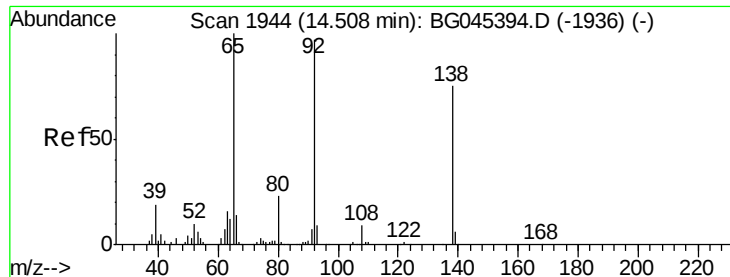
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#52
 Acenaphthene
 Concen: 51.261 ng m
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045555.D
 Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	110.9	92.8	139.2	
152	52.6	44.6	66.8	





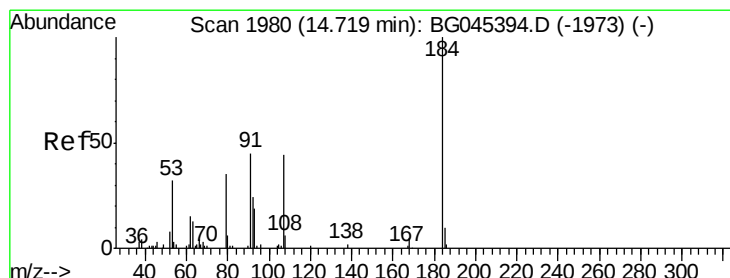
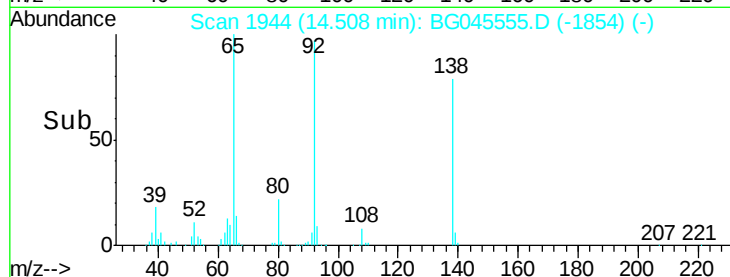
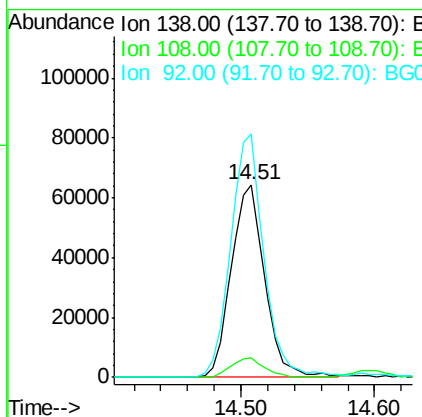
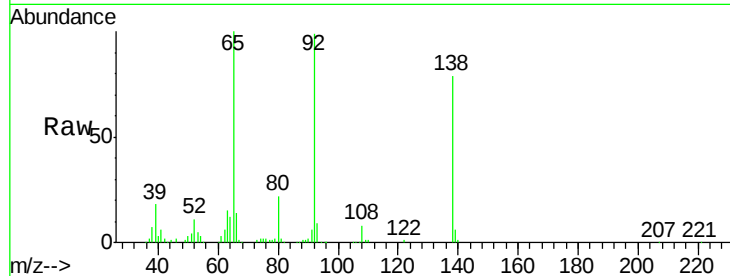
#53
3-Nitroaniline
Concen: 37.878 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB129209BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.8	14.6
92	126.2	103.0	154.4

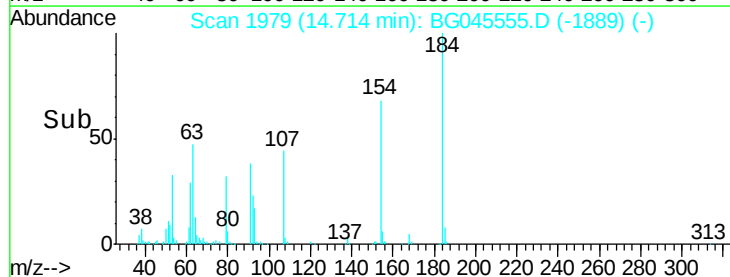
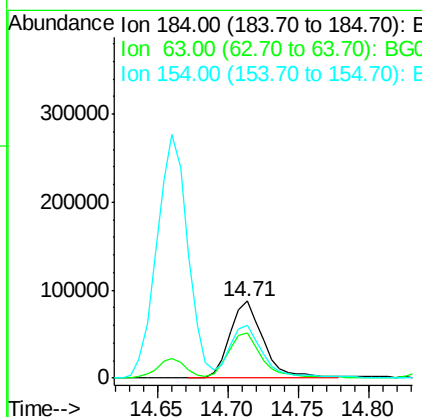
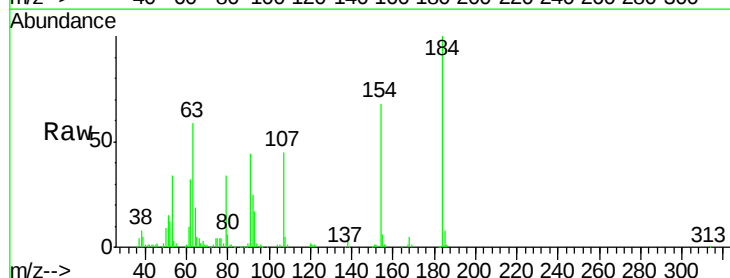
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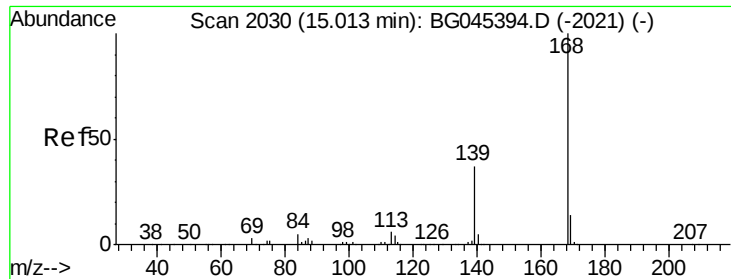
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#54
2,4-Dinitrophenol
Concen: 75.967 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.5	47.8	71.6
154	68.2	58.3	87.5





#55

Dibenzofuran

Concen: 46.362 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Instrument :

BNA_G

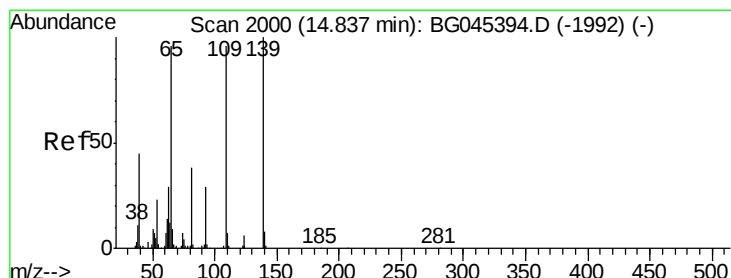
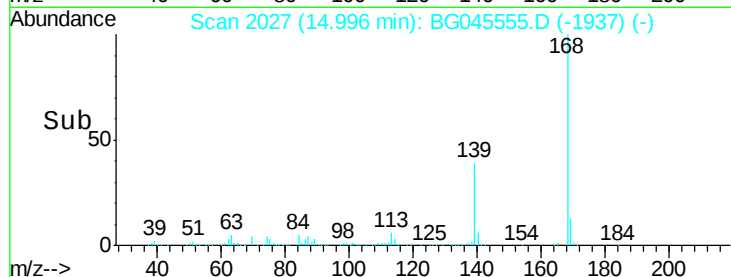
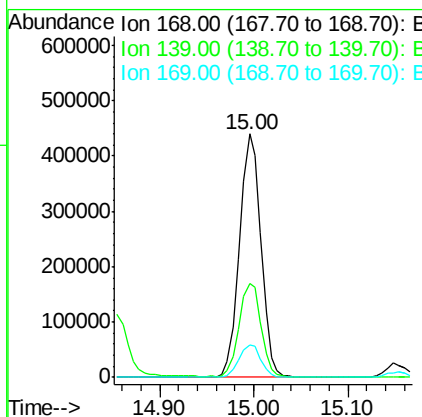
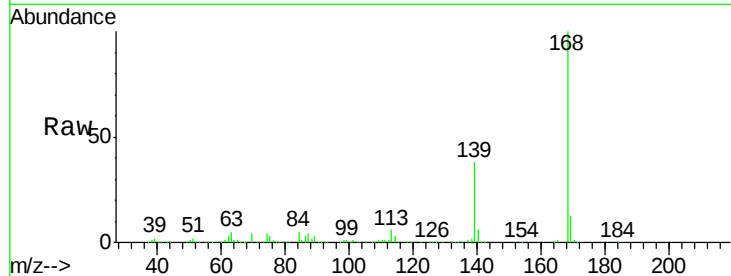
ClientSampleId :

PB129209BSD

Tot Ion:	168	Resp:	695641
Ion Ratio	Lower	Upper	
168	100		
139	38.5	29.9	44.9
169	13.4	10.9	16.3

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#56

4-Nitrophenol

Concen: 90.543 ng

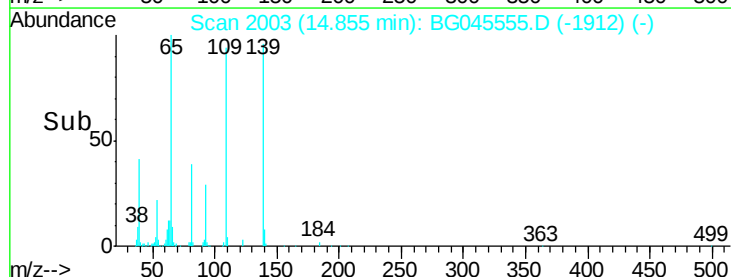
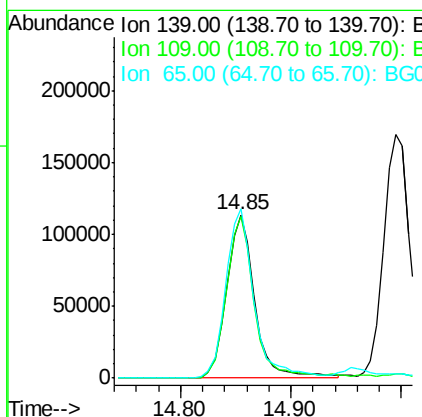
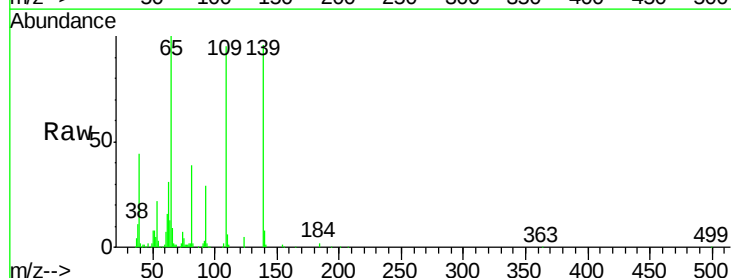
RT: 14.85 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Tgt Ion:	139	Resp:	203156
Ion Ratio	Lower	Upper	
139	100		
109	98.7	75.6	115.6
65	103.8	76.8	116.8





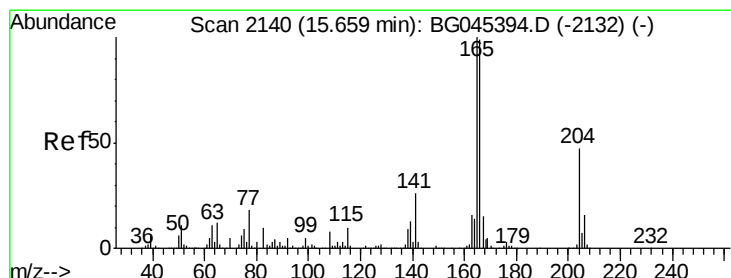
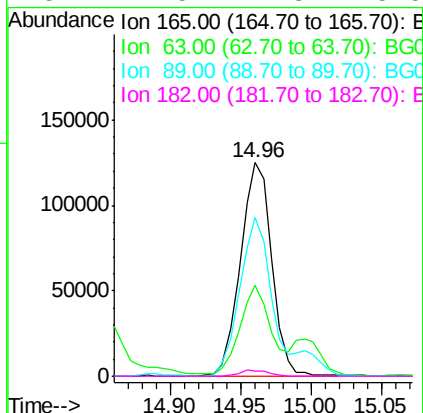
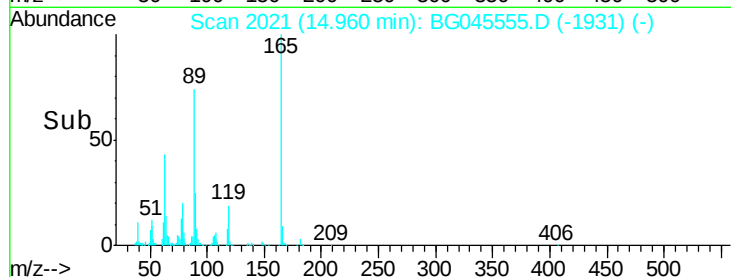
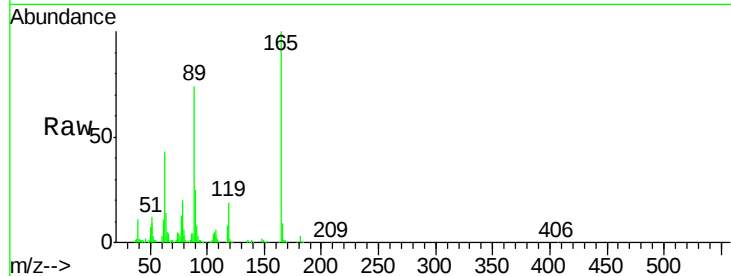
#57
2,4-Dinitrotoluene
Concen: 45.971 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB129209BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		194103		
63	42.5	32.5	48.7		
89	74.3	61.8	92.6		
182	2.5	2.3	3.5		

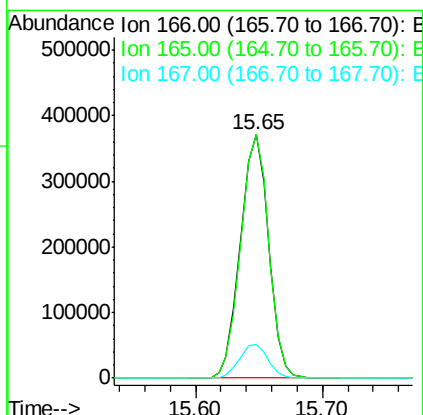
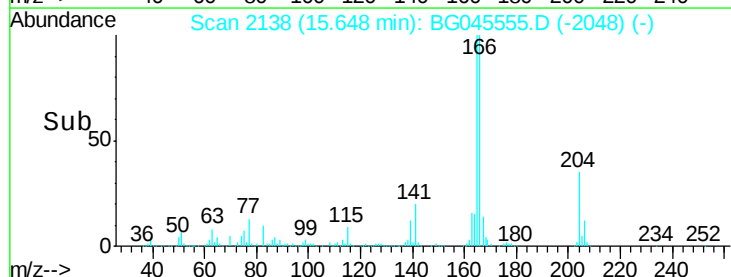
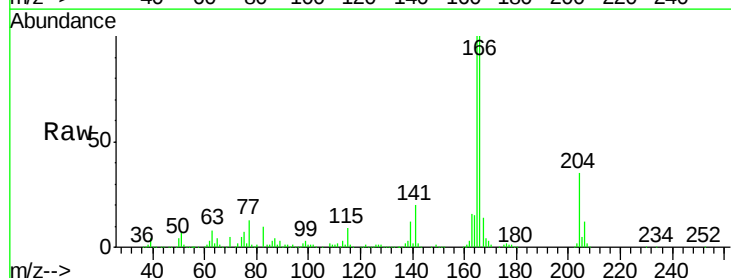
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#58
Fluorene
Concen: 46.405 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		572039		
165	99.8	80.8	121.2		
167	14.0	12.0	18.0		





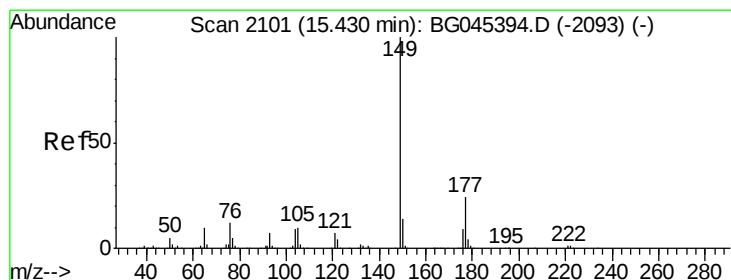
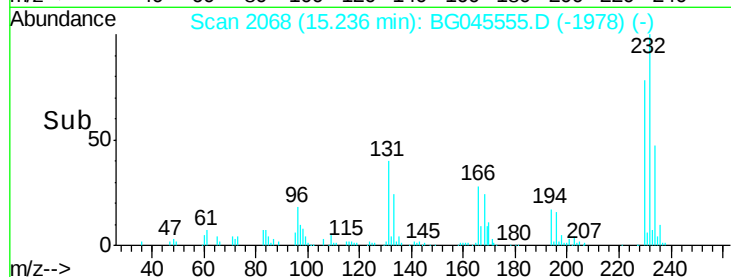
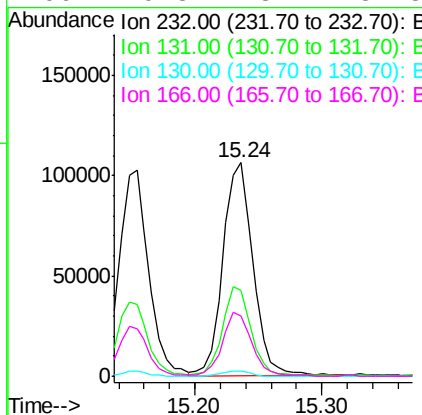
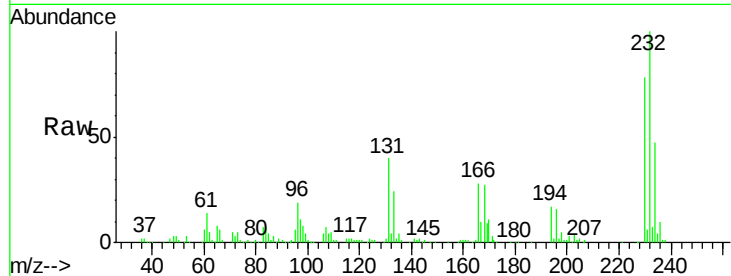
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.931 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. 0.00 min
 Lab File: BG045555.D
 Acq: 1 Jun 2020 14:36

Instrument :
 BNA_G
 ClientSampleId :
 PB129209BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.1	33.7	50.5
130	2.4	2.1	3.1
166	29.3	23.2	34.8

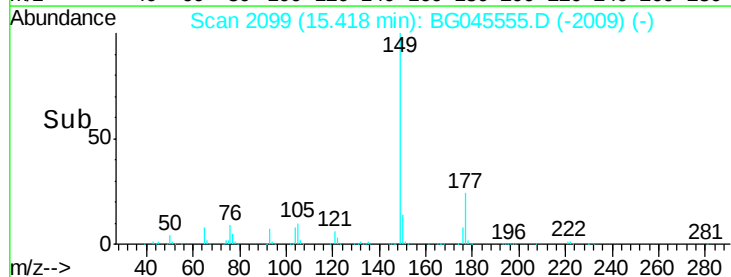
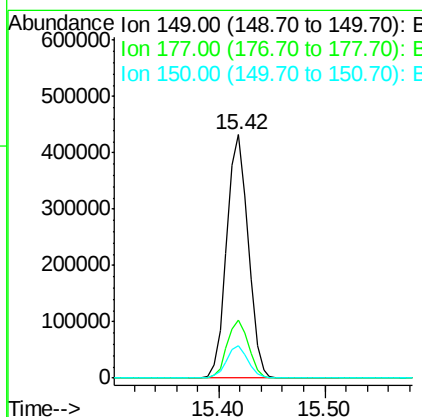
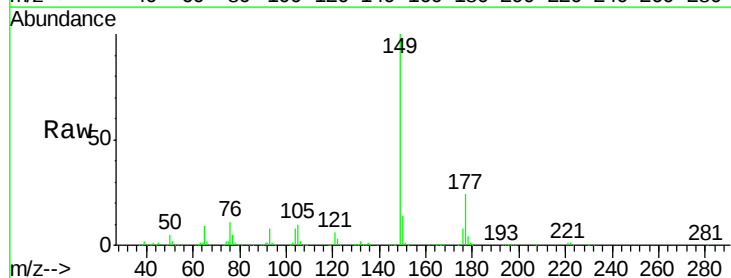
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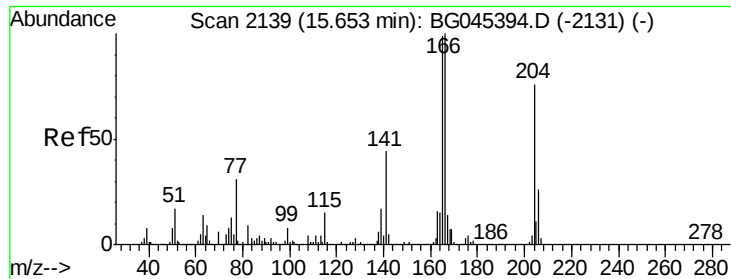
mohammad
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#60
 Diethylphthalate
 Concen: 45.151 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG045555.D
 Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.0	28.4
150	13.5	11.4	17.0





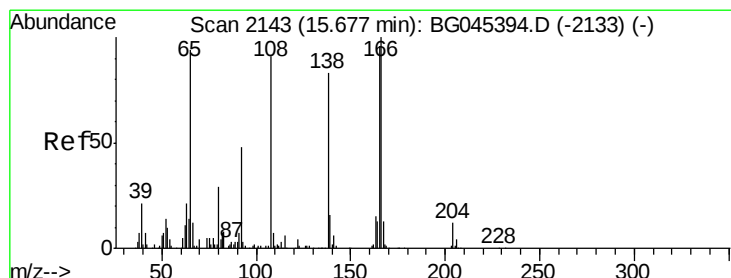
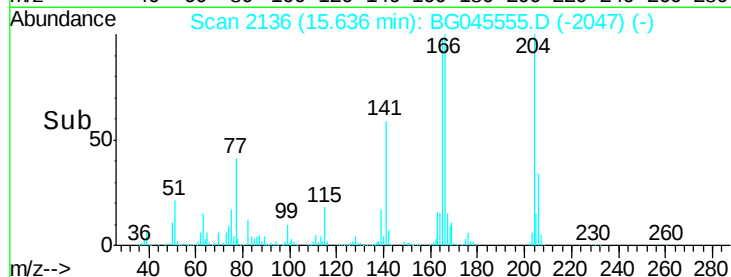
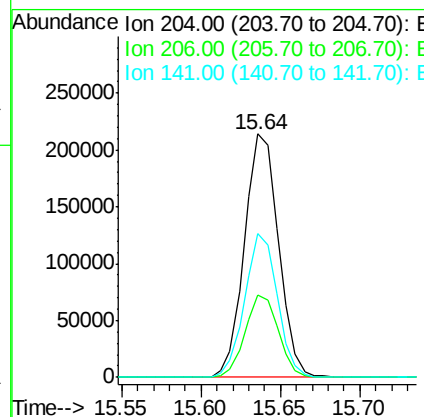
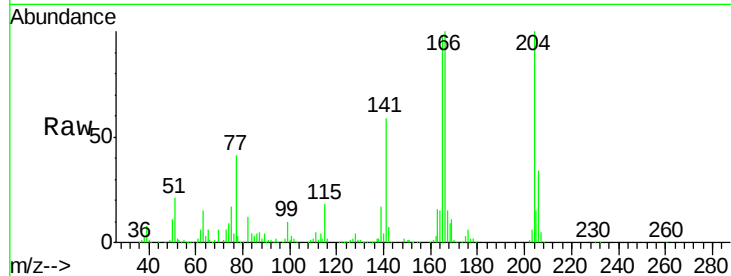
#61
4-Chlorophenyl-phenylether
Concen: 45.322 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Instrument :
BNA_G
ClientSampled :
PB129209BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	319698		
206	34.1	27.3	40.9	
141	58.8	45.9	68.9	

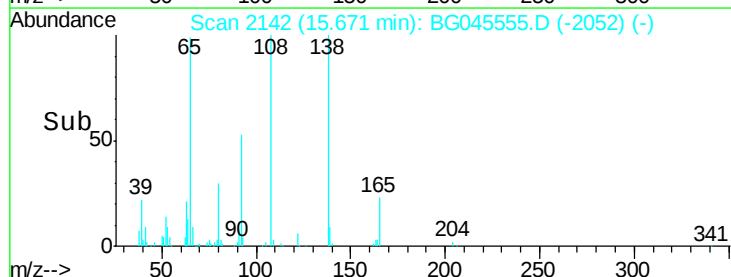
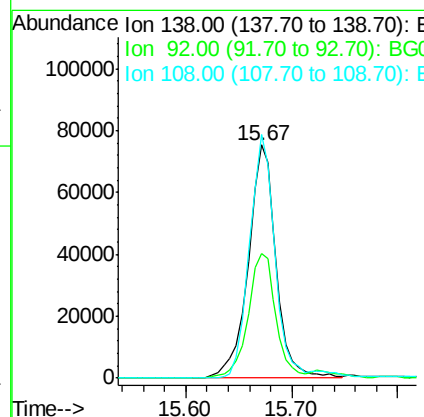
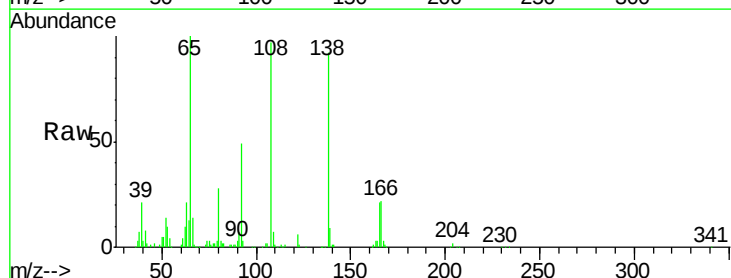
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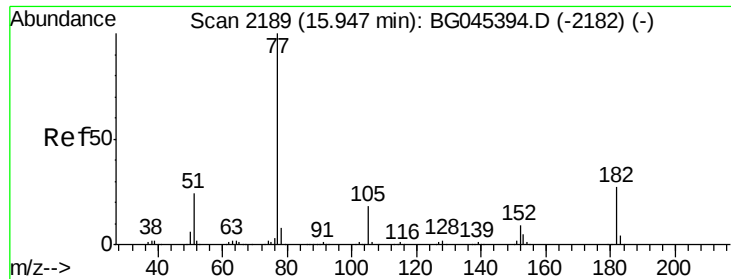
mohammad
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#62
4-Nitroaniline
Concen: 44.567 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	137887		
92	53.5	38.0	78.0	
108	104.3	89.3	129.3	





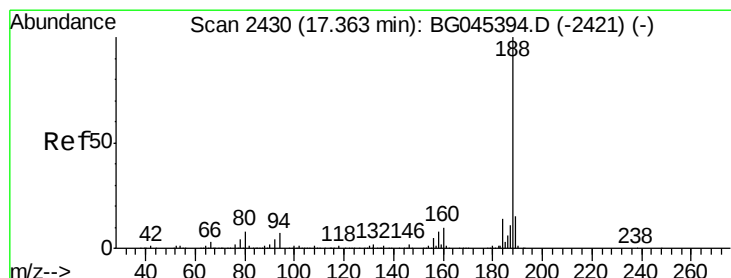
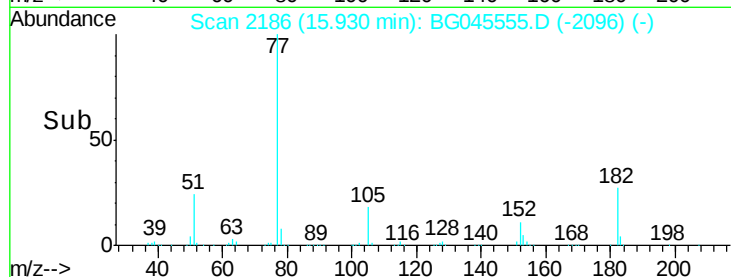
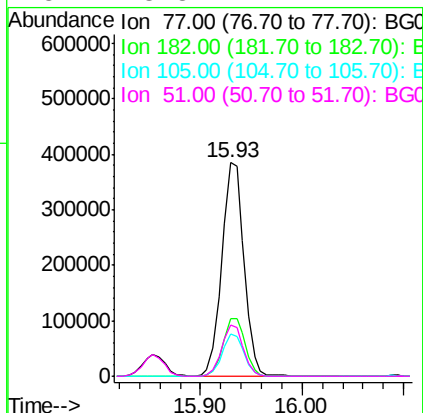
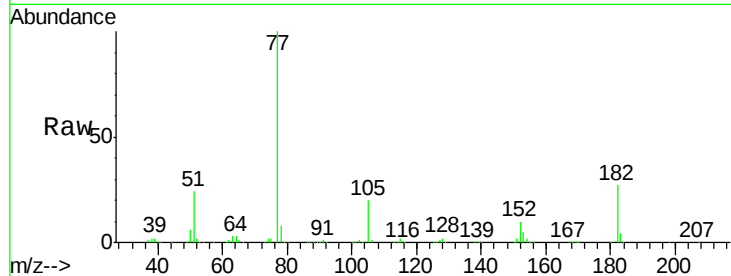
#63
Azobenzene
Concen: 46.325 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB129209BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.9	6.5	46.5
105	19.6	0.0	37.9
51	23.8	4.1	44.1

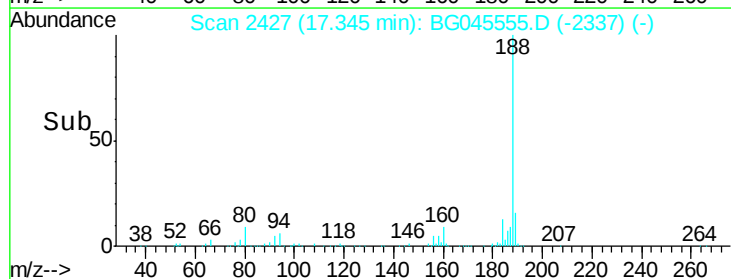
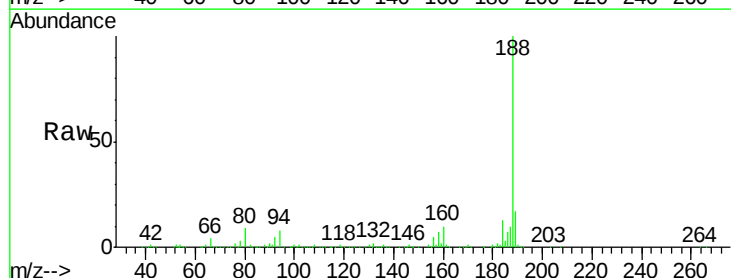
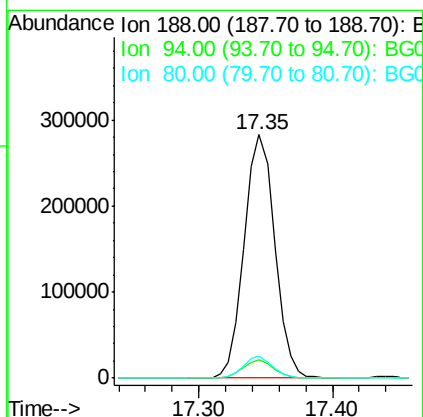
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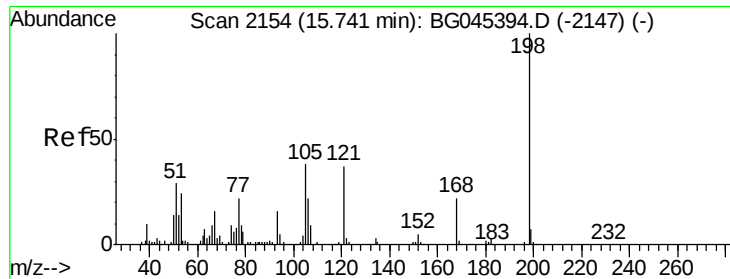
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.5	8.3
80	9.3	6.6	10.0





#65

4,6-Dinitro-2-methylphenol

Concen: 46.506 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Instrument :

BNA_G

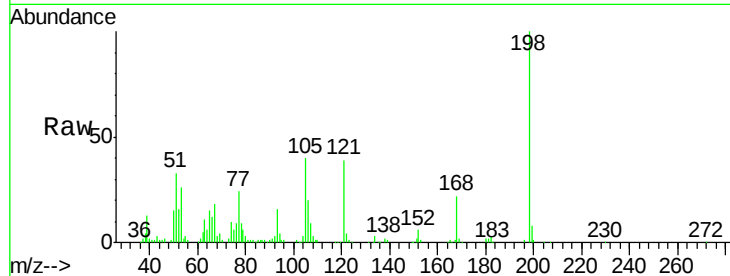
ClientSampleId :

PB129209BSD

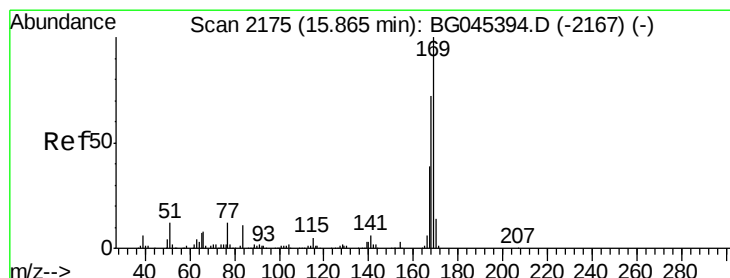
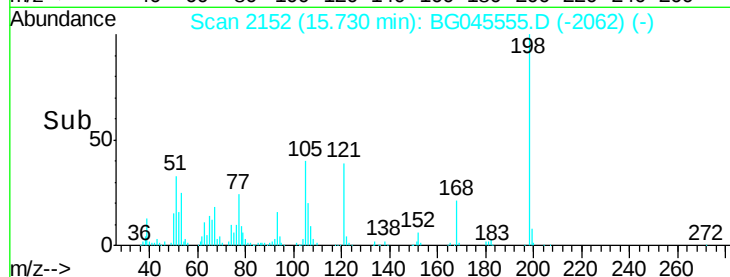
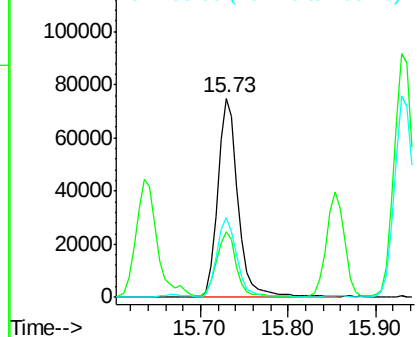
Tot Ion:	198	Resp:	120865
Ion Ratio	Lower	Upper	
198	100		
51	32.9	10.0	50.0
105	39.9	18.9	58.9

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



#66

n-Nitrosodiphenylamine

Concen: 47.262 ng

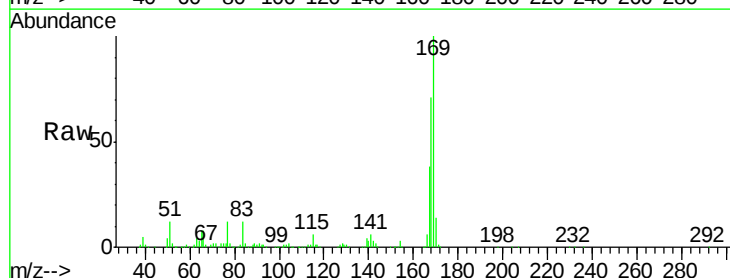
RT: 15.85 min Scan# 2173

Delta R.T. 0.00 min

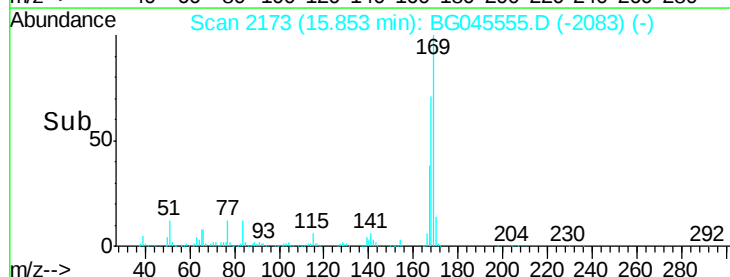
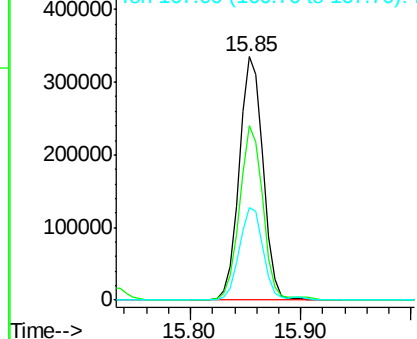
Lab File: BG045555.D

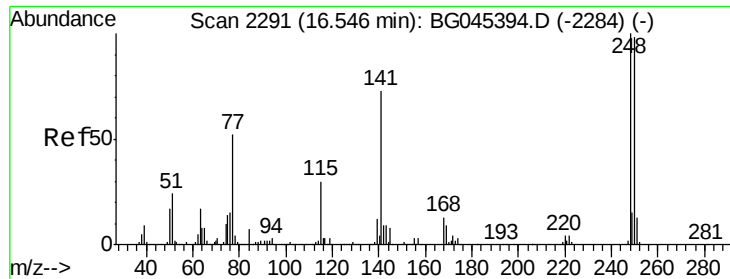
Acq: 1 Jun 2020 14:36

Tgt Ion:	169	Resp:	506382
Ion Ratio	Lower	Upper	
169	100		
168	71.4	57.8	86.6
167	38.0	31.5	47.3



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





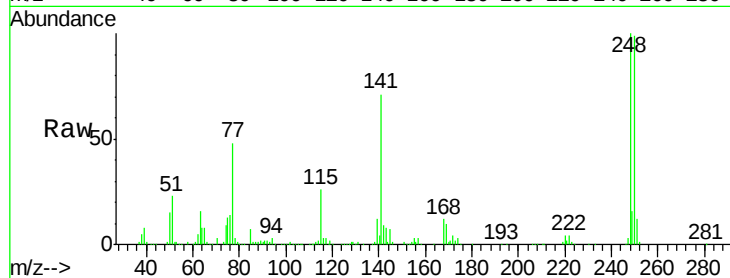
#67
4-Bromophenyl-phenylether
Concen: 45.489 ng
RT: 16.53 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB129209BSD

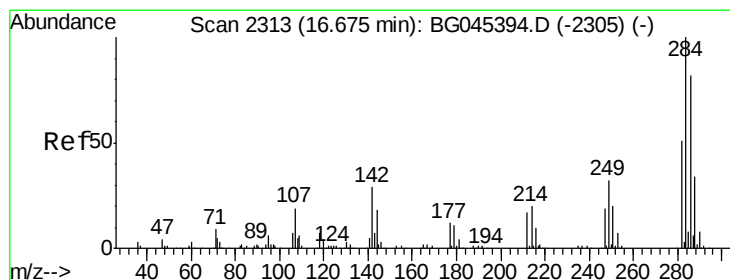
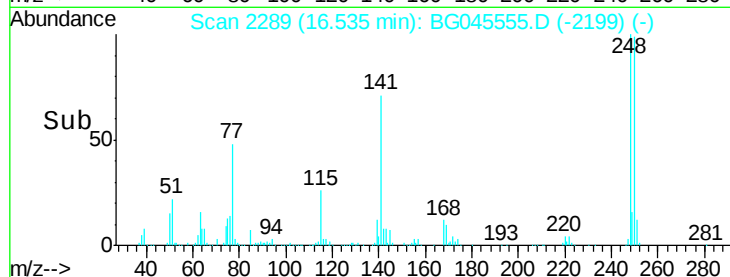
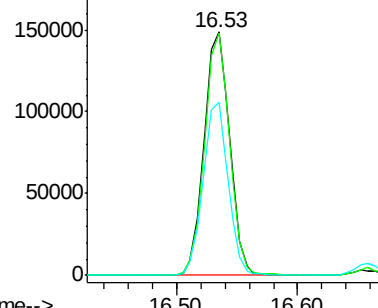
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.4	78.6	117.8
141	71.2	58.2	87.2

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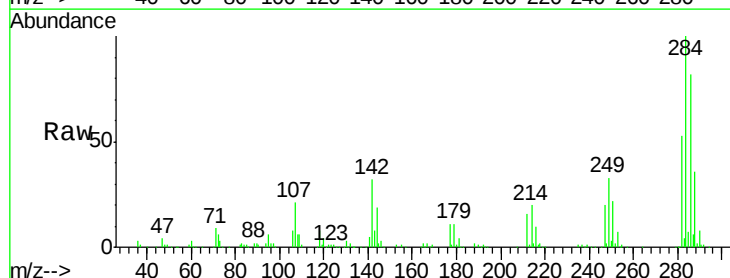


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

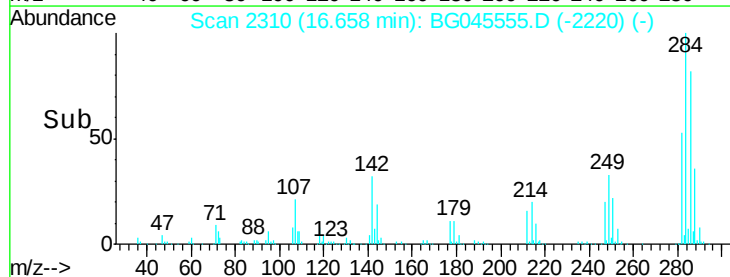
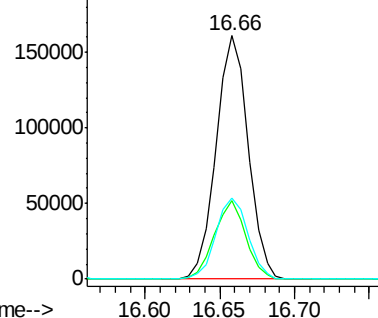


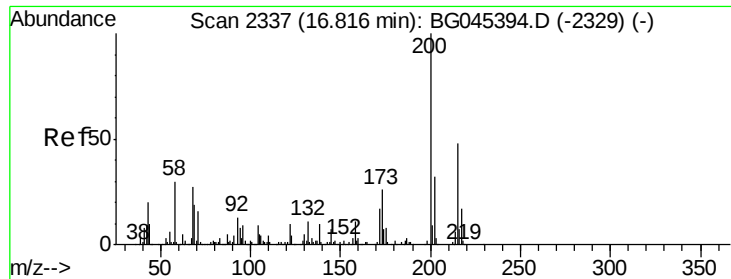
#68
Hexachlorobenzene
Concen: 47.273 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	23.0	34.6
249	33.3	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





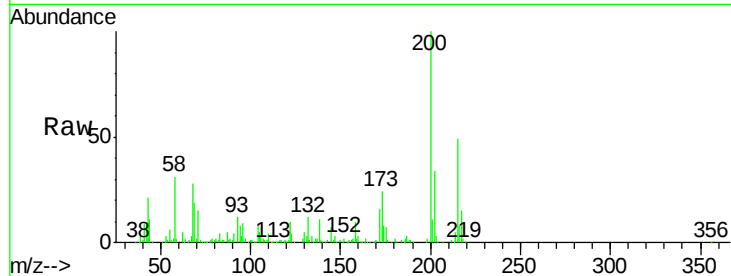
#69
Atrazine
Concen: 44.106 ng
RT: 16.80 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB129209BSD

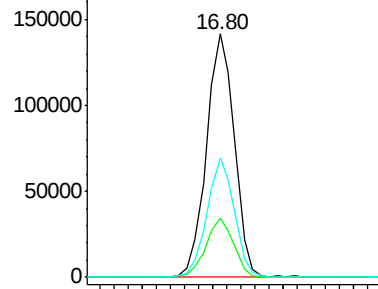
Tot Ion	Ratio	Resp	Lower	Upper
200	100	194642		
173	24.2	5.5	45.5	
215	49.1	28.2	68.2	

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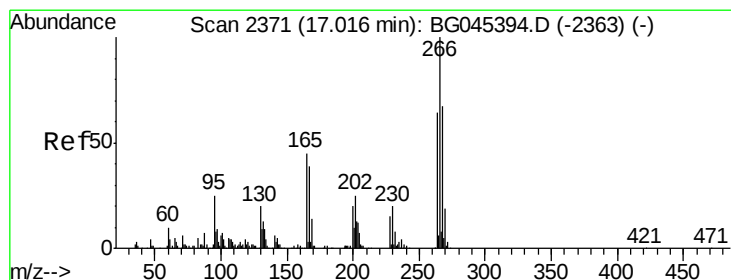
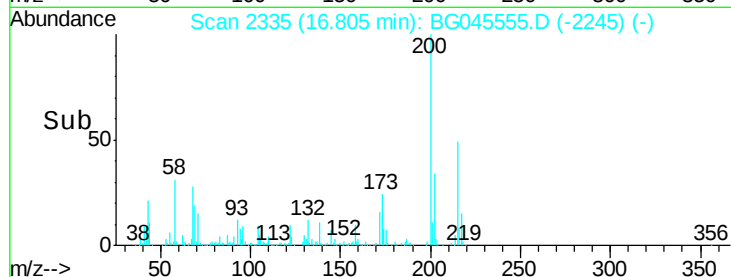
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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

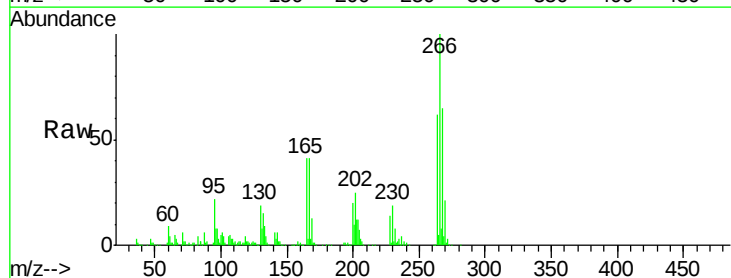


Time-->

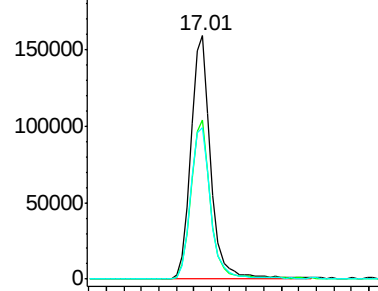


#70
Pentachlorophenol
Concen: 95.192 ng
RT: 17.01 min Scan# 2370
Delta R.T. 0.01 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

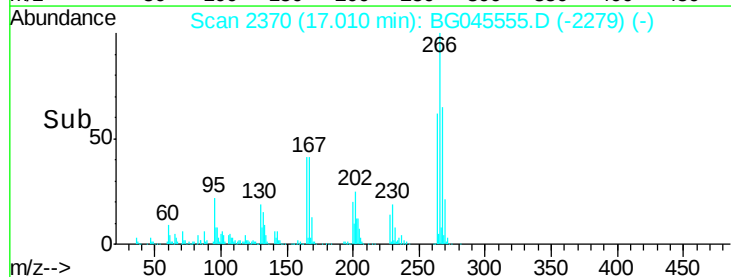
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	249805		
268	65.1	53.2	79.8	
264	62.1	51.0	76.4	

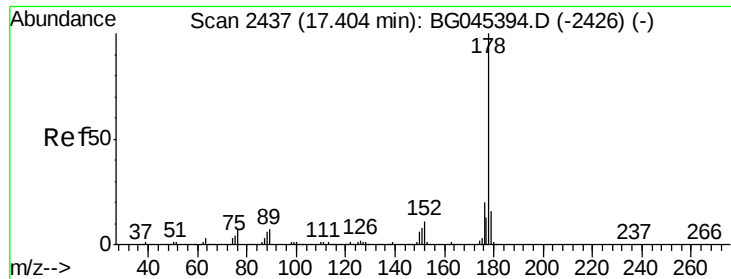


Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



Time-->





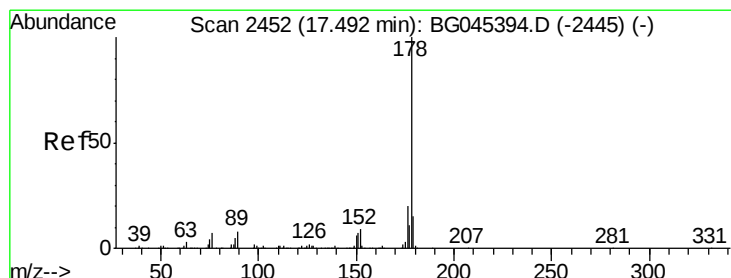
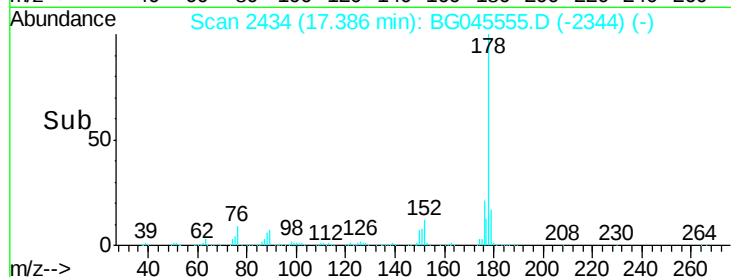
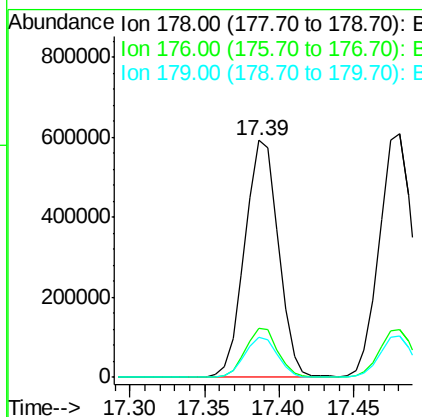
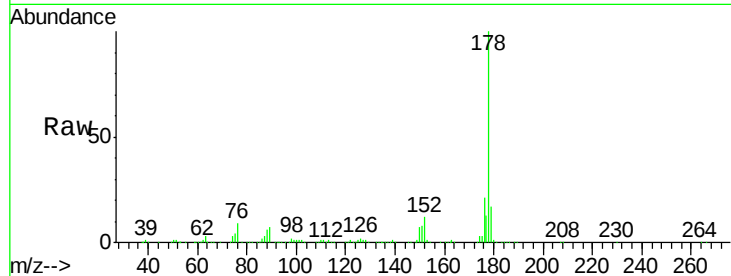
#71
Phenanthrene
Concen: 47.289 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB129209BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	17.2	13.1	19.7

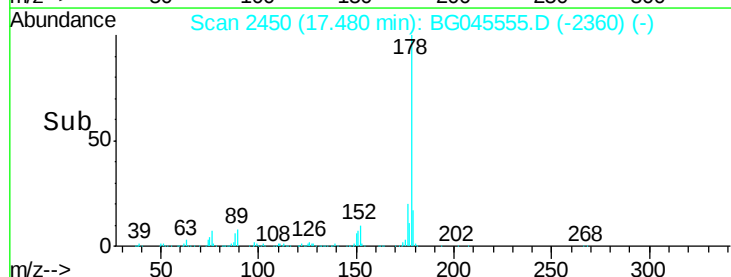
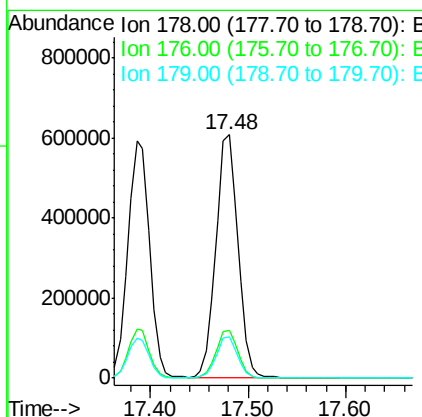
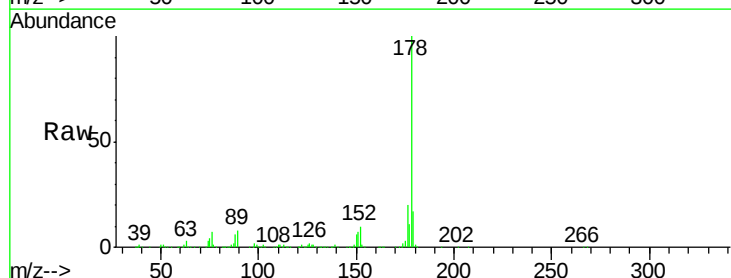
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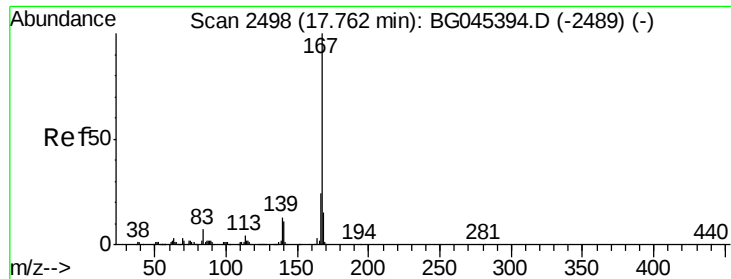
mohammad
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#72
Anthracene
Concen: 49.008 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	16.9	12.2	18.4





#73

Carbazole

Concen: 45.805 ng

RT: 17.75 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Instrument :

BNA_G

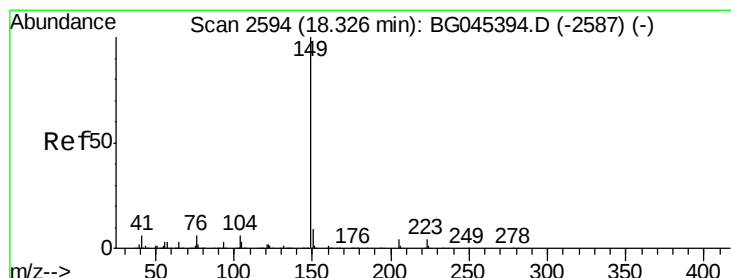
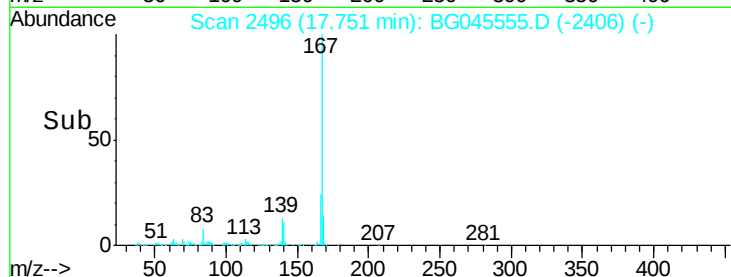
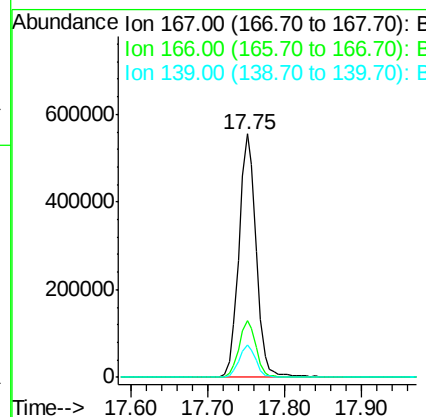
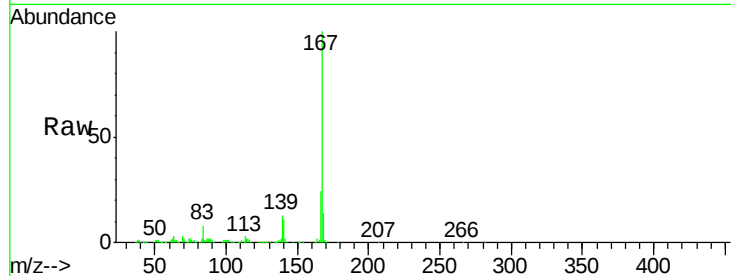
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.2	28.8
139	13.5	10.6	16.0

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#74

Di-n-butylphthalate

Concen: 45.192 ng

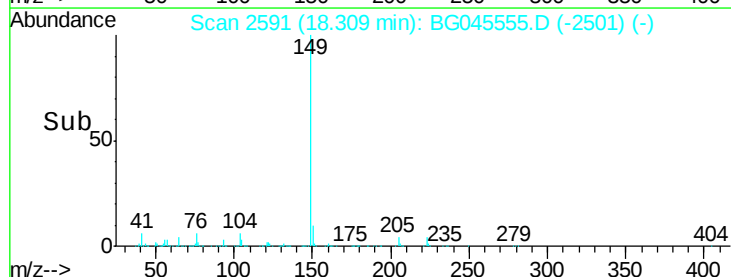
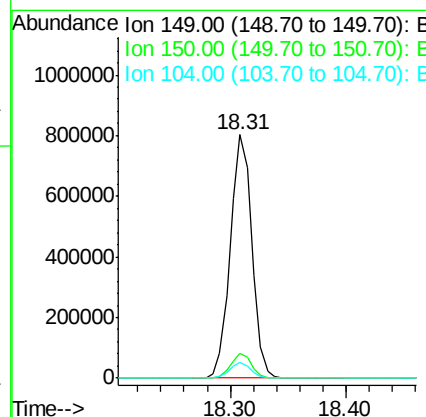
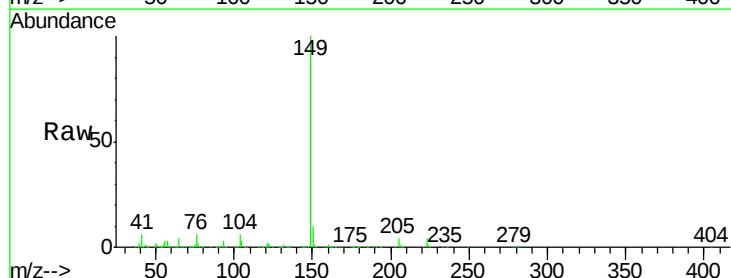
RT: 18.31 min Scan# 2591

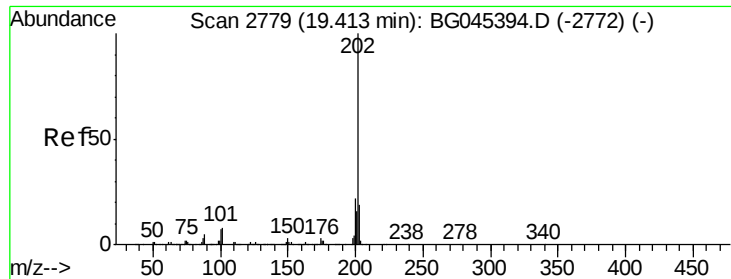
Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.6	11.4
104	6.3	5.0	7.4





#75

Fluoranthene

Concen: 46.241 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Instrument :

BNA_G

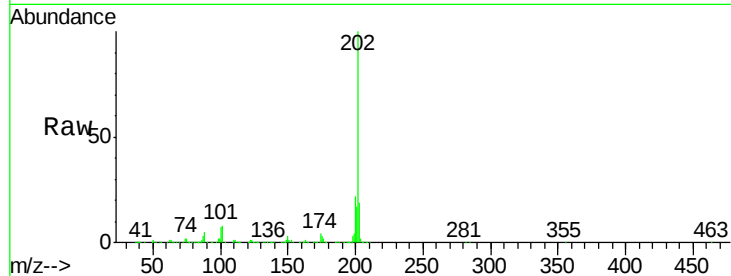
ClientSampleId :

PB129209BSD

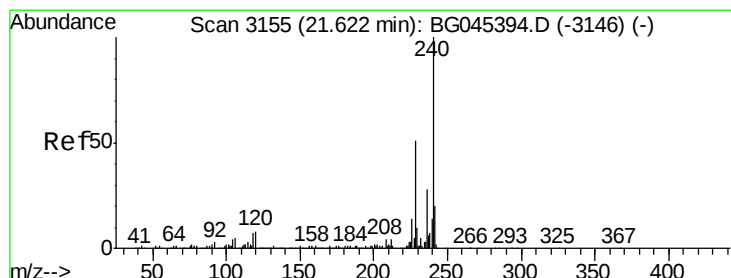
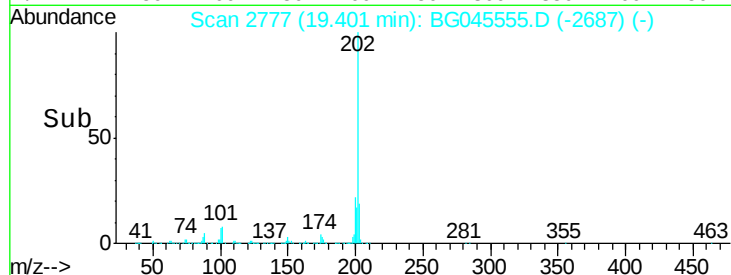
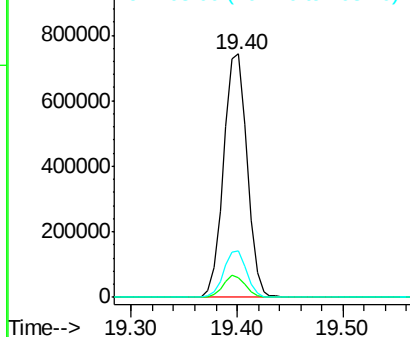
Tot Ion:	202	Resp:	1145793
Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	28.3
203	19.1	0.0	39.0

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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: 20.000 ng

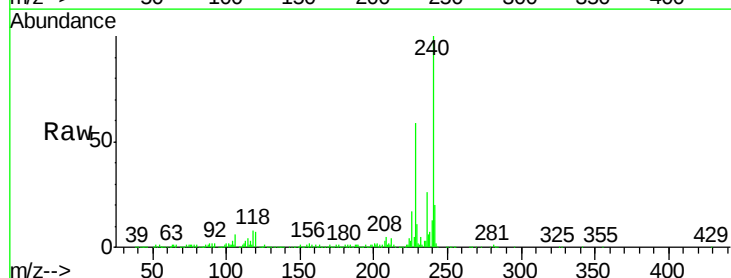
RT: 21.60 min Scan# 3152

Delta R.T. 0.00 min

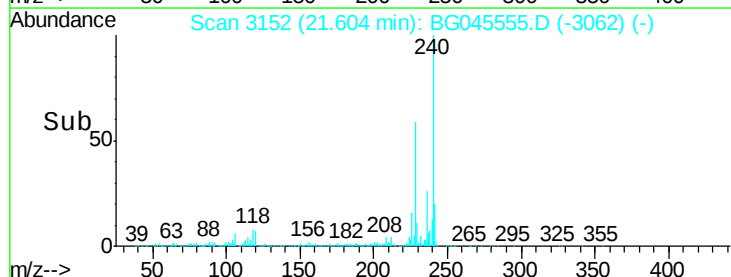
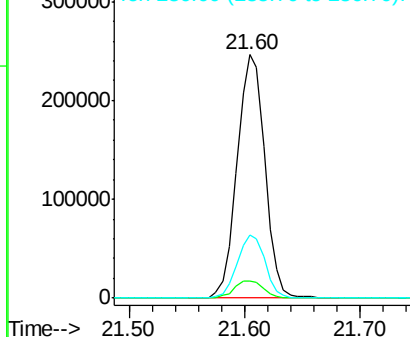
Lab File: BG045555.D

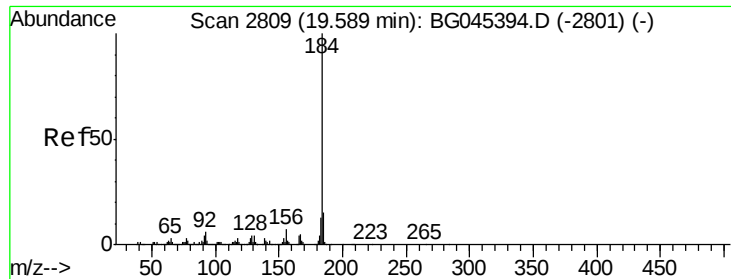
Acq: 1 Jun 2020 14:36

Tgt Ion:	240	Resp:	408316
Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.1	9.1
236	25.8	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: 61.528 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Instrument :

BNA_G

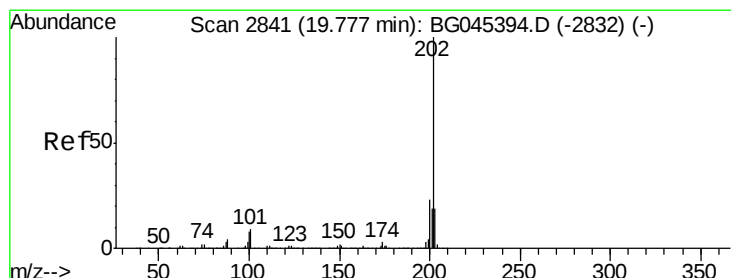
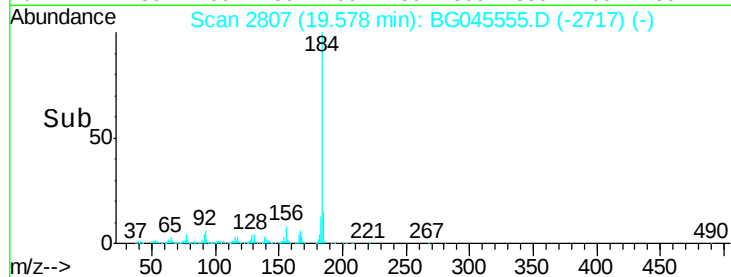
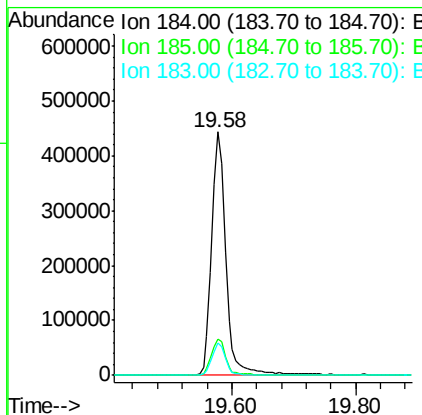
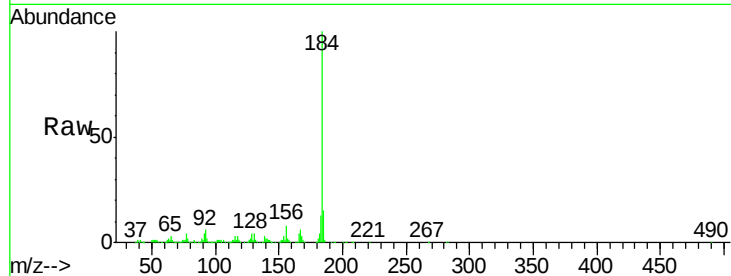
ClientSampleId :

PB129209BSD

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

Manual Integrations
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mohammad
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#78

Pyrene

Concen: 48.192 ng

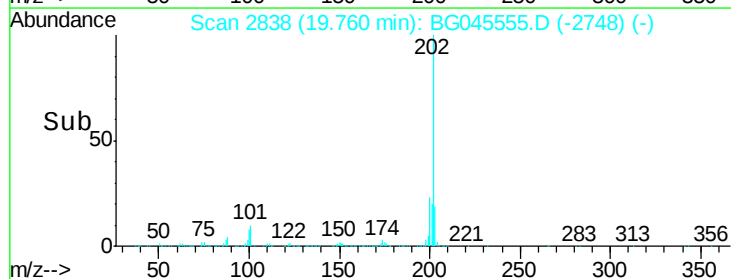
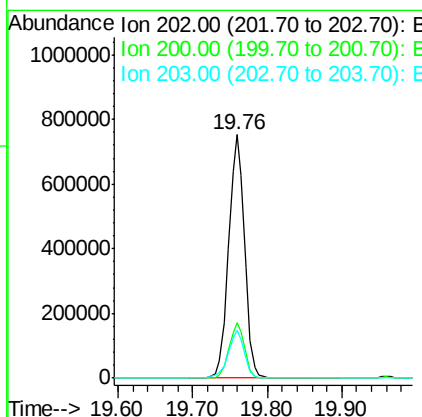
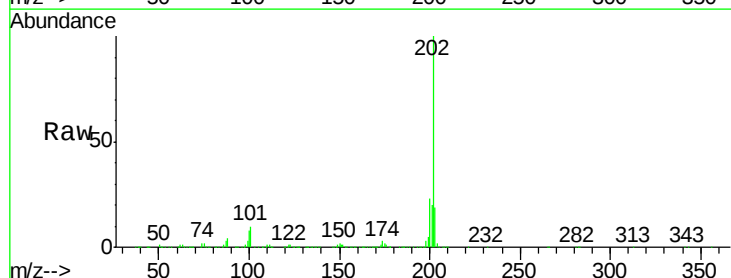
RT: 19.76 min Scan# 2838

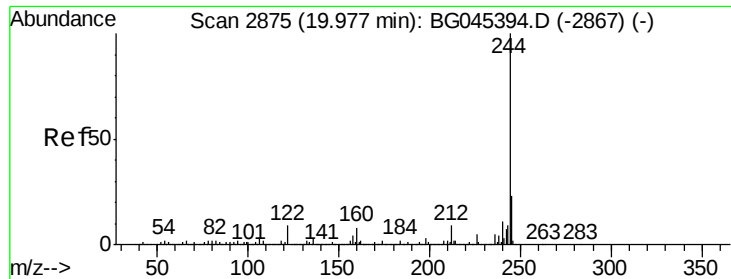
Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

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





#79

Terphenyl-d14

Concen: 96.559 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB129209BSD

Tot Ion:244 Resp: 1690462

Ion Ratio Lower Upper

244 100

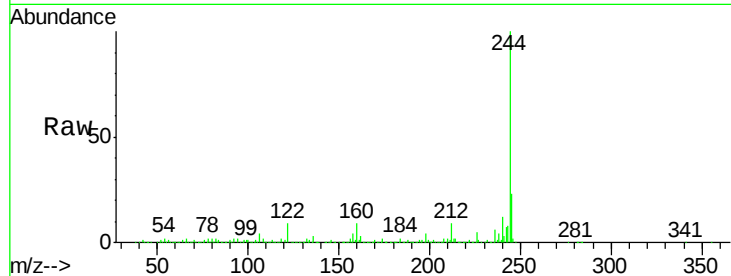
212 9.4 7.4 11.0

122 9.2 6.8 10.2

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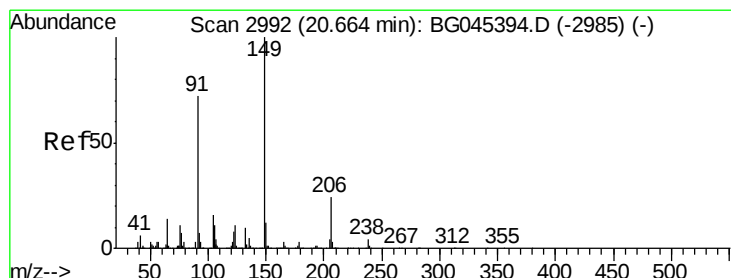
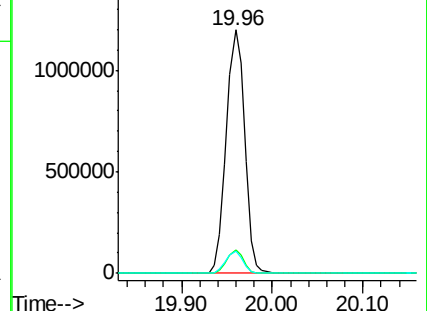
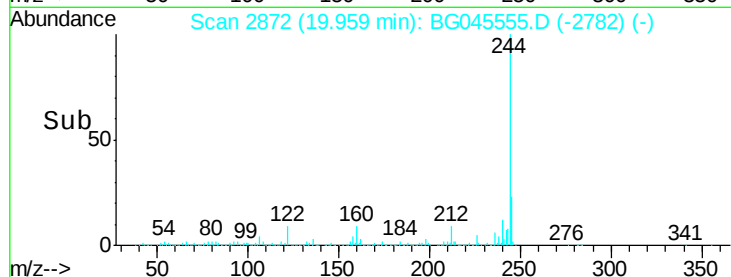
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.023 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

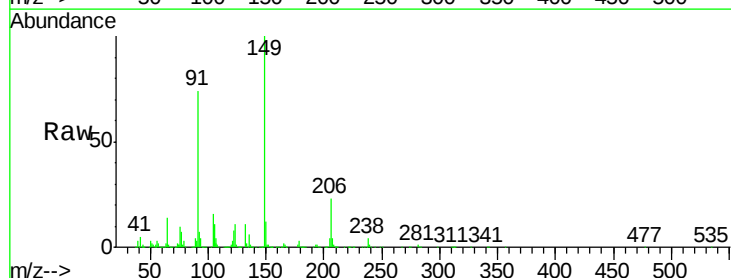
Tgt Ion:149 Resp: 462371

Ion Ratio Lower Upper

149 100

91 73.5 57.8 86.6

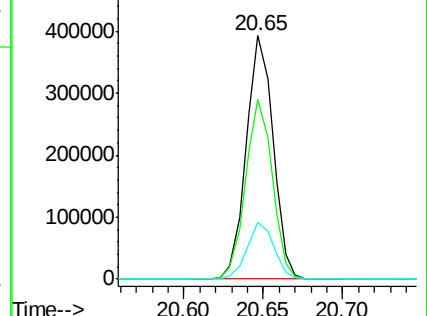
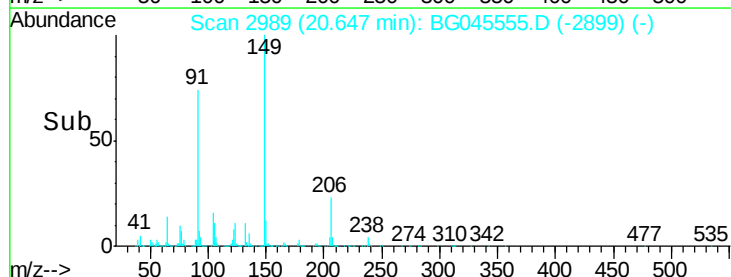
206 23.4 19.1 28.7

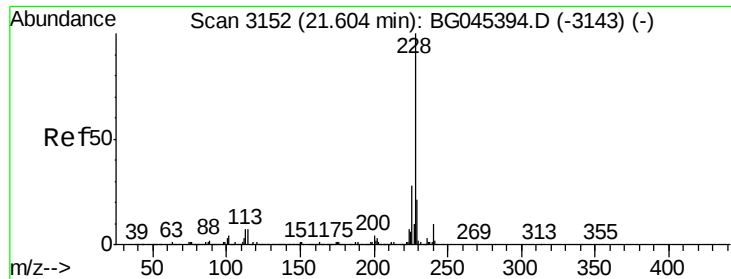


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.353 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB129209BSD

Tot Ion:228 Resp: 1077090

Ion Ratio Lower Upper

228 100

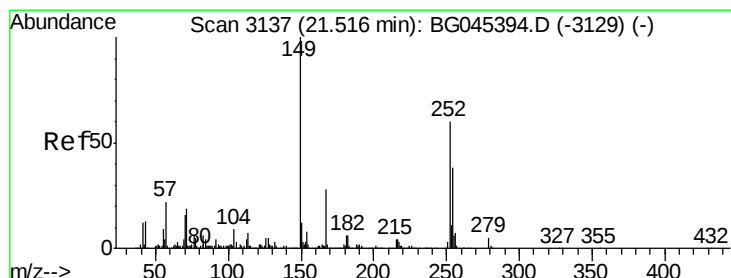
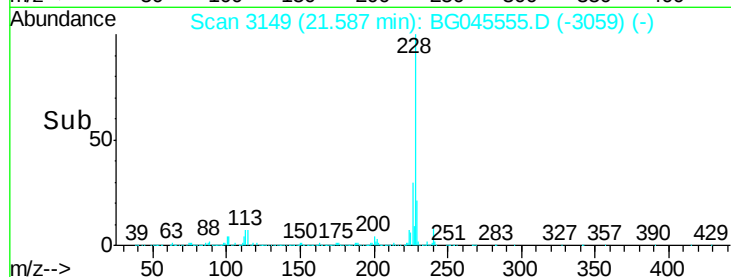
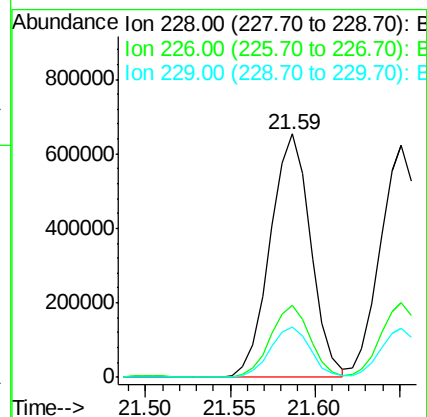
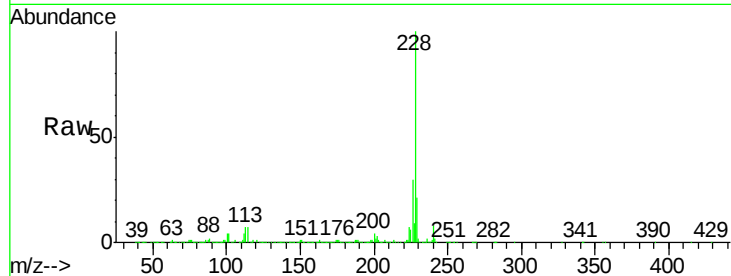
226 29.6 22.7 34.1

229 20.9 16.7 25.1

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#82

3,3'-Dichlorobenzidine

Concen: 41.846 ng

RT: 21.50 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

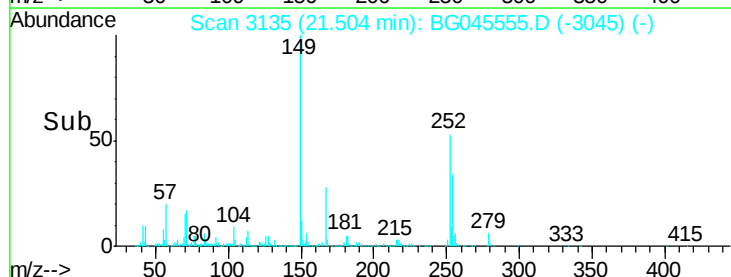
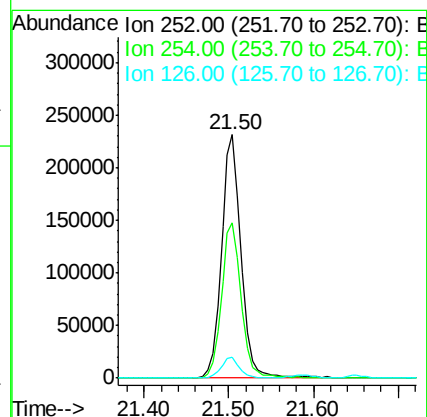
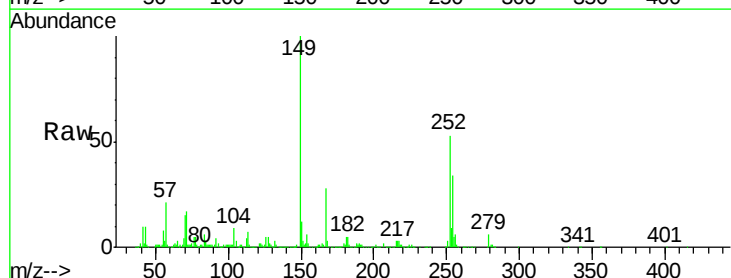
Tgt Ion:252 Resp: 373369

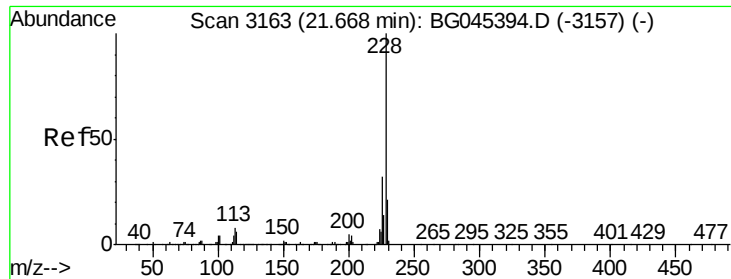
Ion Ratio Lower Upper

252 100

254 64.0 51.3 76.9

126 8.7 6.6 10.0





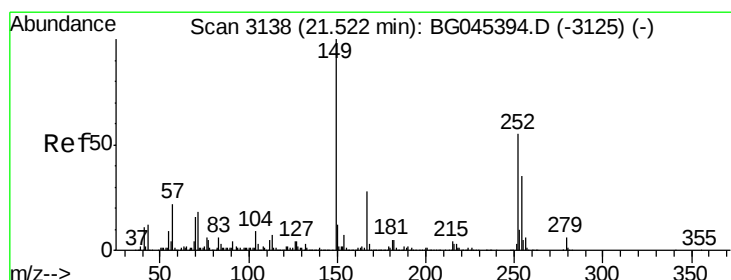
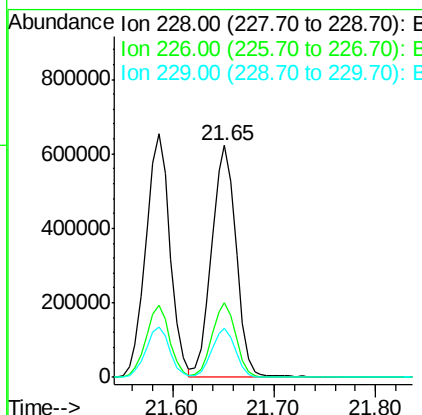
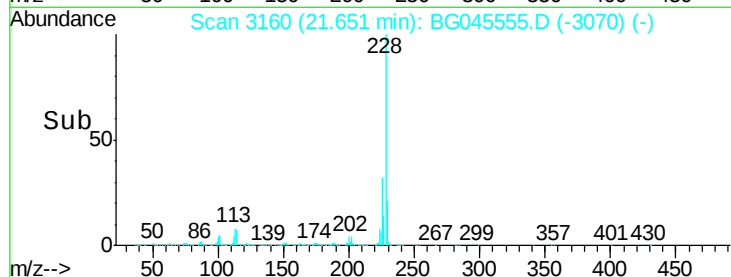
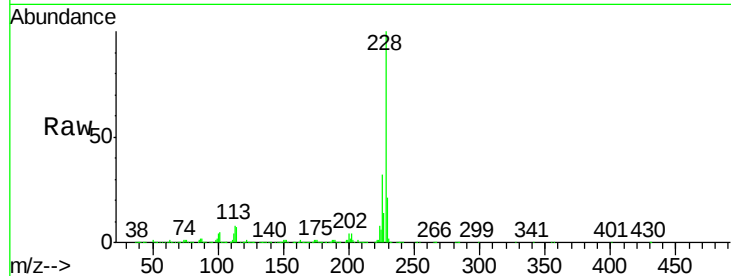
#83
 Chrvsene
 Concen: 47.410 ng
 RT: 21.65 min Scan# 3160
 Delta R.T. 0.00 min
 Lab File: BG045555.D
 Acq: 1 Jun 2020 14:36

Instrument :
 BNA_G
 ClientSampleId :
 PB129209BSD

Tot Ion:228 Resp: 1036902
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.2 37.8
 229 21.1 16.7 25.1

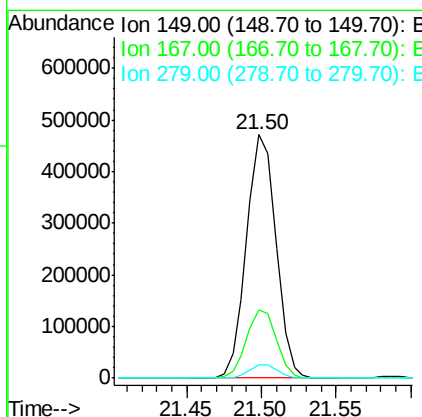
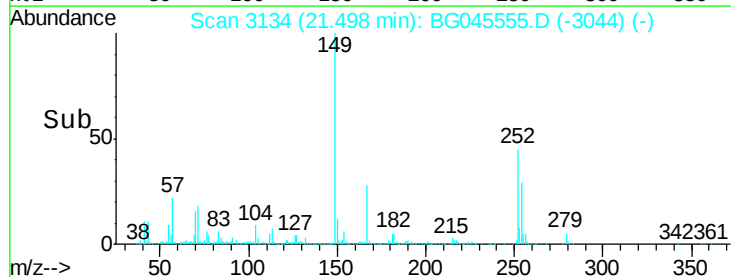
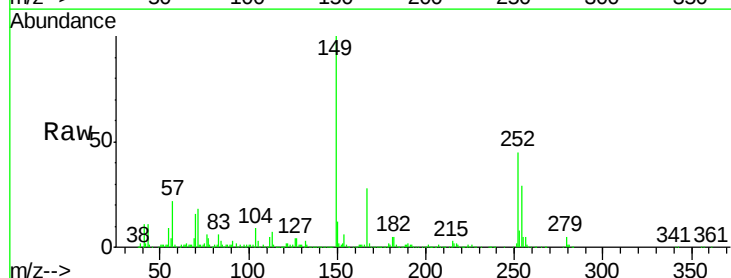
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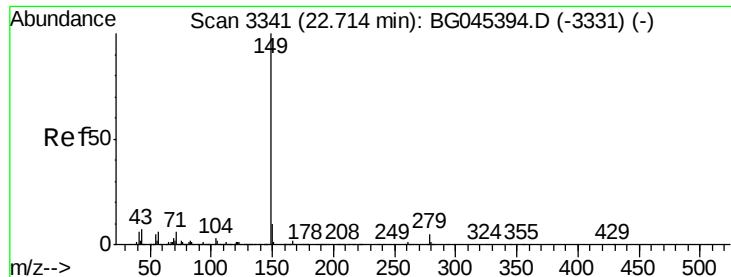
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.625 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. 0.00 min
 Lab File: BG045555.D
 Acq: 1 Jun 2020 14:36

Tgt Ion:149 Resp: 643898
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.2 33.2
 279 5.3 4.7 7.1





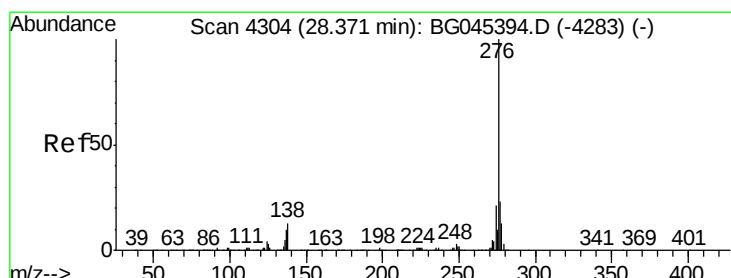
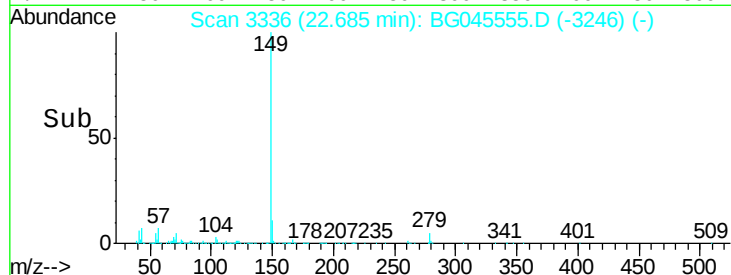
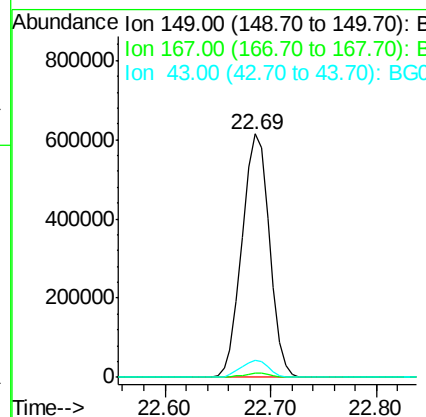
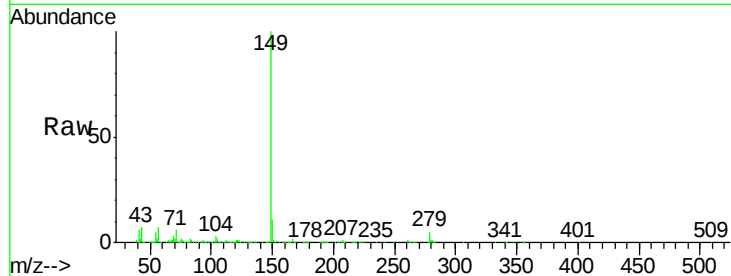
#85
Di-n-octyl phthalate
Concen: 46.501 ng
RT: 22.69 min Scan# 3336
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB129209BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	6.9	5.8	8.8

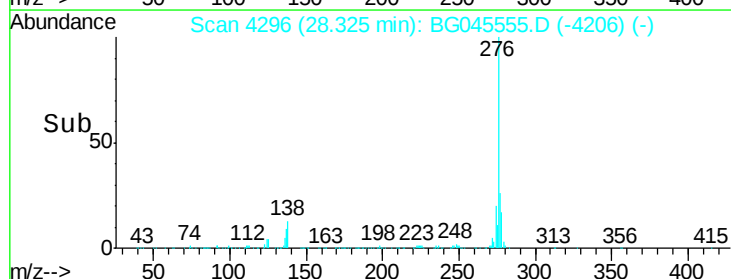
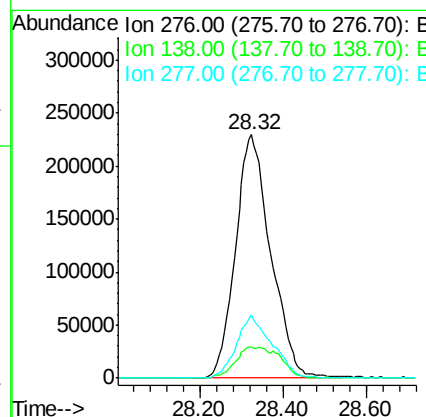
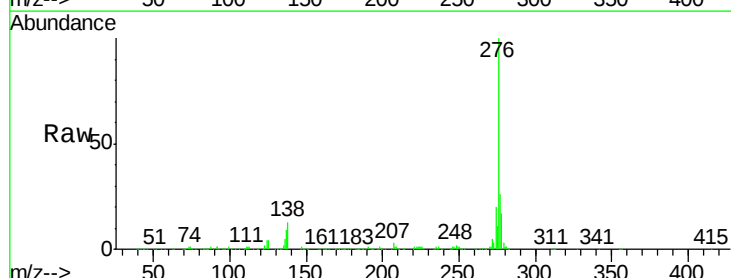
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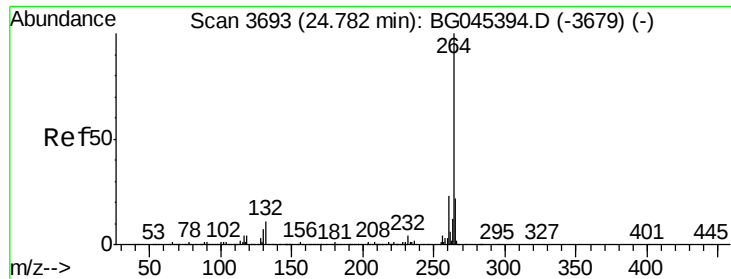
mohammad
6/2/2020 3:22:39 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 47.100 ng
RT: 28.32 min Scan# 4296
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.7	8.6	12.8#
277	25.9	20.2	30.4





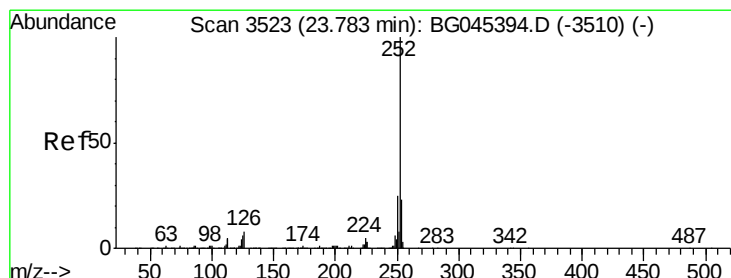
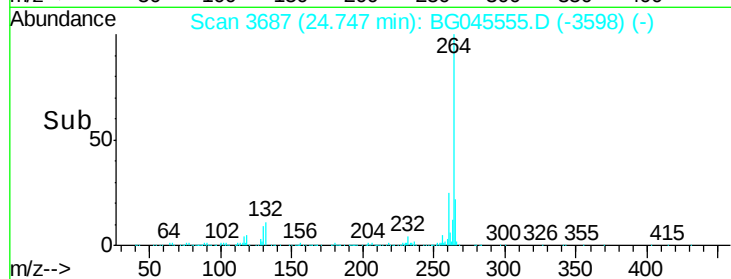
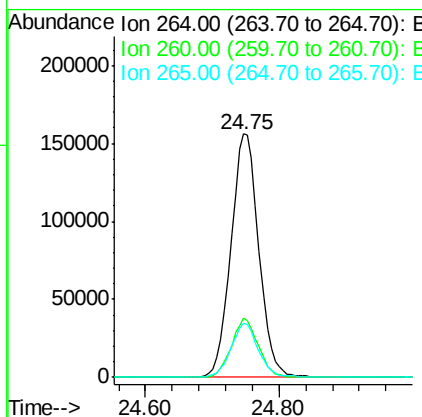
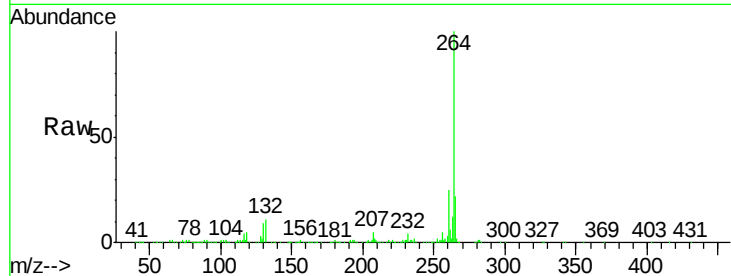
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.01 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB129209BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.4
265	22.2	17.6	26.4

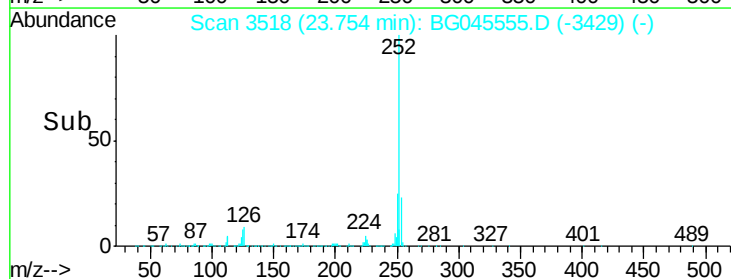
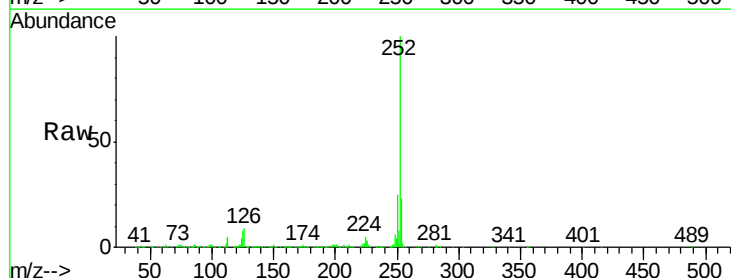
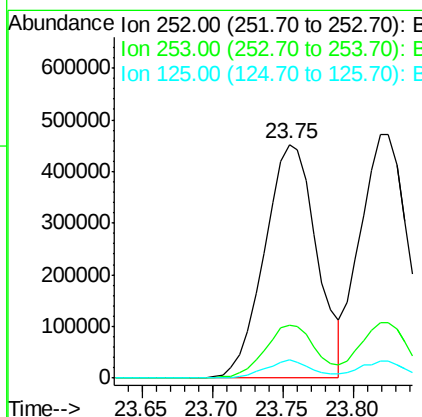
Manual Integrations
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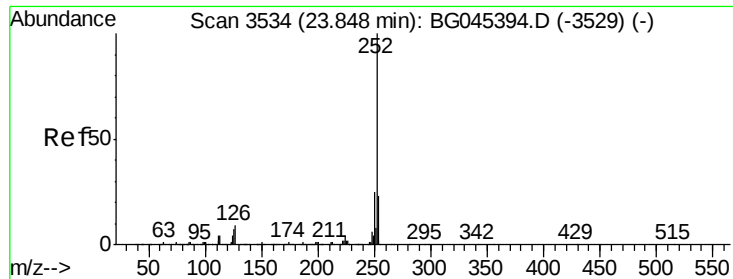
mohammad
6/2/2020 3:22:39 PM



#88
Benzo(b)fluoranthene
Concen: 48.051 ng m
RT: 23.75 min Scan# 3518
Delta R.T. -0.01 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	7.6	5.0	7.6#





#89

Benzo(k)fluoranthene

Concen: 48.687 ng

RT: 23.82 min Scan# 3530

Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB129209BSD

Tot Ion:252 Resp: 1111074

Ion Ratio Lower Upper

252 100

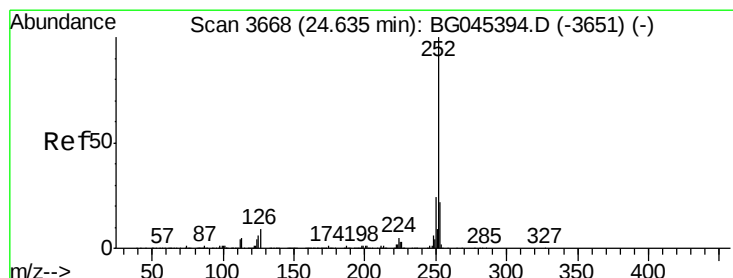
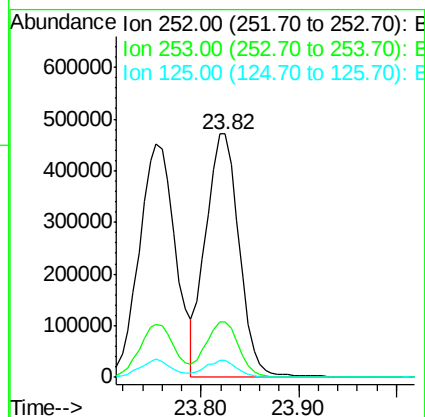
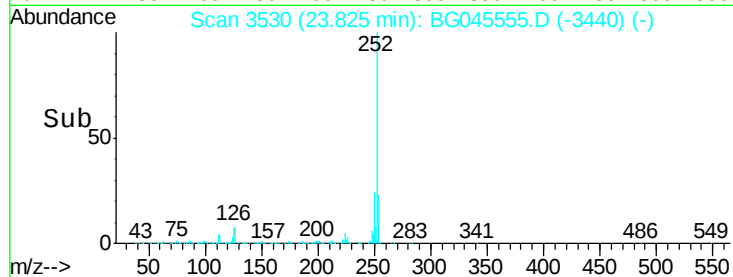
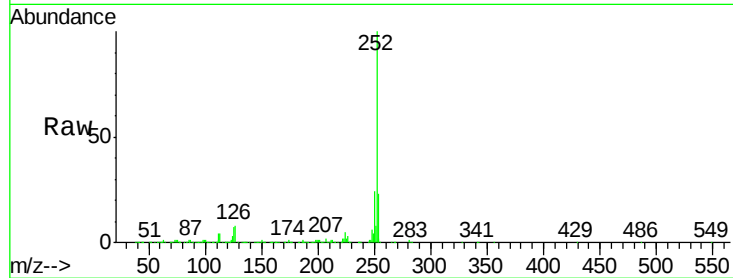
253 23.0 18.4 27.6

125 7.1 5.7 8.5

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mohammad

6/2/2020 3:22:39 PM



#90

Benzo(a)pyrene

Concen: 46.833 ng

RT: 24.61 min Scan# 3663

Delta R.T. 0.00 min

Lab File: BG045555.D

Acq: 1 Jun 2020 14:36

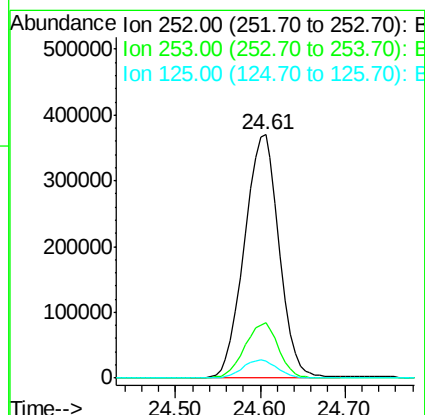
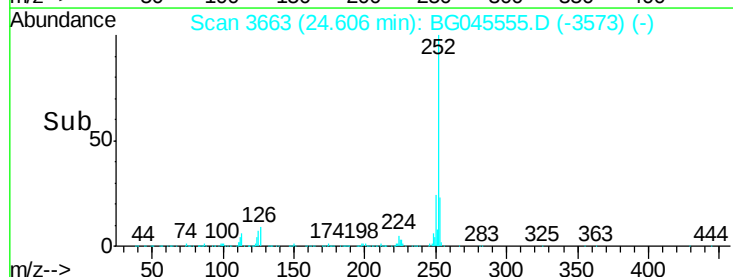
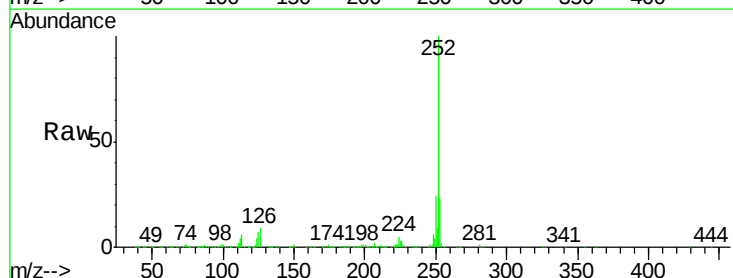
Tgt Ion:252 Resp: 1059486

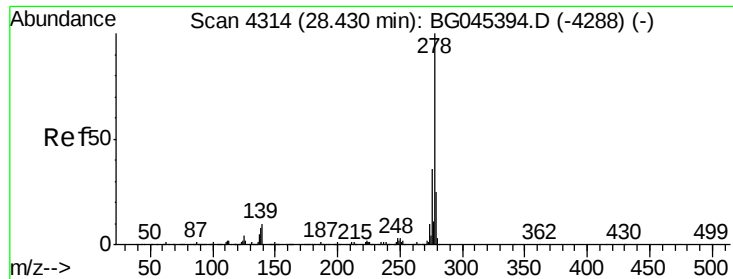
Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

125 7.1 5.0 7.6





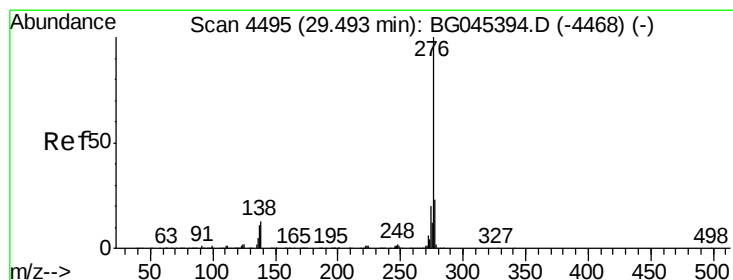
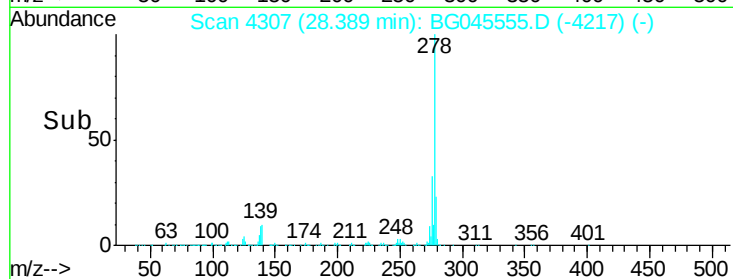
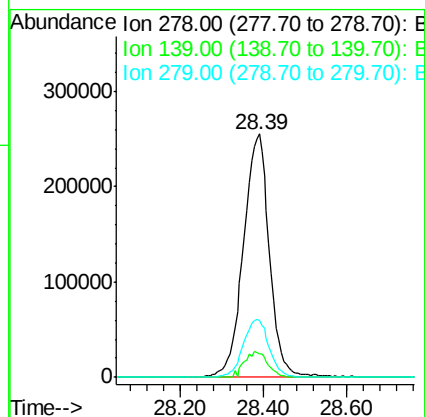
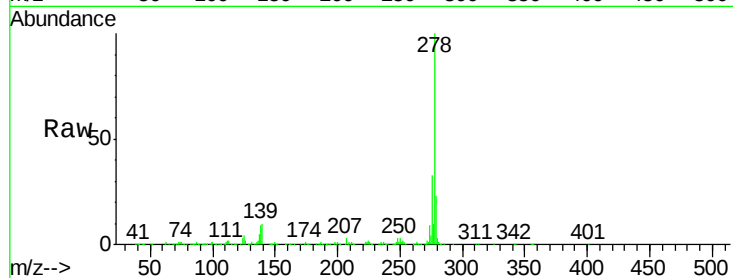
#91
Dibenzo(a,h)anthracene
Concen: 48.778 ng
RT: 28.39 min Scan# 4307
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB129209BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.6	7.8	11.8
279	23.5	19.8	29.8

Manual Integrations
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mohammad
6/2/2020 3:22:39 PM



#92
Benzo(g,h,i)perylene
Concen: 48.851 ng
RT: 29.44 min Scan# 4486
Delta R.T. 0.00 min
Lab File: BG045555.D
Acq: 1 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.1	27.1
138	13.3	10.2	15.4

