

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
 Data File : BG045741.D
 Acq On : 12 Jun 2020 15:19
 Operator : CG/JU
 Sample : PB129468BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129468BS

Manual Integrations
 APPROVED

mohammad
 6/15/2020 8:45:11 AM

Quant Time: Jun 12 17:21:11 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	7.94	152	61429	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	238762	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	168282	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	383342	20.00	ng	0.00
76) Chrysene-d12	21.60	240	347439	20.00	ng	0.00
87) Perylene-d12	24.74	264	364973	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	478008	152.07	ng	0.03
7) Phenol-d6	7.19	99	662604	148.11	ng	0.04
23) Nitrobenzene-d5	9.11	82	429432	98.08	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	304398	141.44	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	942871	95.04	ng	0.00
79) Terphenyl-d14	19.96	244	1503447	100.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	57702	37.019	ng	# 95
3) Pyridine	3.80	79	170760	39.335	ng	97
4) n-Nitrosodimethylamine	3.72	42	70402	49.560	ng	86
6) Aniline	7.28	93	229805	39.349	ng	98
8) 2-Chlorophenol	7.54	128	180358	52.323	ng	98
9) Benzaldehyde	7.08	77	128750	44.171	ng	99
10) Phenol	7.21	94	237188	51.441	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	168290	46.793	ng	98
12) 1,3-Dichlorobenzene	7.84	146	191395	46.205	ng	99
13) 1,4-Dichlorobenzene	7.98	146	191086	46.744	ng	97
14) 1,2-Dichlorobenzene	8.30	146	182722	46.473	ng	96
15) Benzyl Alcohol	8.21	79	182475	49.374	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.47	45	160081	46.891	ng	94
17) 2-Methylphenol	8.44	107	163779	47.455	ng	94
18) Hexachloroethane	9.03	117	73778	47.123	ng	89
19) n-Nitroso-di-n-propylamine	8.75	70	153573	49.640	ng	95
20) 3+4-Methylphenols	8.77	107	209479	44.573	ng	# 45
22) Acetophenone	8.77	105	272311	48.121	ng	# 92
24) Nitrobenzene	9.15	77	229601	48.945	ng	96
25) Isophorone	9.68	82	409345	47.473	ng	98
26) 2-Nitrophenol	9.86	139	101673	50.666	ng	98
27) 2,4-Dimethylphenol	9.96	122	161886	54.391	ng	96
28) bis(2-Chloroethoxy)methane	10.16	93	229484	50.747	ng	96
29) 2,4-Dichlorophenol	10.44	162	180165	51.261	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	202384	48.731	ng	97
31) Naphthalene	10.80	128	540896	48.615	ng	99
32) Benzoic acid	10.16	122	88934	44.783	ng	94
33) 4-Chloroaniline	10.93	127	146107	31.416	ng	97
34) Hexachlorobutadiene	11.09	225	136818	46.605	ng	99
35) Caprolactam	11.70	113	60777	47.112	ng	87
36) 4-Chloro-3-methylphenol	12.10	107	209730	52.956	ng	94
37) 2-Methylnaphthalene	12.41	142	406122	48.973	ng	95
38) 1-Methylnaphthalene	12.63	142	390426m	49.840	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	224890	47.845	ng	99

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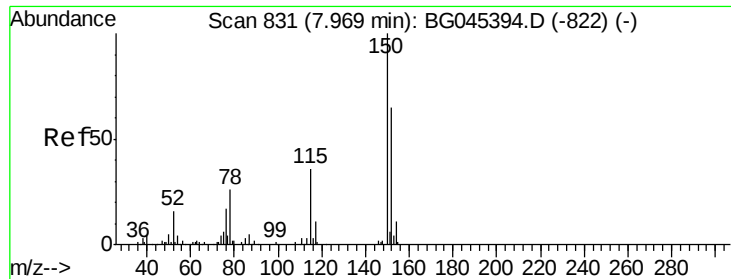
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	266324	98.167	ng	98
43) 2,4,6-Trichlorophenol	13.04	196	161353	49.416	ng	100
44) 2,4,5-Trichlorophenol	13.14	196	171618	45.995	ng	98
46) 1,1'-Biphenyl	13.42	154	513808	49.690	ng	98
47) 2-Chloronaphthalene	13.47	162	400474	47.695	ng	99
48) 2-Nitroaniline	13.68	65	136964	49.588	ng	96
49) Acenaphthylene	14.31	152	649395	48.149	ng	99
50) Dimethylphthalate	14.05	163	542973	47.035	ng	99
51) 2,6-Dinitrotoluene	14.17	165	125168	48.051	ng	98
52) Acenaphthene	14.66	154	385699	42.723	ng	97
53) 3-Nitroaniline	14.52	138	93290	35.230	ng	96
54) 2,4-Dinitrophenol	14.72	184	108071	64.470	ng	96
55) Dibenzofuran	14.99	168	634586	47.334	ng	96
56) 4-Nitrophenol	14.90	139	159564	79.591	ng	90
57) 2,4-Dinitrotoluene	14.96	165	172764	45.794	ng	96
58) Fluorene	15.64	166	537949	48.841	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	162914	49.629	ng	99
60) Diethylphthalate	15.42	149	563486	46.897	ng	98
61) 4-Chlorophenyl-phenylether	15.63	204	294462	46.719	ng	97
62) 4-Nitroaniline	15.69	138	109849	39.737	ng	95
63) Azobenzene	15.93	77	543852	48.542	ng	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	103916	46.545	ng	93
66) n-Nitrosodiphenylamine	15.86	169	466456	50.680	ng	98
67) 4-Bromophenyl-phenylether	16.53	248	202003	48.664	ng	99
68) Hexachlorobenzene	16.66	284	221474	51.012	ng	99
69) Atrazine	16.81	200	176629	46.591	ng	98
70) Pentachlorophenol	17.01	266	210387	93.326	ng	96
71) Phenanthrene	17.38	178	839534	50.166	ng	100
72) Anthracene	17.48	178	855600	50.911	ng	98
73) Carbazole	17.75	167	772714	47.170	ng	100
74) Di-n-butylphthalate	18.31	149	937013	47.656	ng	99
75) Fluoranthene	19.39	202	1015461	47.706	ng	100
77) Benzidine	19.58	184	418666	42.905	ng	99
78) Pyrene	19.76	202	992718	50.123	ng	99
80) Butylbenzylphthalate	20.64	149	409525	47.905	ng	98
81) Benzo(a)anthracene	21.58	228	940057	48.570	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	301244	39.679	ng	99
83) Chrysene	21.65	228	925595	49.736	ng	100
84) Bis(2-ethylhexyl)phthalate	21.49	149	572803	48.744	ng	100
85) Di-n-octyl phthalate	22.68	149	952956	47.216	ng	99
86) Indeno(1,2,3-cd)pyrene	28.32	276	1155516	47.481	ng	# 96
88) Benzo(b)fluoranthene	23.75	252	1016163	51.914	ng	98
89) Benzo(k)fluoranthene	23.82	252	963962	52.419	ng	99
90) Benzo(a)pyrene	24.60	252	918814	50.402	ng	98
91) Dibenzo(a,h)anthracene	28.38	278	951517	51.941	ng	97
92) Benzo(g,h,i)perylene	29.44	276	944110	51.530	ng	97

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



#1

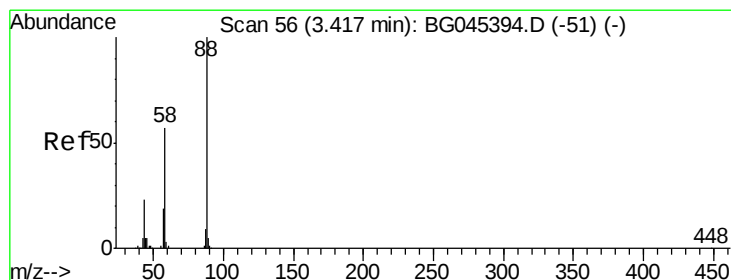
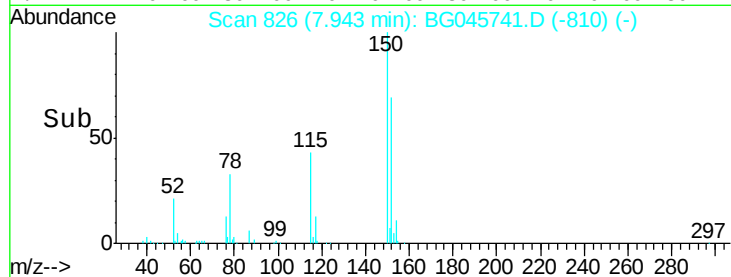
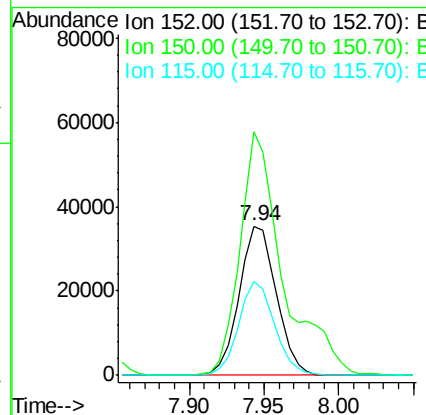
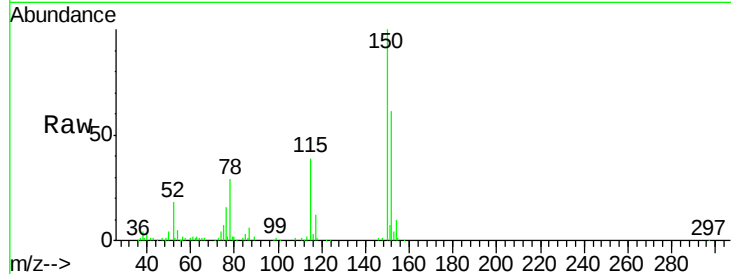
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.1	122.4	183.6
115	63.0	44.2	66.4

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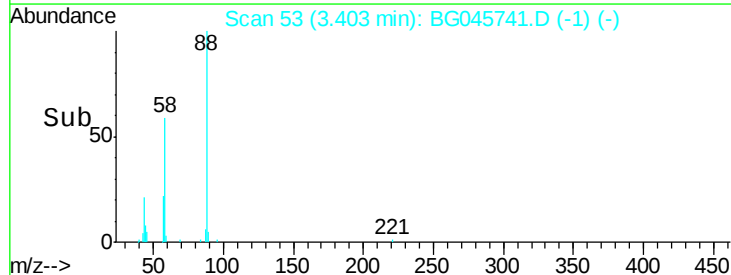
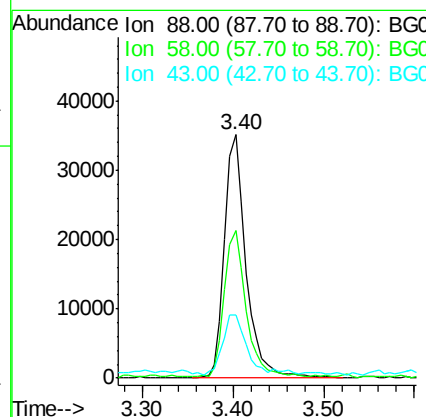
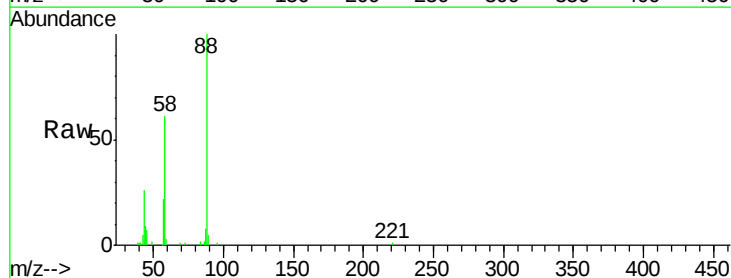
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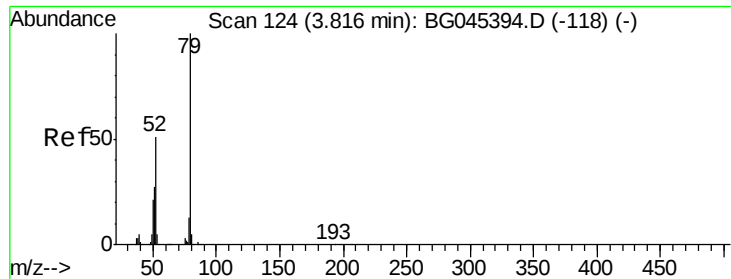


#2

1,4-Dioxane
Concen: 37.019 ng
RT: 3.40 min Scan# 53
Delta R.T. 0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.0	45.7	68.5
43	26.3	16.8	25.2





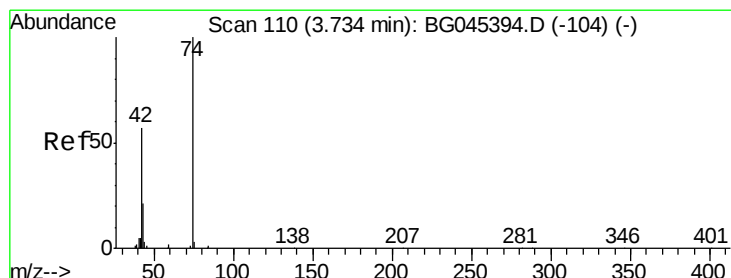
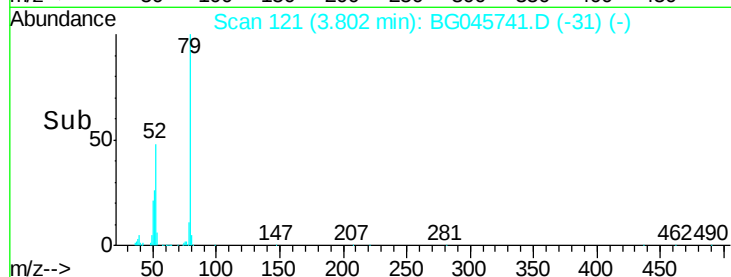
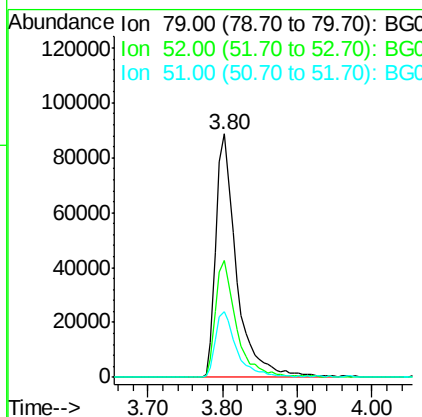
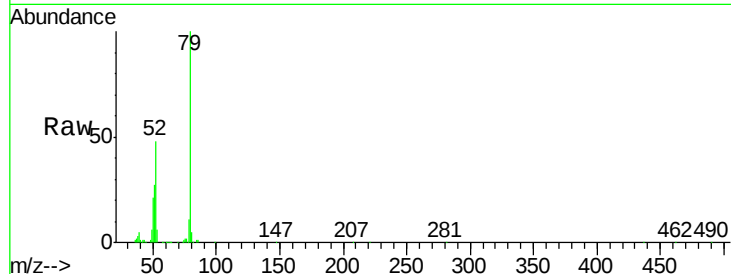
#3
 Pvridine
 Concen: 39.335 ng
 RT: 3.80 min Scan# 121
 Delta R.T. -0.00 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB129468BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		170760		
52	48.2		40.8	61.2	
51	27.0		21.9	32.9	

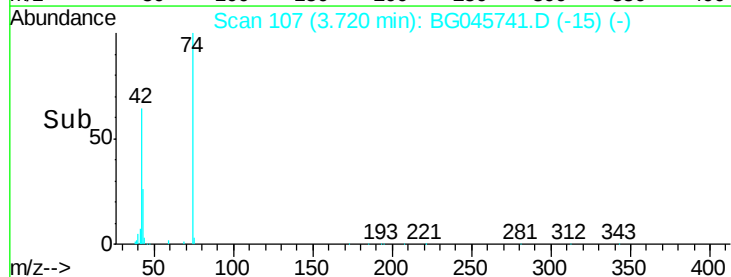
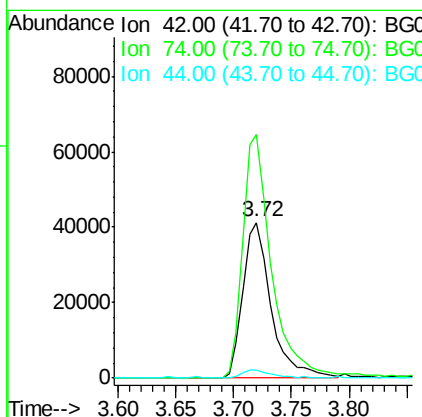
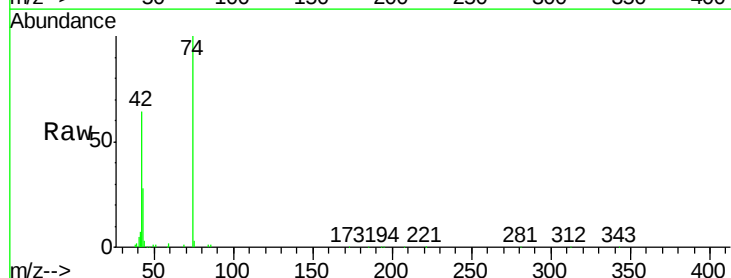
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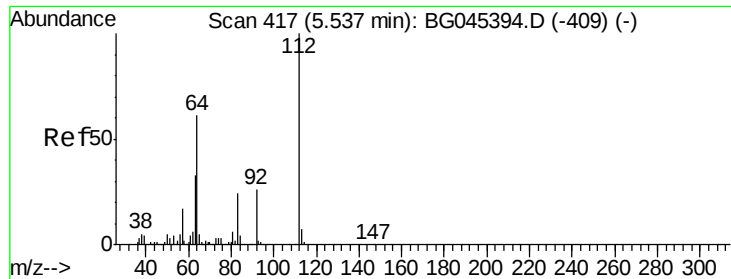
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#4
 n-Nitrosodimethylamine
 Concen: 49.560 ng
 RT: 3.72 min Scan# 107
 Delta R.T. 0.01 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		70402		
74	156.3		141.3	211.9	
44	5.1		4.2	6.4	





#5

2-Fluorophenol

Concen: 152.073 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.03 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

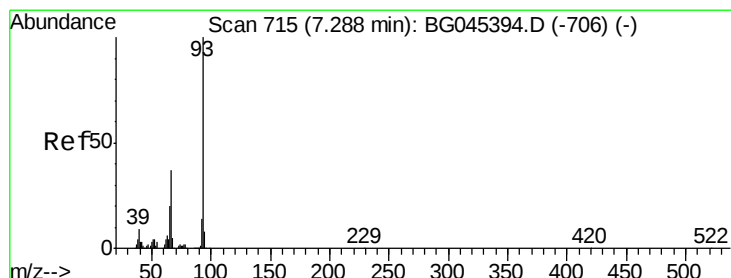
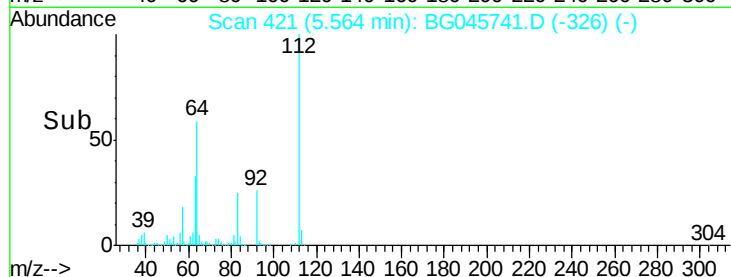
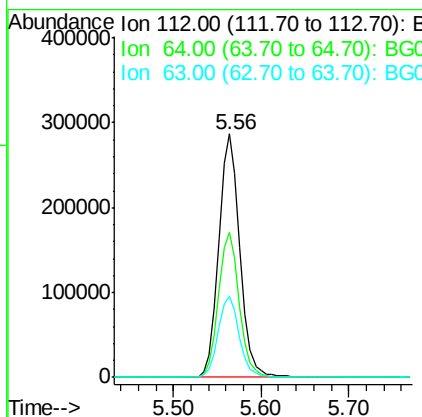
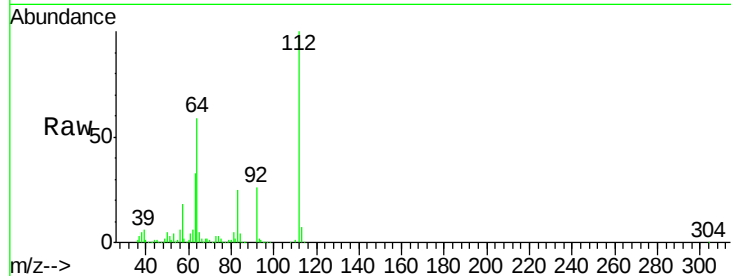
ClientSampleId :

PB129468BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		478008		
64	59.5		48.6	72.8	
63	33.2		26.5	39.7	

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#6

Aniline

Concen: 39.349 ng

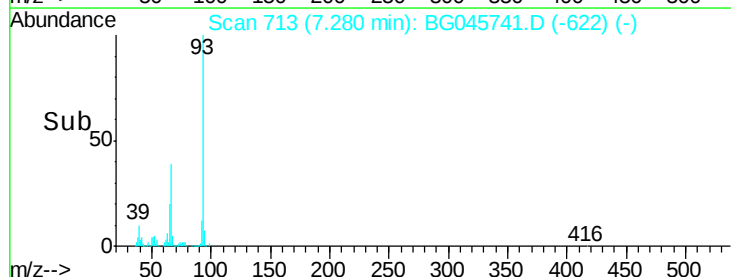
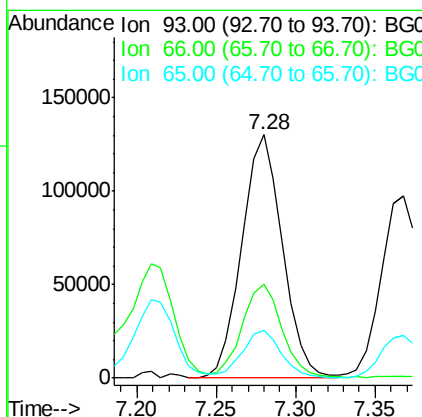
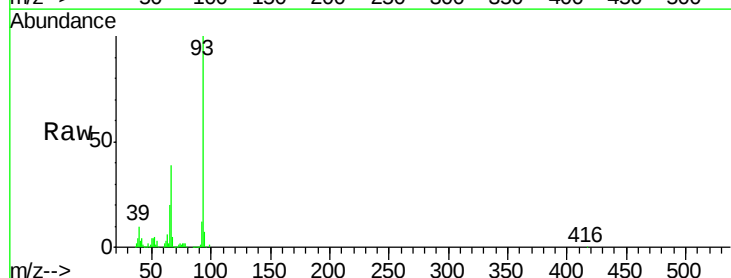
RT: 7.28 min Scan# 713

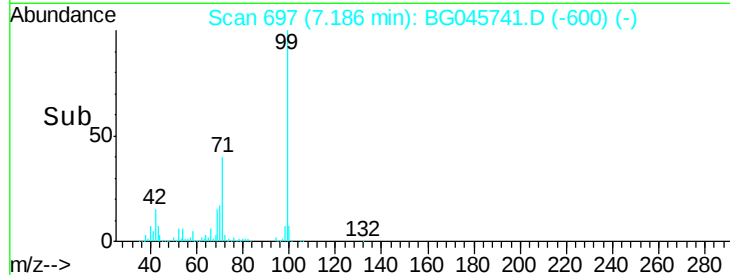
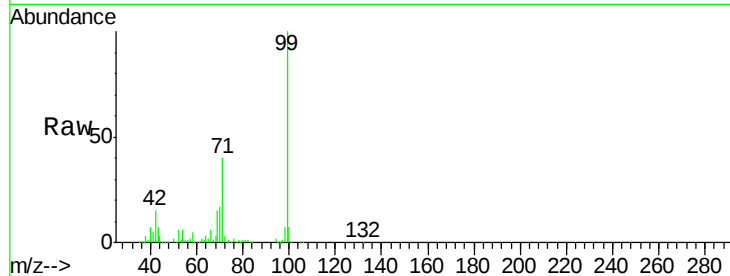
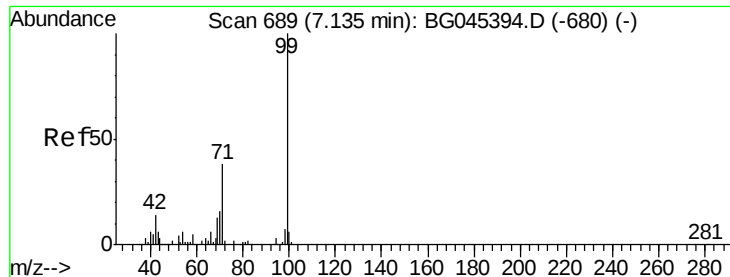
Delta R.T. 0.00 min

Lab File: BG045741.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		229805		
66	38.7		29.6	44.4	
65	19.8		15.9	23.9	





#7

Phenol-d6

Concen: 148.107 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.04 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Tot Ion	Ratio	Resp	Lower	Upper
99	100	662604		
42	15.2		11.3	16.9
71	40.1		30.8	46.2

Instrument :

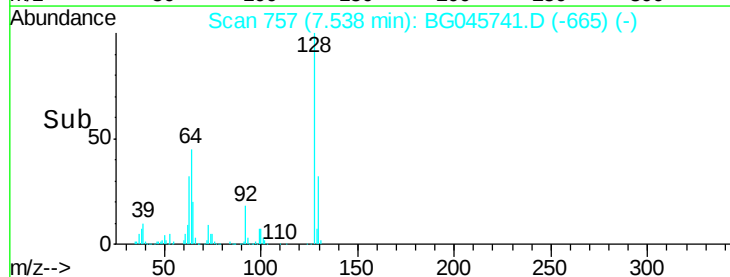
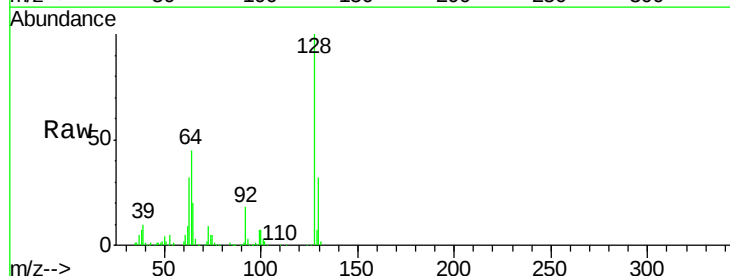
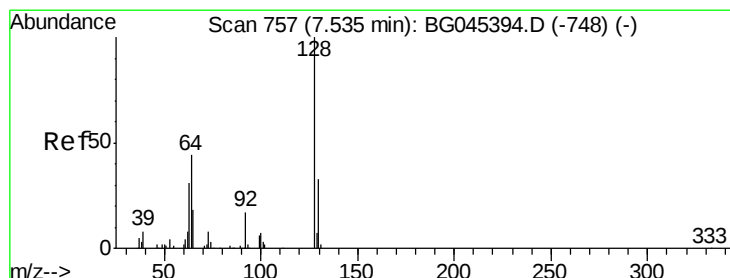
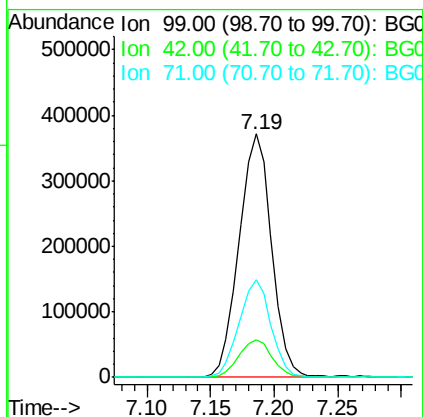
BNA_G

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#8

2-Chlorophenol

Concen: 52.323 ng

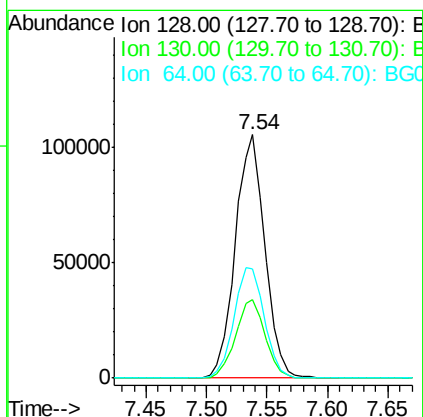
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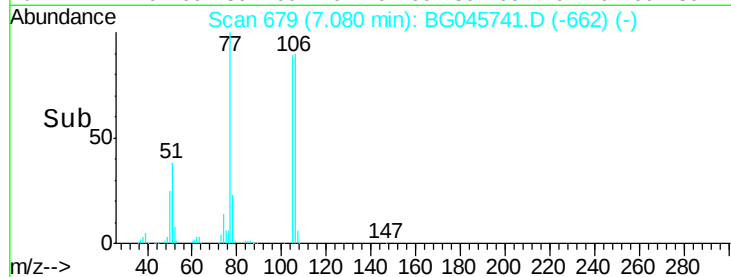
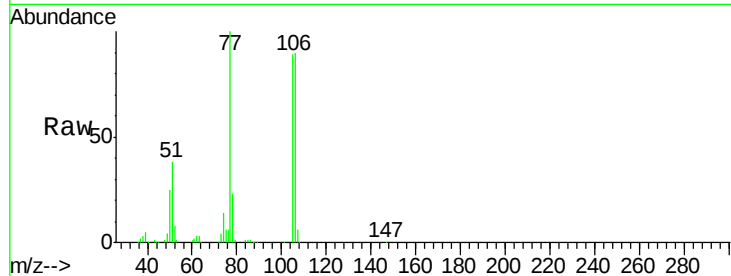
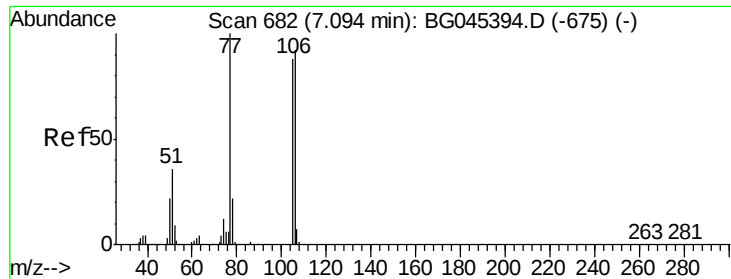
Delta R.T. 0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	180358		
130	32.5		12.6	52.6
64	45.1		27.0	67.0





#9

Benzaldehyde

Concen: 44.171 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Tot Ion:	77	Resp:	128750
Ion Ratio	Lower	Upper	
77	100		
105	89.2	68.5	108.5
106	89.8	71.6	111.6

Instrument :

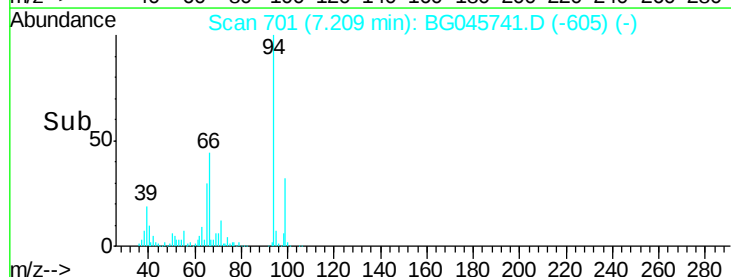
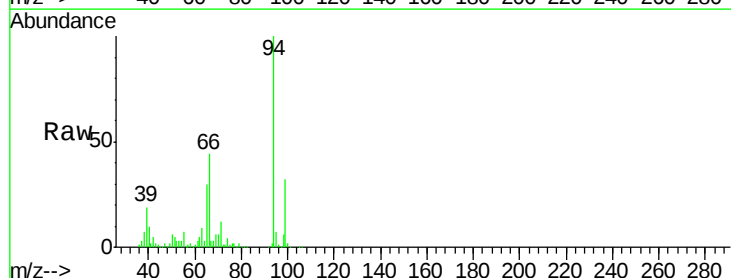
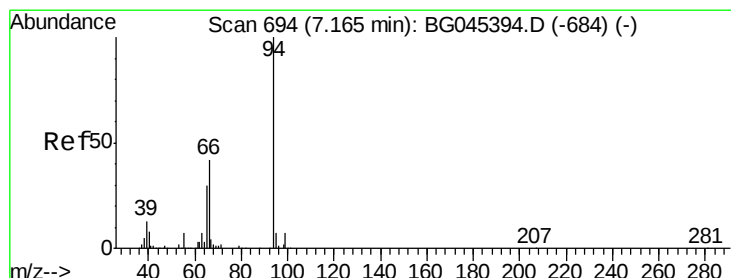
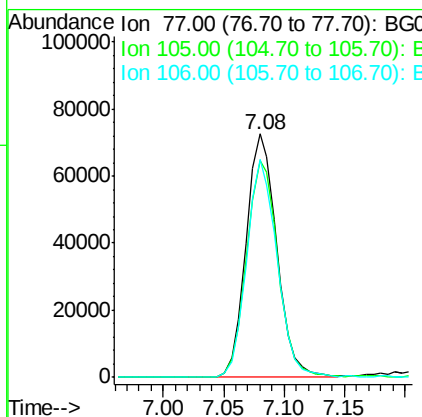
BNA_G

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#10

Phenol

Concen: 51.441 ng

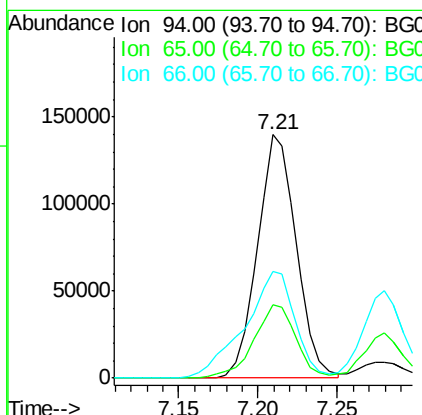
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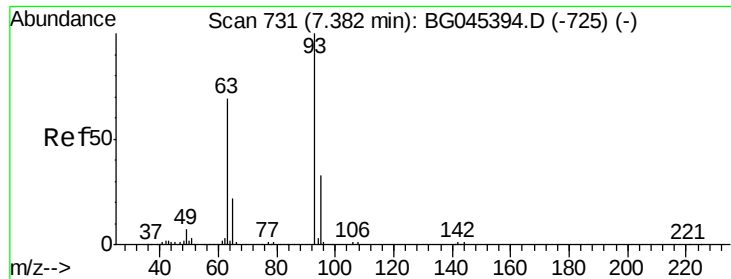
Delta R.T. 0.03 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Tgt Ion:	94	Resp:	237188
Ion Ratio	Lower	Upper	
94	100		
65	30.1	9.8	49.8
66	44.0	22.0	62.0





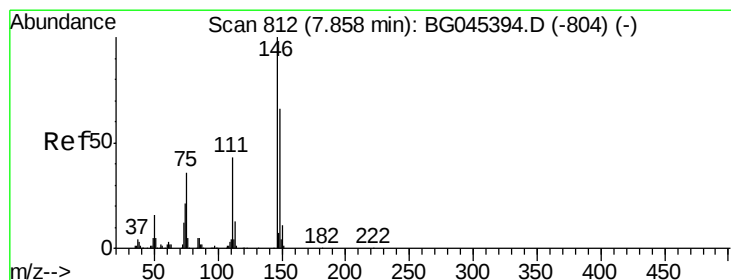
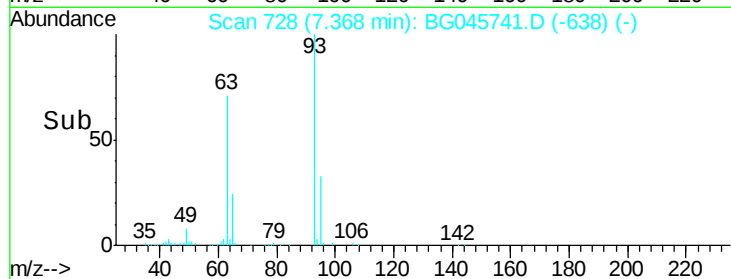
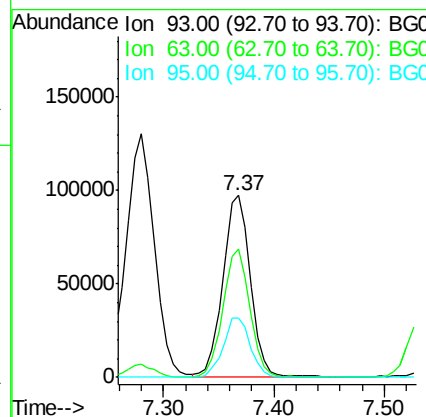
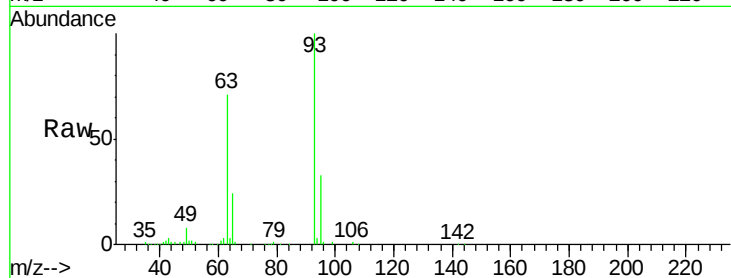
#11
bis(2-Chloroethyl)ether
Concen: 46.793 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion	93	Resp	168290
Ion	Ratio	Lower	Upper
93	100		
63	70.9	48.4	88.4
95	32.8	12.4	52.4

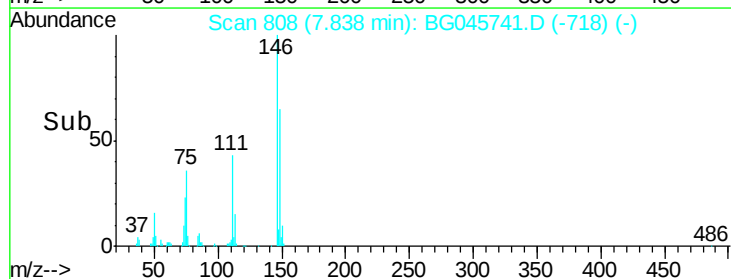
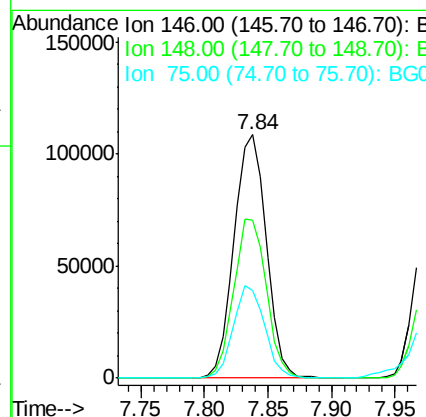
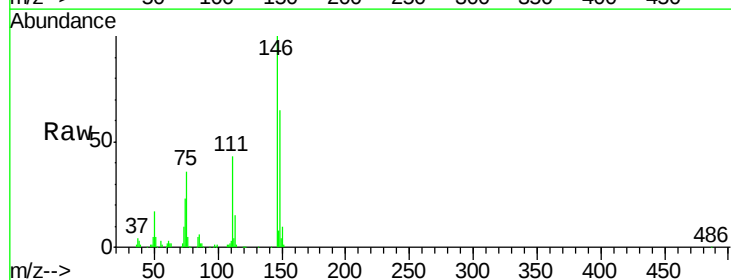
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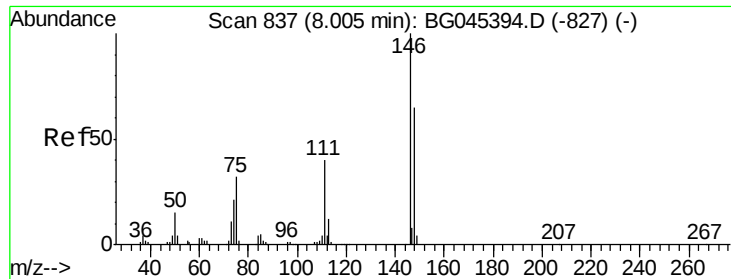
mohammad
6/15/2020 8:45:11 AM



#12
1,3-Dichlorobenzene
Concen: 46.205 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	146	Resp	191395
Ion	Ratio	Lower	Upper
146	100		
148	65.0	53.2	79.8
75	35.9	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 46.744 ng

RT: 7.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

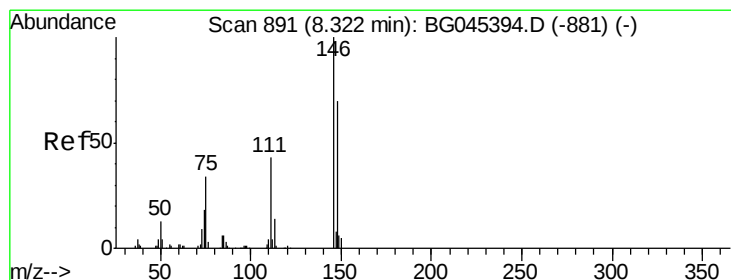
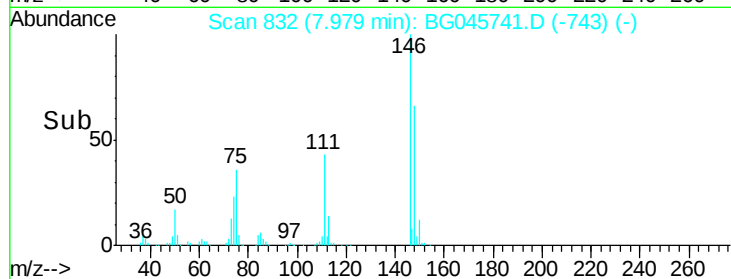
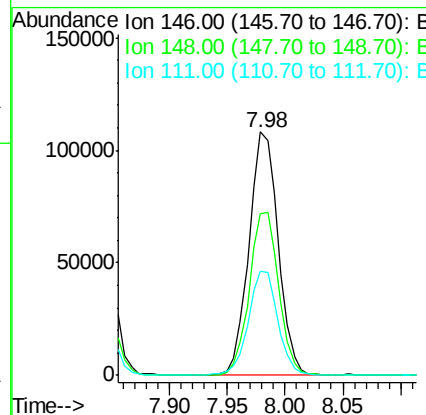
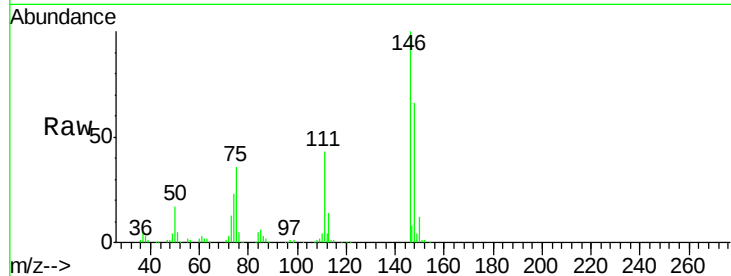
ClientSampleId :

PB129468BS

Tot Ion:	146	Resp:	191086
Ion Ratio	Lower	Upper	
146	100		
148	66.2	51.8	77.8
111	42.6	32.1	48.1

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#14

1,2-Dichlorobenzene

Concen: 46.473 ng

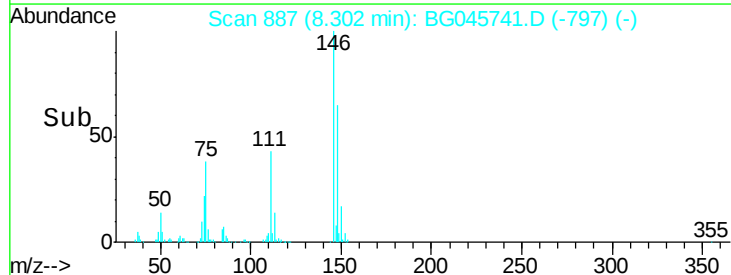
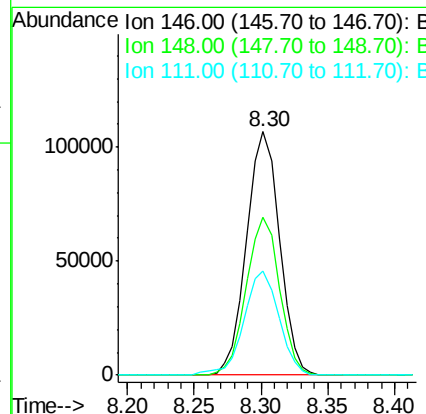
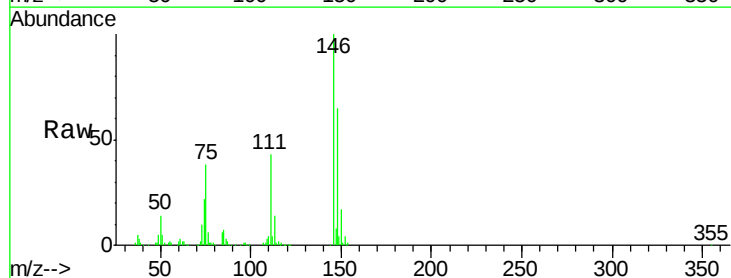
RT: 8.30 min Scan# 887

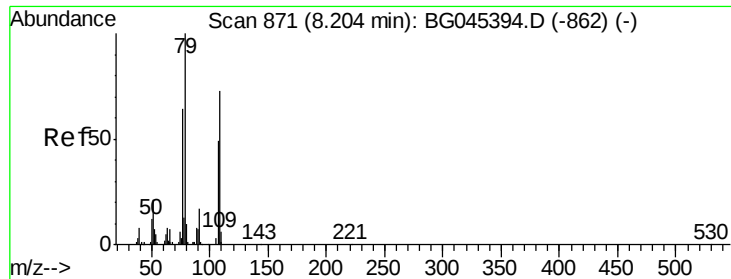
Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Tgt Ion:	146	Resp:	182722
Ion Ratio	Lower	Upper	
146	100		
148	64.9	55.9	83.9
111	42.9	35.0	52.4





#15

Benzyl Alcohol

Concen: 49.374 ng

RT: 8.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

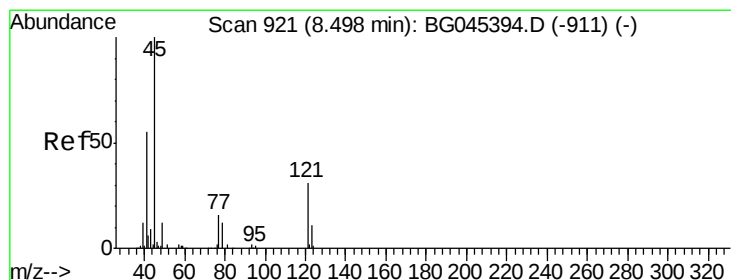
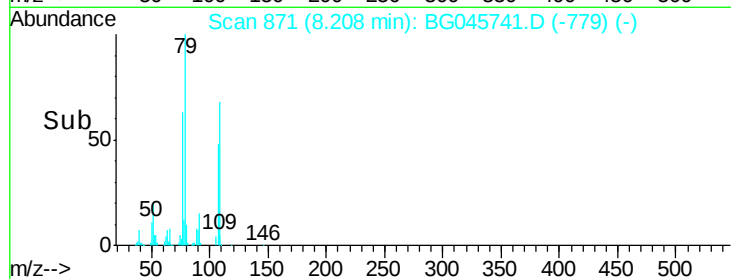
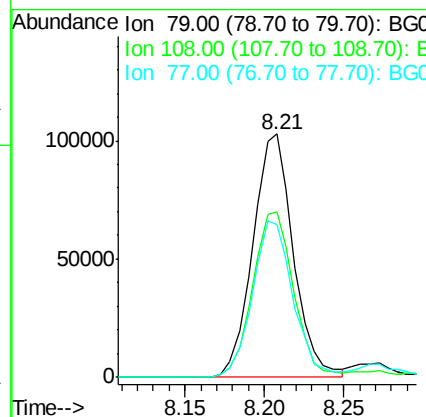
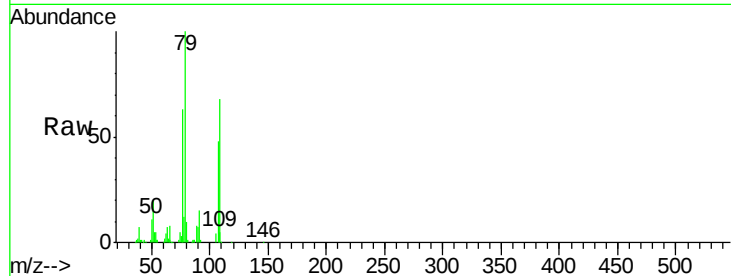
ClientSampled :

PB129468BS

Tot Ion:	79	Resp:	182475
Ion Ratio	Lower	Upper	
79	100		
108	67.8	58.2	87.4
77	62.6	51.0	76.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 46.891 ng

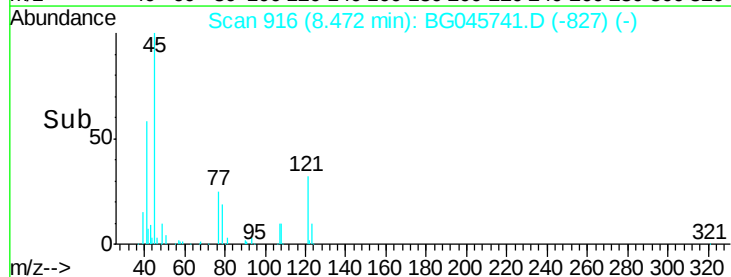
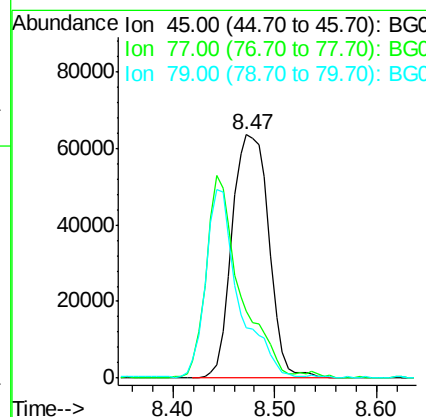
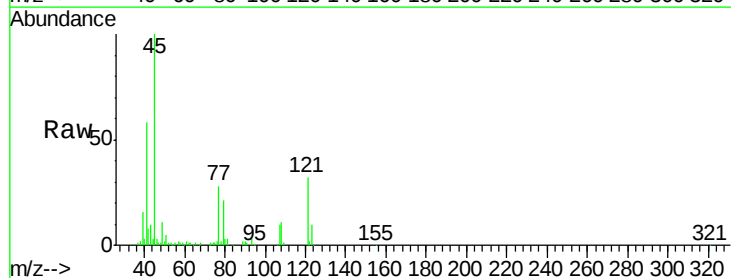
RT: 8.47 min Scan# 916

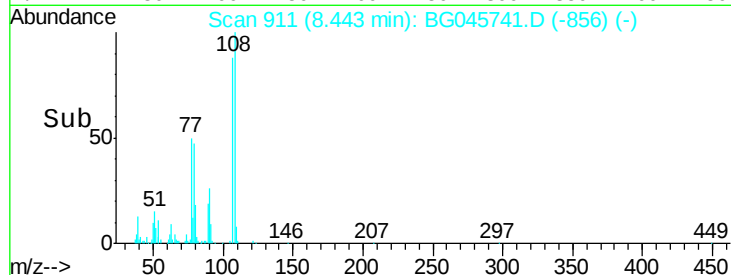
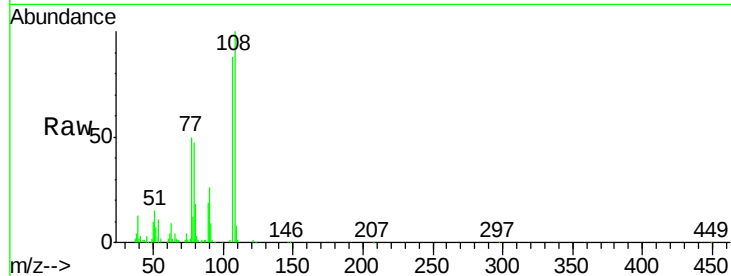
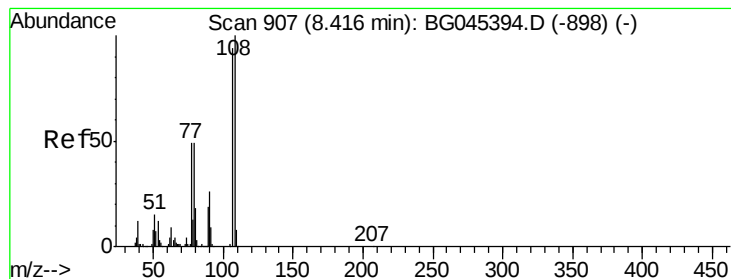
Delta R.T. -0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Tgt Ion:	45	Resp:	160081
Ion Ratio	Lower	Upper	
45	100		
77	27.7	4.0	44.0
79	20.6	0.0	38.6





#17

2-Methylphenol

Concen: 47.455 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.02 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Tot Ion	107	Resp	163779
Ion Ratio	Lower	Upper	
107	100		
108	114.2	85.2	127.8
77	57.4	41.6	62.4
79	53.6	41.8	62.8

Instrument :

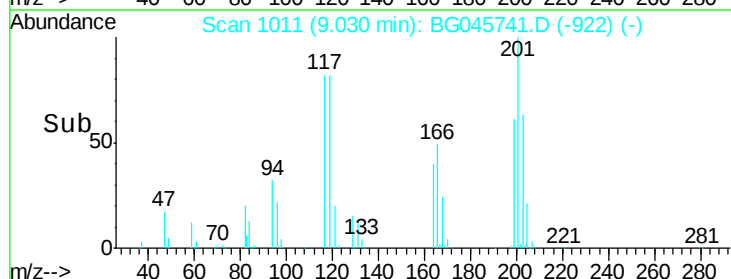
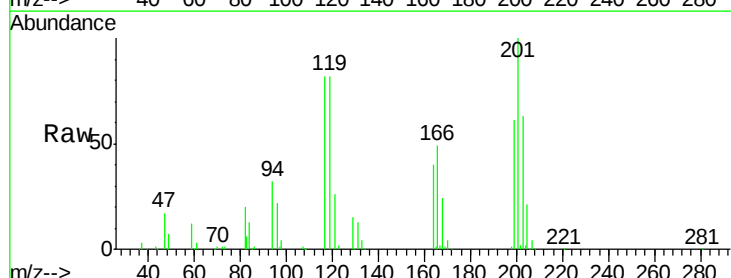
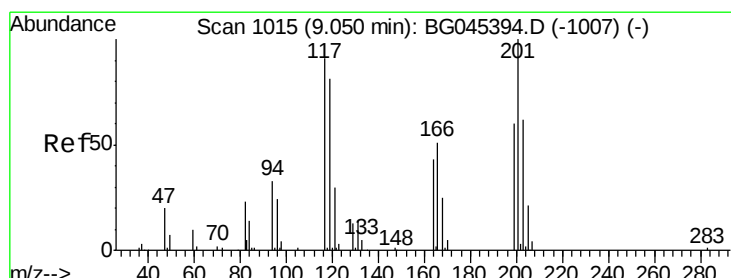
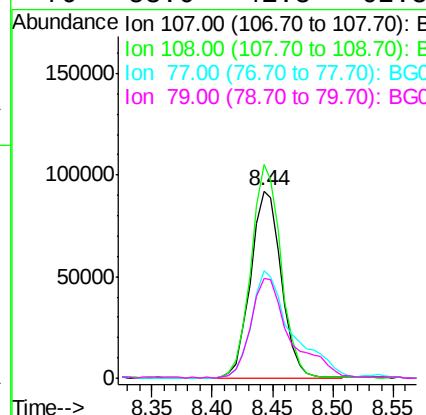
BNA_G

ClientSampleId :

PB129468BS

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#18

Hexachloroethane

Concen: 47.123 ng

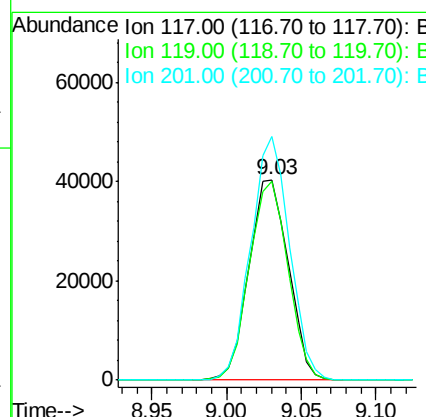
RT: 9.03 min Scan# 1011

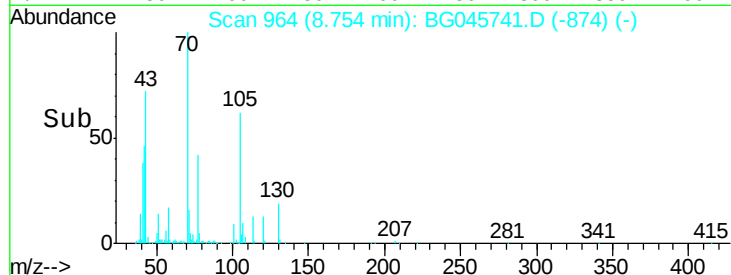
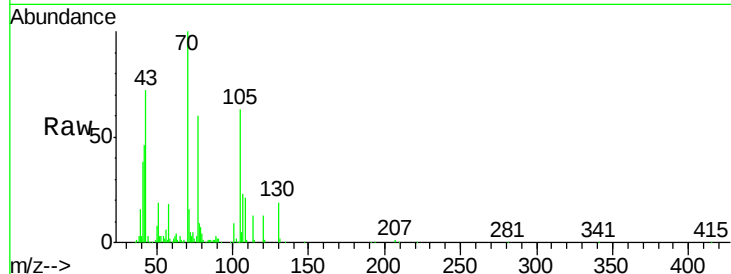
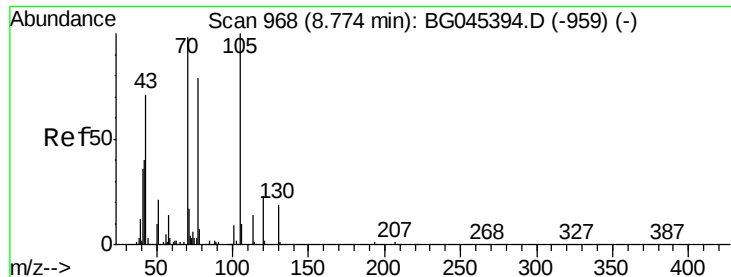
Delta R.T. -0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Tgt Ion	117	Resp	73778
Ion Ratio	Lower	Upper	
117	100		
119	99.7	71.3	106.9
201	121.7	87.5	131.3





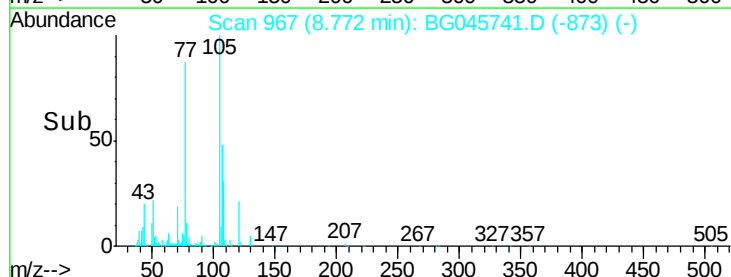
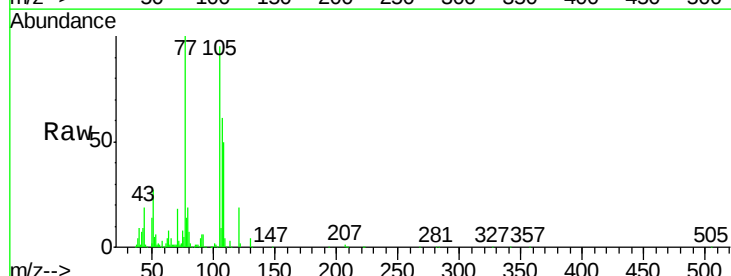
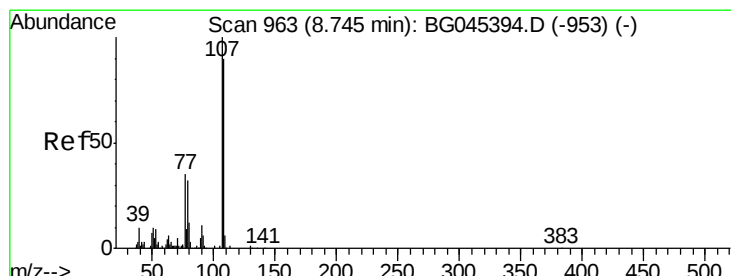
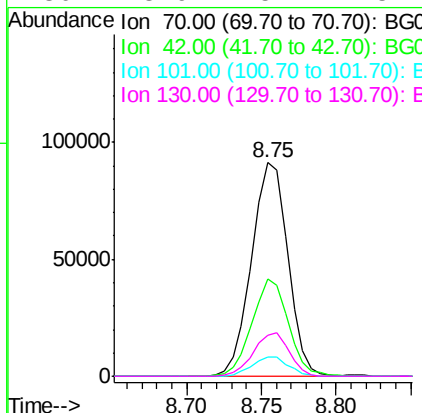
#19
n-Nitroso-di-n-propylamine
Concen: 49.640 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampled :
PB129468BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.7	33.2	49.8
101	8.8	7.8	11.6
130	18.9	15.4	23.2

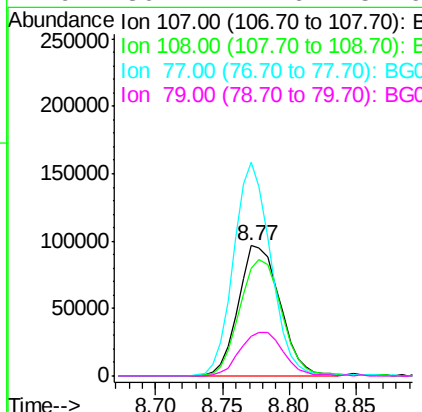
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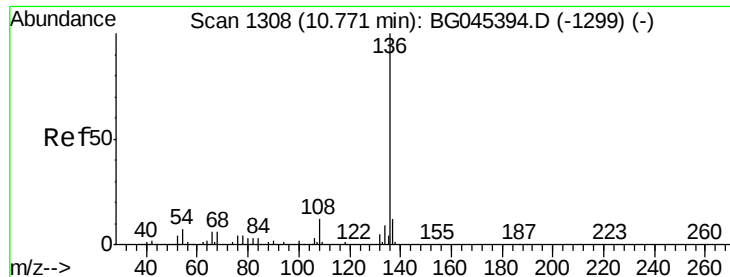
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#20
3+4-Methylphenols
Concen: 44.573 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.02 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.5	70.3	110.3
77	163.8	15.4	55.4#
79	30.7	12.6	52.6





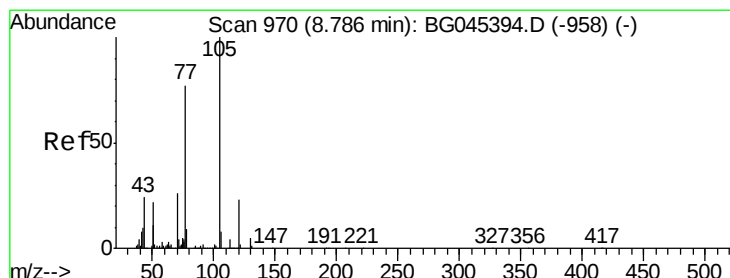
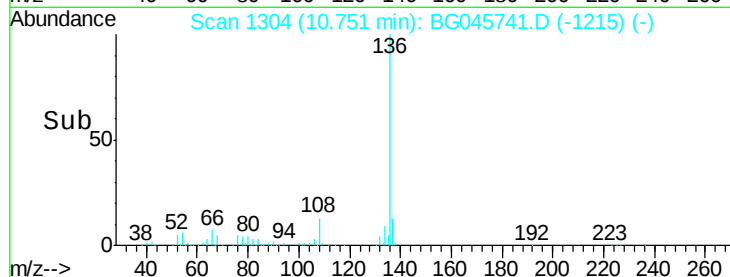
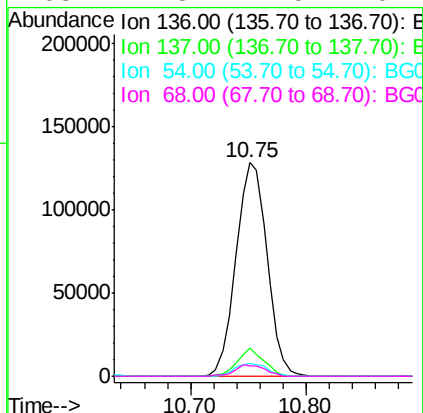
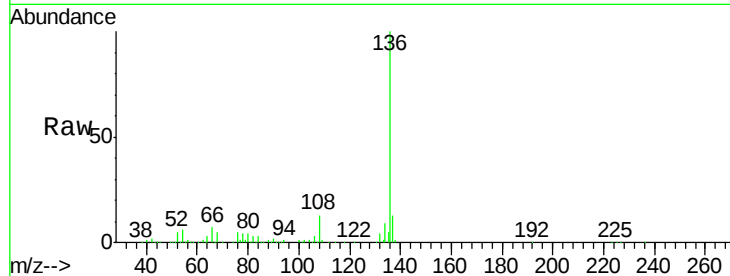
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	238762		
137	12.9		9.4	14.2
54	6.1		5.8	8.6
68	4.8		4.5	6.7

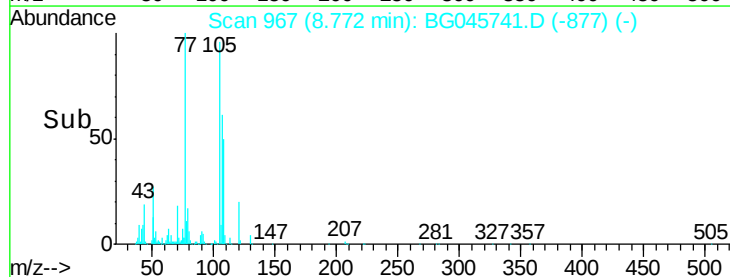
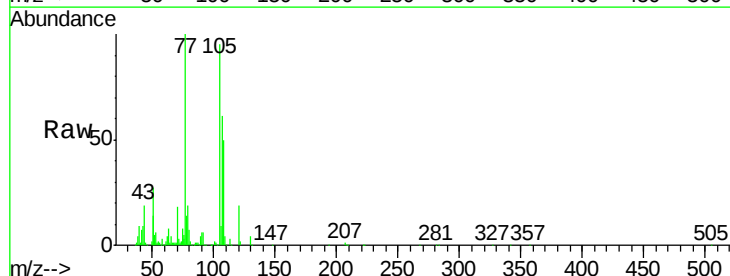
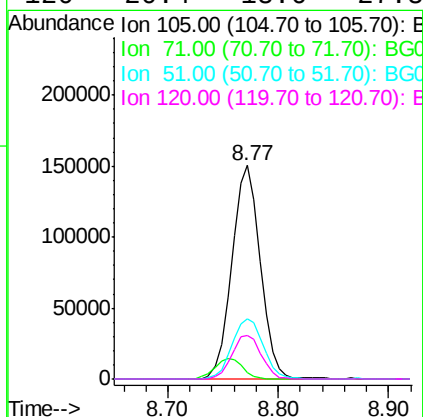
Manual Integrations
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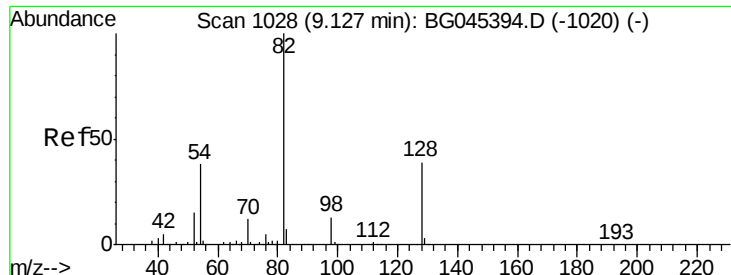
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#22
Acetophenone
Concen: 48.121 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	272311		
71	3.3		3.4	5.0#
51	28.2		18.2	27.2#
120	20.4		18.6	27.8





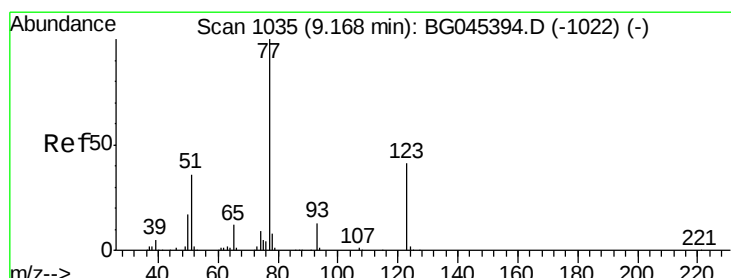
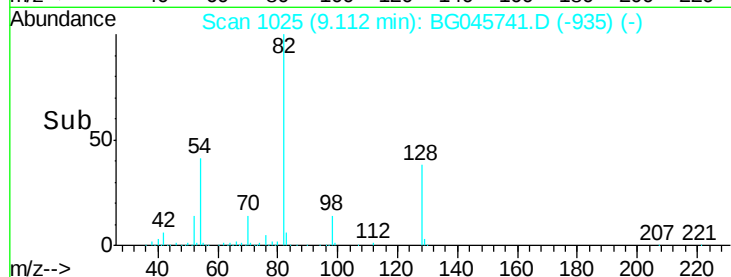
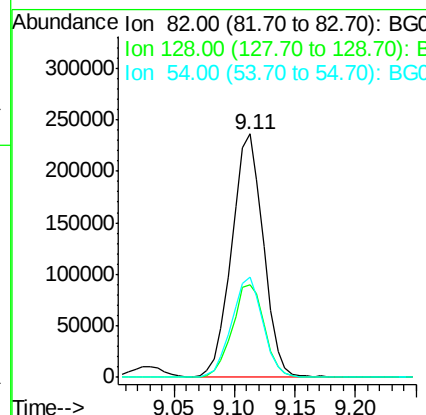
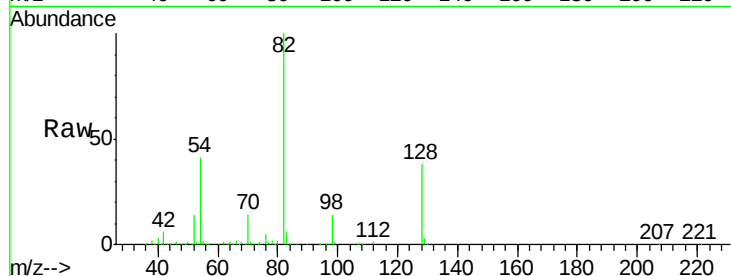
#23
Nitrobenzene-d5
Concen: 98.079 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	429432		
128	38.0		30.9	46.3
54	41.2		30.3	45.5

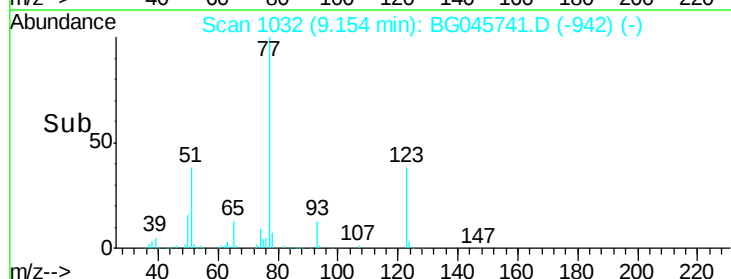
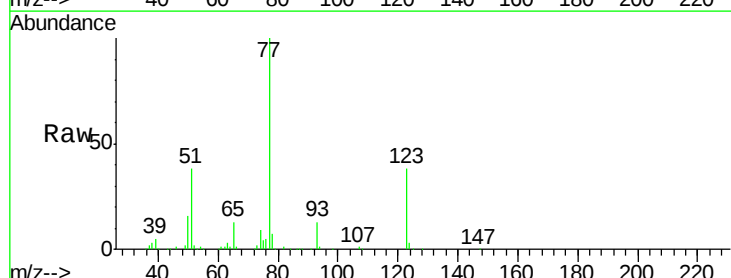
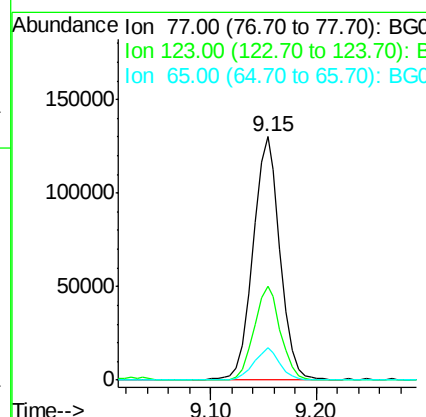
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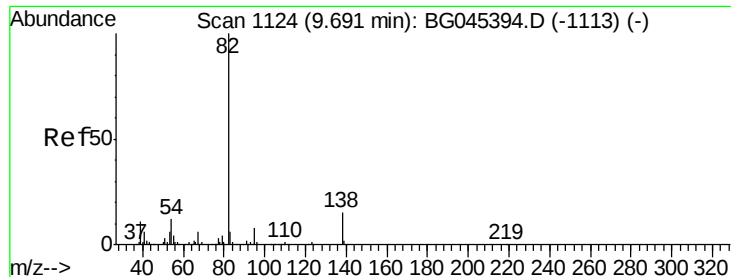
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#24
Nitrobenzene
Concen: 48.945 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	229601		
123	38.3		32.9	49.3
65	13.3		9.4	14.2





#25

Isophorone

Concen: 47.473 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

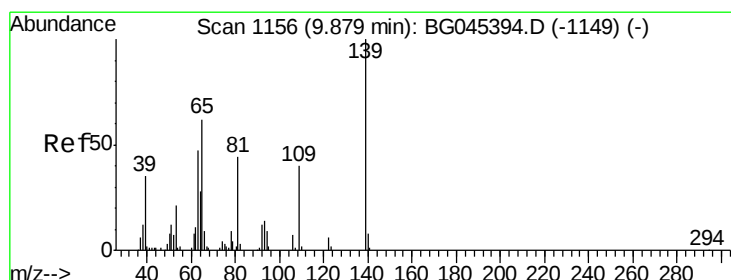
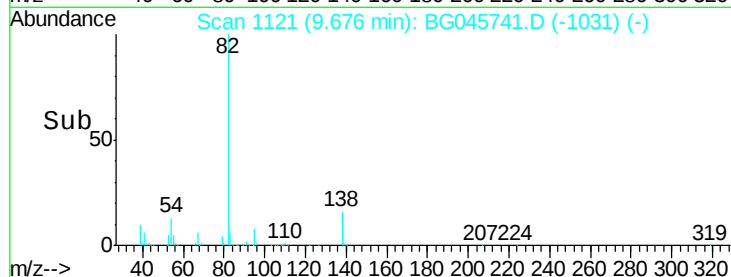
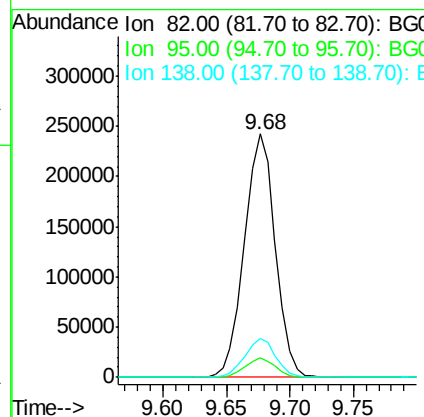
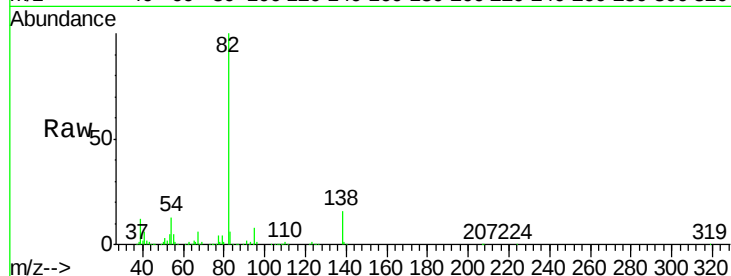
ClientSampleId :

PB129468BS

Tot Ion:	82	Resp:	409345
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.7	10.1
138	16.0	12.2	18.4

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#26

2-Nitrophenol

Concen: 50.666 ng

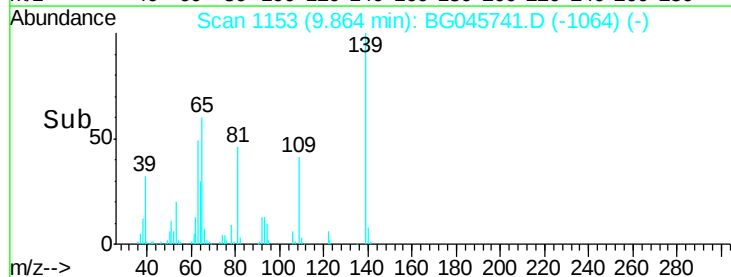
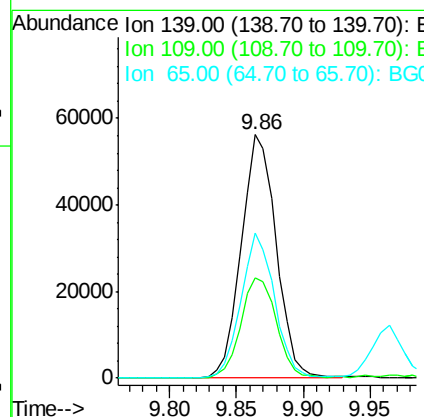
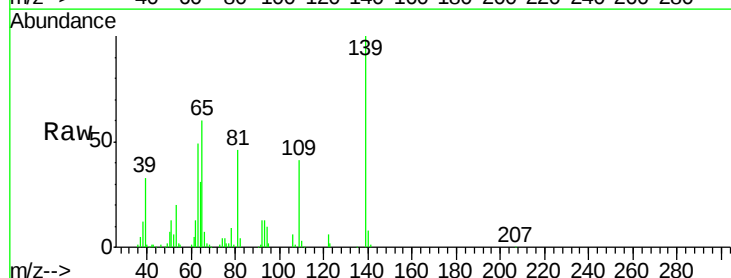
RT: 9.86 min Scan# 1153

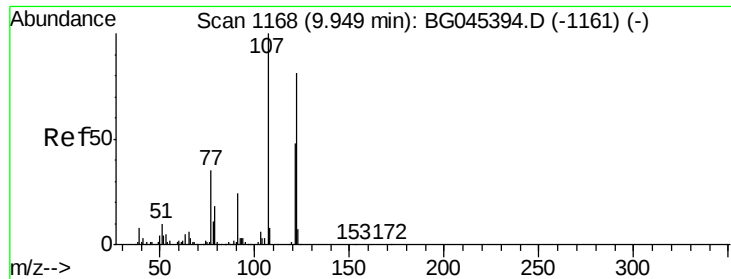
Delta R.T. -0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Tgt Ion:	139	Resp:	101673
Ion Ratio	Lower	Upper	
139	100		
109	41.1	32.2	48.4
65	59.6	49.6	74.4





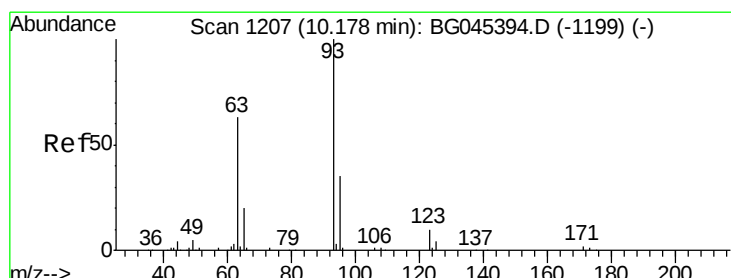
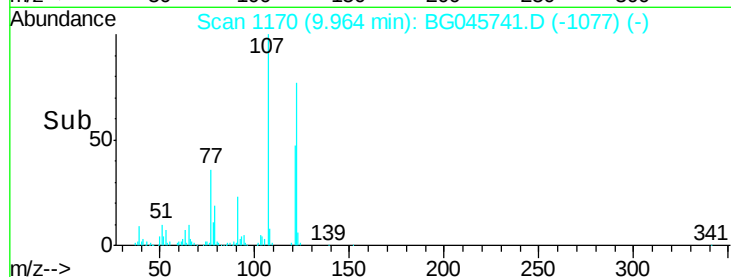
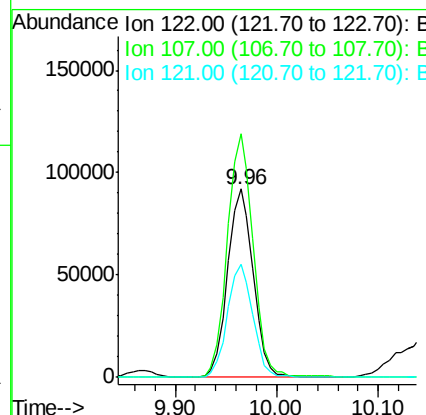
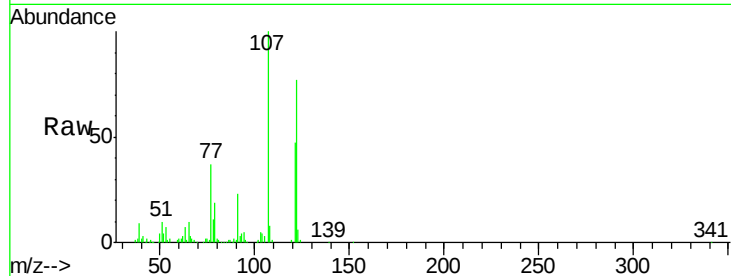
#27
2,4-Dimethylphenol
Concen: 54.391 ng
RT: 9.96 min Scan# 1170
Delta R.T. 0.02 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	161886		
107	129.2	99.0	148.4	
121	60.3	47.7	71.5	

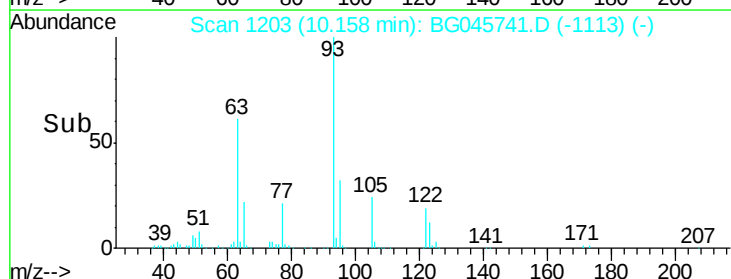
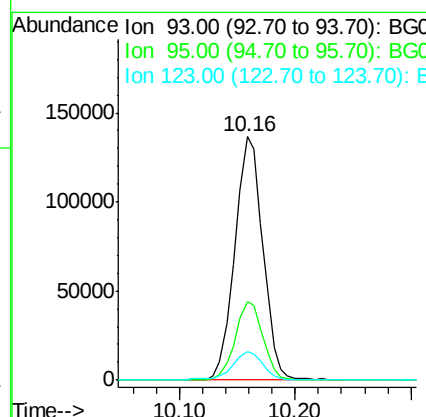
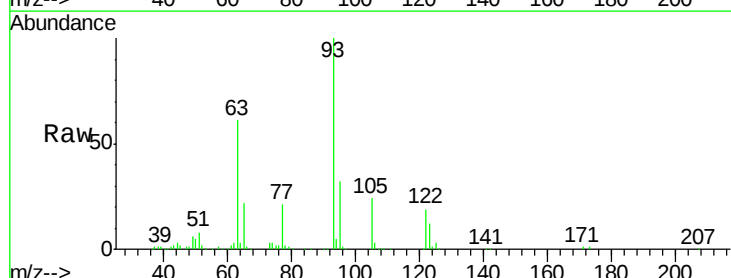
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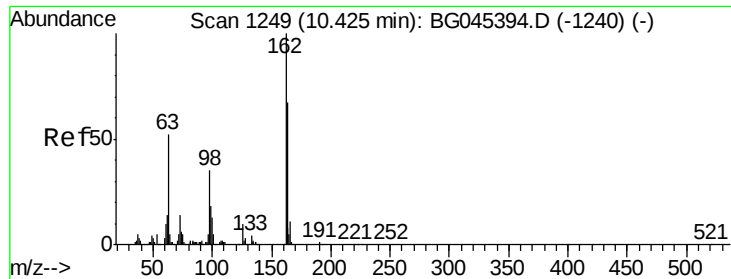
mohammad
6/15/2020 8:45:11 AM



#28
bis(2-Chloroethoxy)methane
Concen: 50.747 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	229484		
95	32.2	27.6	41.4	
123	11.5	8.1	12.1	





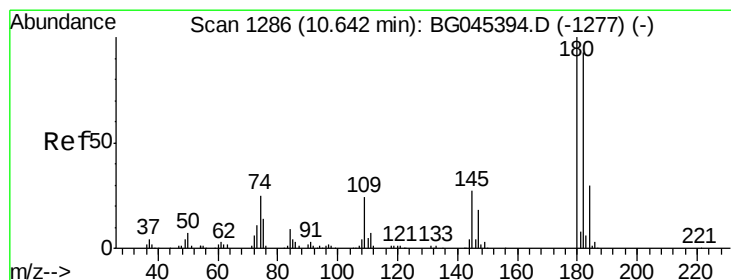
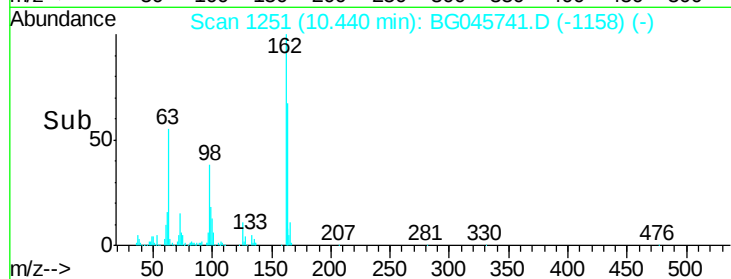
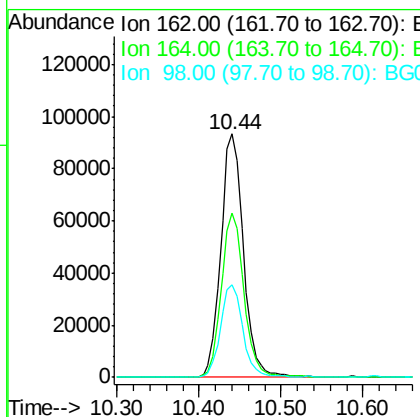
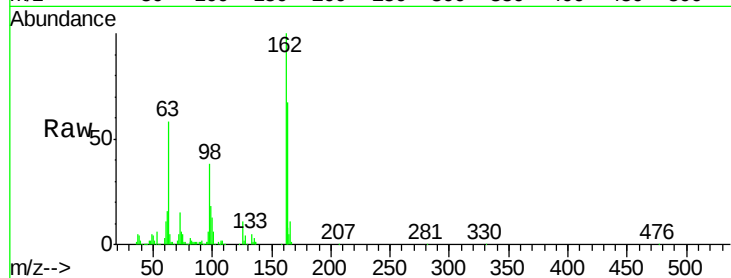
#29
 2,4-Dichlorophenol
 Concen: 51.261 ng
 RT: 10.44 min Scan# 1251
 Delta R.T. 0.02 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB129468BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	67.3	46.8	86.8
98	37.8	15.2	55.2

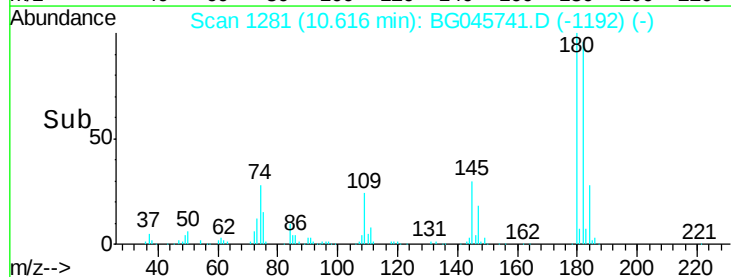
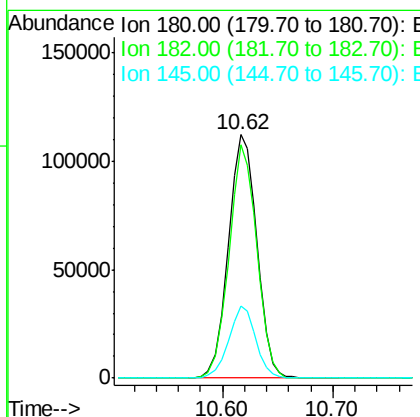
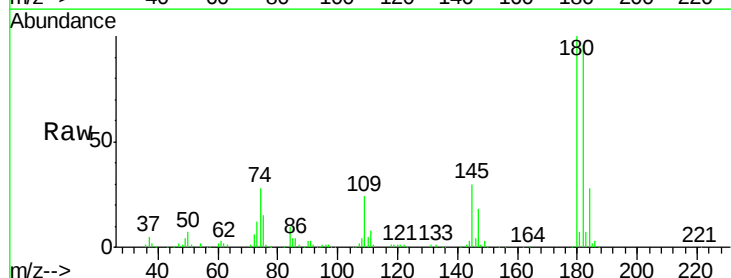
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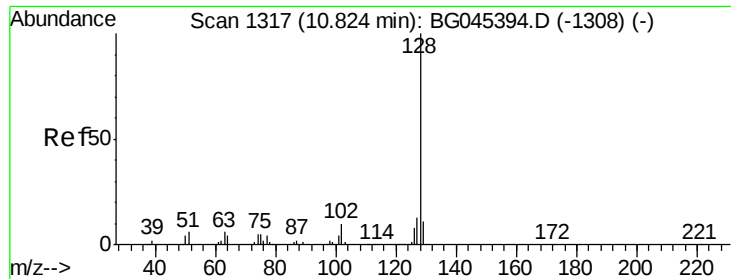
mohammad
 6/15/2020 8:45:11 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 48.731 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.8	74.8	112.2
145	29.7	21.9	32.9





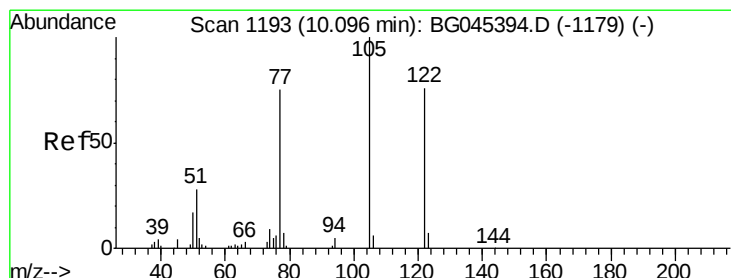
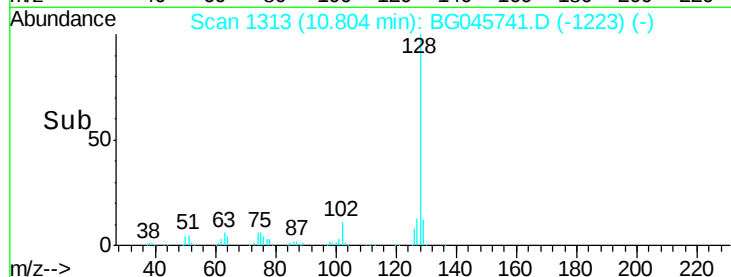
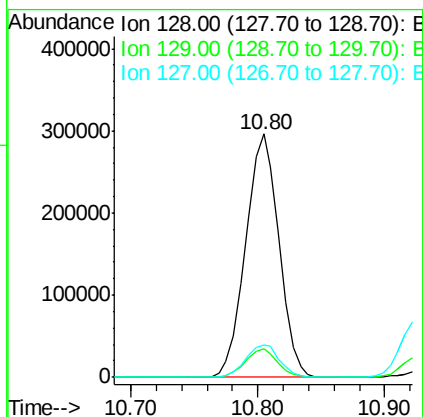
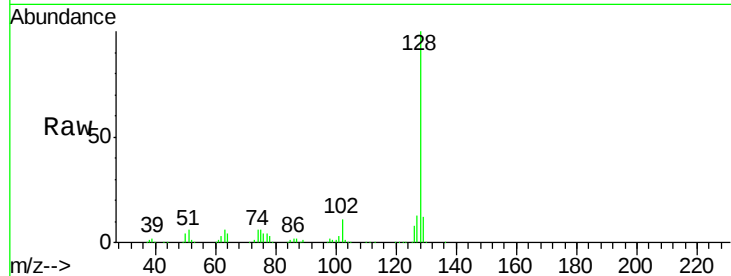
#31
Naphthalene
Concen: 48.615 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion:	128	Resp:	540896
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.0	13.6
127	13.2	10.7	16.1

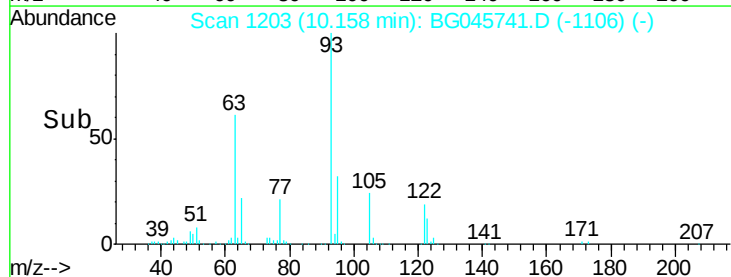
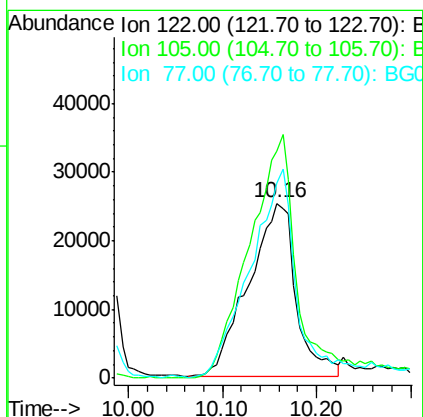
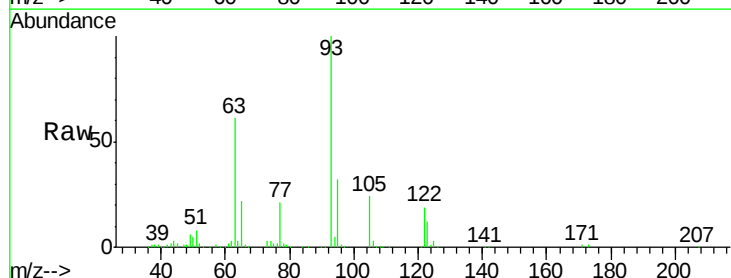
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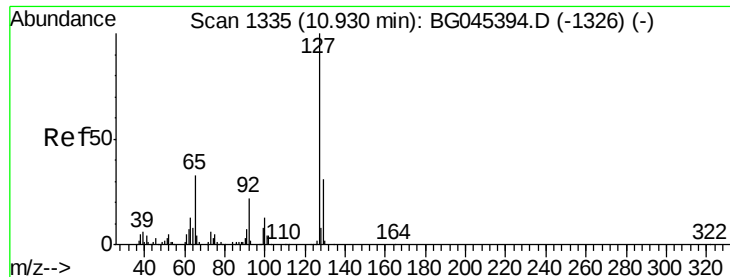
mohammad
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#32
Benzoic acid
Concen: 44.783 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.04 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion:	122	Resp:	88934
Ion Ratio	Lower	Upper	
122	100		
105	129.7	107.9	147.9
77	111.2	78.9	118.9





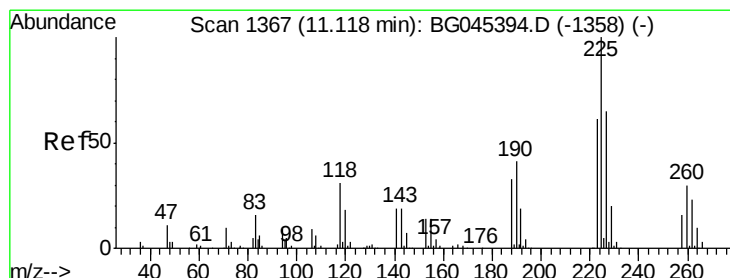
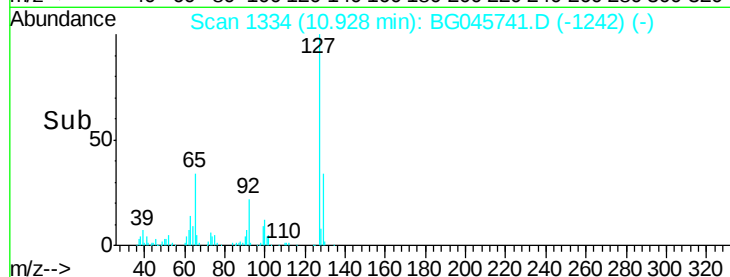
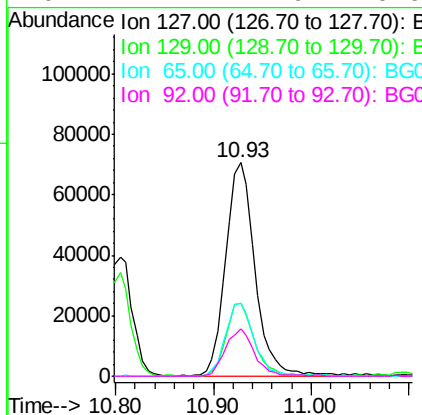
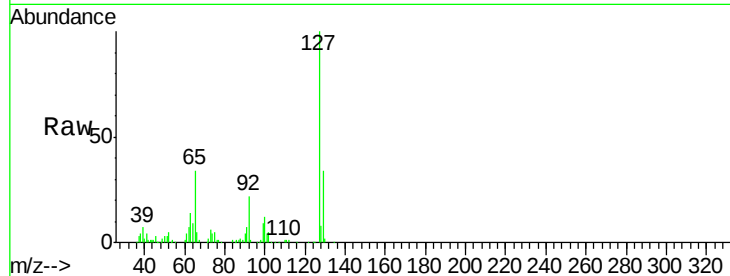
#33
4-Chloroaniline
Concen: 31.416 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		146107		
129	34.0	24.7	37.1		
65	34.3	26.2	39.2		
92	22.1	17.9	26.9		

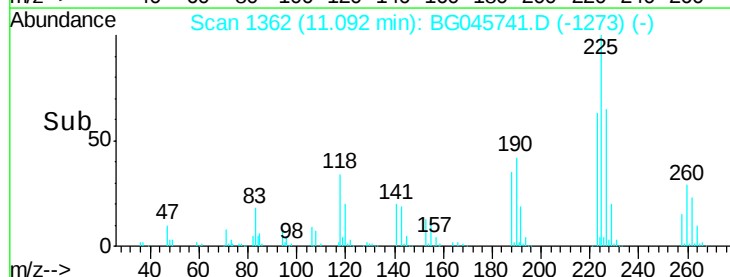
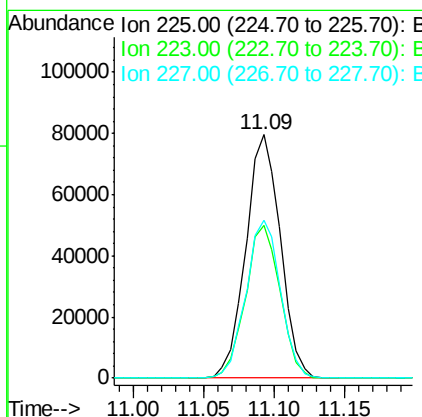
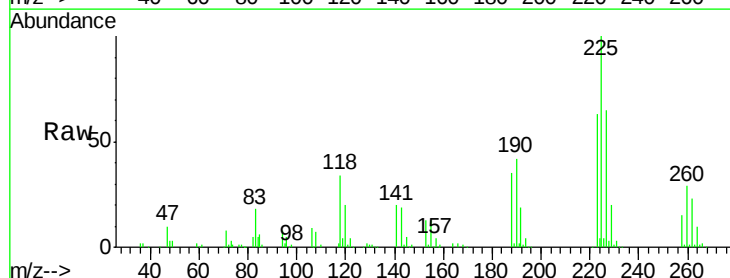
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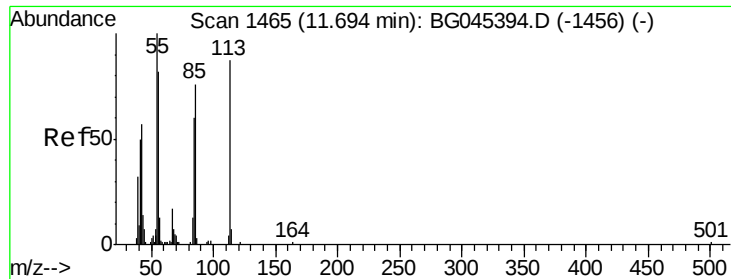
mohammad
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#34
Hexachlorobutadiene
Concen: 46.605 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		136818		
223	62.7	49.1	73.7		
227	64.9	52.0	78.0		





#35

Caprolactam

Concen: 47.112 ng

RT: 11.70 min Scan# 1466

Delta R.T. 0.02 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

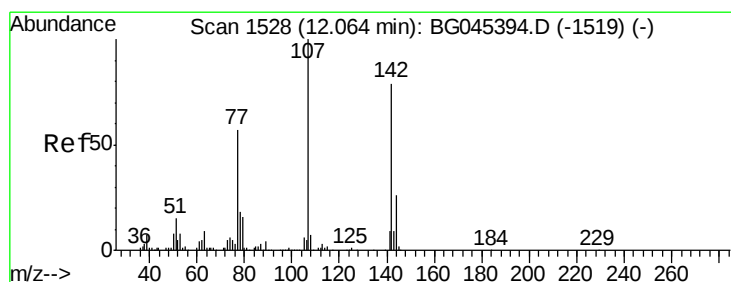
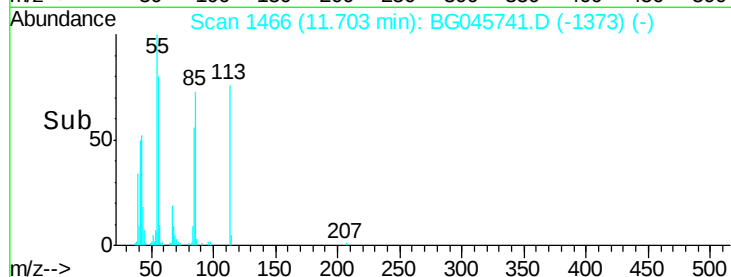
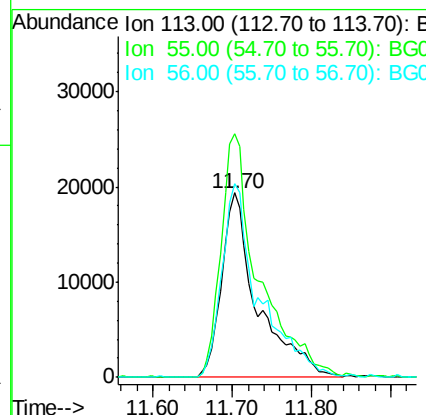
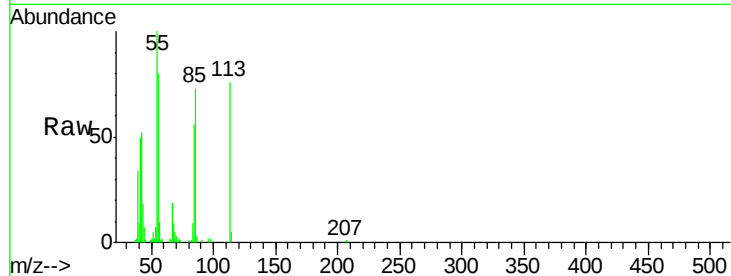
ClientSampleId :

PB129468BS

Tot Ion:	113	Resp:	60777
Ion Ratio	Lower	Upper	
113	100		
55	132.2	96.0	136.0
56	105.4	75.1	115.1

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#36

4-Chloro-3-methylphenol

Concen: 52.956 ng

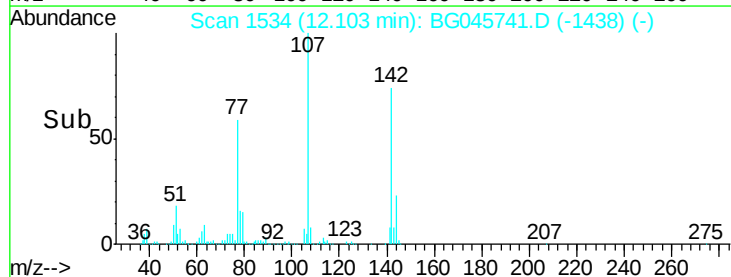
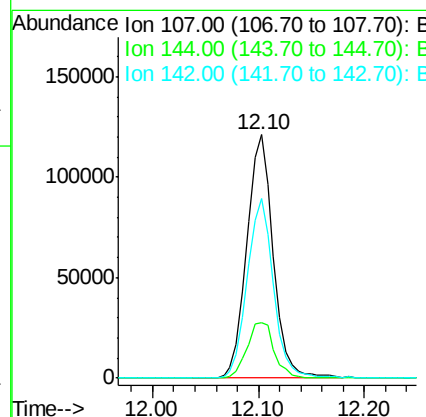
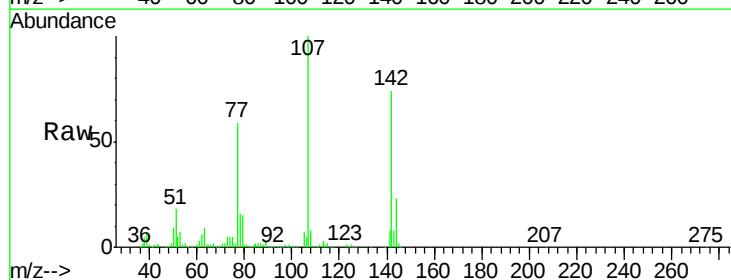
RT: 12.10 min Scan# 1534

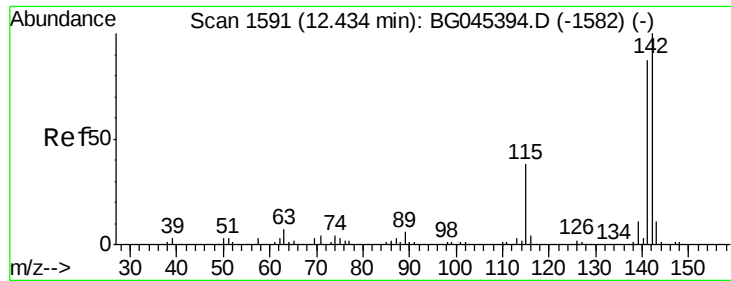
Delta R.T. 0.03 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Tgt Ion:	107	Resp:	209730
Ion Ratio	Lower	Upper	
107	100		
144	22.7	20.8	31.2
142	73.9	62.8	94.2





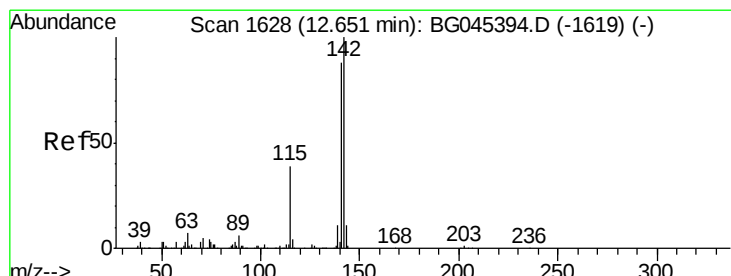
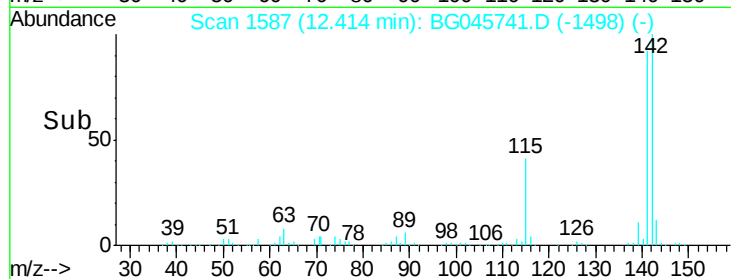
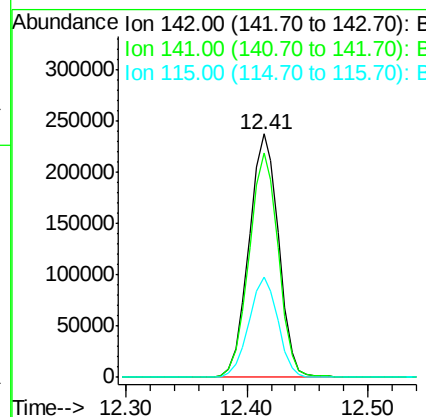
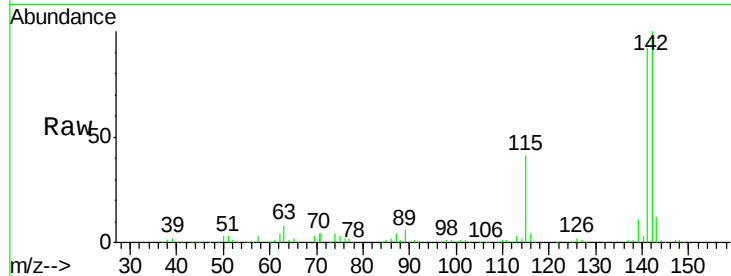
#37
2-Methylnaphthalene
Concen: 48.973 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	70.0	105.0
115	41.2	30.8	46.2

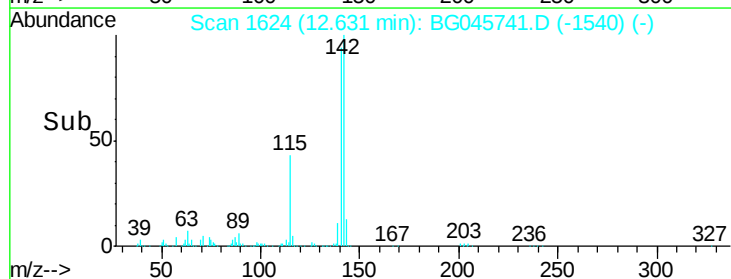
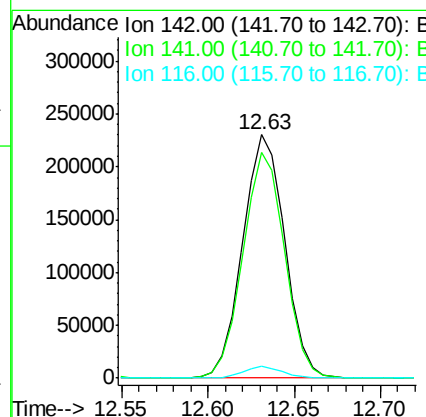
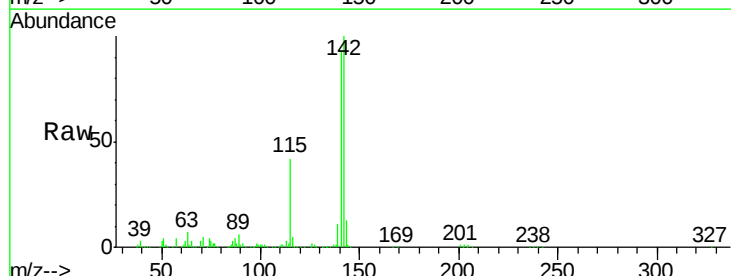
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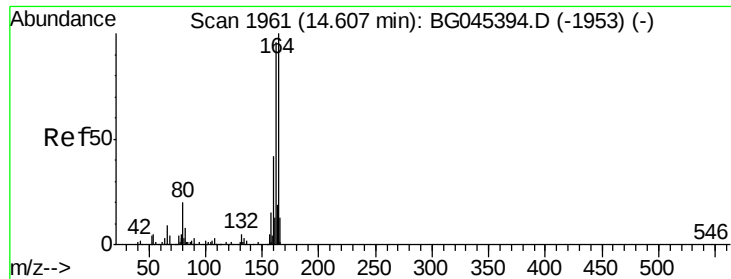
mohammad
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#38
1-Methylnaphthalene
Concen: 49.840 ng m
RT: 12.63 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	70.8	106.2
116	4.7	3.0	4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

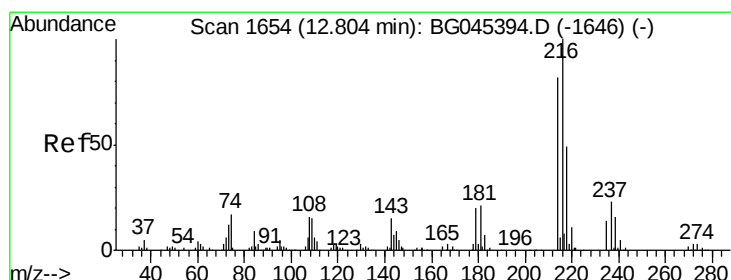
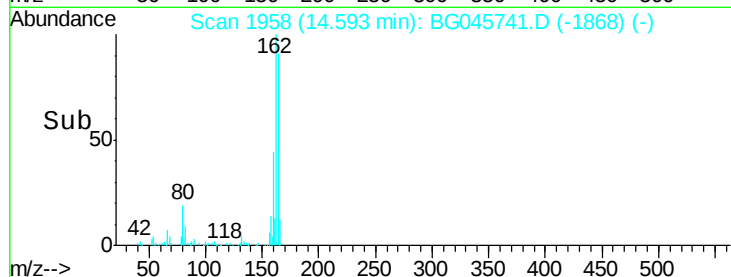
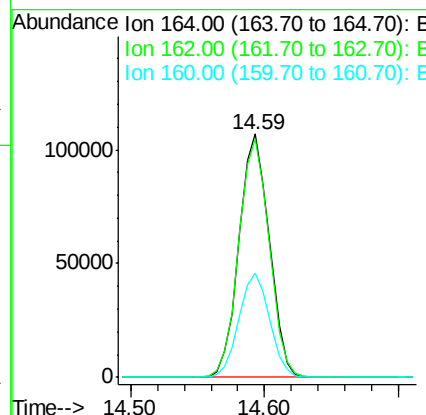
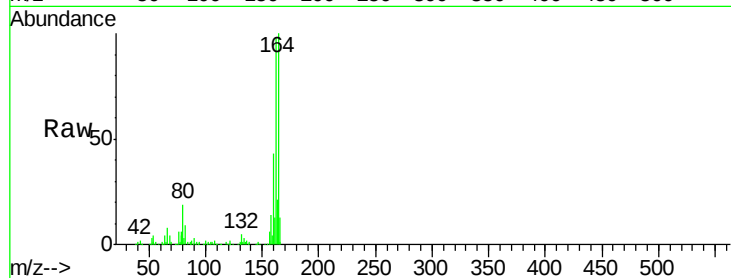
ClientSampleId :

PB129468BS

Tot Ion:	164	Resp:	168282
Ion Ratio	Lower	Upper	
164	100		
162	97.8	76.9	115.3
160	42.7	33.8	50.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.845 ng

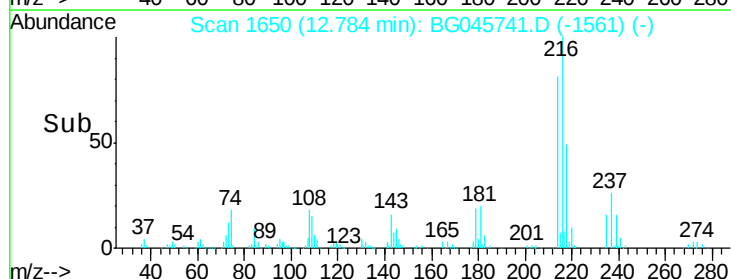
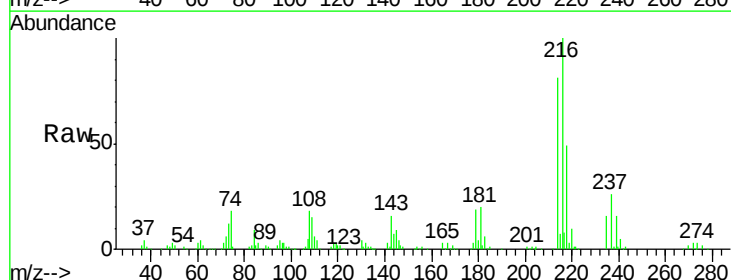
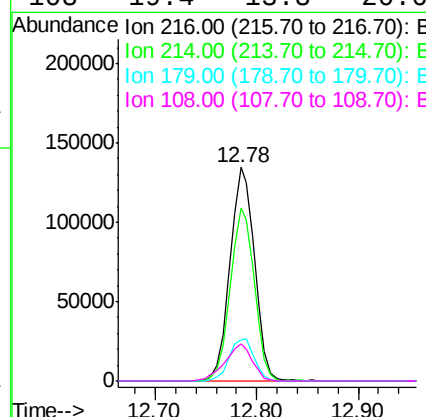
RT: 12.78 min Scan# 1650

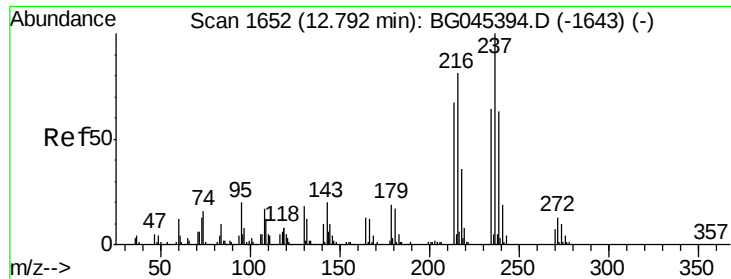
Delta R.T. -0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Tgt Ion:	216	Resp:	224890
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.7	95.5
179	20.1	16.1	24.1
108	19.4	13.8	20.6





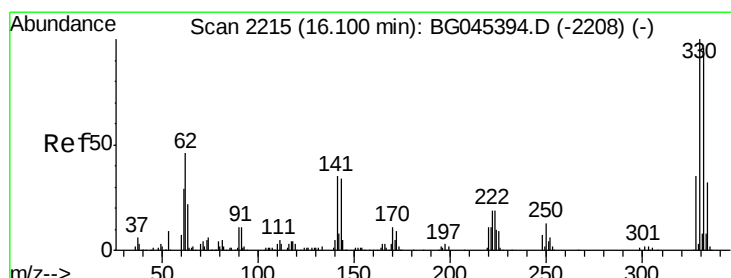
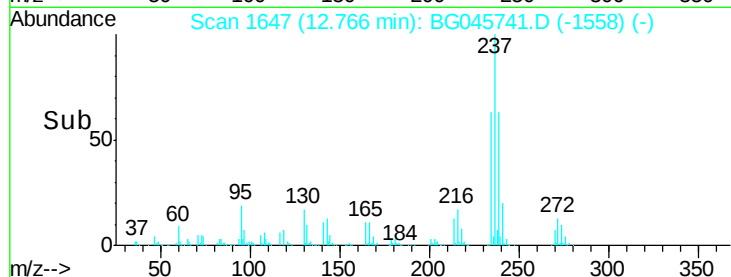
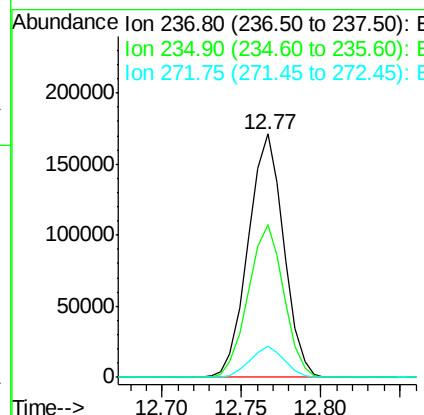
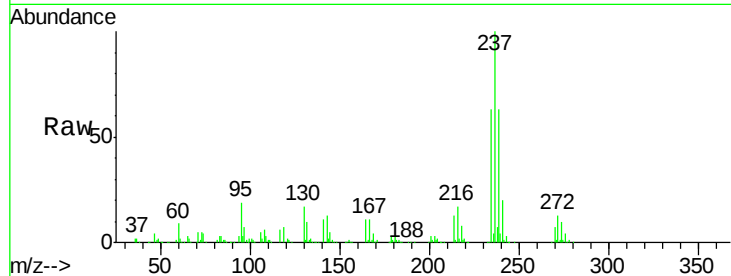
#41
Hexachlorocyclopentadiene
Concen: 98.167 ng
RT: 12.77 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.8	44.4	84.4
272	12.9	0.0	32.5

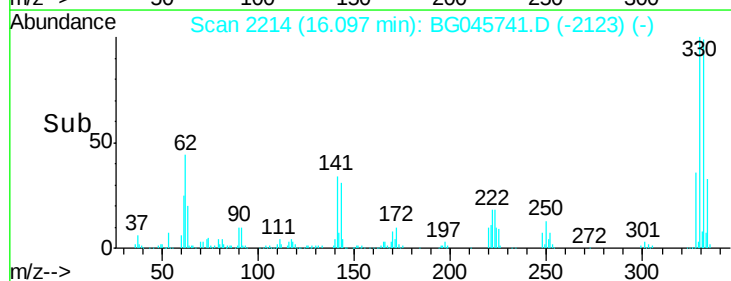
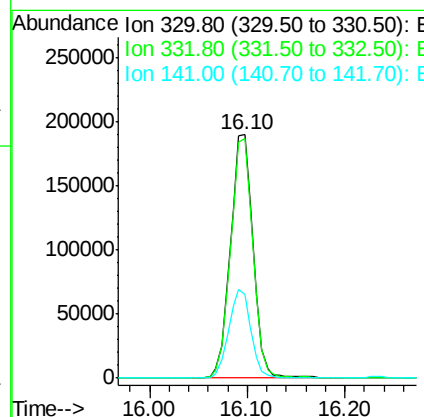
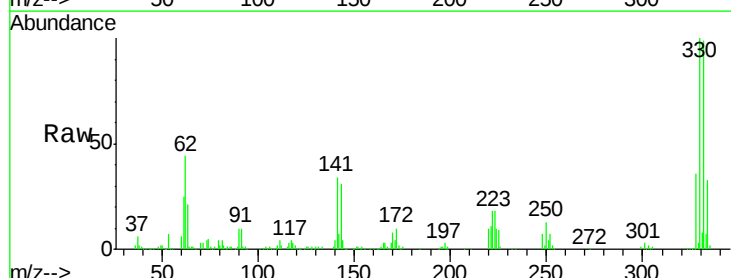
Manual Integrations
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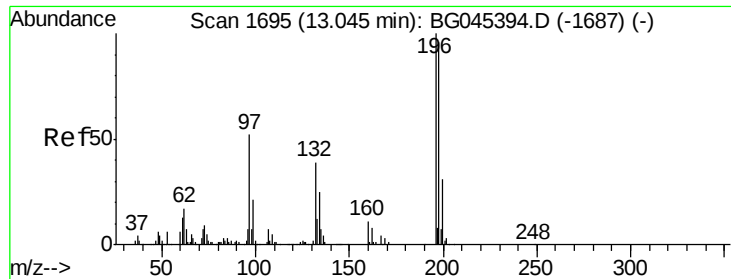
mohammad
6/15/2020 8:45:11 AM



#42
2,4,6-Tribromophenol
Concen: 141.440 ng
RT: 16.10 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.8	78.2	117.4
141	35.6	28.2	42.4





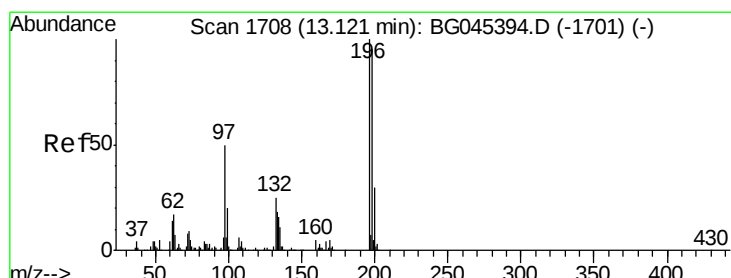
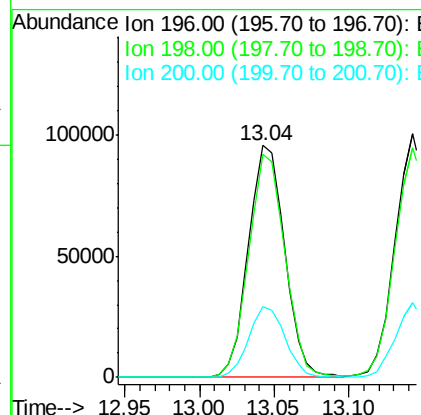
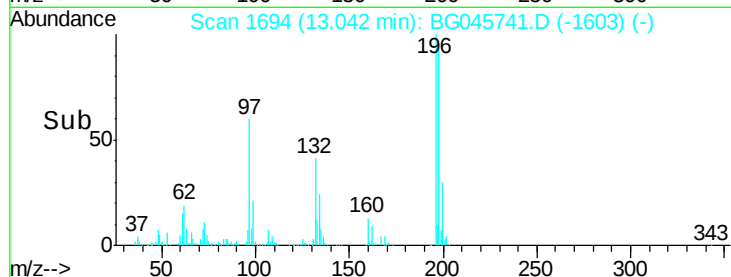
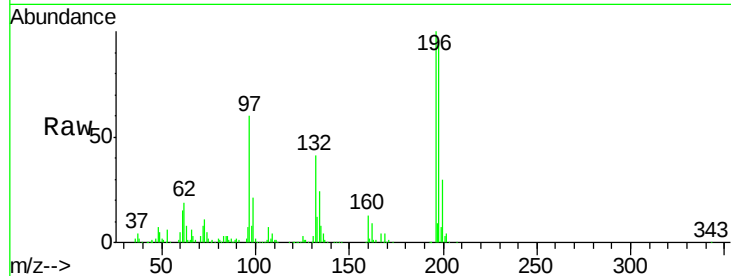
#43
 2,4,6-Trichlorophenol
 Concen: 49.416 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB129468BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	161353		
198	96.0	76.7	115.1	
200	30.4	24.9	37.3	

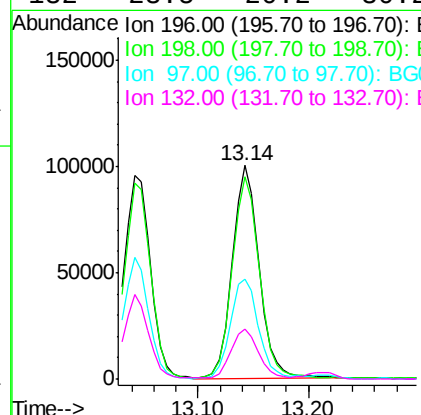
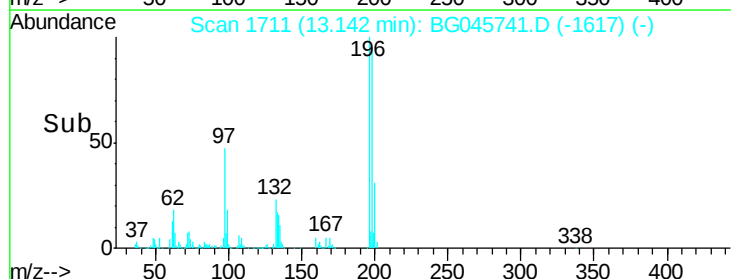
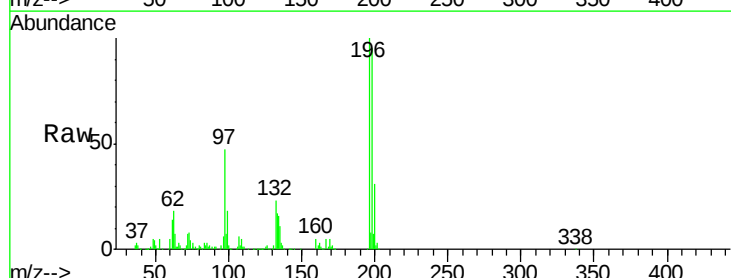
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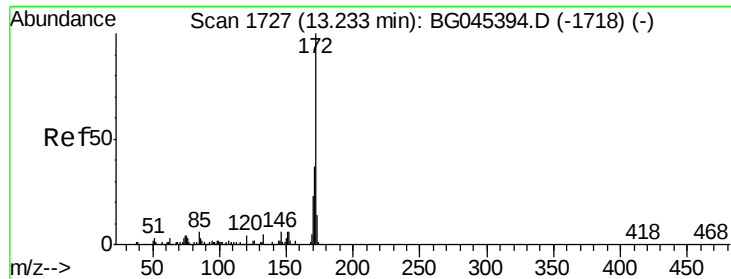
mohammad
 6/15/2020 8:45:11 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.995 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. 0.02 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171618		
198	94.5	76.1	114.1	
97	46.5	40.0	60.0	
132	23.5	20.2	30.2	





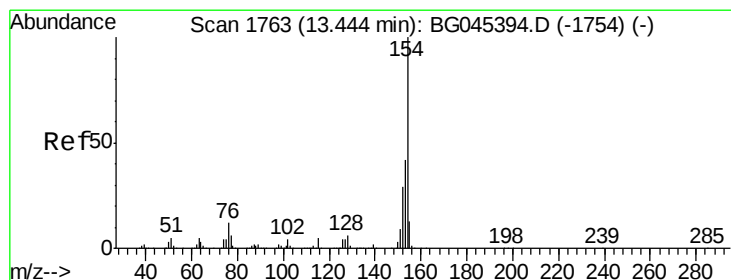
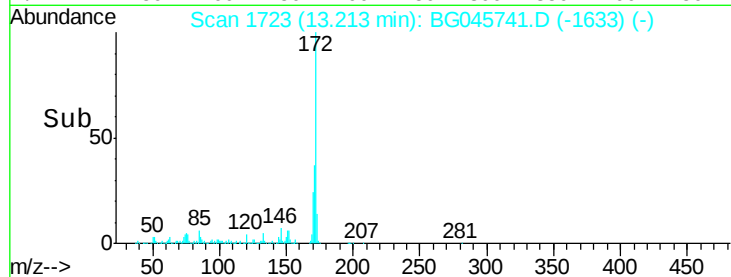
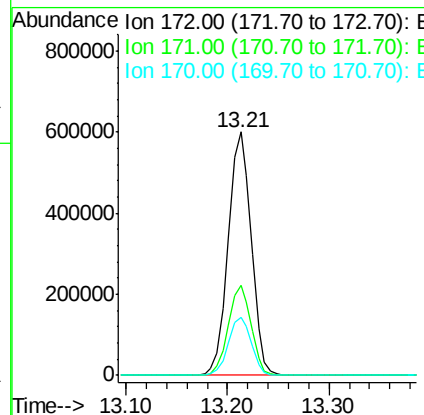
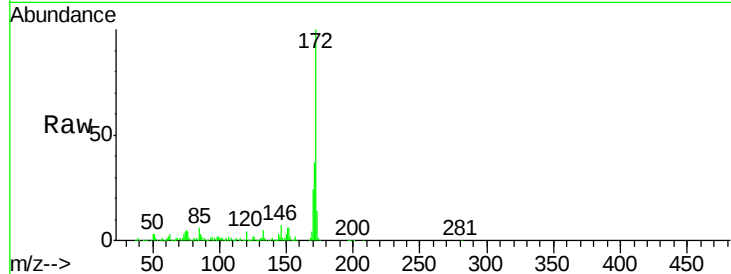
#45
2-Fluorobiphenyl
Concen: 95.037 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.5	44.3
170	23.9	18.5	27.7

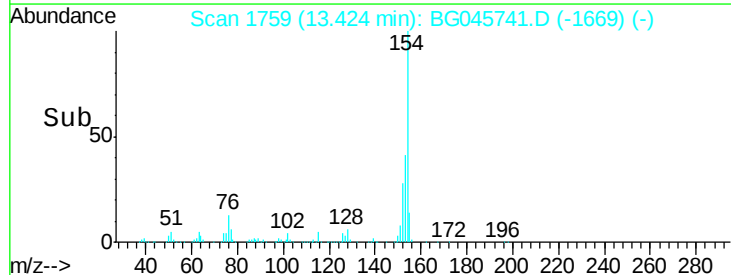
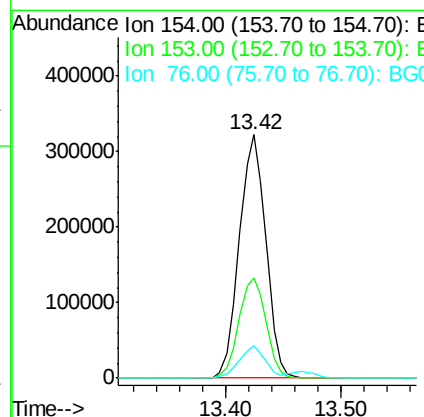
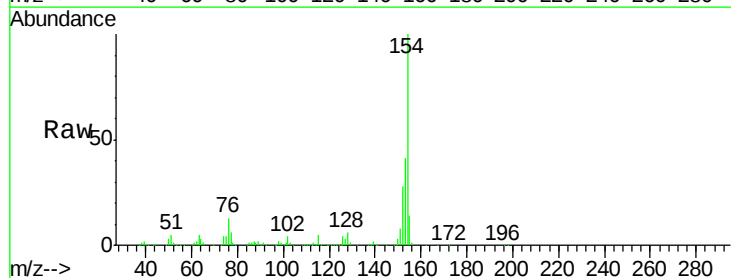
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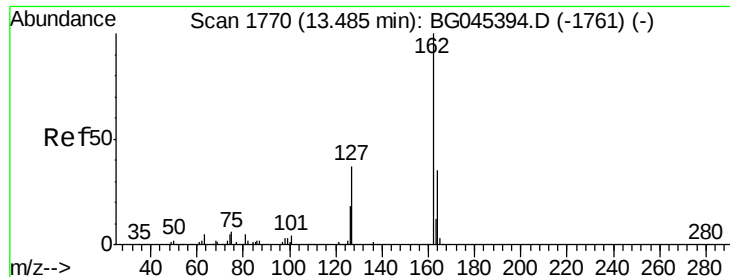
mohammad
6/15/2020 8:45:11 AM



#46
1,1'-Biphenyl
Concen: 49.690 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.2	62.2
76	13.2	0.0	32.4





#47

2-Chloronaphthalene

Concen: 47.695 ng

RT: 13.47 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

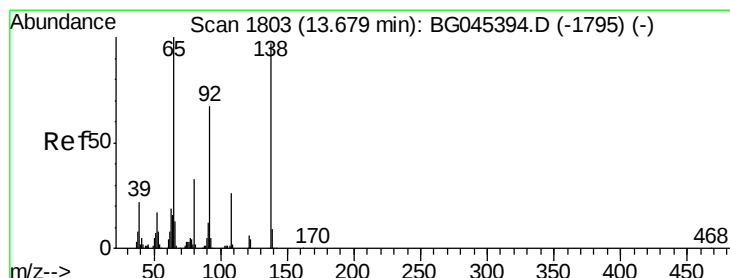
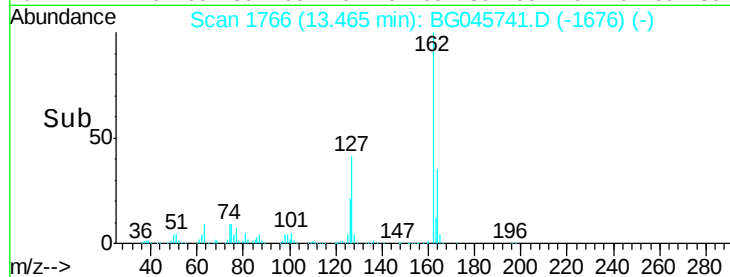
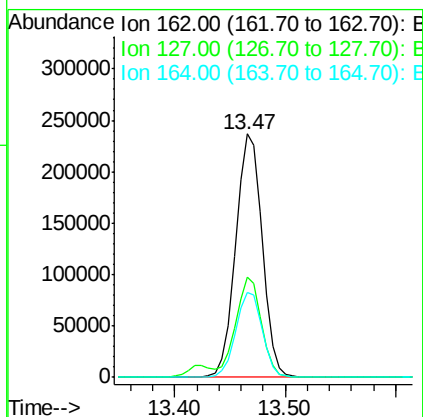
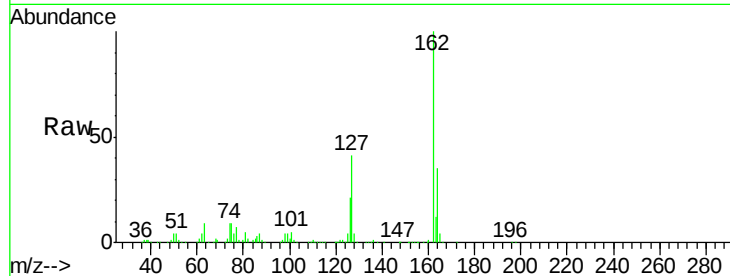
ClientSampleId :

PB129468BS

Tot Ion:	162	Resp:	400474
Ion Ratio		Lower	Upper
162	100		
127	41.0	31.6	47.4
164	34.9	28.1	42.1

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#48

2-Nitroaniline

Concen: 49.588 ng

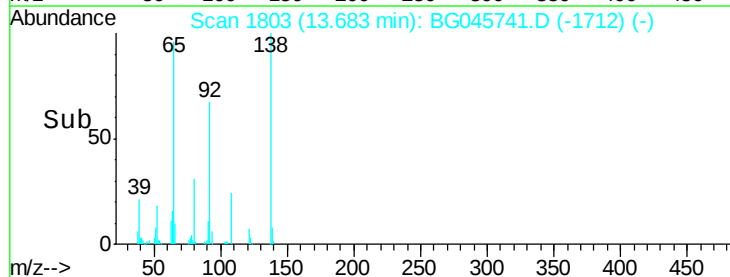
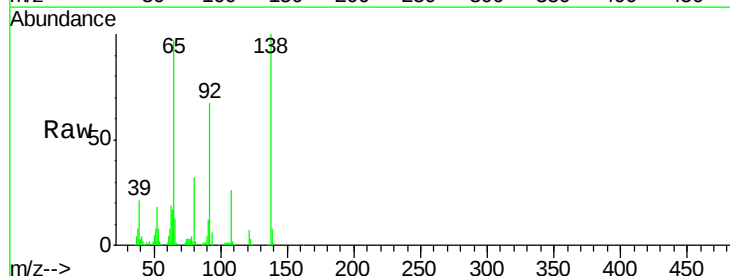
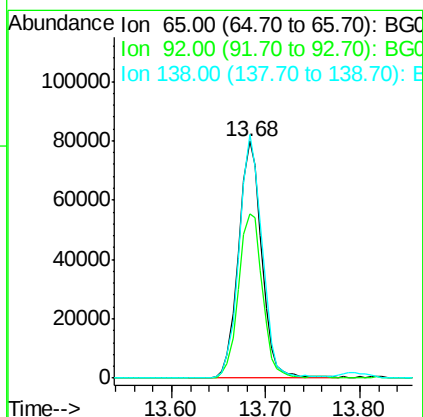
RT: 13.68 min Scan# 1803

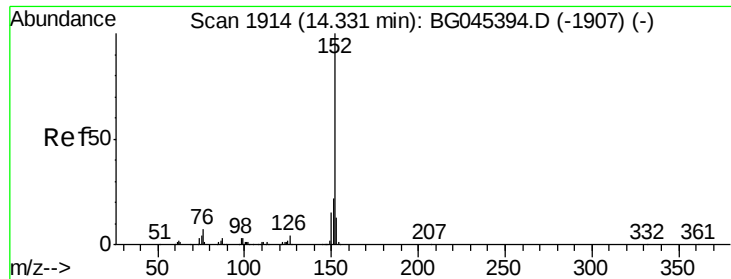
Delta R.T. 0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Tgt Ion:	65	Resp:	136964
Ion Ratio		Lower	Upper
65	100		
92	69.3	53.8	80.8
138	102.8	77.9	116.9





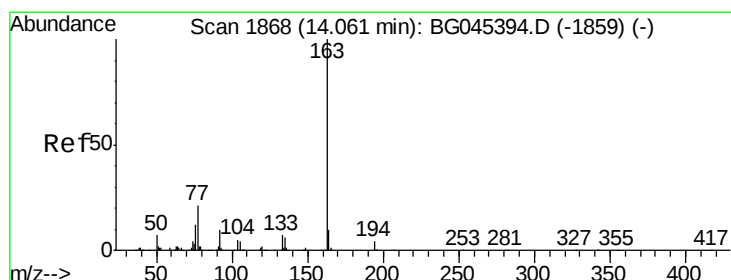
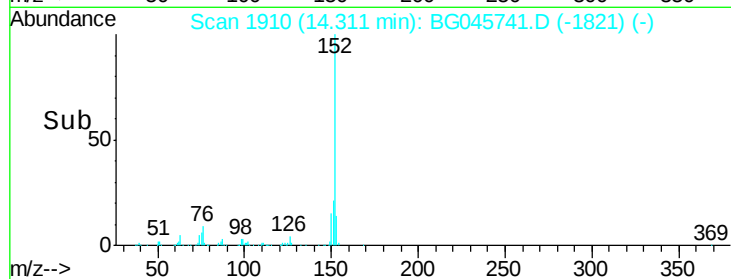
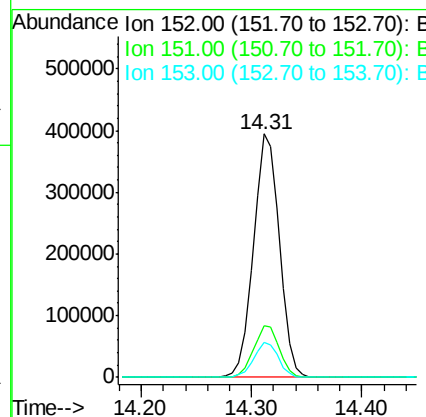
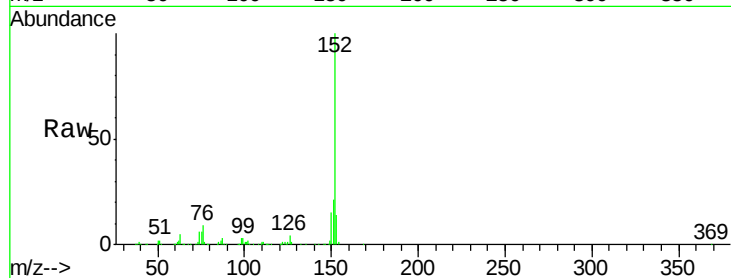
#49
Acenaphthylene
Concen: 48.149 ng
RT: 14.31 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion	Ratio	Resp Lower	Upper
152	100		
151	21.3	17.4	26.2
153	14.1	10.7	16.1

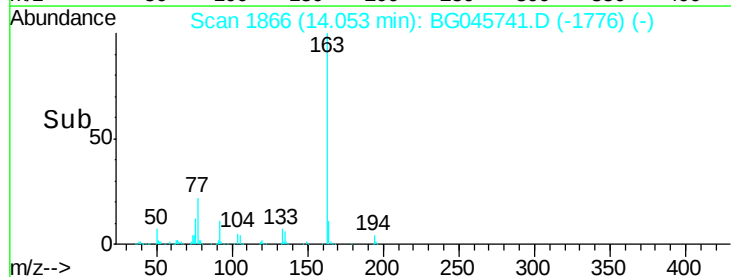
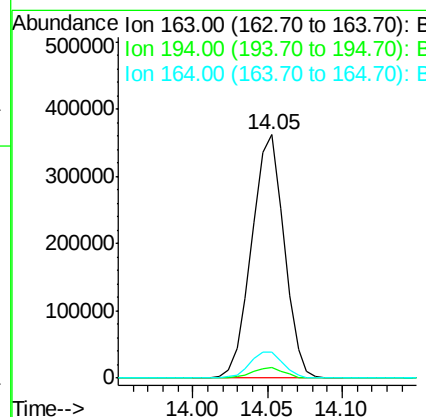
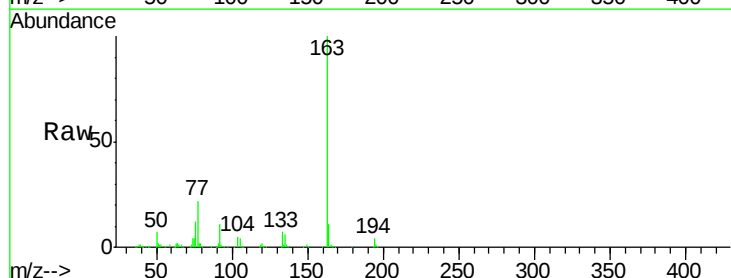
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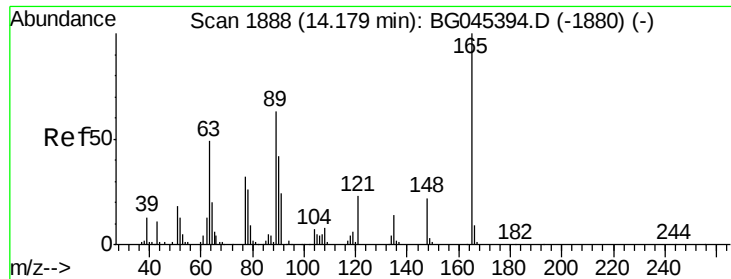
mohammad
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#50
Dimethylphthalate
Concen: 47.035 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	4.4	3.2	4.8
164	10.6	8.3	12.5





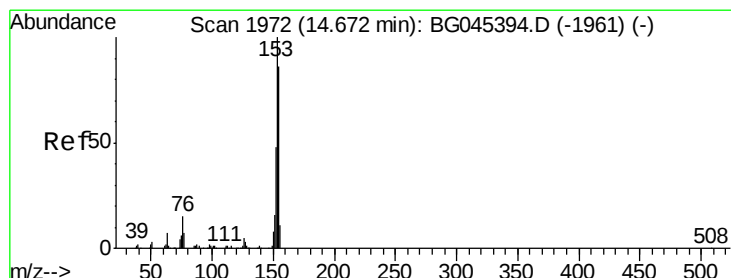
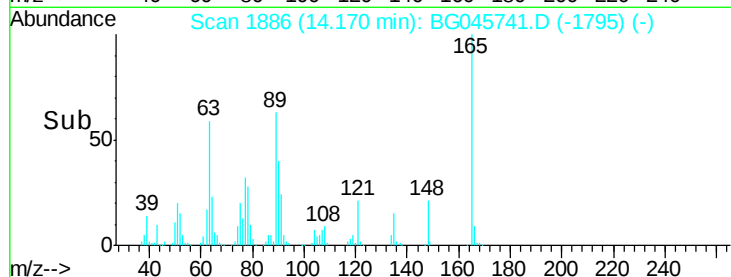
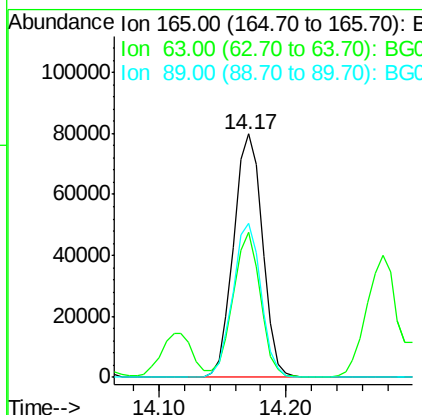
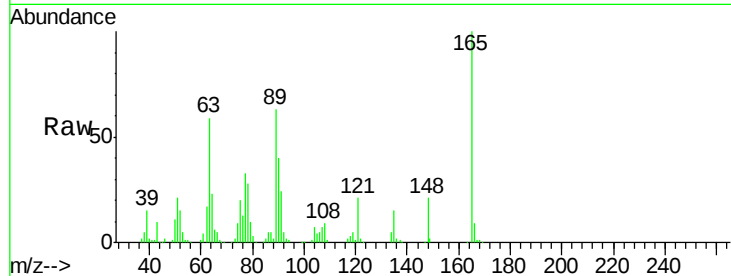
#51
 2,6-Dinitrotoluene
 Concen: 48.051 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

Instrument :
 BNA_G
 ClientSampled :
 PB129468BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	125168		
63	59.5	45.0	67.4	
89	63.4	50.2	75.4	

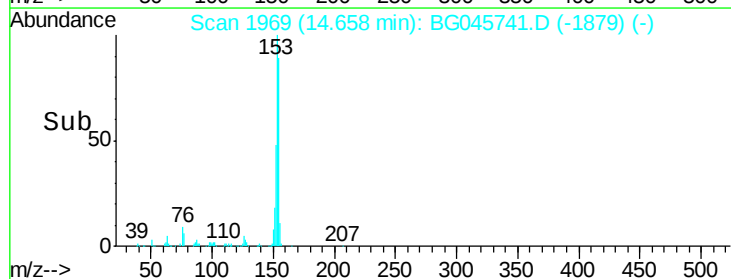
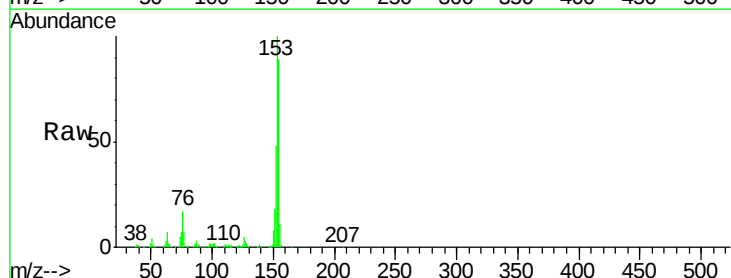
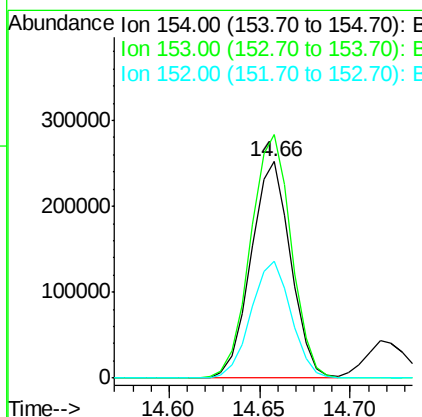
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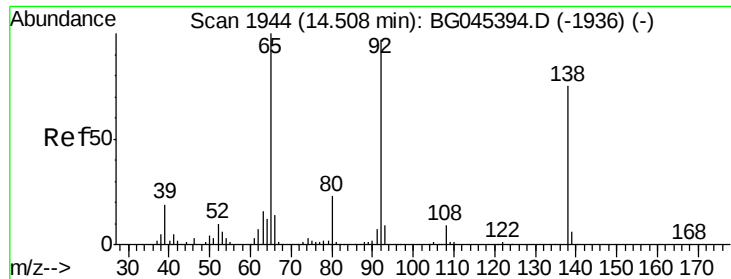
mohammad
 6/15/2020 8:45:11 AM



#52
 Acenaphthene
 Concen: 42.723 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	385699		
153	112.6	92.8	139.2	
152	54.1	44.6	66.8	





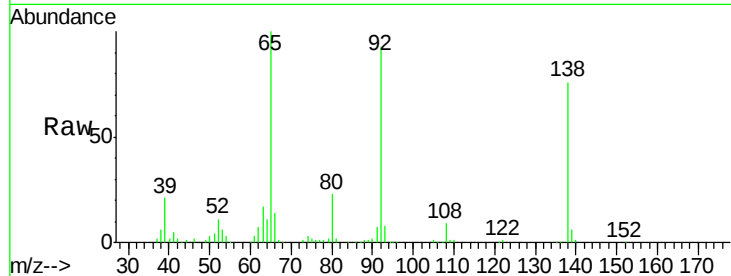
#53
3-Nitroaniline
Concen: 35.230 ng
RT: 14.52 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

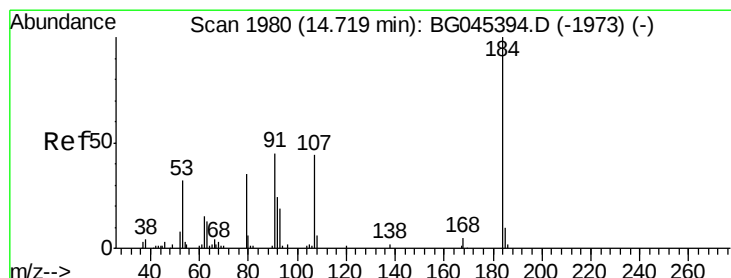
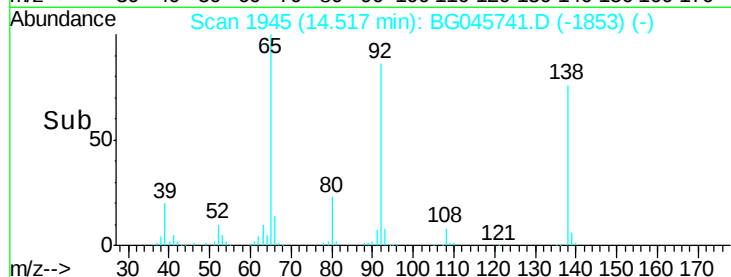
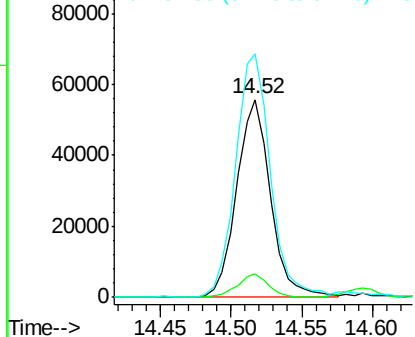
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.8	14.6
92	123.2	103.0	154.4

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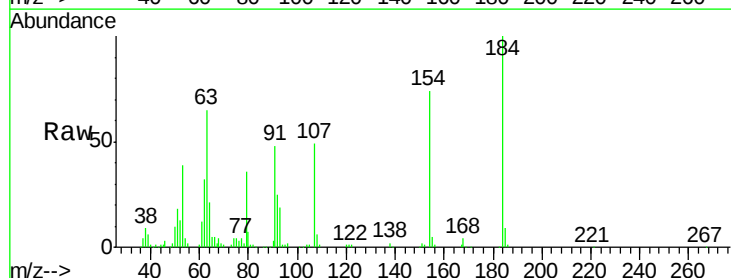


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

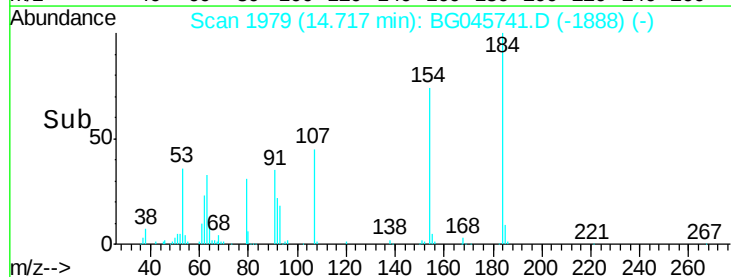
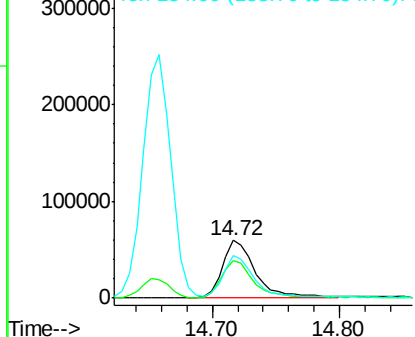


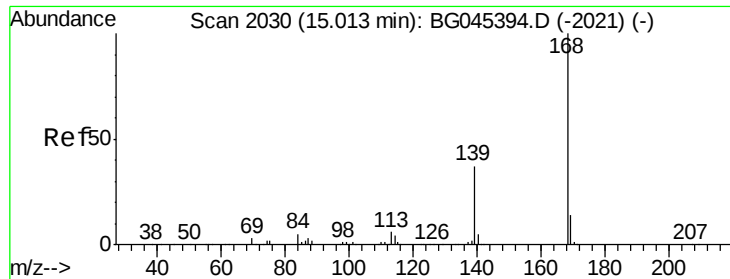
#54
2,4-Dinitrophenol
Concen: 64.470 ng
RT: 14.72 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.3	47.8	71.6
154	73.7	58.3	87.5



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





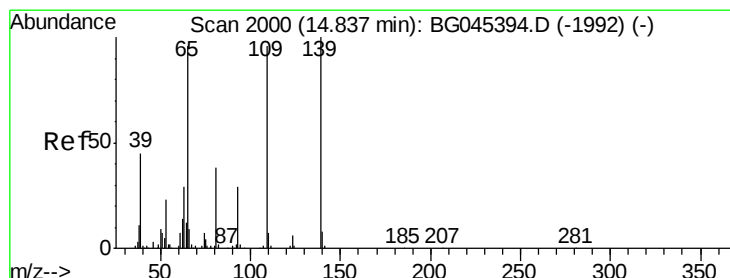
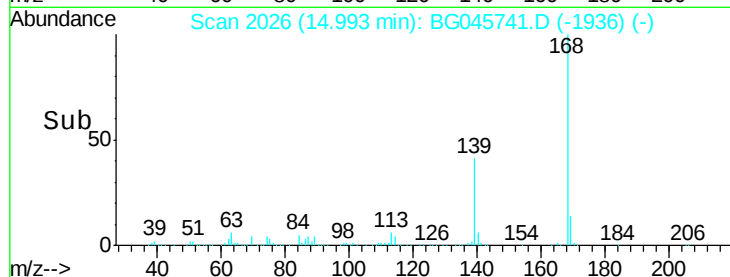
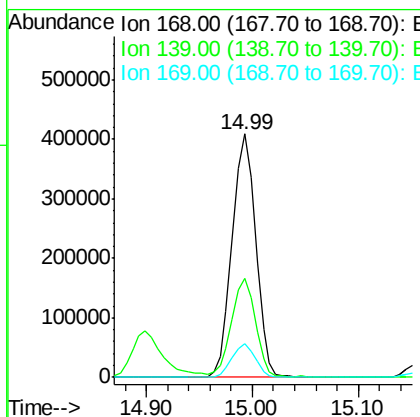
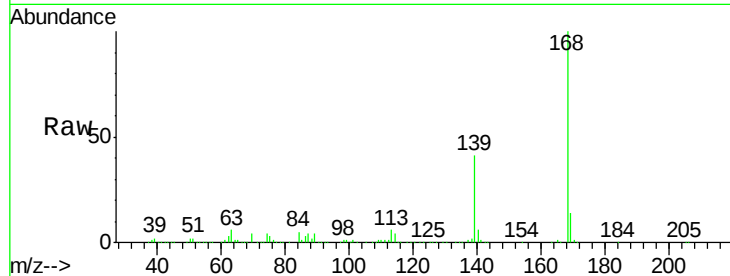
#55
Dibenzenofuran
Concen: 47.334 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampled :
PB129468BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	29.9	44.9
169	13.9	10.9	16.3

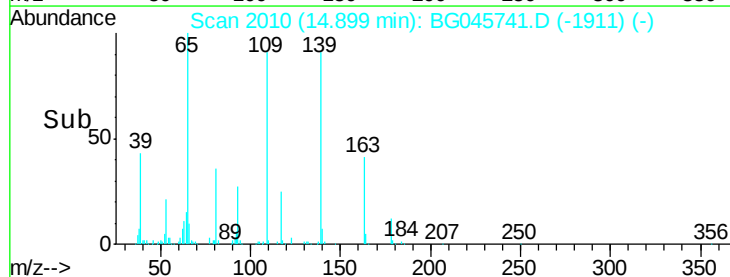
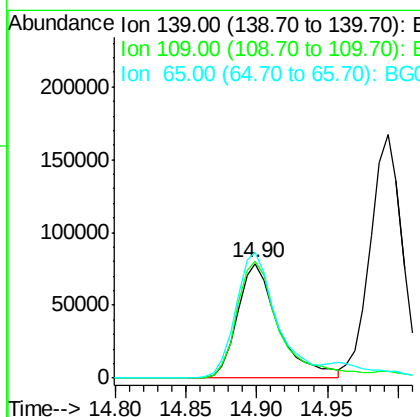
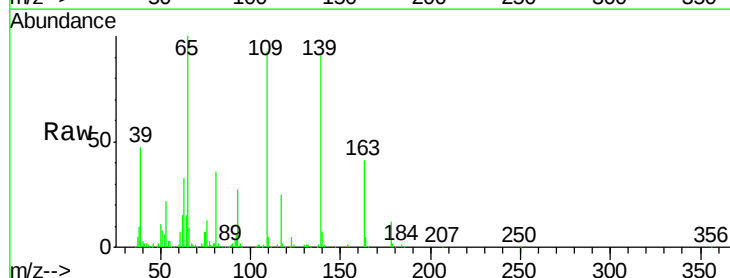
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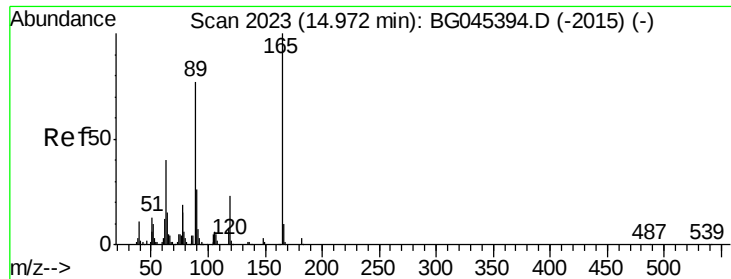
mohammad
6/15/2020 8:45:11 AM



#56
4-Nitrophenol
Concen: 79.591 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.05 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	102.2	75.6	115.6
65	110.3	76.8	116.8





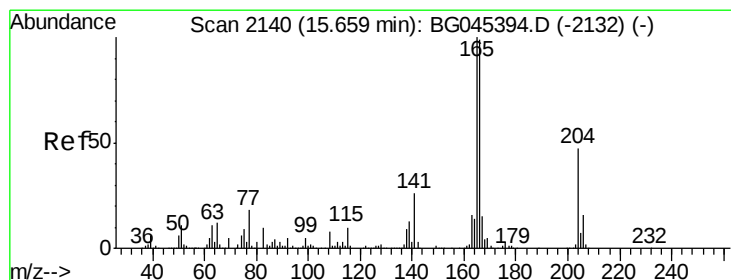
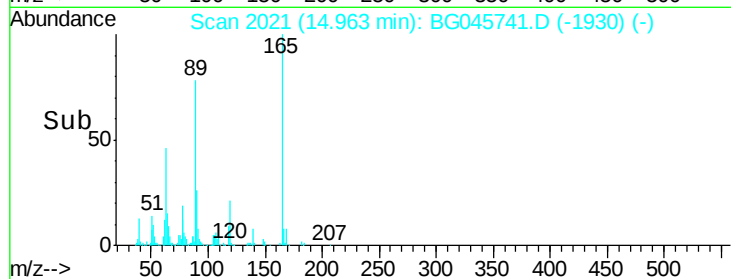
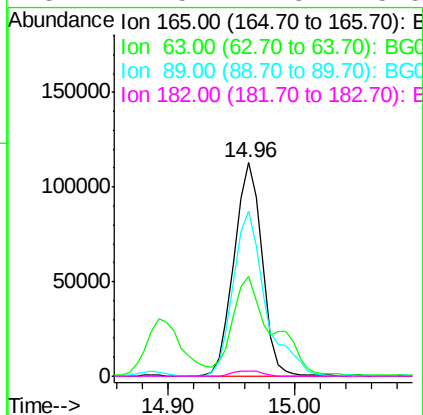
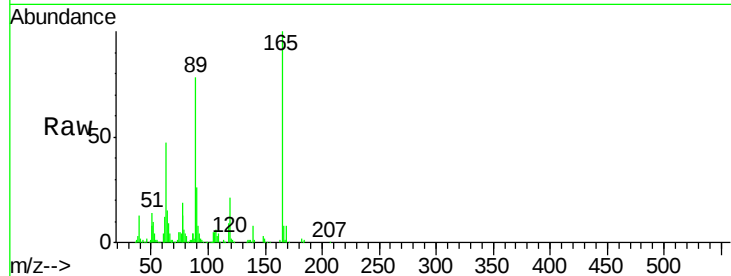
#57
2,4-Dinitrotoluene
Concen: 45.794 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.5	32.5	48.7
89	77.6	61.8	92.6
182	2.5	2.3	3.5

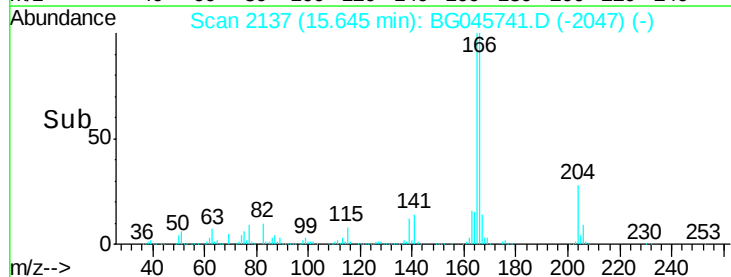
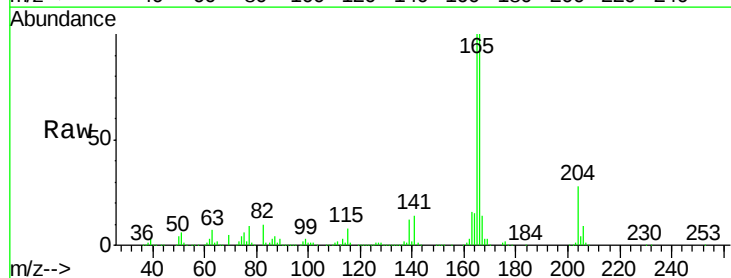
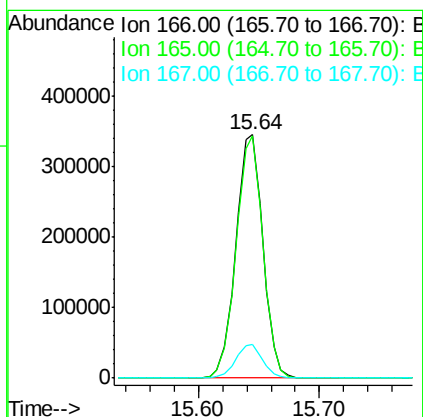
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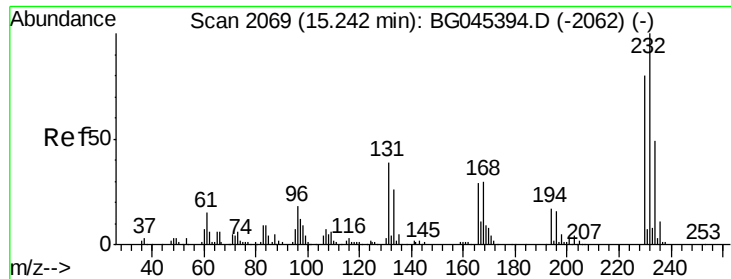
mohammad
6/15/2020 8:45:11 AM



#58
Fluorene
Concen: 48.841 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.8	121.2
167	14.1	12.0	18.0





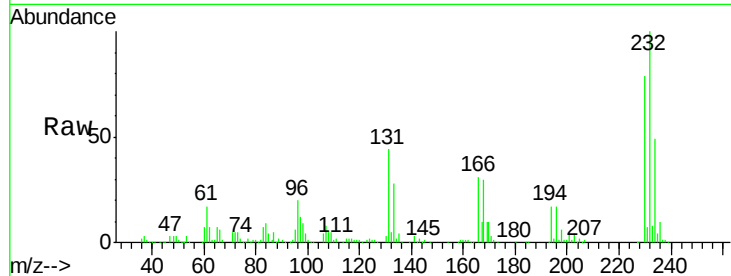
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.629 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. 0.00 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB129468BS

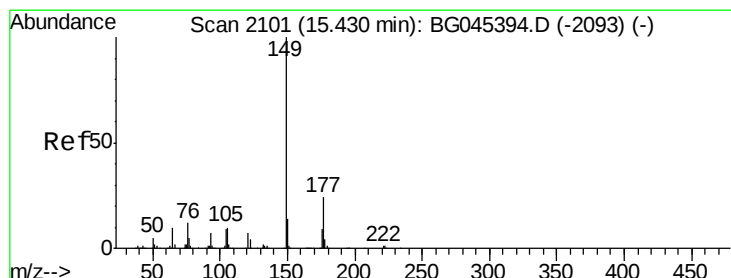
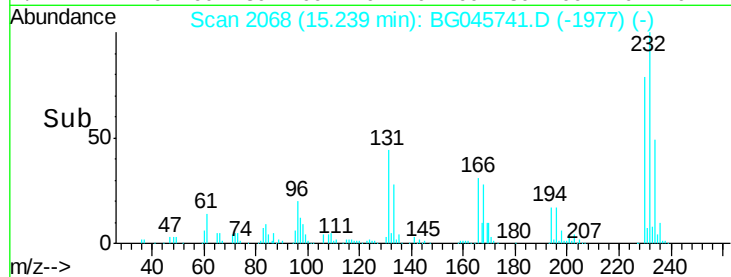
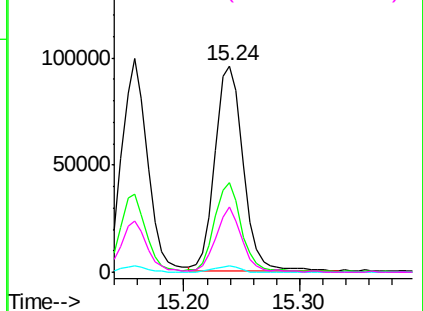
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.2	33.7	50.5
130	2.7	2.1	3.1
166	29.7	23.2	34.8

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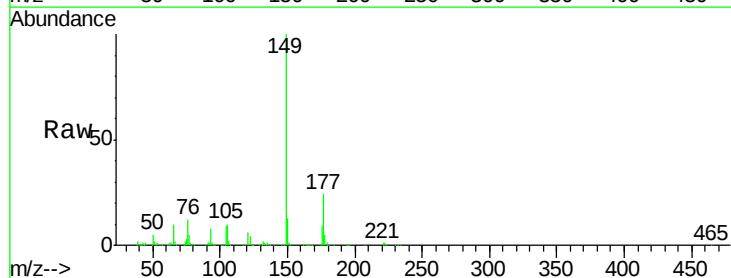


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

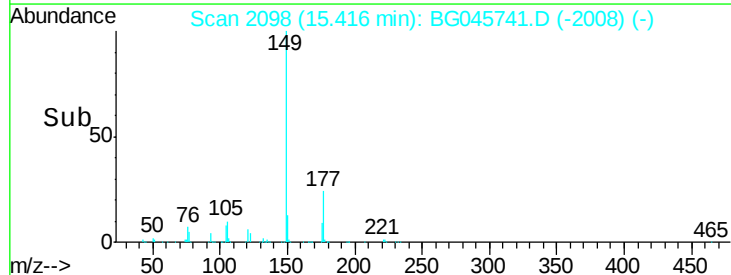
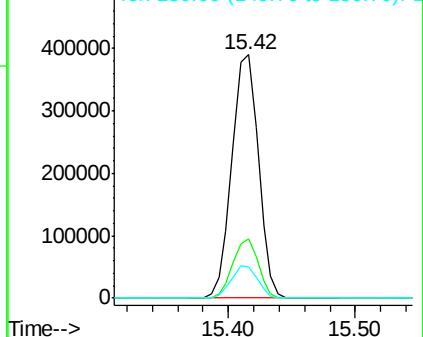


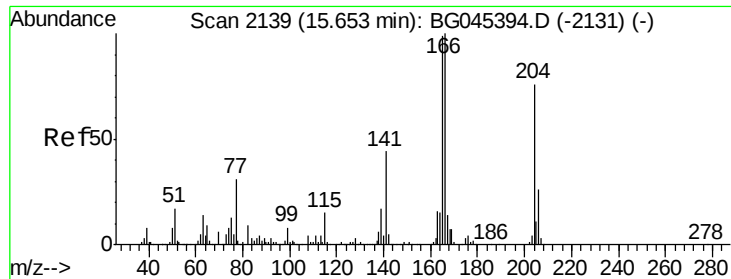
#60
 Diethylphthalate
 Concen: 46.897 ng
 RT: 15.42 min Scan# 2098
 Delta R.T. -0.00 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.0	28.4
150	13.0	11.4	17.0



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





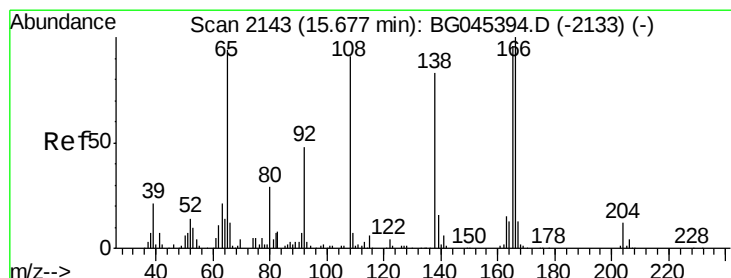
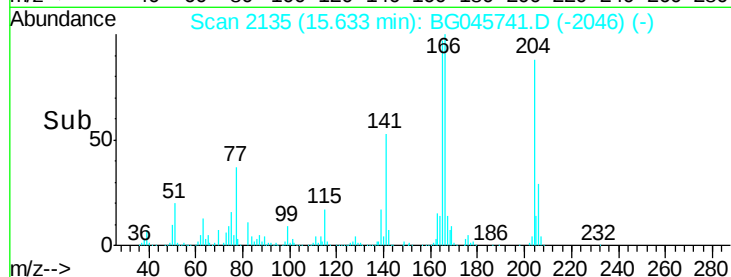
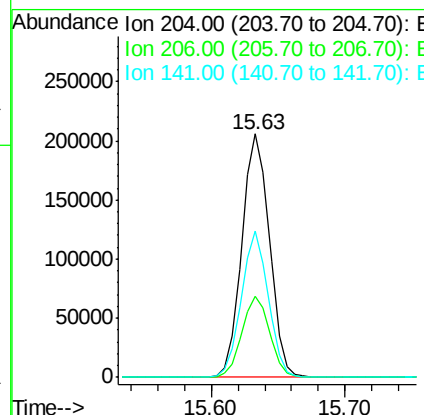
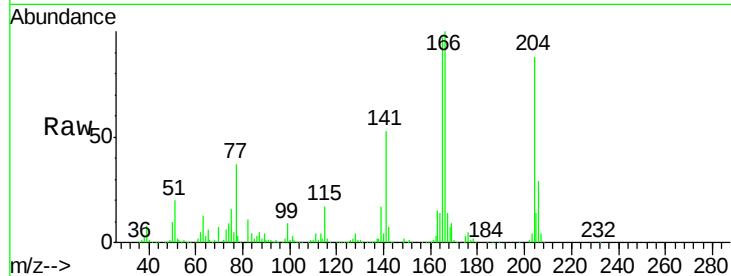
#61
4-Chlorophenyl-phenylether
Concen: 46.719 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampled :
PB129468BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	294462		
206	33.4	27.3	40.9	
141	59.9	45.9	68.9	

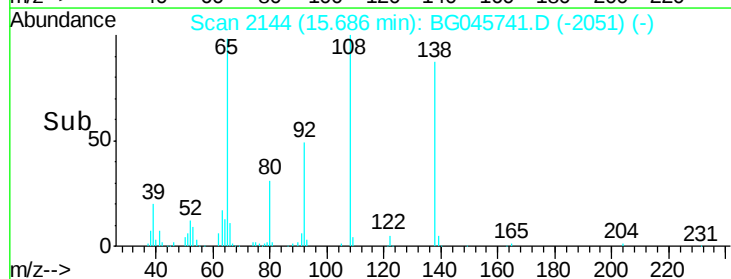
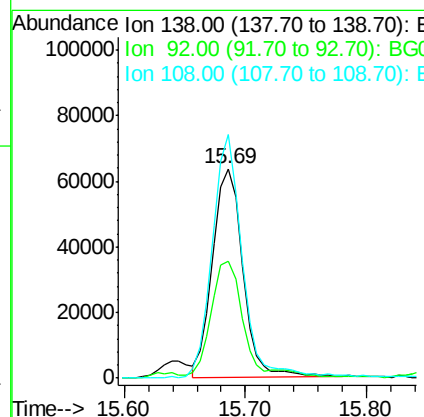
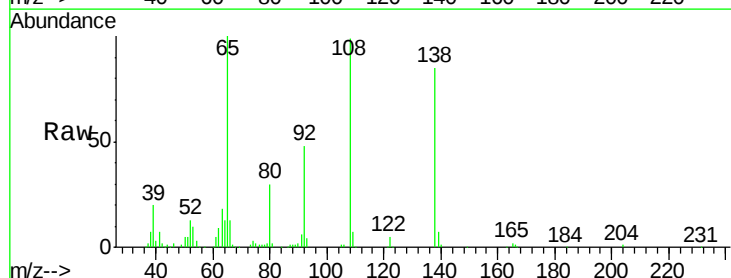
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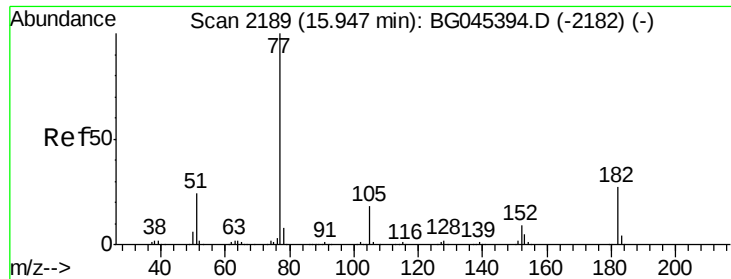
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#62
4-Nitroaniline
Concen: 39.737 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.02 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	109849		
92	55.9	38.0	78.0	
108	116.4	89.3	129.3	





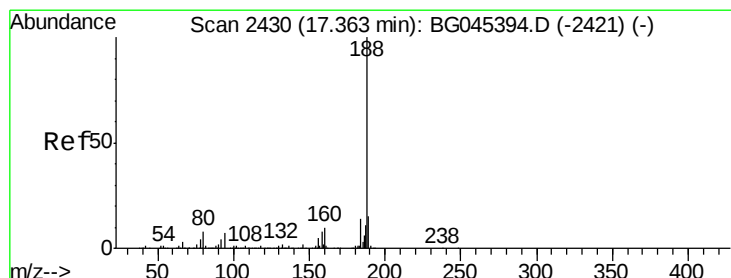
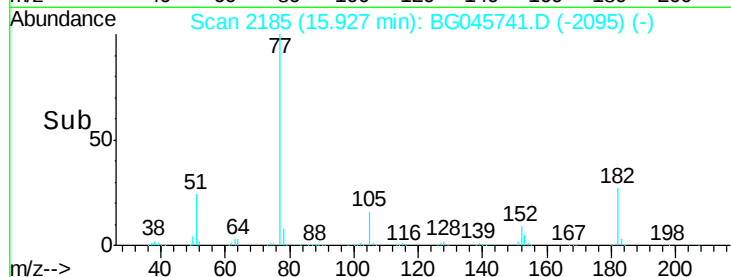
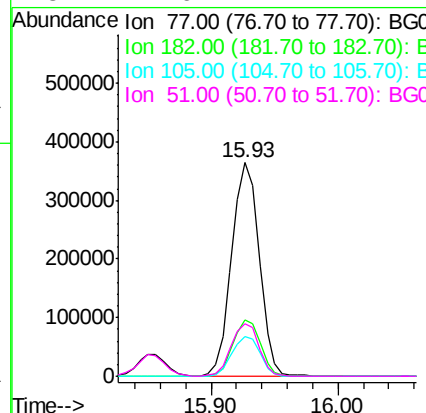
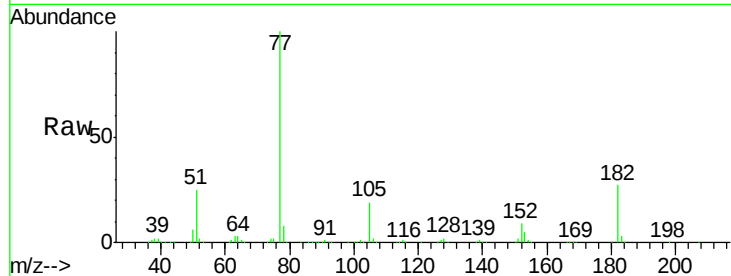
#63
Azobenzene
Concen: 48.542 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.5	6.5	46.5		
105	18.7	0.0	37.9		
51	24.6	4.1	44.1		

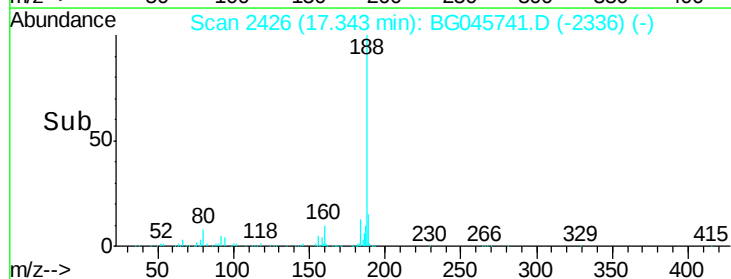
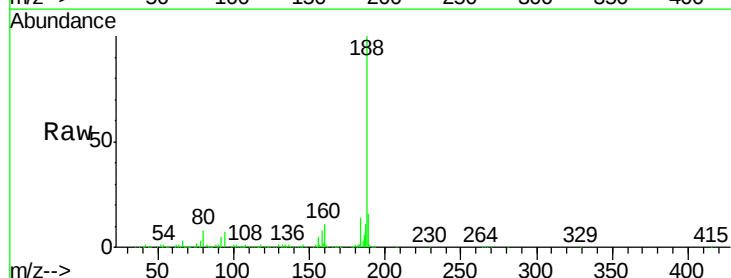
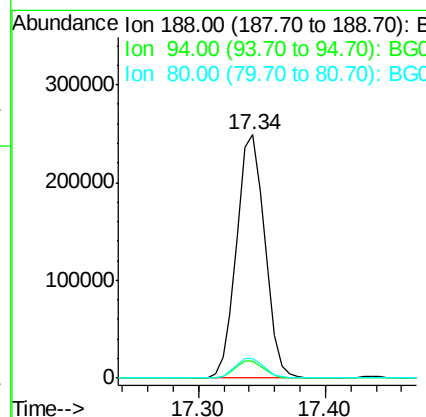
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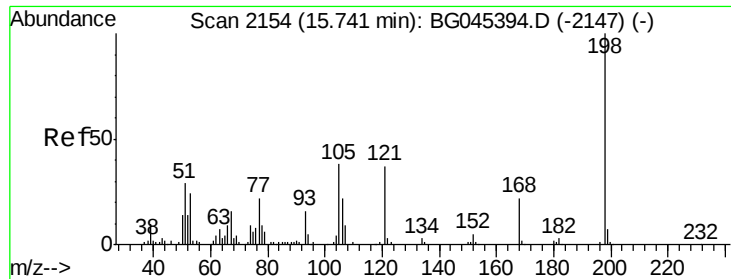
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.0	5.5	8.3		
80	7.8	6.6	10.0		





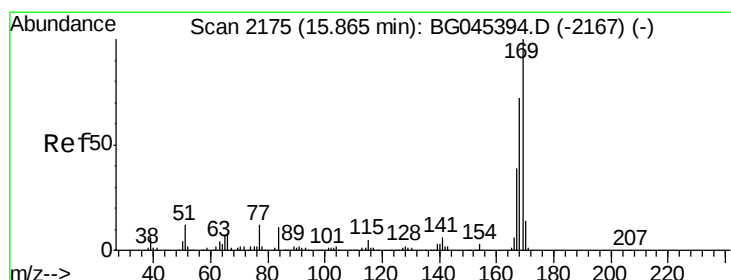
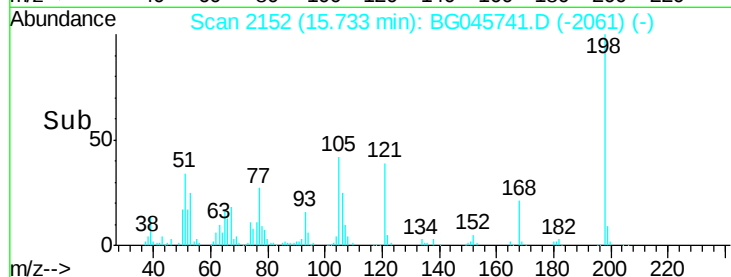
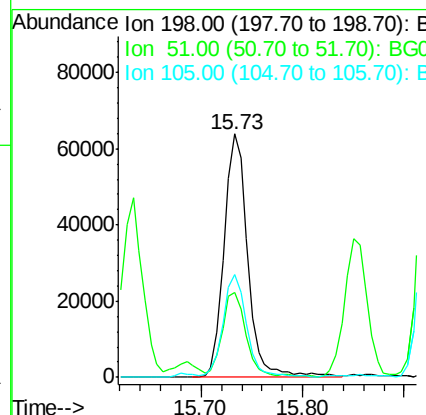
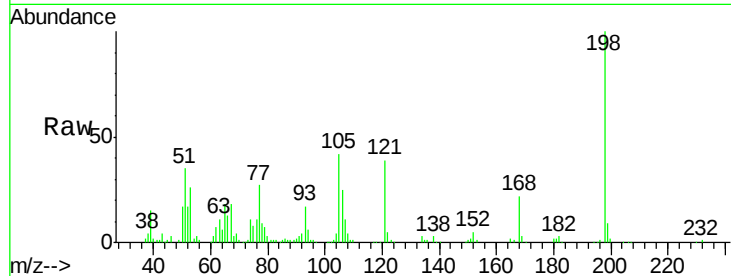
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.545 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB129468BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	103916		
51	34.6	10.0	50.0	
105	42.2	18.9	58.9	

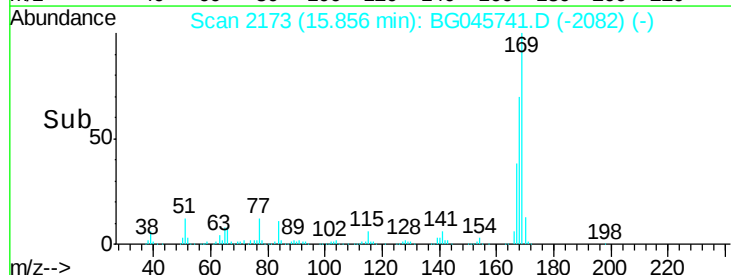
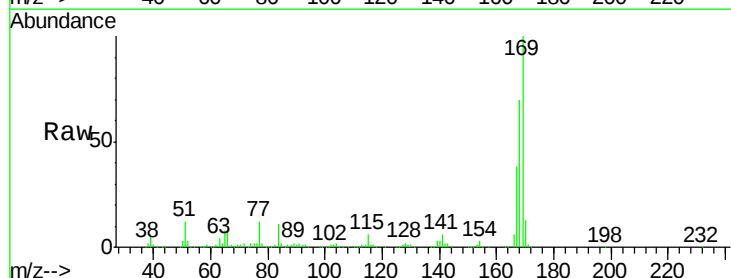
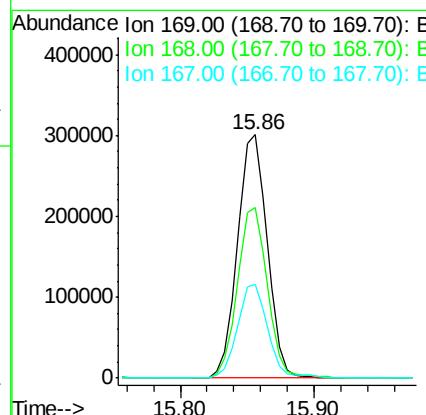
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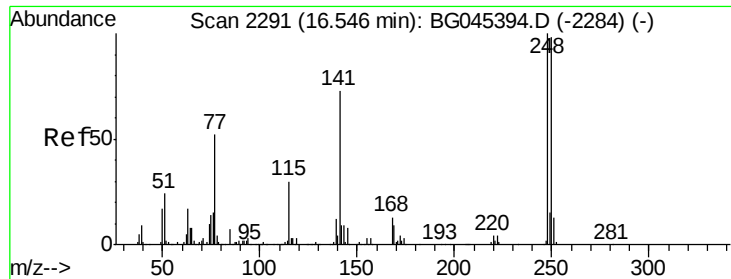
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#66
 n-Nitrosodiphenylamine
 Concen: 50.680 ng
 RT: 15.86 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	466456		
168	70.3	57.8	86.6	
167	38.5	31.5	47.3	





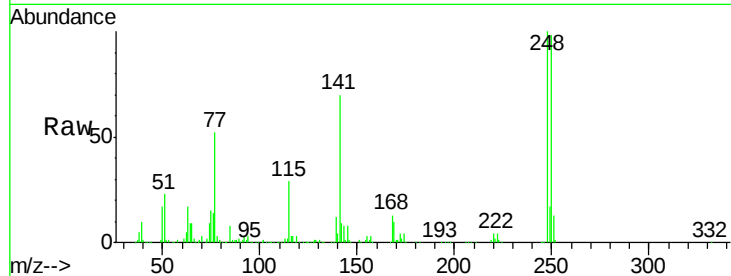
#67
4-Bromophenyl-phenylether
Concen: 48.664 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

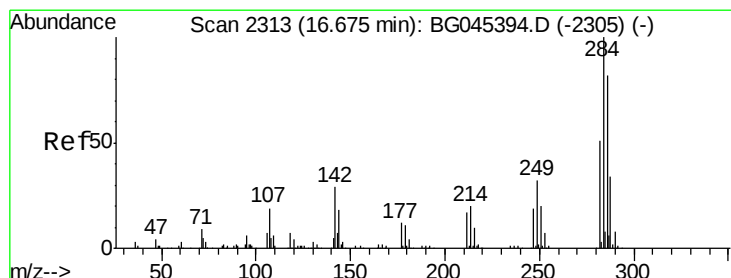
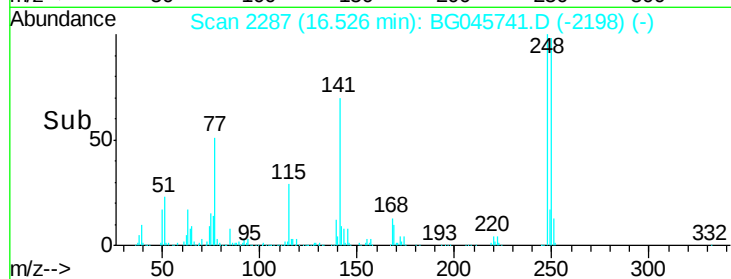
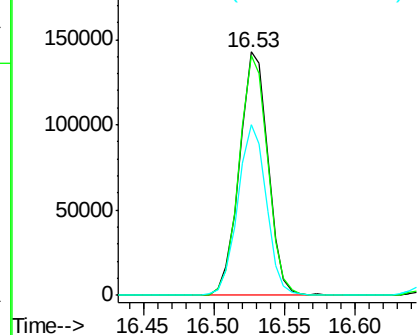
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.6	117.8
141	70.3	58.2	87.2

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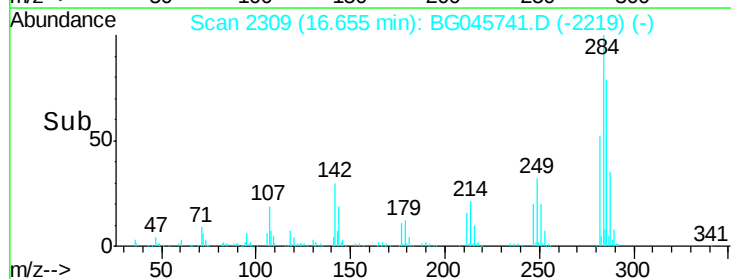
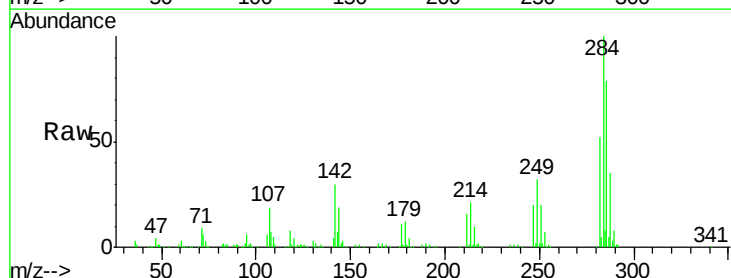
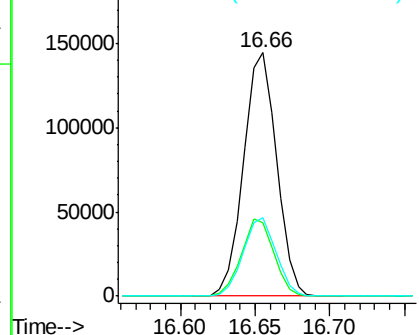
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

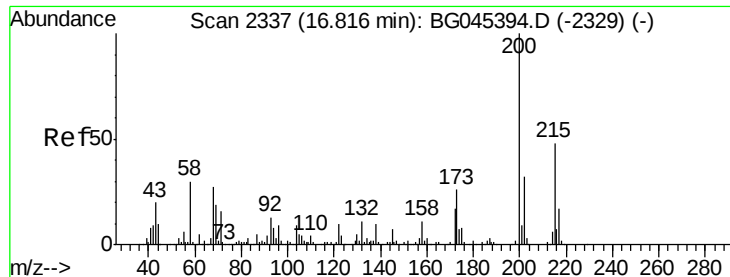


#68
Hexachlorobenzene
Concen: 51.012 ng
RT: 16.66 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.0	23.0	34.6
249	32.5	25.8	38.6

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





#69

Atrazine

Concen: 46.591 ng

RT: 16.81 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

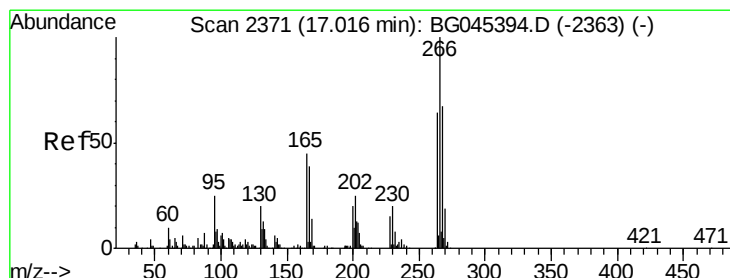
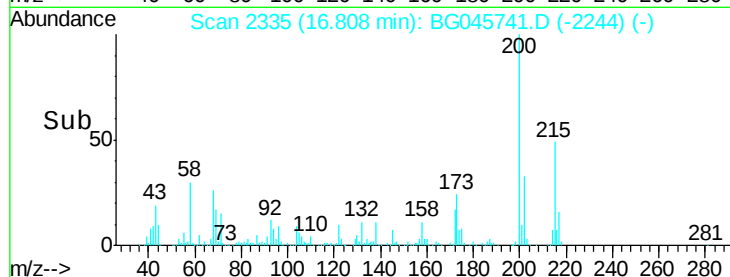
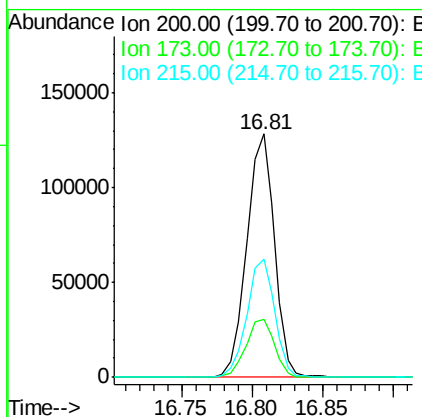
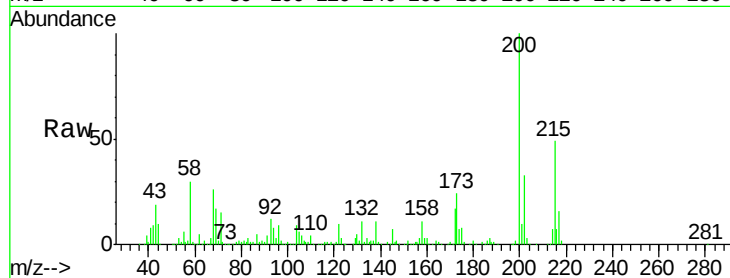
ClientSampleId :

PB129468BS

Tot Ion:	200	Resp:	176629
Ion Ratio	Lower	Upper	
200	100		
173	23.7	5.5	45.5
215	48.7	28.2	68.2

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#70

Pentachlorophenol

Concen: 93.326 ng

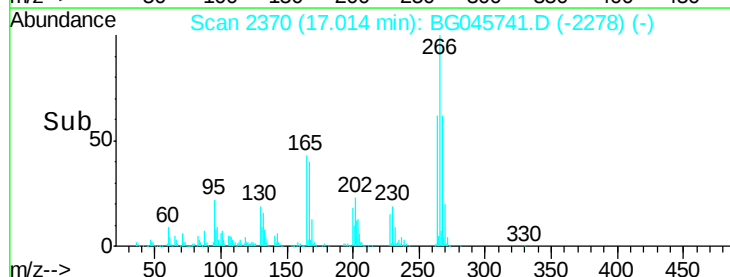
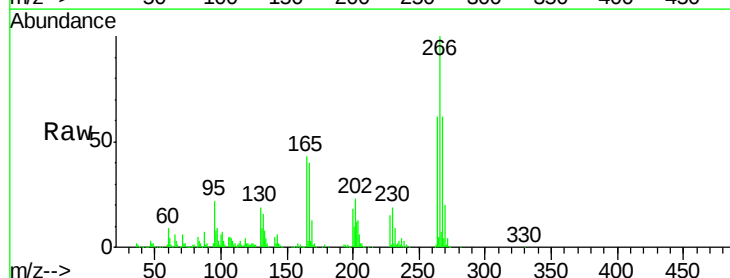
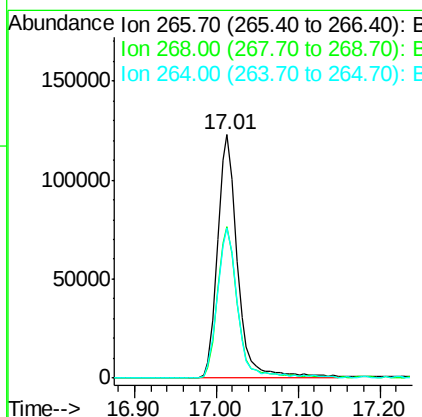
RT: 17.01 min Scan# 2370

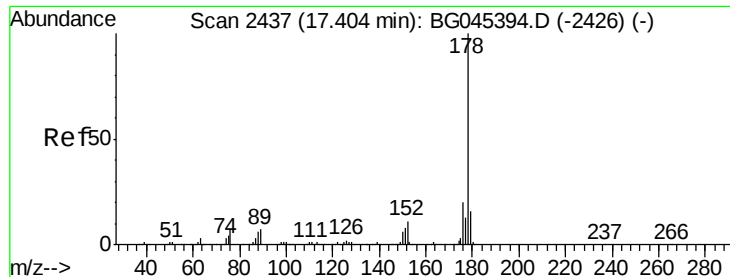
Delta R.T. 0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Tgt Ion:	266	Resp:	210387
Ion Ratio	Lower	Upper	
266	100		
268	62.1	53.2	79.8
264	61.7	51.0	76.4





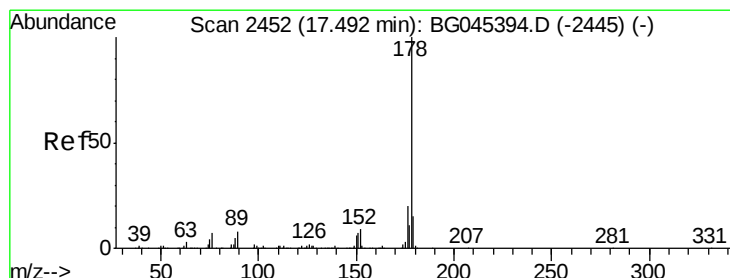
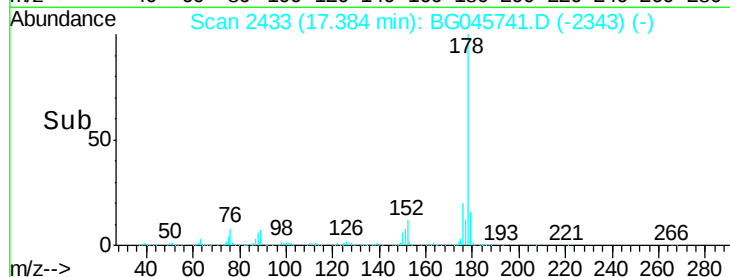
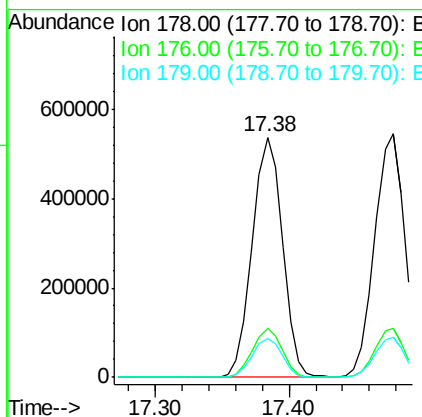
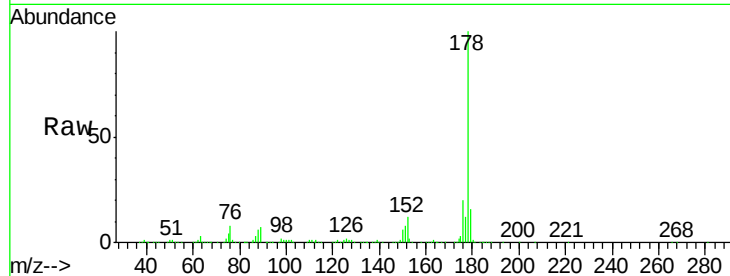
#71
Phenanthrene
Concen: 50.166 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

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

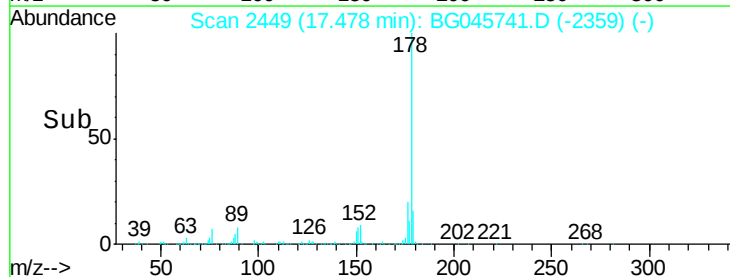
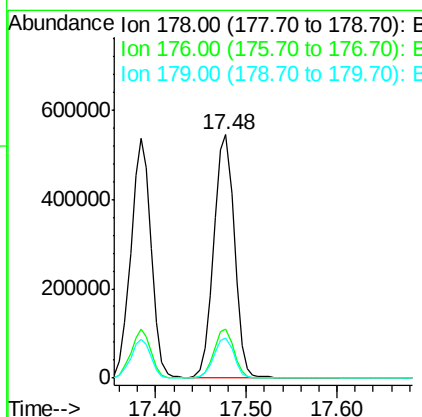
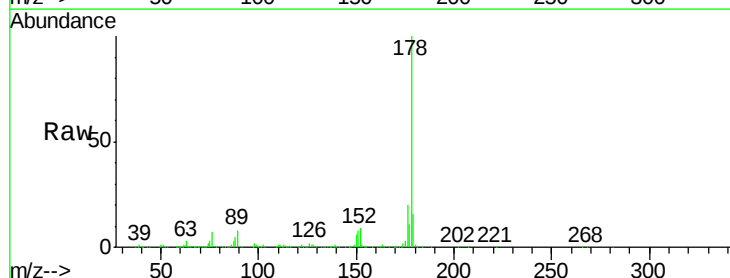
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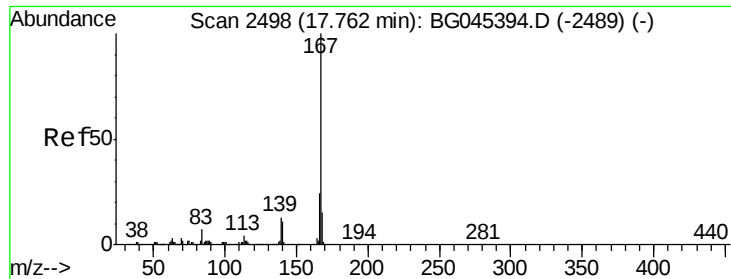
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#72
Anthracene
Concen: 50.911 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.6
179	16.4	12.2	18.4





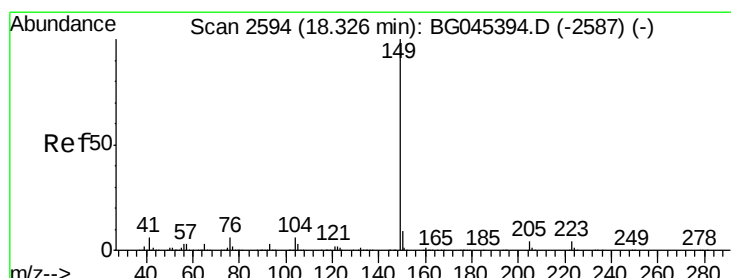
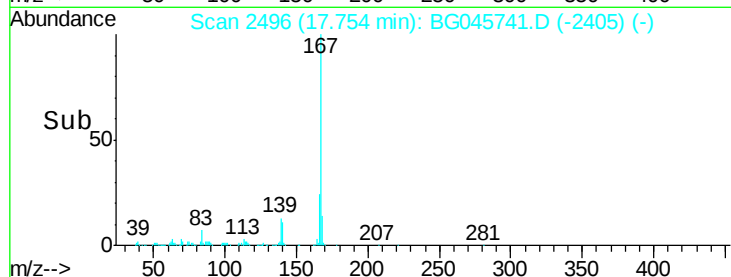
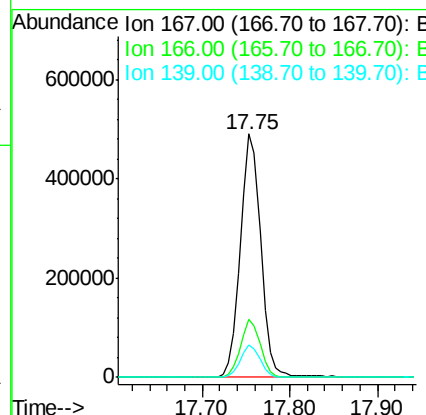
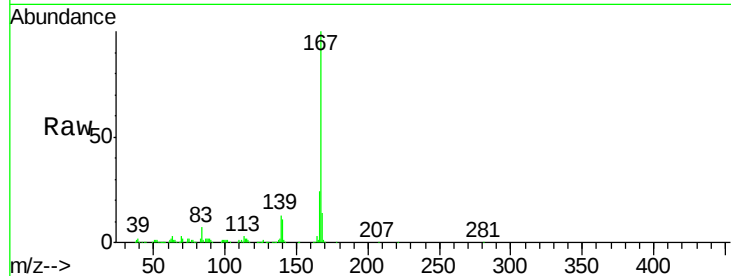
#73
 Carbazole
 Concen: 47.170 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB129468BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.2	28.8
139	13.2	10.6	16.0

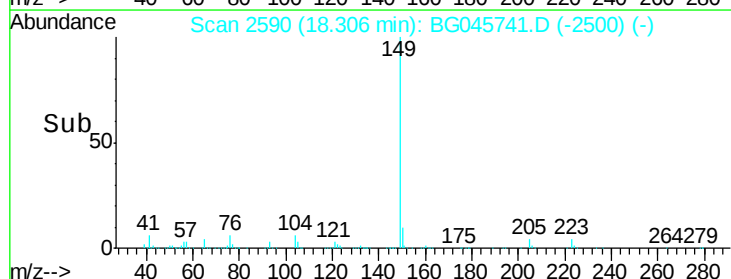
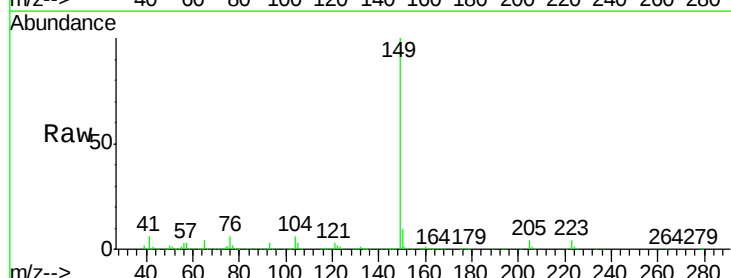
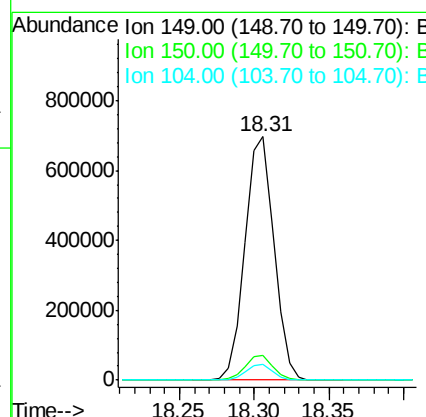
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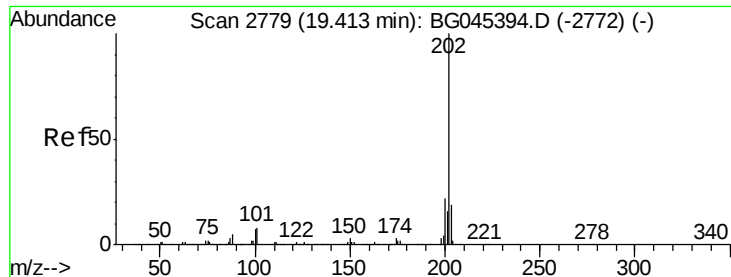
mohammad
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#74
 Di-n-butylphthalate
 Concen: 47.656 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.00 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.6	11.4
104	6.3	5.0	7.4





#75

Fluoranthene

Concen: 47.706 ng

RT: 19.39 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

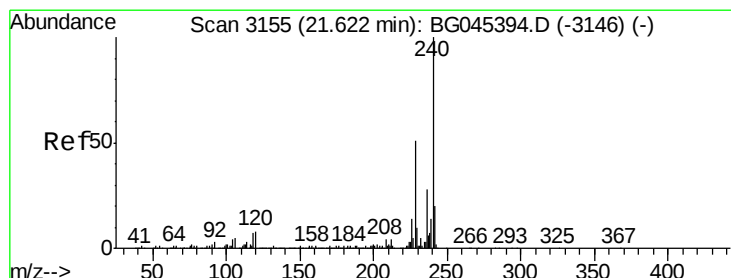
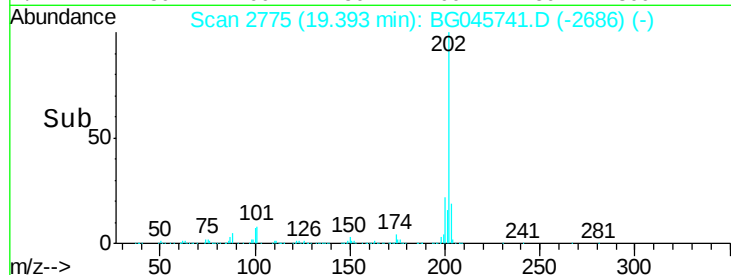
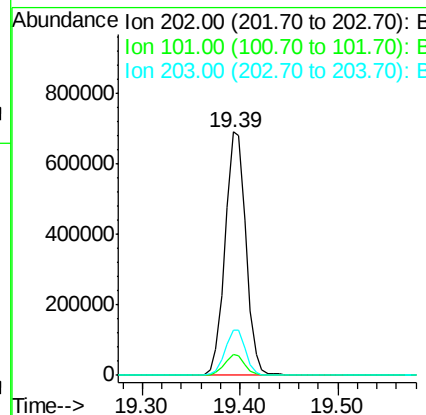
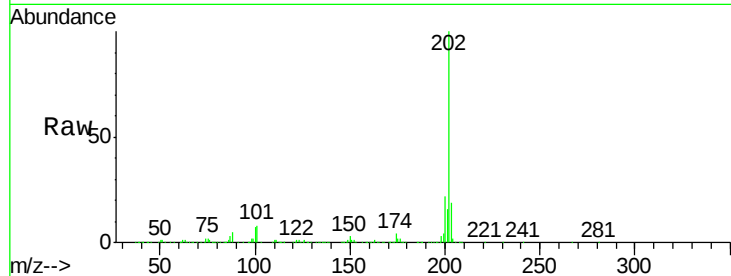
ClientSampleId :

PB129468BS

Tot Ion:	202	Resp:	1015461
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	28.3
203	18.8	0.0	39.0

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#76

Chrysene-d12

Concen: 20.000 ng

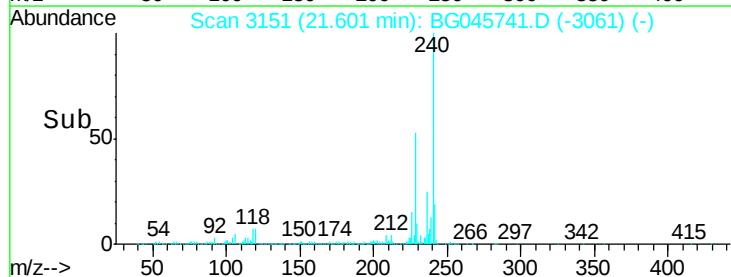
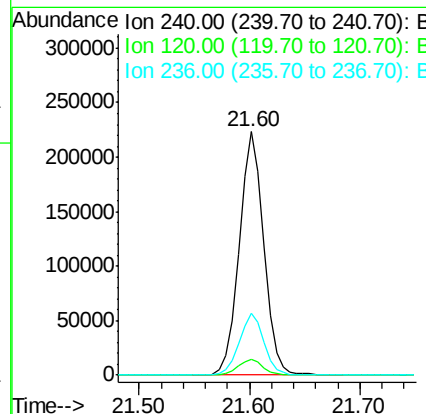
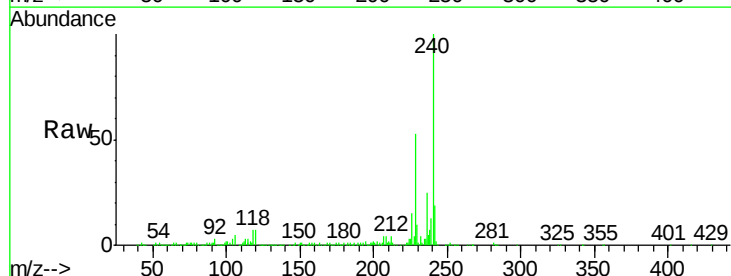
RT: 21.60 min Scan# 3151

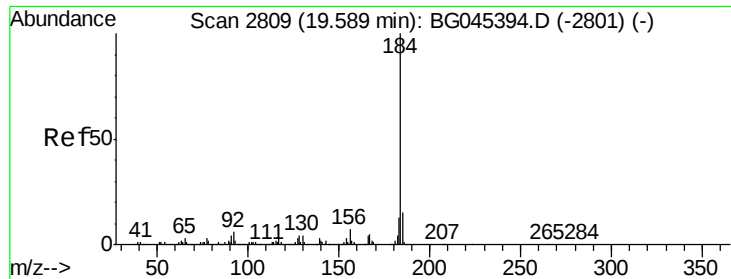
Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Tgt Ion:	240	Resp:	347439
Ion Ratio	Lower	Upper	
240	100		
120	6.7	6.1	9.1
236	25.2	22.3	33.5





#77

Benzidine

Concen: 42.905 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

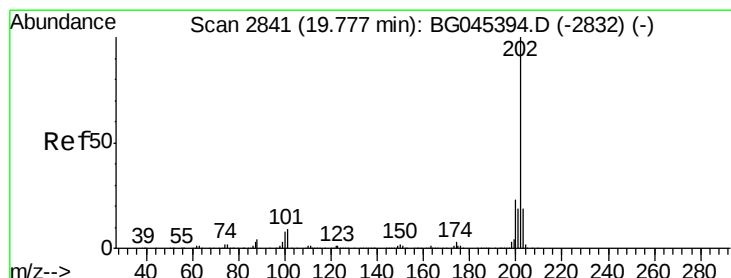
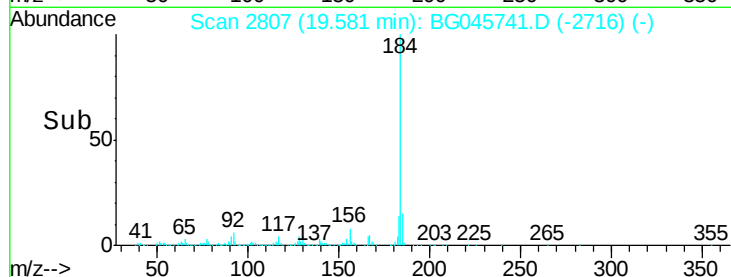
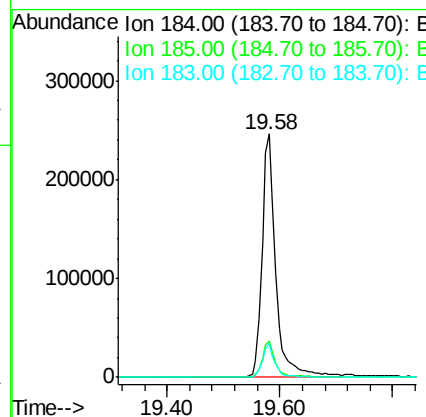
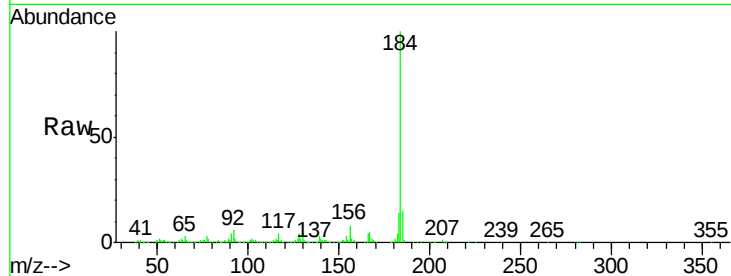
ClientSampleId :

PB129468BS

Tot Ion:	184	Resp:	418666
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.7	17.5
183	13.6	10.2	15.4

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#78

Pyrene

Concen: 50.123 ng

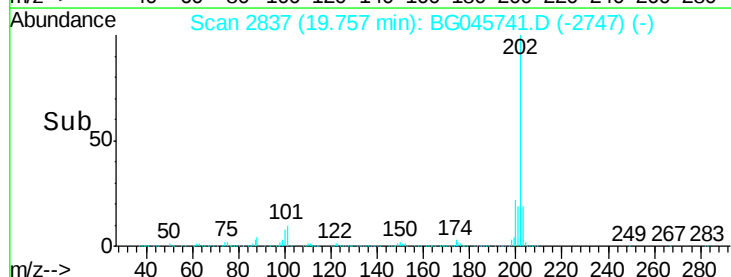
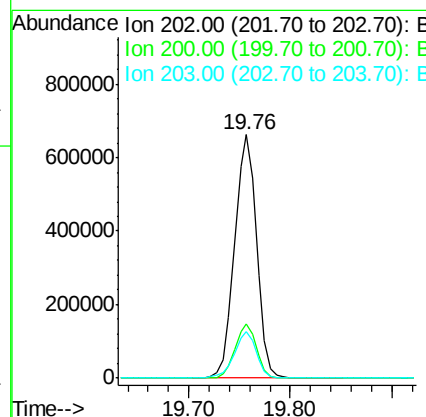
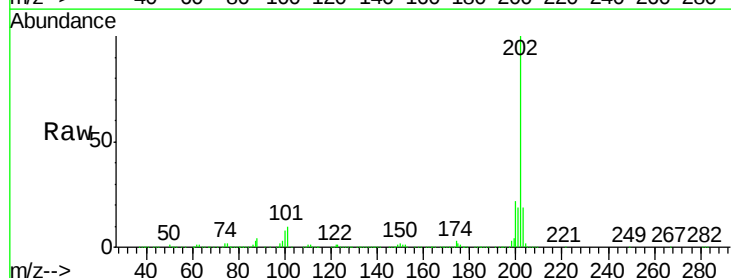
RT: 19.76 min Scan# 2837

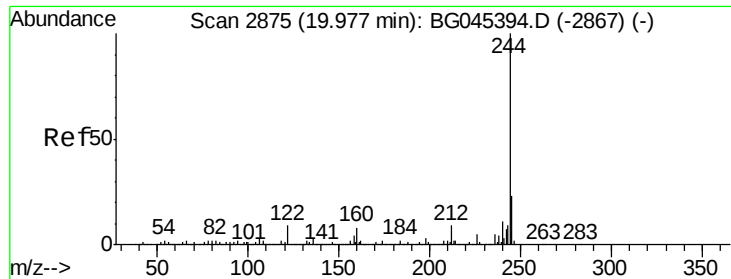
Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Tgt Ion:	202	Resp:	992718
Ion Ratio	Lower	Upper	
202	100		
200	22.2	18.2	27.2
203	18.9	15.1	22.7





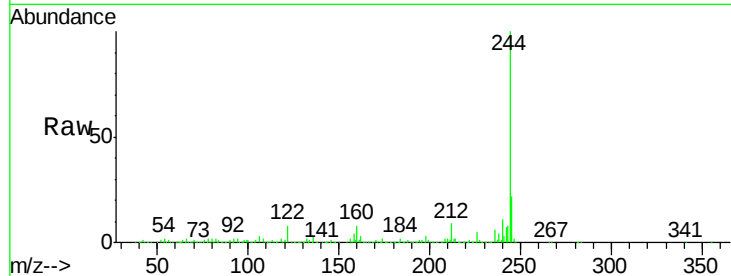
#79
 Terphenyl-d14
 Concen: 100.924 ng
 RT: 19.96 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB129468BS

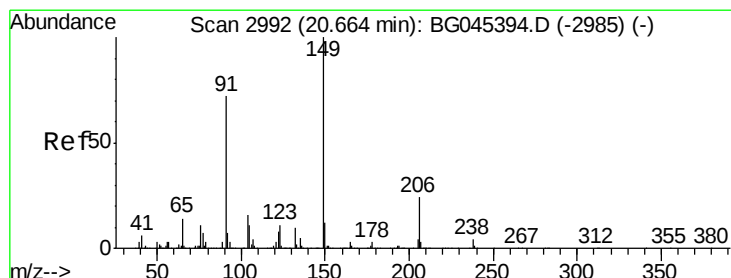
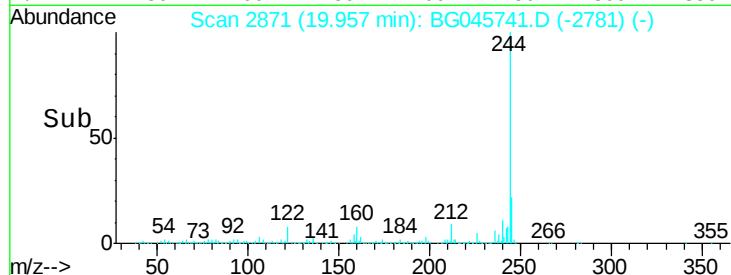
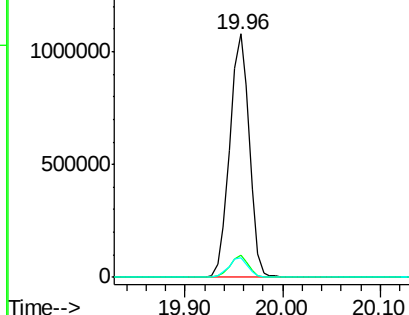
Tot Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.4	11.0
122	8.1	6.8	10.2

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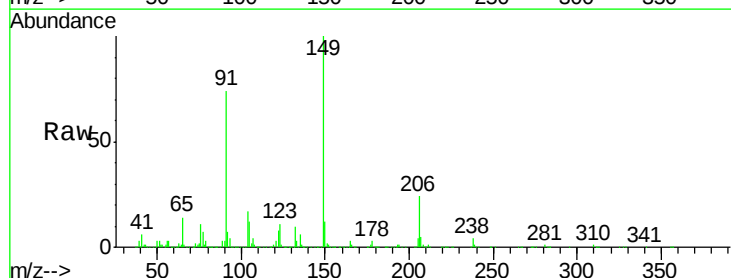


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

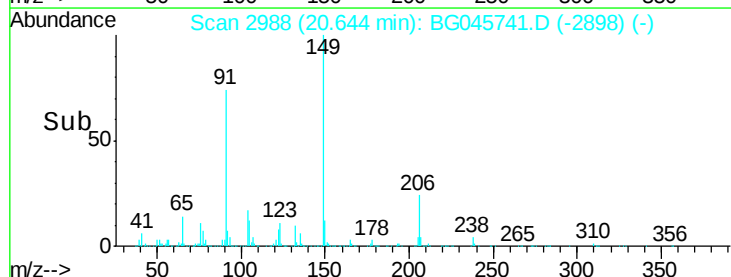
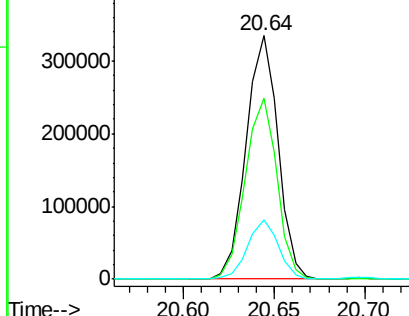


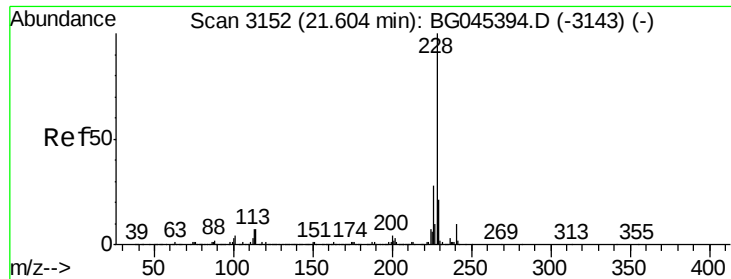
#80
 Butylbenzylphthalate
 Concen: 47.905 ng
 RT: 20.64 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: BG045741.D
 Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.4	57.8	86.6
206	24.1	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





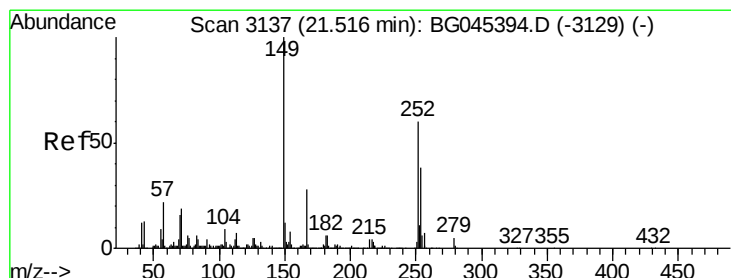
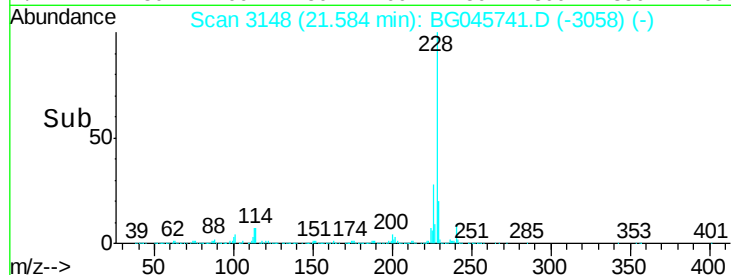
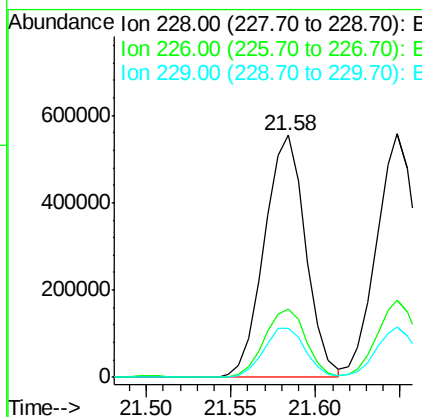
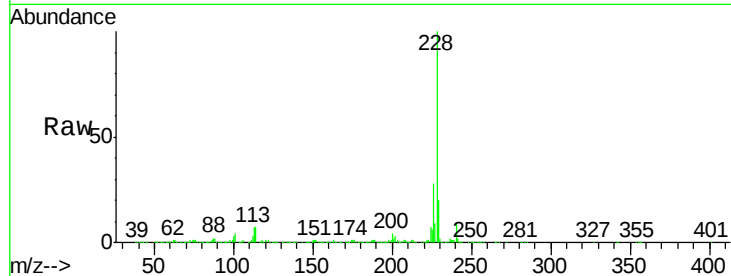
#81
Benzo(a)anthracene
Concen: 48.570 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.7	34.1
229	20.5	16.7	25.1

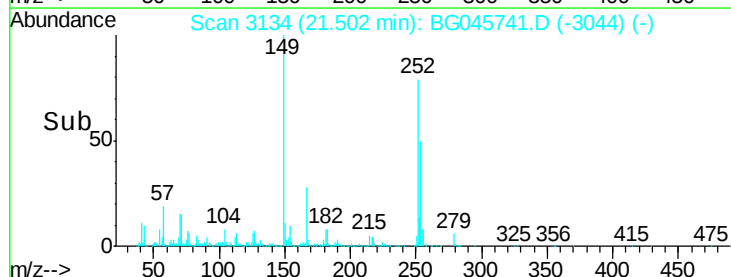
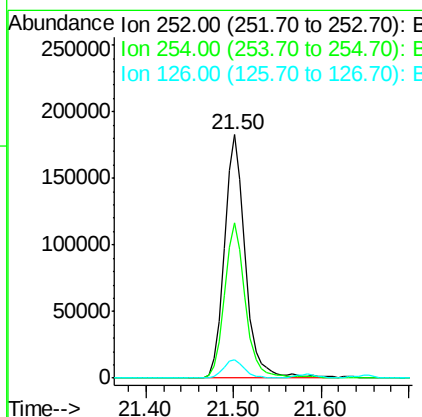
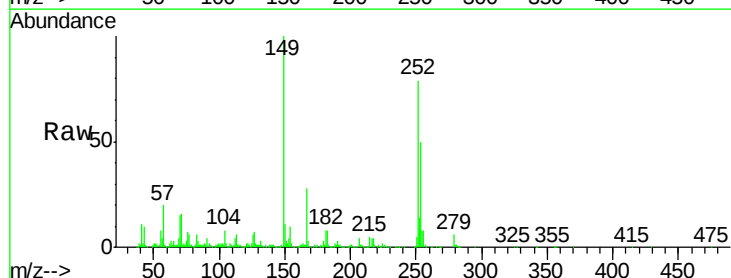
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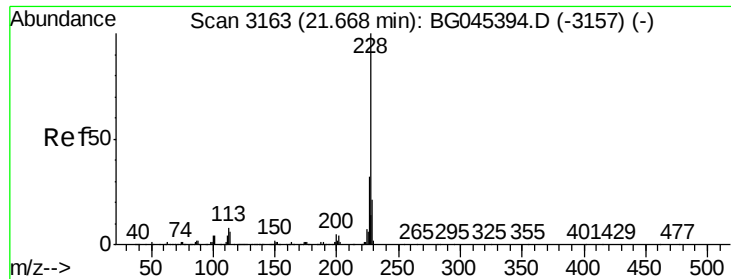
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 39.679 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.3	76.9
126	7.4	6.6	10.0





#83

Chrvsene

Concen: 49.736 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Instrument :

BNA_G

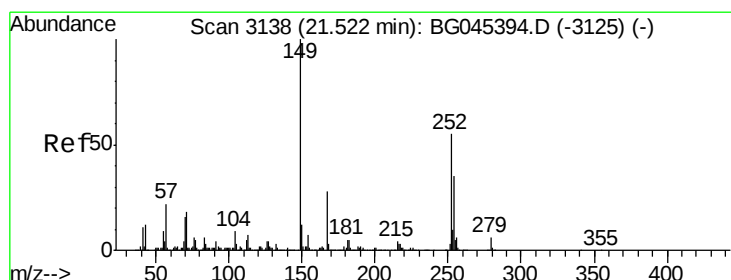
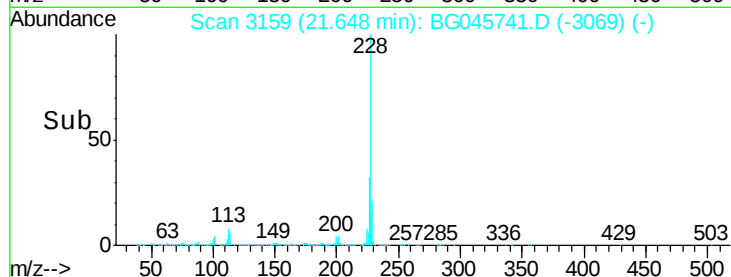
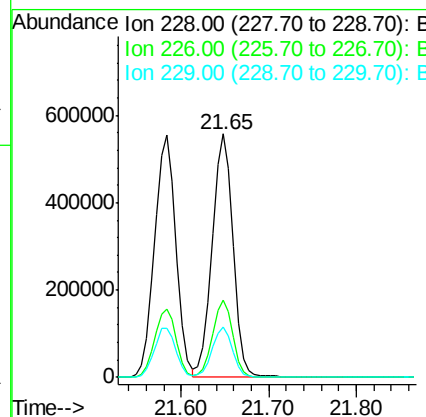
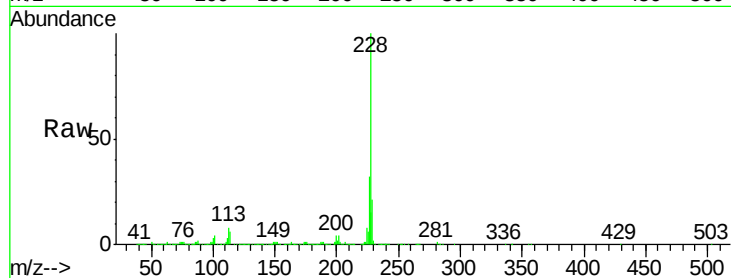
ClientSampleId :

PB129468BS

Tot Ion:	228	Resp:	925595
Ion Ratio	Lower	Upper	
228	100		
226	31.7	25.2	37.8
229	20.9	16.7	25.1

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#84

Bis(2-ethylhexyl)phthalate

Concen: 48.744 ng

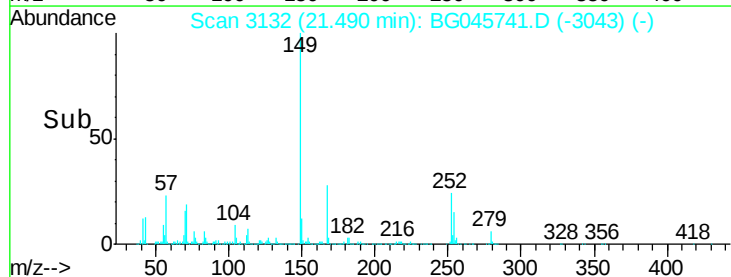
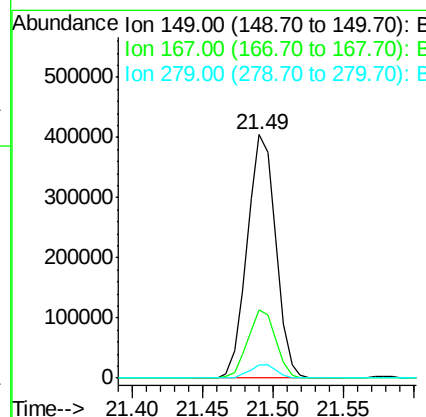
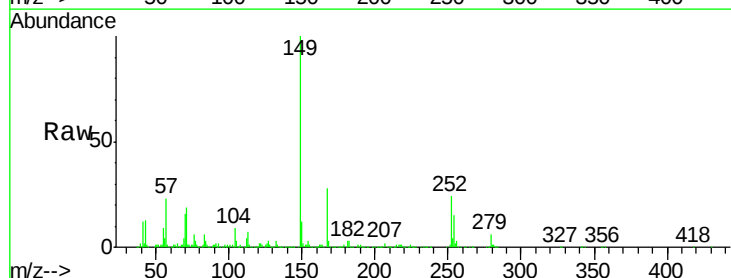
RT: 21.49 min Scan# 3132

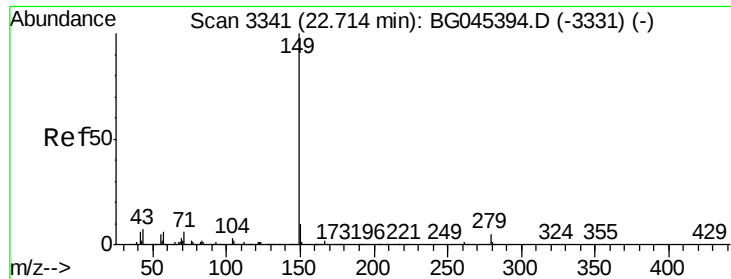
Delta R.T. -0.01 min

Lab File: BG045741.D

Acq: 12 Jun 2020 15:19

Tgt Ion:	149	Resp:	572803
Ion Ratio	Lower	Upper	
149	100		
167	27.9	22.2	33.2
279	5.5	4.7	7.1





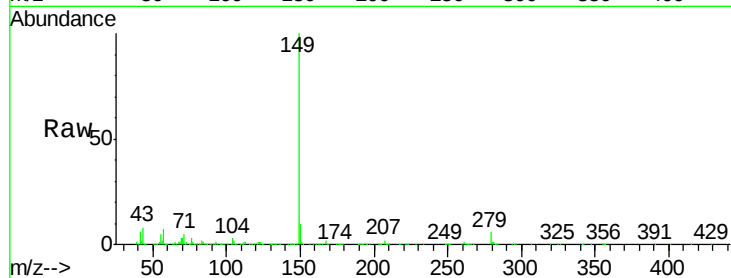
#85
Di-n-octyl phthalate
Concen: 47.216 ng
RT: 22.68 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

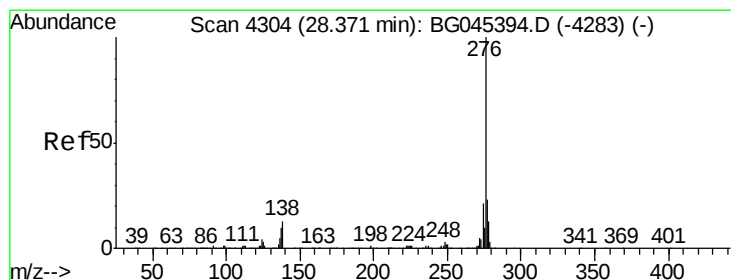
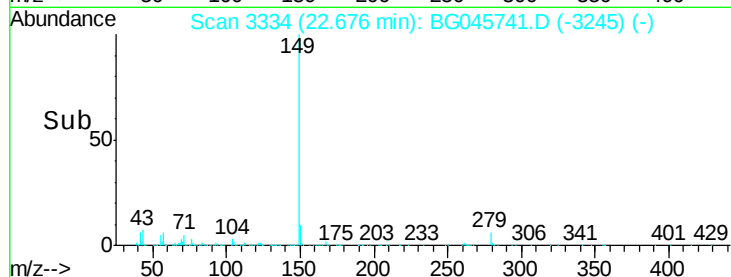
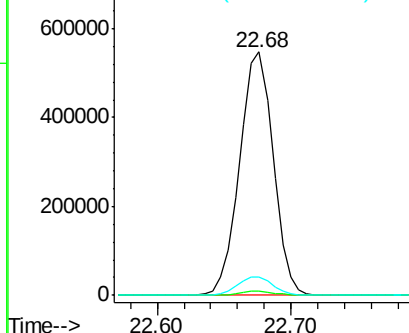
Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.8	1.4	2.0
43	7.8	5.8	8.8

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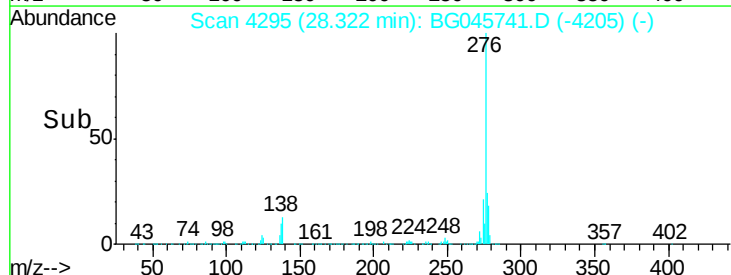
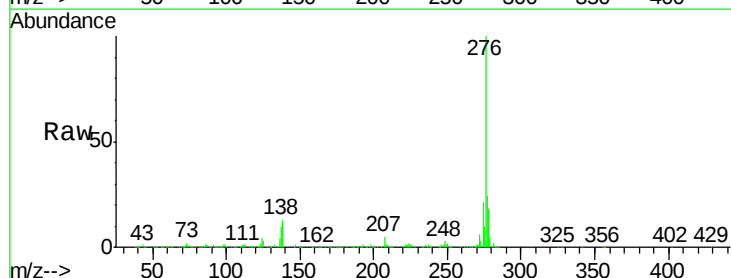
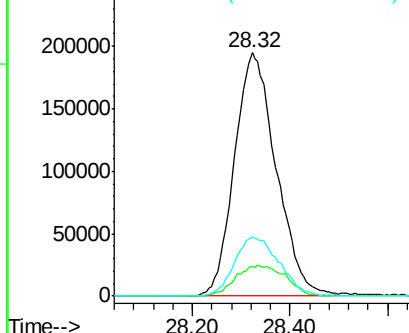
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

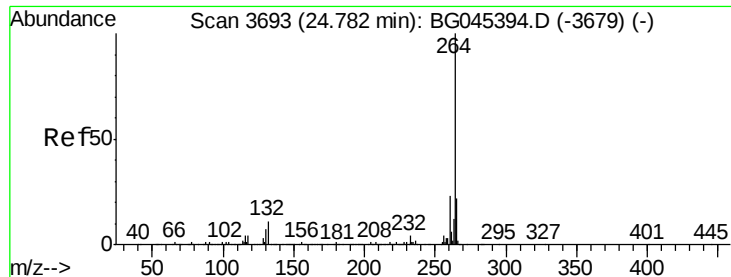


#86
Indeno(1,2,3-cd)pyrene
Concen: 47.481 ng
RT: 28.32 min Scan# 4295
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	15.1	8.6	12.8#
277	25.7	20.2	30.4

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





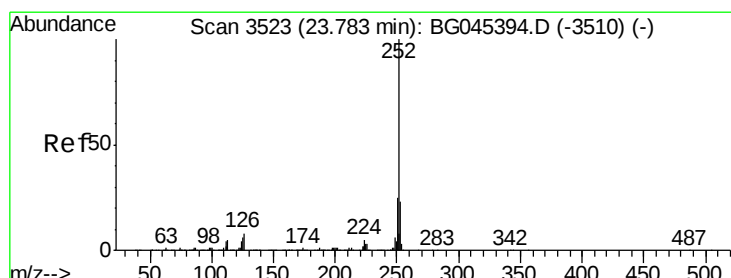
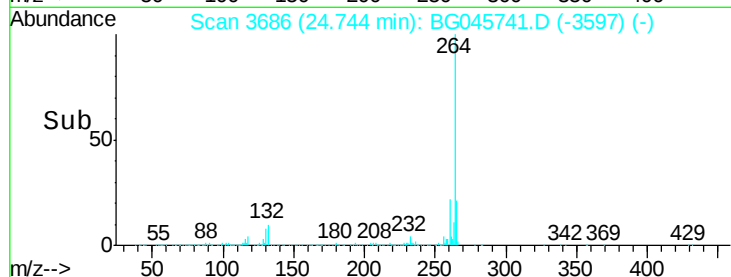
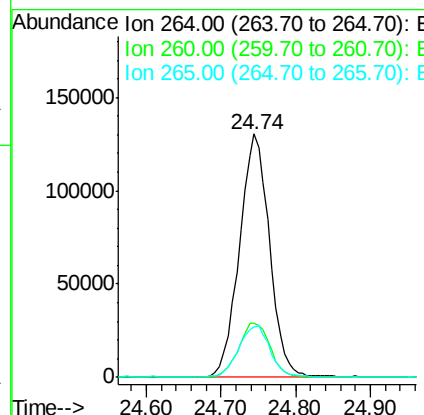
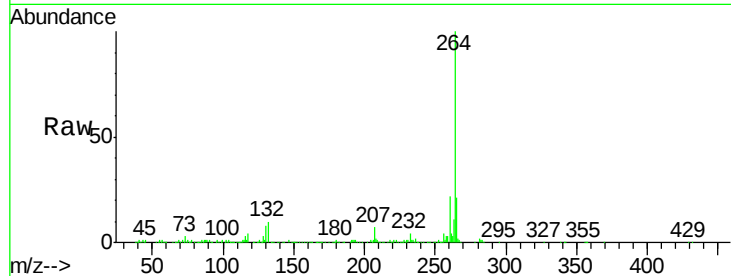
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.74 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.2	27.4
265	20.9	17.6	26.4

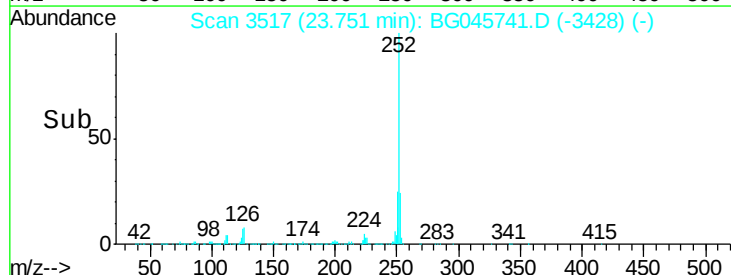
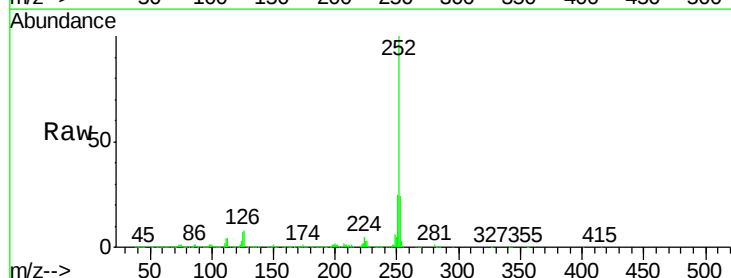
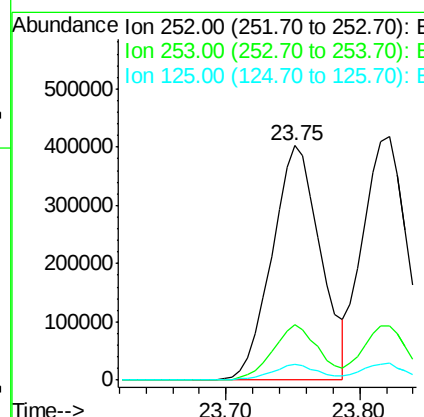
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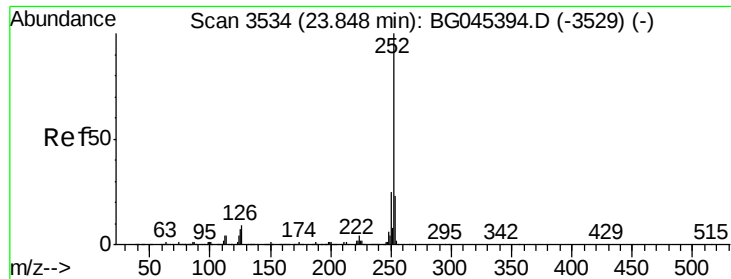
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#88
Benzo(b)fluoranthene
Concen: 51.914 ng
RT: 23.75 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	6.7	5.0	7.6





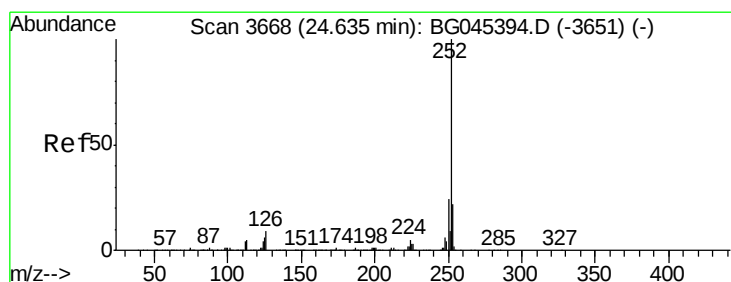
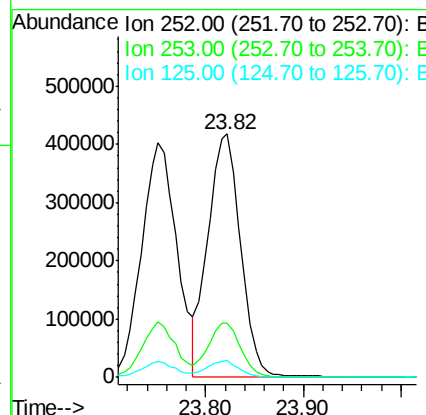
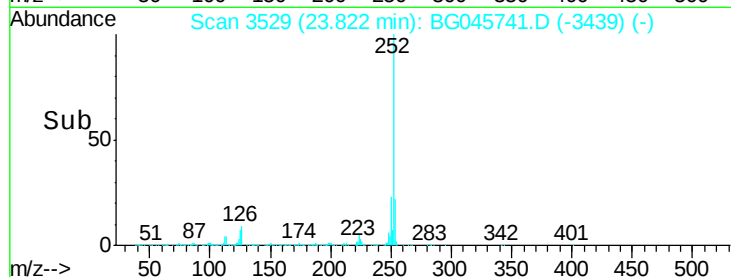
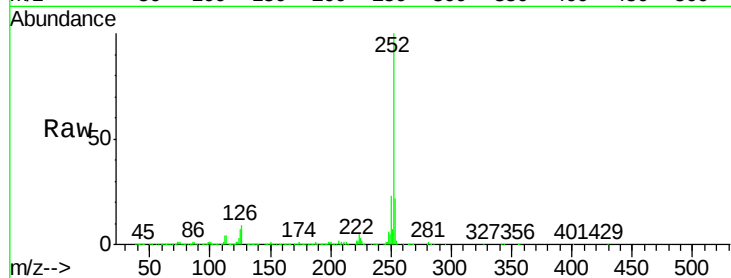
#89
Benzo(k)fluoranthene
Concen: 52.419 ng
RT: 23.82 min Scan# 3529
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	6.8	5.7	8.5

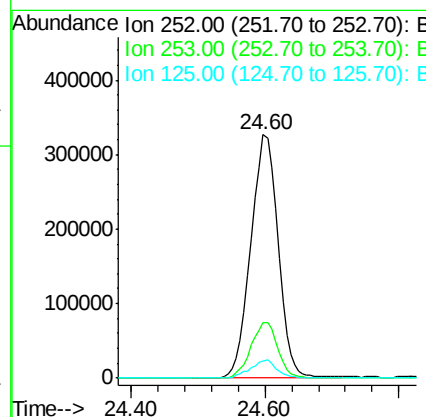
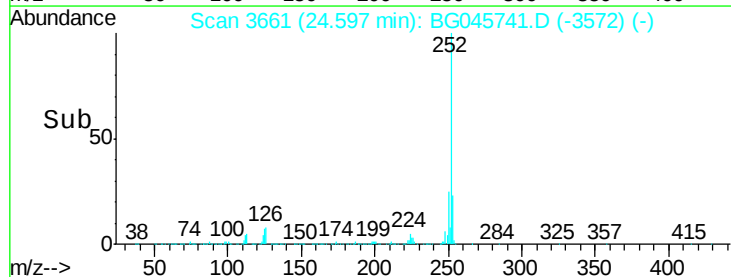
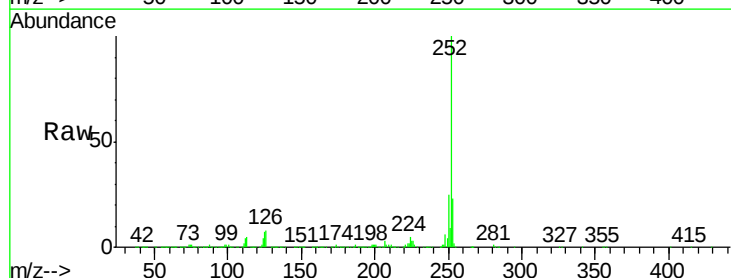
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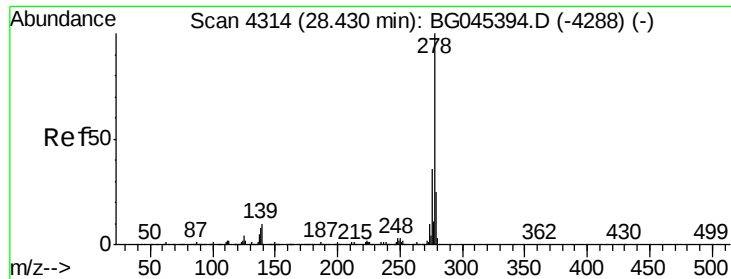
mohammad
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#90
Benzo(a)pyrene
Concen: 50.402 ng
RT: 24.60 min Scan# 3661
Delta R.T. -0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	6.8	5.0	7.6





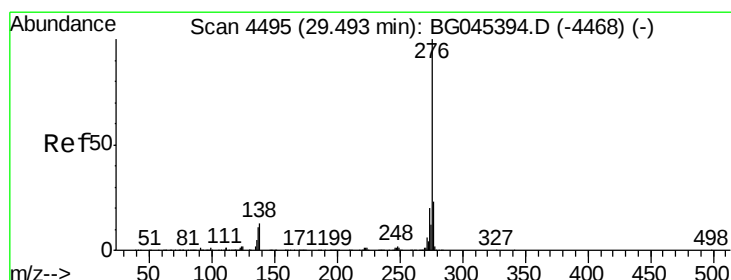
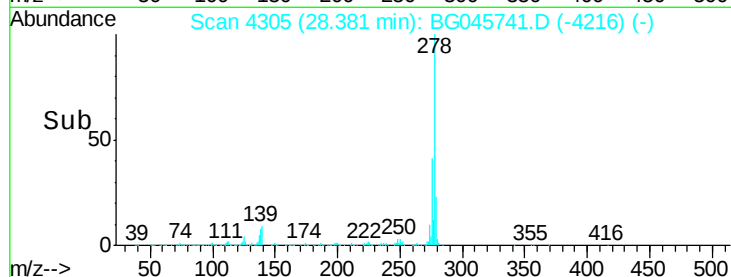
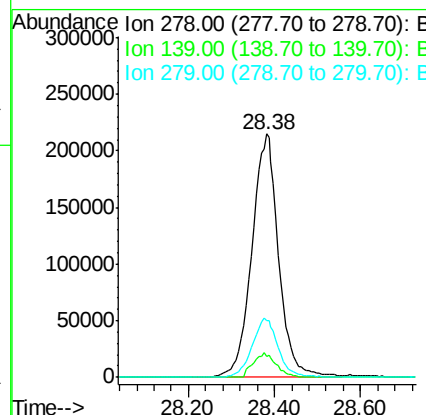
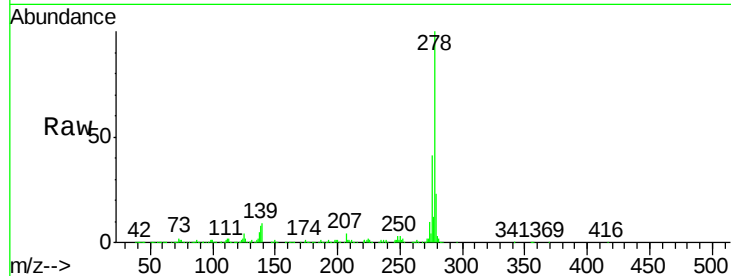
#91
Dibenzo(a,h)anthracene
Concen: 51.941 ng
RT: 28.38 min Scan# 4305
Delta R.T. -0.01 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Instrument :
BNA_G
ClientSampleId :
PB129468BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.7	7.8	11.8
279	23.3	19.8	29.8

Manual Integrations
APPROVED

mohammad
6/15/2020 8:45:11 AM



#92
Benzo(g,h,i)perylene
Concen: 51.530 ng
RT: 29.44 min Scan# 4485
Delta R.T. -0.00 min
Lab File: BG045741.D
Acq: 12 Jun 2020 15:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.1	27.1
138	12.4	10.2	15.4

