

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060420\
 Data File : BG045607.D
 Acq On : 4 Jun 2020 16:14
 Operator : CG/JU
 Sample : PB129295BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129295BS

Manual Integrations
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mohammad
 6/5/2020 10:30:02 AM

Quant Time: Jun 04 17:41:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	50636	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	210174	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	164666	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	404749	20.00	ng	0.00
76) Chrysene-d12	21.61	240	369103	20.00	ng	0.00
87) Perylene-d12	24.75	264	403356	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	379270	146.38	ng	0.00
7) Phenol-d6	7.14	99	551358	149.51	ng	0.00
23) Nitrobenzene-d5	9.11	82	353385	91.69	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	293216	139.24	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	873104	89.94	ng	0.00
79) Terphenyl-d14	19.96	244	1524091	96.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	46723	36.365	ng	97
3) Pyridine	3.80	79	107592	30.067	ng	97
4) n-Nitrosodimethylamine	3.71	42	49905	42.619	ng	81
6) Aniline	7.27	93	155497	32.301	ng	96
8) 2-Chlorophenol	7.53	128	141253	49.713	ng	99
9) Benzaldehyde	7.09	77	85411	35.548	ng	93
10) Phenol	7.17	94	191449	50.371	ng	96
11) bis(2-Chloroethyl)ether	7.37	93	126718	42.744	ng	93
12) 1,3-Dichlorobenzene	7.84	146	143558	42.043	ng	99
13) 1,4-Dichlorobenzene	7.98	146	144142	42.776	ng	98
14) 1,2-Dichlorobenzene	8.31	146	136337	42.067	ng	97
15) Benzyl Alcohol	8.20	79	151098	49.598	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	123778	43.985	ng	98
17) 2-Methylphenol	8.42	107	131798	46.329	ng	98
18) Hexachloroethane	9.04	117	55683	43.146	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	121344	47.583	ng	94
20) 3+4-Methylphenols	8.75	107	184425	47.607	ng	92
22) Acetophenone	8.77	105	217466	43.656	ng	98
24) Nitrobenzene	9.15	77	181442	43.940	ng	99
25) Isophorone	9.68	82	346531	45.654	ng	100
26) 2-Nitrophenol	9.87	139	83029	47.003	ng	97
27) 2,4-Dimethylphenol	9.95	122	143860	54.909	ng	93
28) bis(2-Chloroethoxy)methane	10.16	93	190405	47.833	ng	99
29) 2,4-Dichlorophenol	10.42	162	158327	51.175	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	162372	44.415	ng	99
31) Naphthalene	10.81	128	441008	45.029	ng	99
32) Benzoic acid	10.12	122	81601	46.255	ng	90
33) 4-Chloroaniline	10.92	127	86412	21.107	ng	98
34) Hexachlorobutadiene	11.10	225	110565	42.785	ng	99
35) Caprolactam	11.69	113	57628m	50.747	ng	
36) 4-Chloro-3-methylphenol	12.07	107	180781	51.855	ng	99
37) 2-Methylnaphthalene	12.42	142	349956	47.940	ng	96
38) 1-Methylnaphthalene	12.64	142	334739	48.544	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	200957	43.692	ng	99

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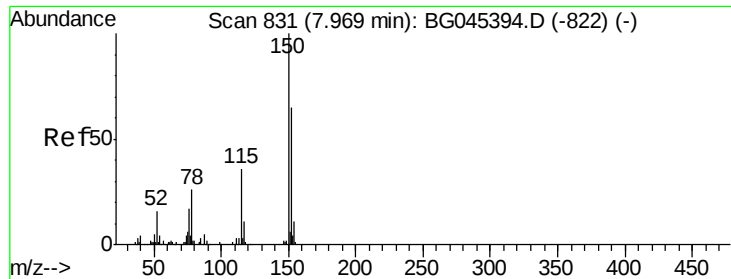
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	246393	92.815	nq	98
43) 2,4,6-Trichlorophenol	13.04	196	143691	44.974	nq	100
44) 2,4,5-Trichlorophenol	13.12	196	153828	42.132	nq	96
46) 1,1'-Biphenyl	13.43	154	466874	46.143	nq	98
47) 2-Chloronaphthalene	13.47	162	351853	42.824	nq	99
48) 2-Nitroaniline	13.68	65	120951	44.753	nq	98
49) Acenaphthylene	14.32	152	607532	46.035	nq	98
50) Dimethylphthalate	14.05	163	510227	45.169	nq	99
51) 2,6-Dinitrotoluene	14.17	165	113073	44.361	nq	97
52) Acenaphthene	14.66	154	450776m	51.028	nq	
53) 3-Nitroaniline	14.50	138	63663	24.570	nq	96
54) 2,4-Dinitrophenol	14.72	184	139830	83.489	nq	98
55) Dibenzofuran	15.00	168	590119	44.983	nq	96
56) 4-Nitrophenol	14.85	139	166204	84.724	nq	92
57) 2,4-Dinitrotoluene	14.96	165	165737	44.896	nq	96
58) Fluorene	15.64	166	496940	46.109	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.23	232	144484	44.981	nq	99
60) Diethylphthalate	15.42	149	535899	45.580	nq	99
61) 4-Chlorophenyl-phenylether	15.64	204	276393	44.816	nq	99
62) 4-Nitroaniline	15.67	138	115676	42.763	nq	99
63) Azobenzene	15.93	77	505384	46.099	nq	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	104284	44.240	nq	96
66) n-Nitrosodiphenylamine	15.86	169	445083	45.800	nq	97
67) 4-Bromophenyl-phenylether	16.53	248	193553	44.162	nq	98
68) Hexachlorobenzene	16.65	284	209034	45.601	nq	94
69) Atrazine	16.81	200	172999	43.220	nq	98
70) Pentachlorophenol	17.01	266	210217	88.319	nq	98
71) Phenanthrene	17.39	178	807471	45.698	nq	99
72) Anthracene	17.48	178	825825	46.540	nq	99
73) Carbazole	17.75	167	748690	43.286	nq	99
74) Di-n-butylphthalate	18.31	149	912593	43.959	nq	99
75) Fluoranthene	19.40	202	1012162	45.036	nq	100
77) Benzidine	19.58	184	354863	34.232	nq	100
78) Pyrene	19.76	202	994629	47.272	nq	99
80) Butylbenzylphthalate	20.65	149	391272	43.083	nq	99
81) Benzo(a)anthracene	21.58	228	941001	45.765	nq	99
82) 3,3'-Dichlorobenzidine	21.50	252	224498	27.834	nq	98
83) Chrysene	21.65	228	887151	44.872	nq	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	552705	44.273	nq	98
85) Di-n-octyl phthalate	22.69	149	938409	43.766	nq	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1160591	44.891	nq	# 96
88) Benzo(b)fluoranthene	23.76	252	976939	45.161	nq	98
89) Benzo(k)fluoranthene	23.82	252	988727	48.650	nq	99
90) Benzo(a)pyrene	24.60	252	911437	45.240	nq	99
91) Dibenzo(a,h)anthracene	28.39	278	950859	46.966	nq	98
92) Benzo(g,h,i)perylene	29.44	276	964102	47.614	nq	96

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



#1

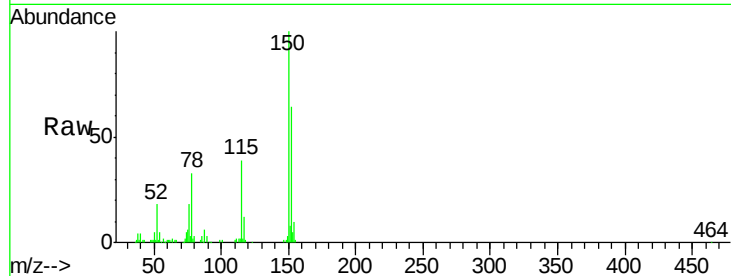
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampleId :
PB129295BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	122.4	183.6
115	60.8	44.2	66.4

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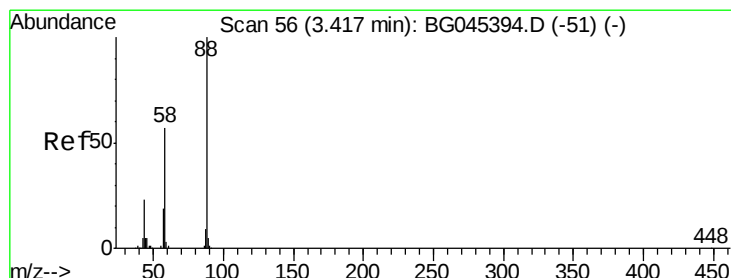
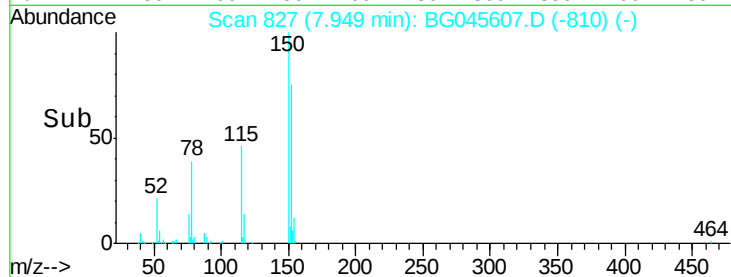
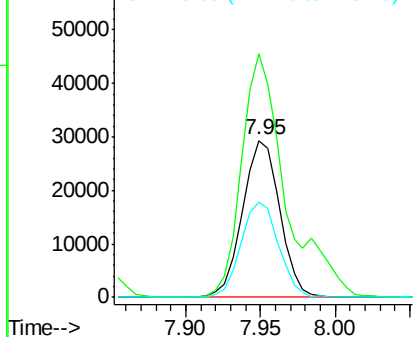


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

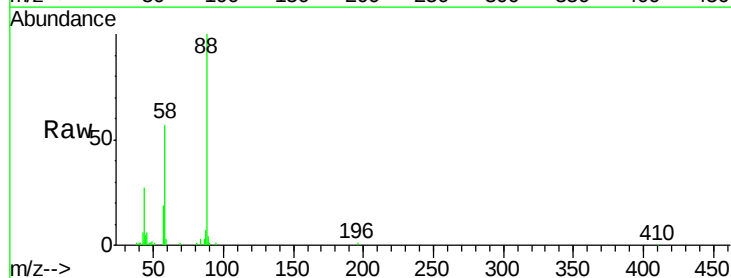
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.365 ng
RT: 3.40 min Scan# 52
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.5	45.7	68.5
43	24.2	16.8	25.2

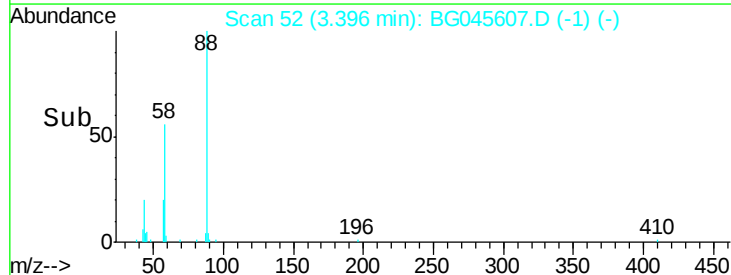
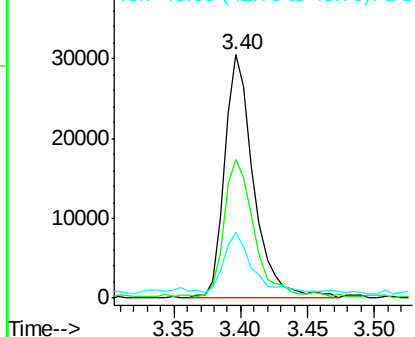


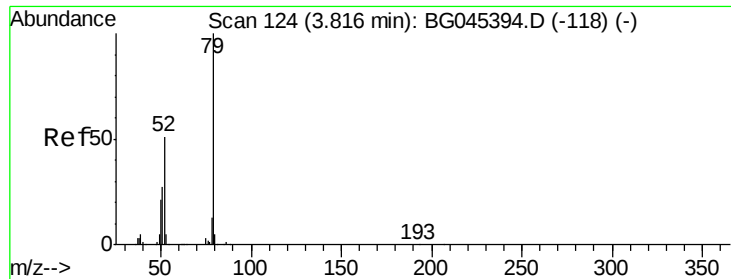
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





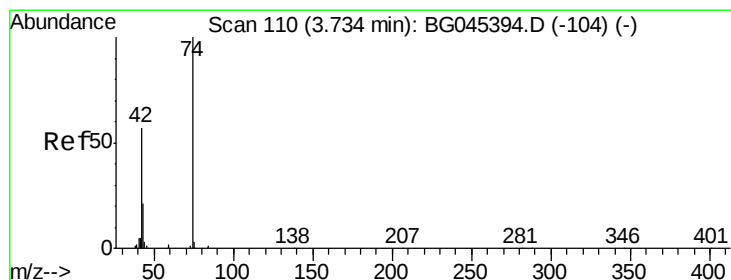
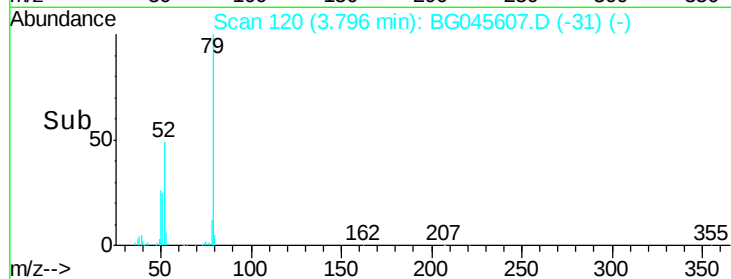
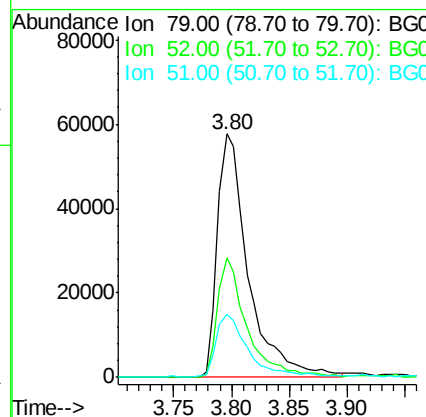
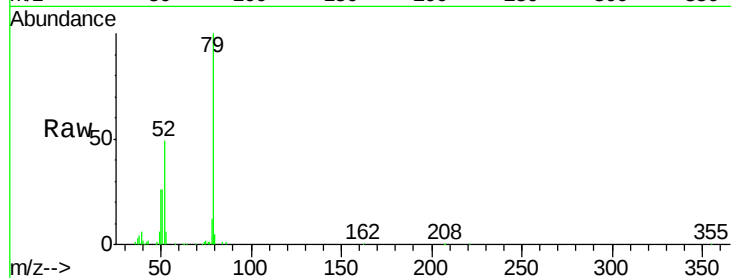
#3
 Pvridine
 Concen: 30.067 ng
 RT: 3.80 min Scan# 120
 Delta R.T. -0.01 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Instrument :
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 PB129295BS

Tot Ion:	79	Resp:	107592
Ion Ratio	Lower	Upper	
79	100		
52	49.0	40.8	61.2
51	25.8	21.9	32.9

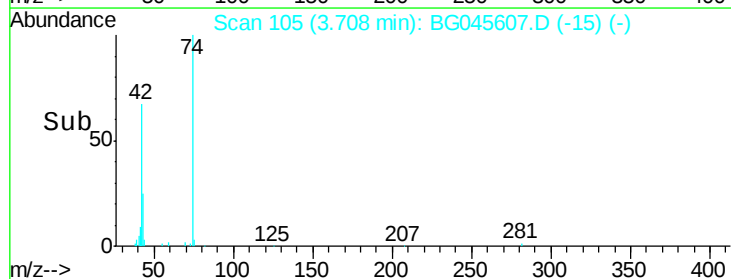
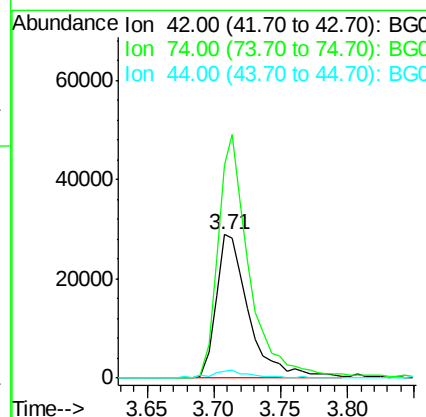
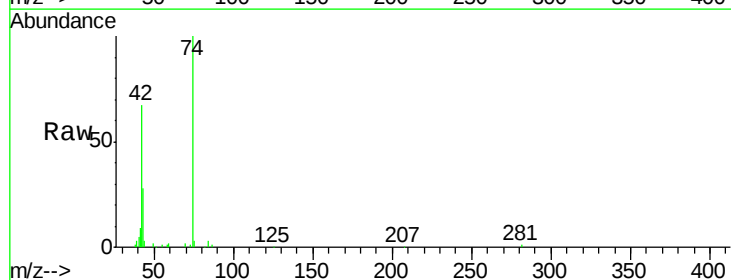
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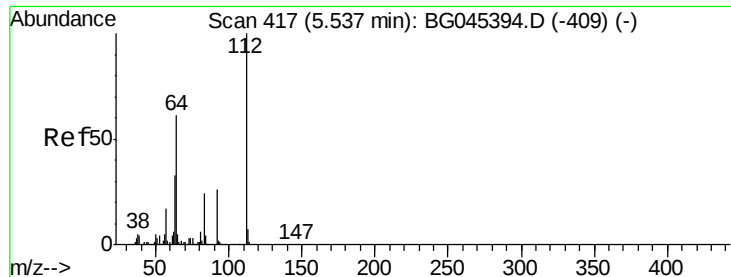
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#4
 n-Nitrosodimethylamine
 Concen: 42.619 ng
 RT: 3.71 min Scan# 105
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Tgt Ion:	42	Resp:	49905
Ion Ratio	Lower	Upper	
42	100		
74	148.6	141.3	211.9
44	5.0	4.2	6.4





#5

2-Fluorophenol

Concen: 146.379 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

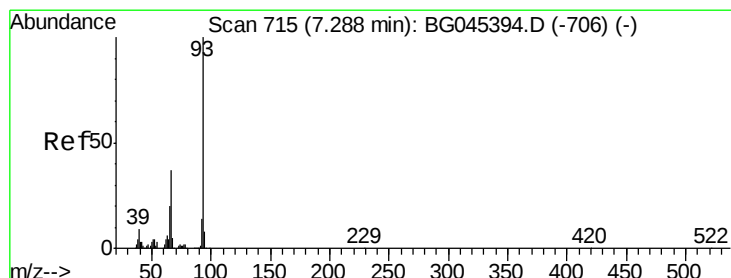
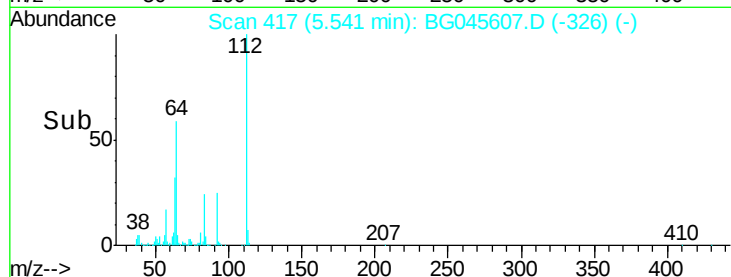
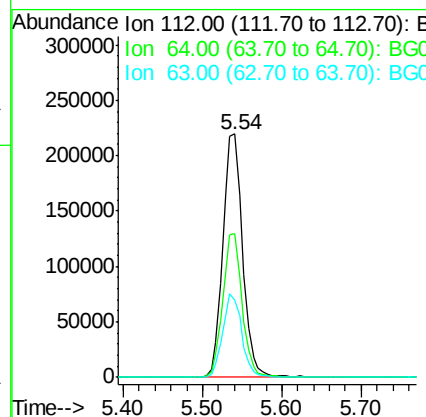
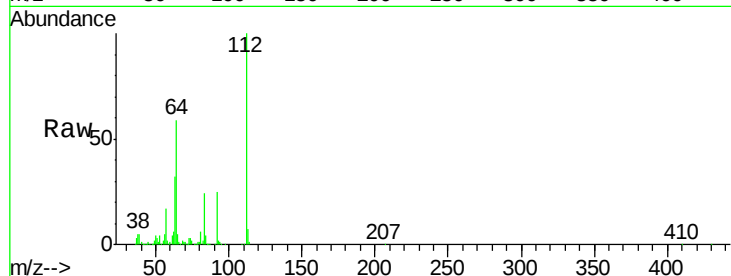
ClientSampleId :

PB129295BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	379270		
64	59.0	48.6	72.8	
63	31.9	26.5	39.7	

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#6

Aniline

Concen: 32.301 ng

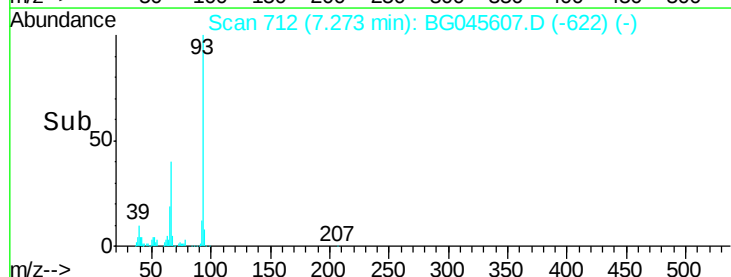
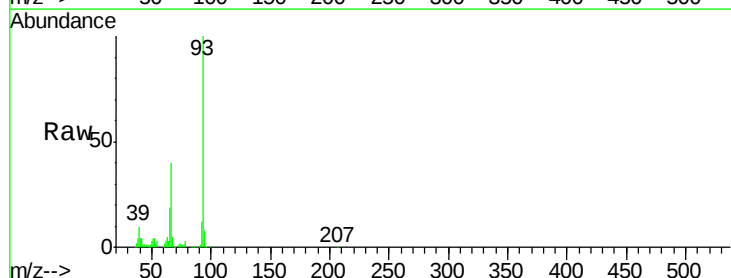
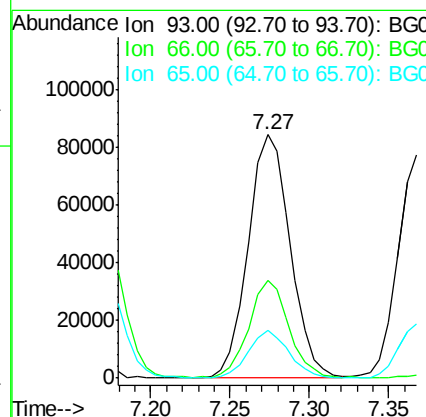
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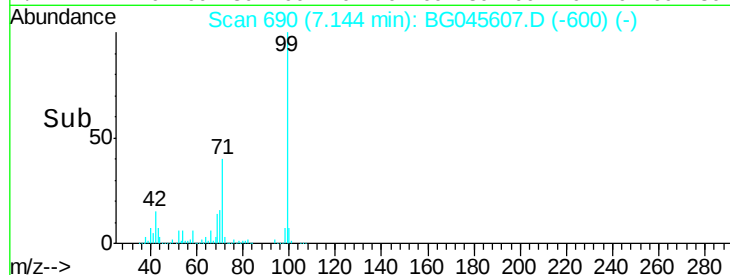
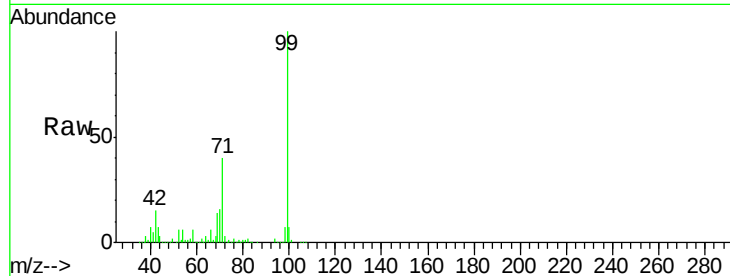
Delta R.T. -0.00 min

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	155497		
66	40.0	29.6	44.4	
65	19.4	15.9	23.9	





#7

Phenol-d6

Concen: 149.509 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		551358		
42	15.2	11.3	16.9		
71	40.1	30.8	46.2		

Instrument :

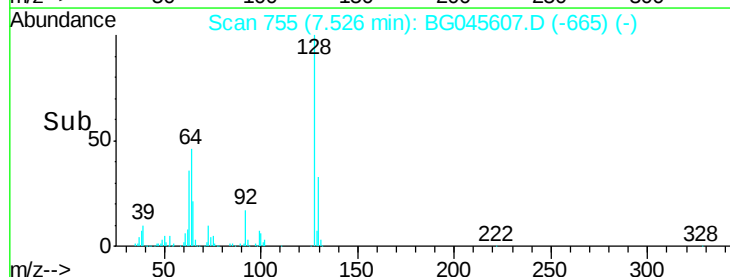
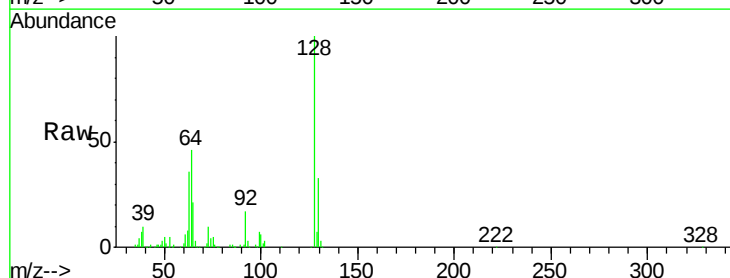
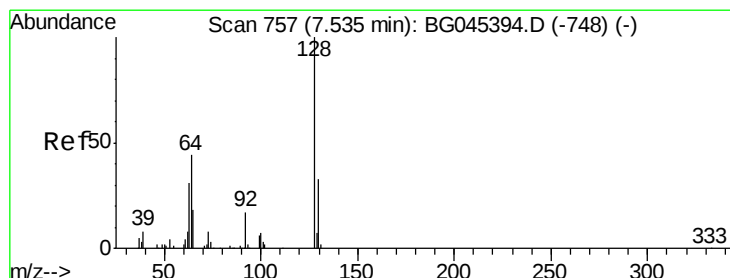
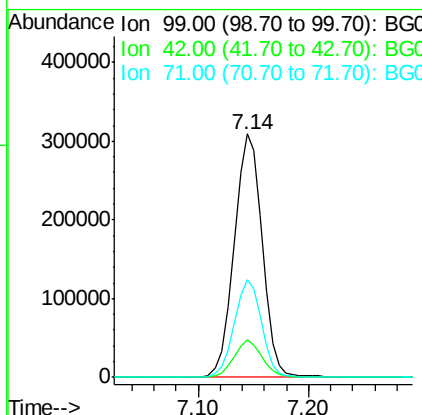
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#8

2-Chlorophenol

Concen: 49.713 ng

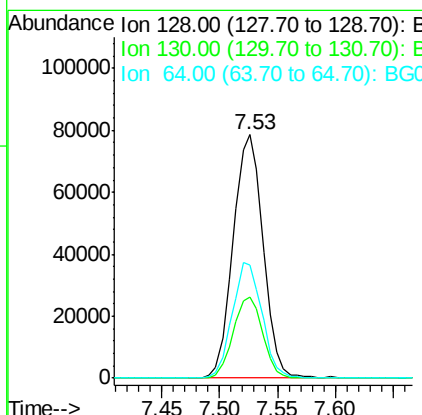
RT: 7.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		141253		
130	33.1	12.6	52.6		
64	46.3	27.0	67.0		





#9

Benzaldehyde

Concen: 35.548 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

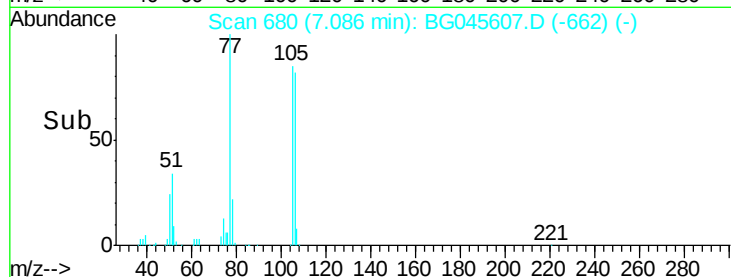
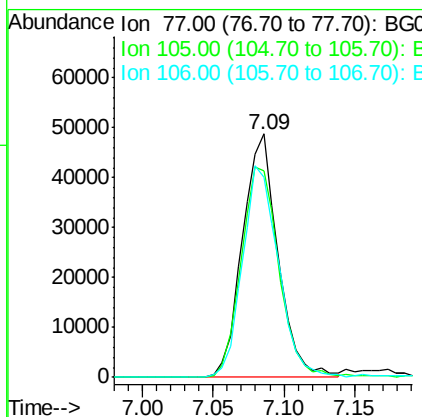
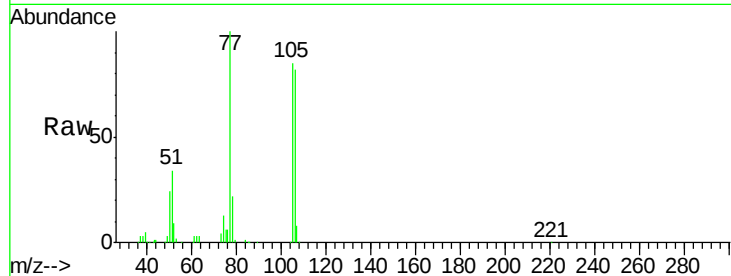
ClientSampleId :

PB129295BS

Tot Ion:	77	Resp:	85411
Ion	Ratio	Lower	Upper
77	100		
105	84.9	68.5	108.5
106	82.4	71.6	111.6

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#10

Phenol

Concen: 50.371 ng

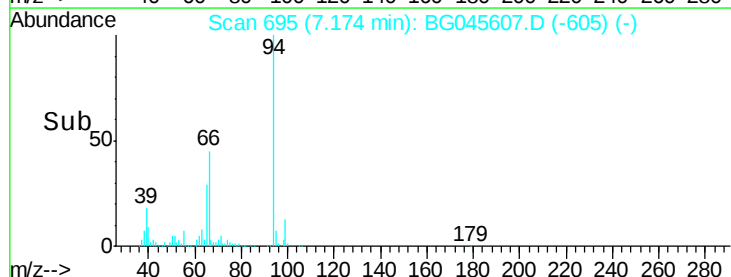
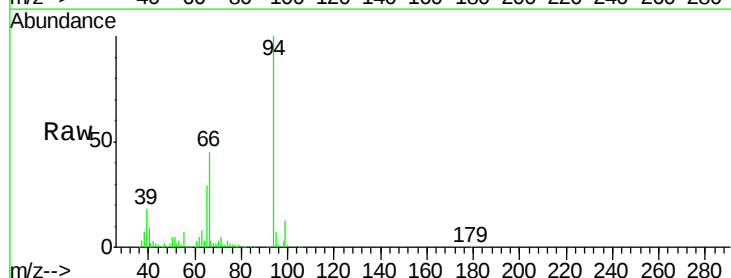
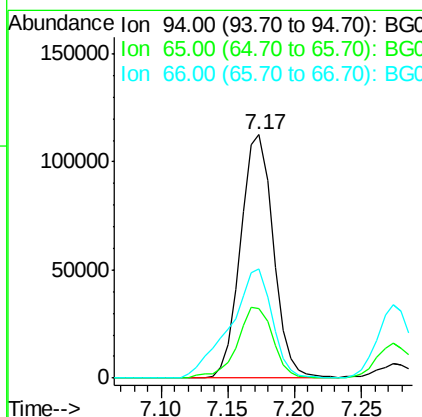
RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Tgt Ion:	94	Resp:	191449
Ion	Ratio	Lower	Upper
94	100		
65	28.8	9.8	49.8
66	45.0	22.0	62.0





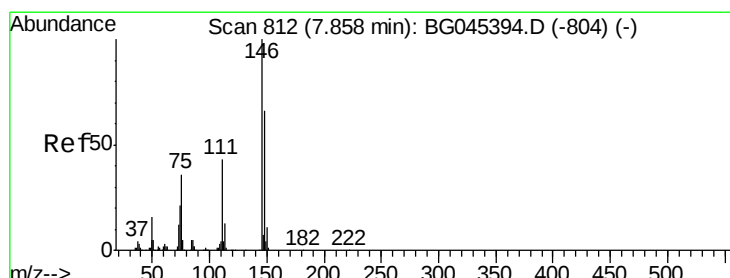
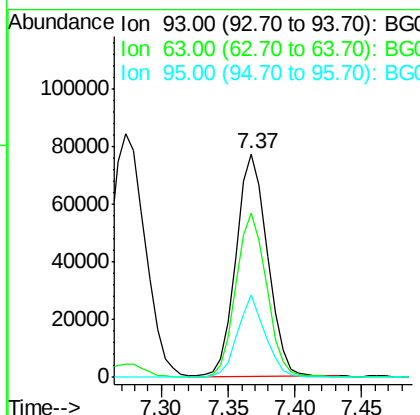
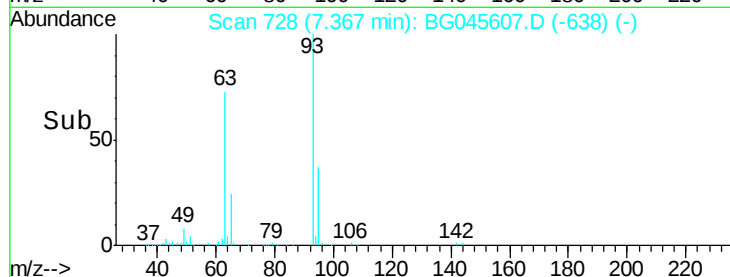
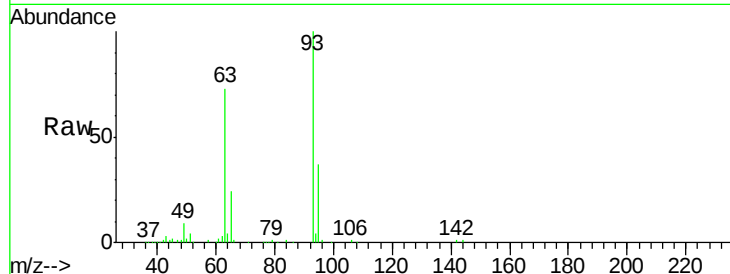
#11
 bis(2-Chloroethyl)ether
 Concen: 42.744 ng
 RT: 7.37 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Instrument :
 BNA_G
 ClientSampleId :
 PB129295BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	126718		
63	73.3		48.4	88.4
95	36.6		12.4	52.4

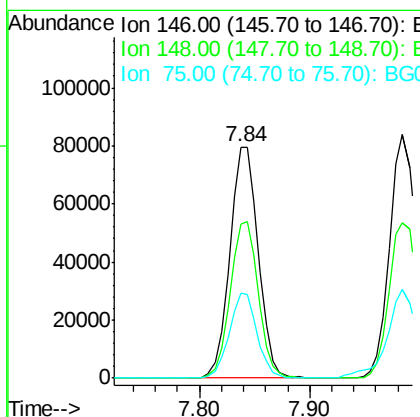
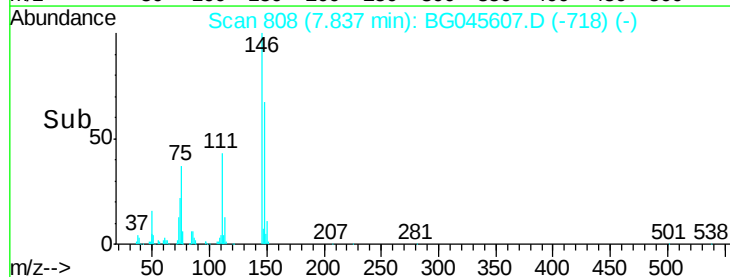
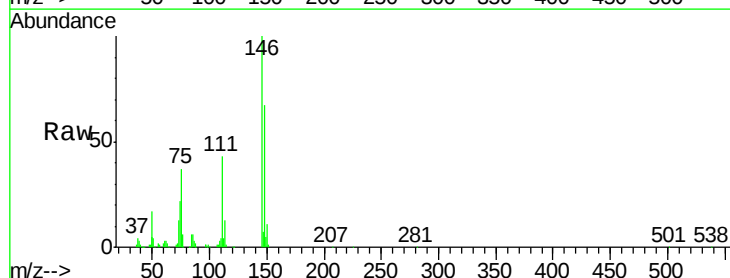
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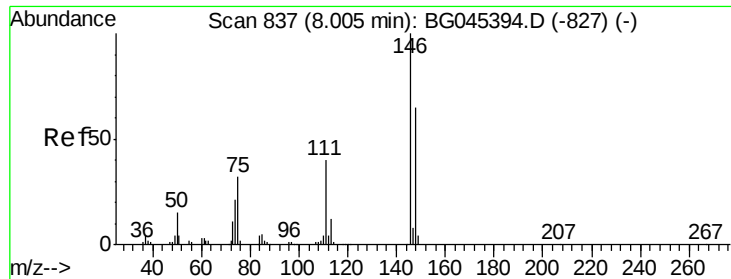
mohammad
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#12
 1,3-Dichlorobenzene
 Concen: 42.043 ng
 RT: 7.84 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	143558		
148	66.7		53.2	79.8
75	36.5		28.6	43.0





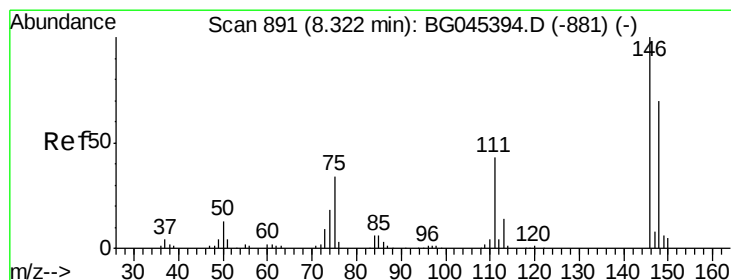
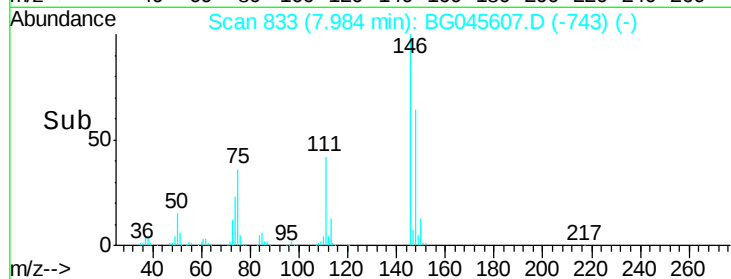
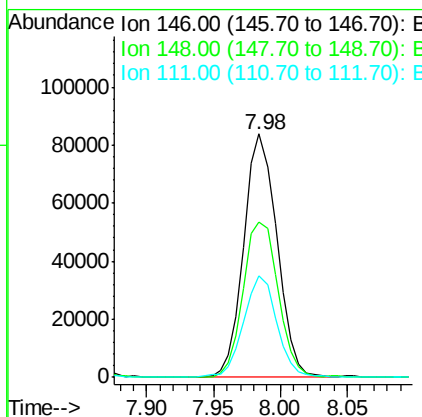
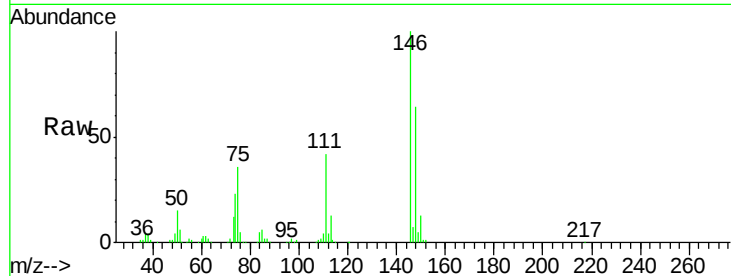
#13
 1,4-Dichlorobenzene
 Concen: 42.776 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Instrument :
 BNA_G
 ClientSampleId :
 PB129295BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.8
111	41.7	32.1	48.1

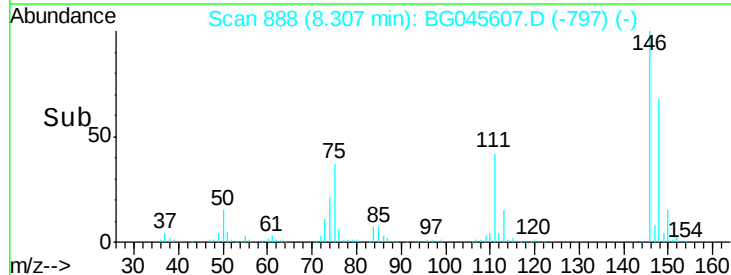
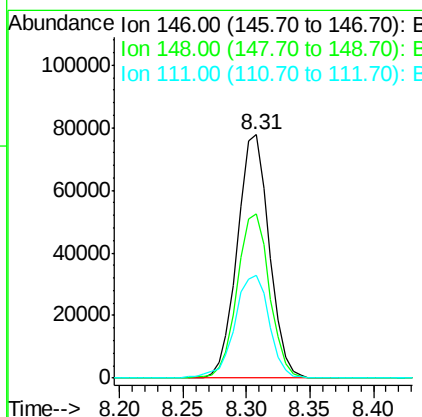
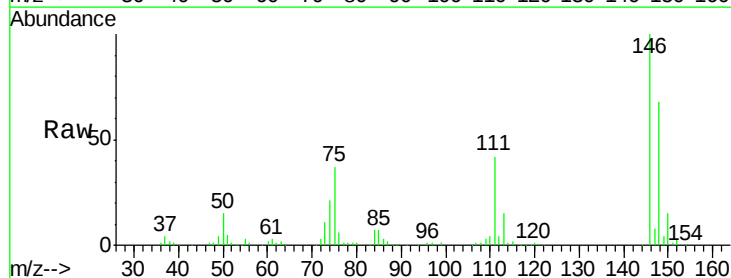
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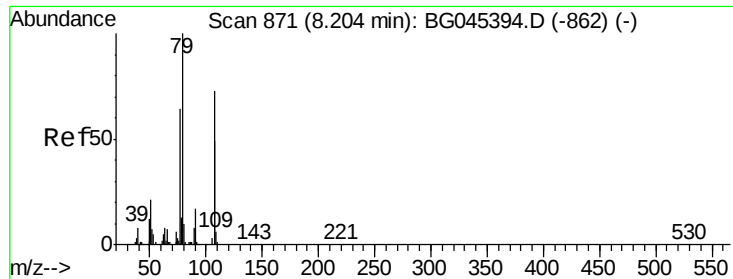
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.067 ng
 RT: 8.31 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.5	55.9	83.9
111	42.3	35.0	52.4





#15

Benzyl Alcohol

Concen: 49.598 ng

RT: 8.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

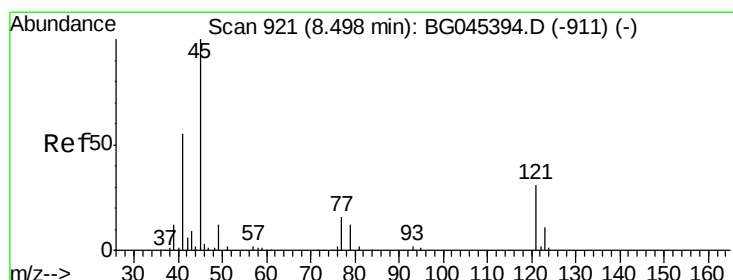
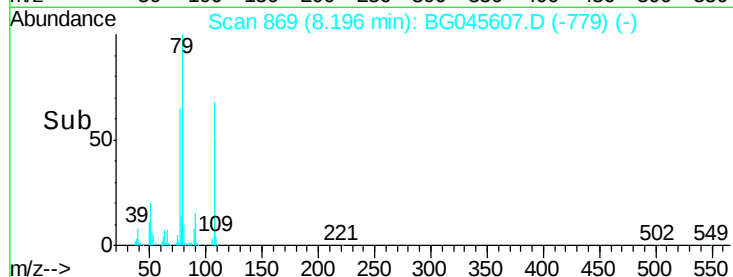
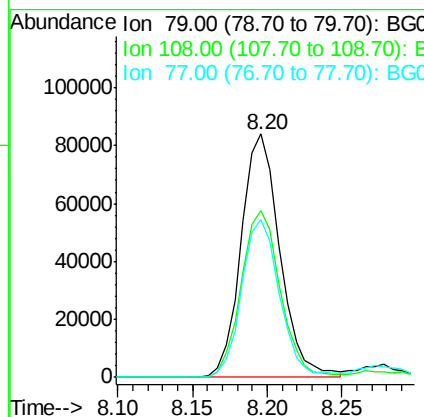
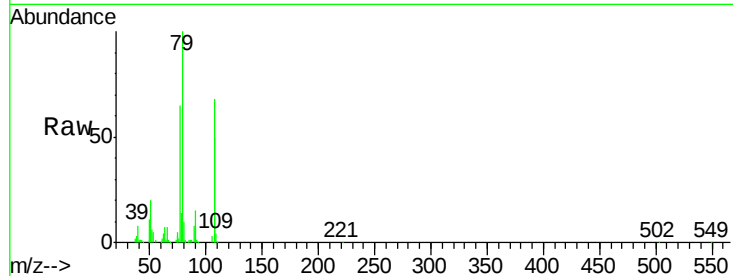
ClientSampleID :

PB129295BS

Tot Ion:	79	Resp:	151098
Ion Ratio	Lower	Upper	
79	100		
108	68.5	58.2	87.4
77	64.8	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.985 ng

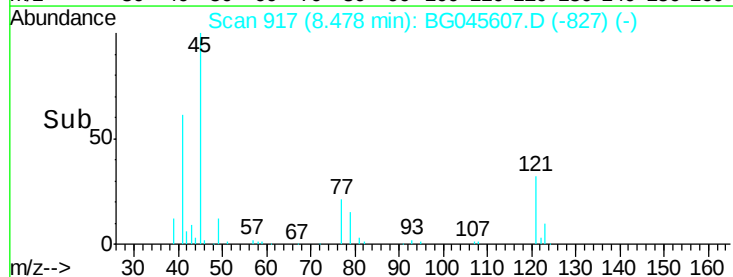
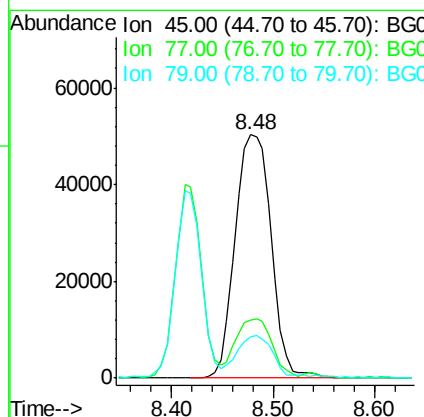
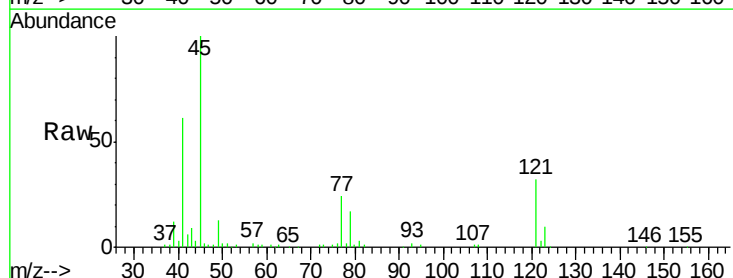
RT: 8.48 min Scan# 917

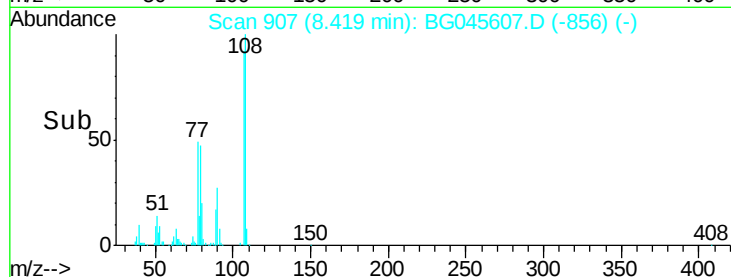
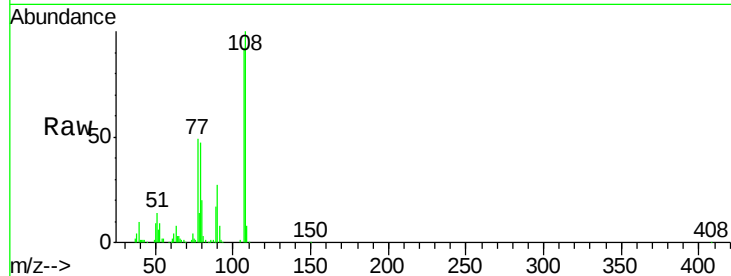
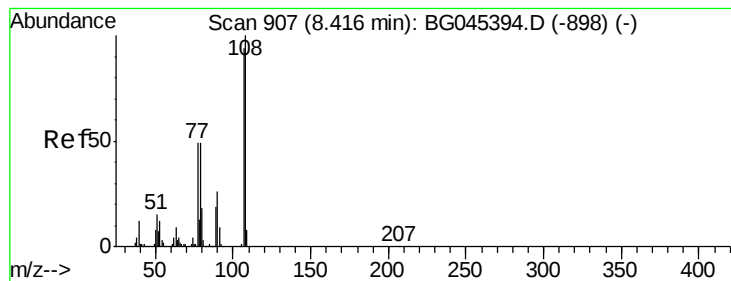
Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Tgt Ion:	45	Resp:	123778
Ion Ratio	Lower	Upper	
45	100		
77	24.1	4.0	44.0
79	16.9	0.0	38.6





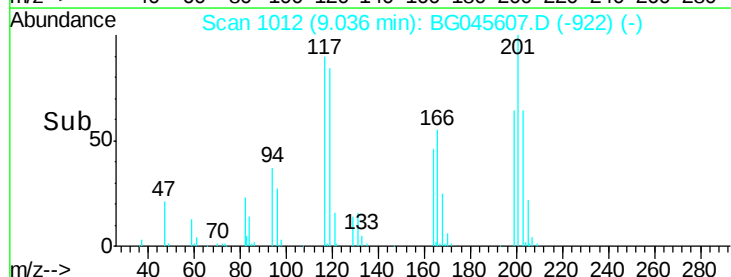
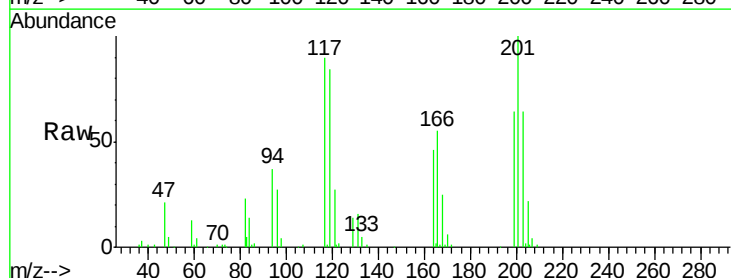
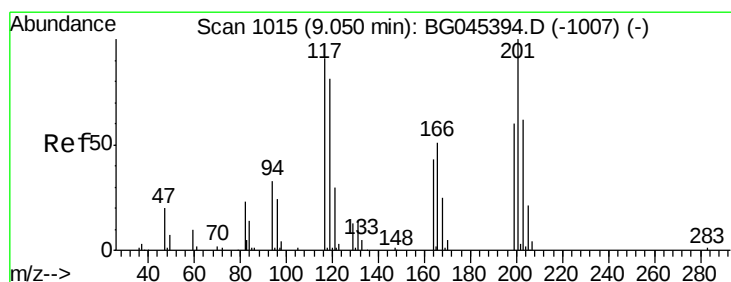
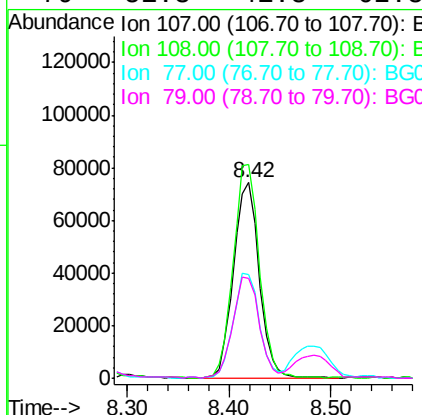
#17
2-Methylphenol
Concen: 46.329 ng
RT: 8.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tot Ion	107	Resp	131798
Ion Ratio	Lower	Upper	
107	100		
108	109.2	85.2	127.8
77	53.0	41.6	62.4
79	51.3	41.8	62.8

Instrument :
BNA_G
ClientSampleId :
PB129295BS

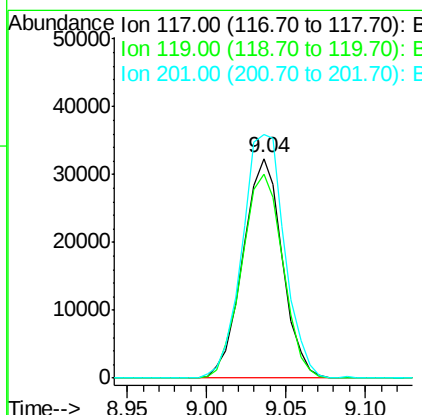
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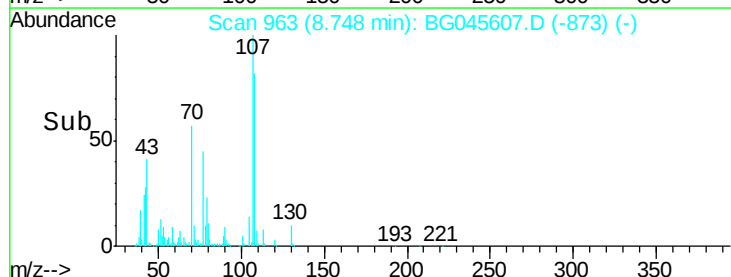
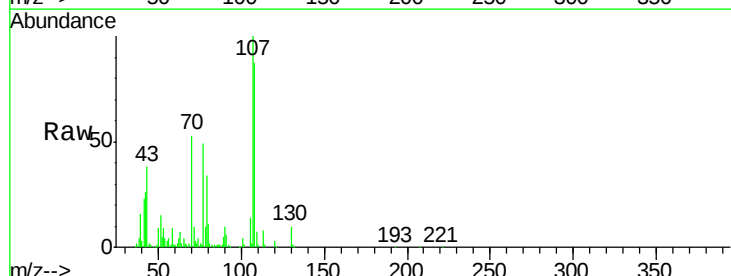
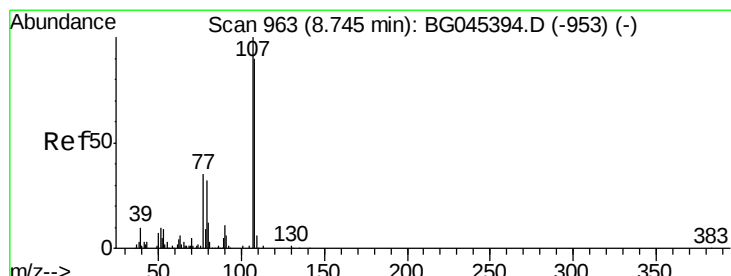
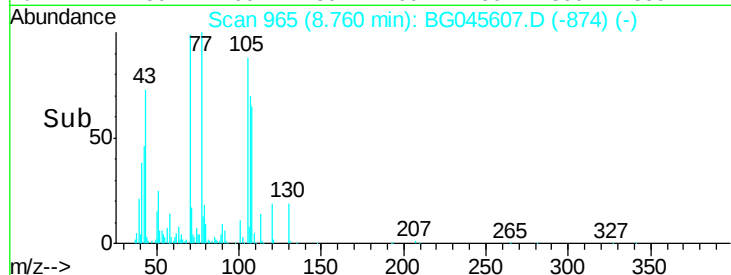
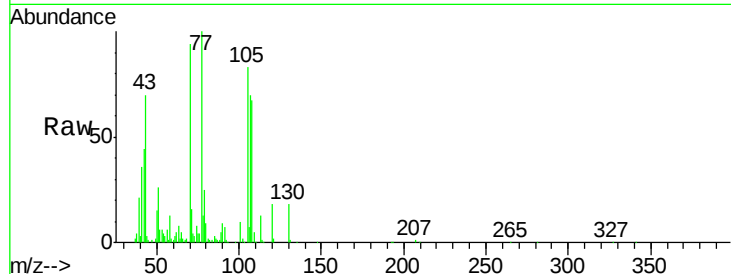
mohammad
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#18
Hexachloroethane
Concen: 43.146 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

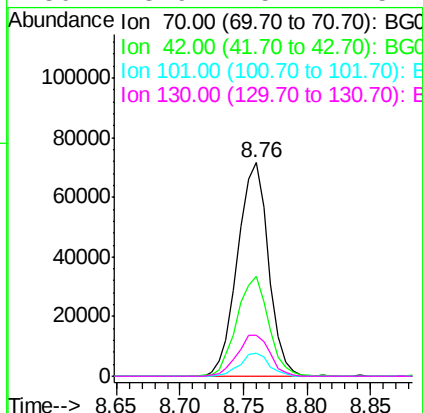
Tgt Ion	117	Resp	55683
Ion Ratio	Lower	Upper	
117	100		
119	93.0	71.3	106.9
201	111.0	87.5	131.3





#19
n-Nitroso-di-n-propylamine
Concen: 47.583 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	46.7	33.2	49.8	
101	11.1	7.8	11.6	
130	18.9	15.4	23.2	



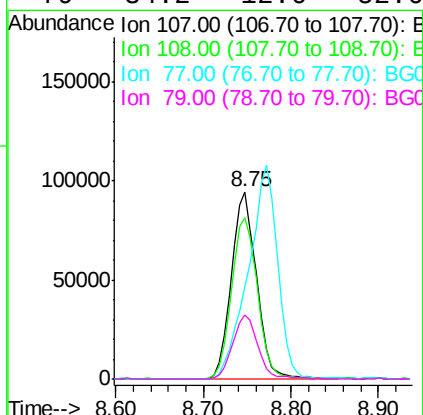
Instrument :
BNA_G
ClientSampleId :
PB129295BS

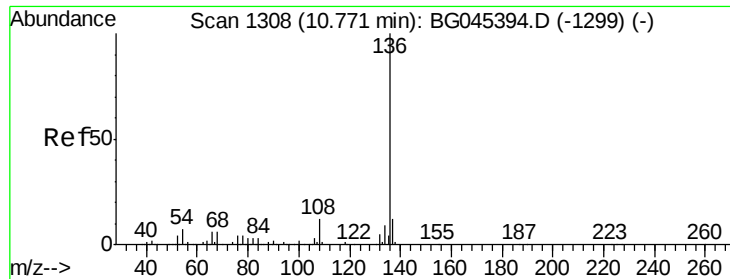
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#20
3+4-Methylphenols
Concen: 47.607 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.5	70.3	110.3	
77	49.2	15.4	55.4	
79	34.2	12.6	52.6	





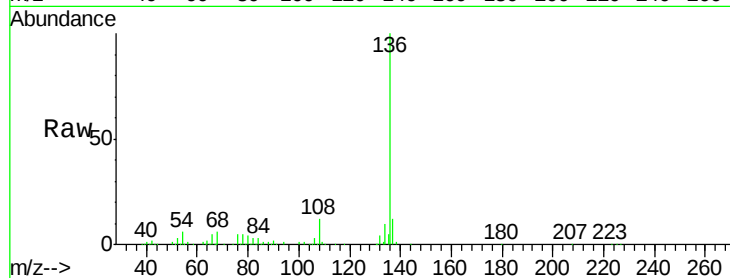
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampleId :
PB129295BS

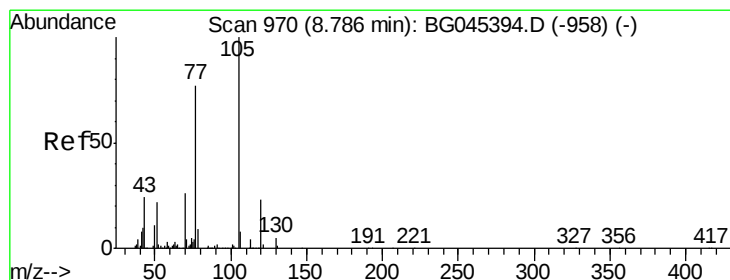
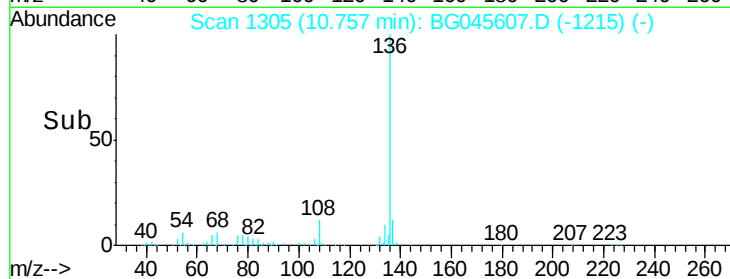
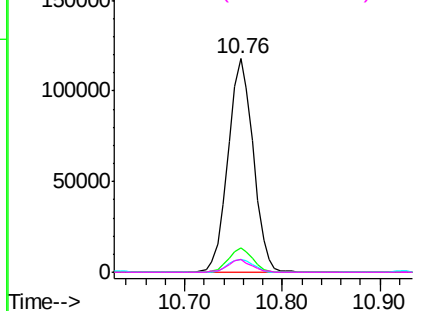
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		210174		
137	11.6	9.4	14.2		
54	5.8	5.8	8.6		
68	6.0	4.5	6.7		

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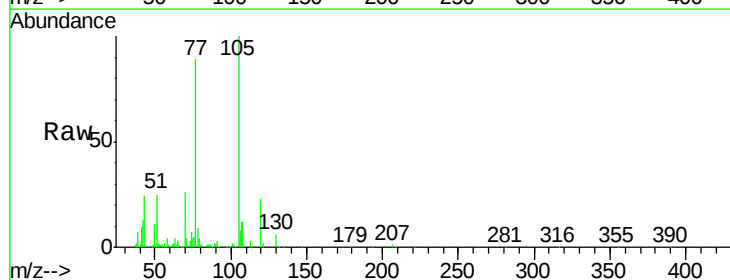


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

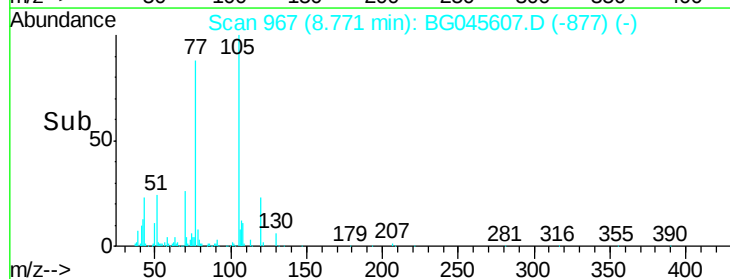
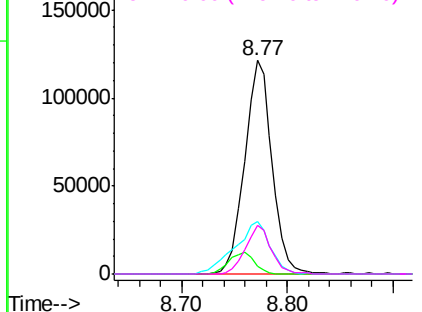


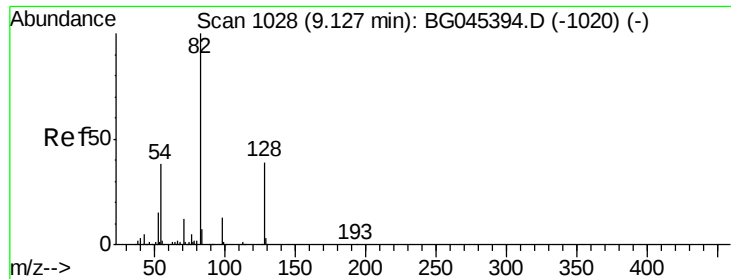
#22
Acetophenone
Concen: 43.656 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		217466		
71	3.9	3.4	5.0		
51	24.6	18.2	27.2		
120	22.6	18.6	27.8		



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





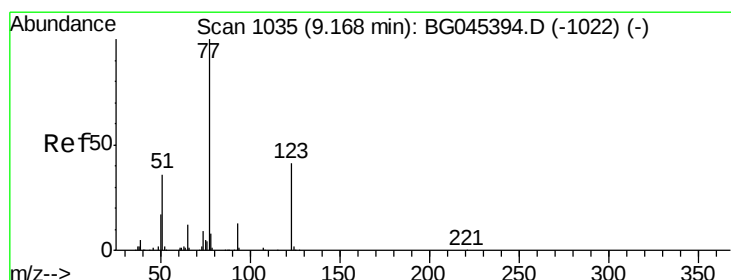
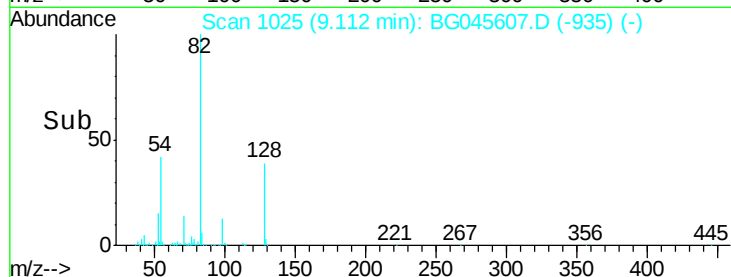
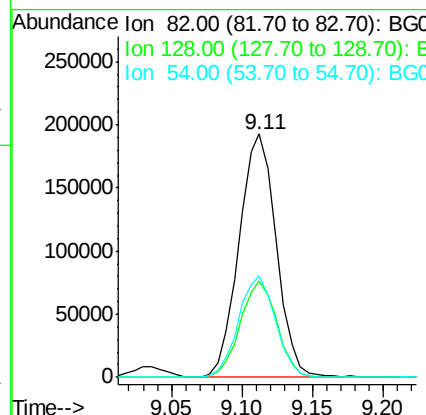
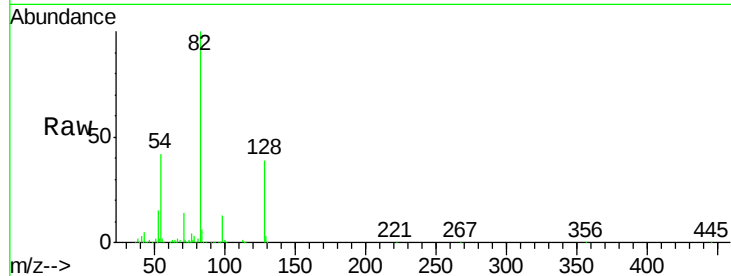
#23
Nitrobenzene-d5
Concen: 91.689 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampled :
PB129295BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.9	46.3
54	41.8	30.3	45.5

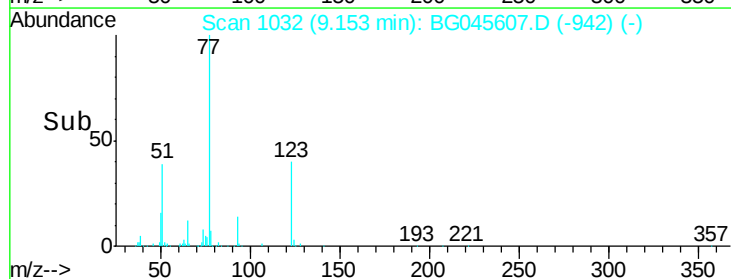
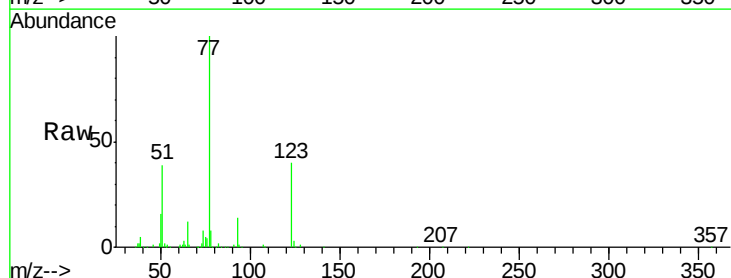
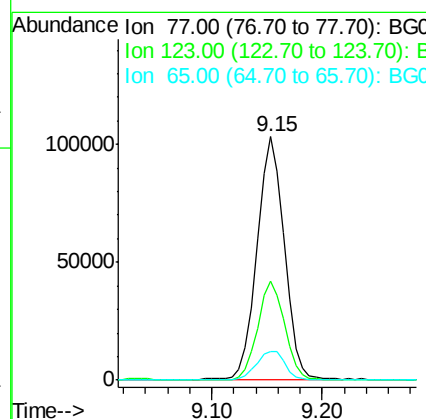
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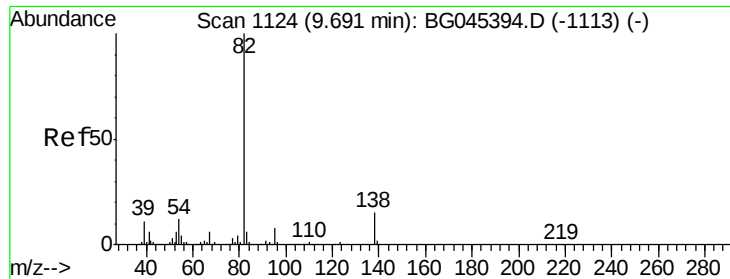
mohammad
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#24
Nitrobenzene
Concen: 43.940 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.5	32.9	49.3
65	12.0	9.4	14.2





#25

Isophorone

Concen: 45.654 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

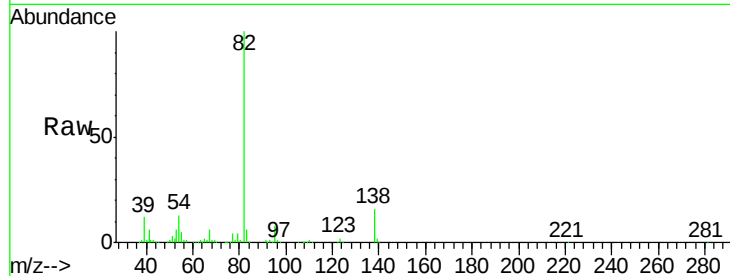
ClientSampleId :

PB129295BS

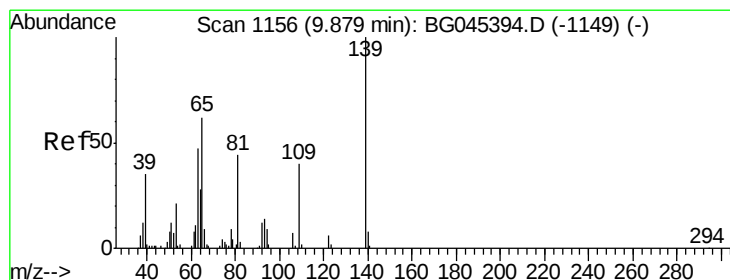
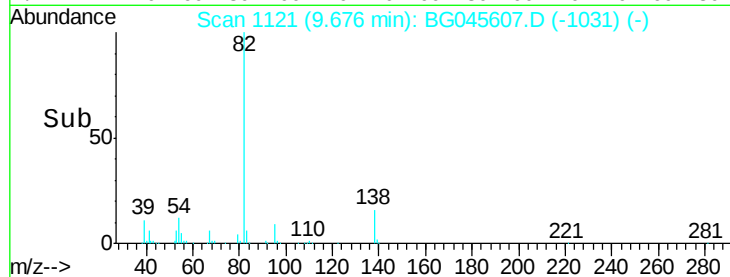
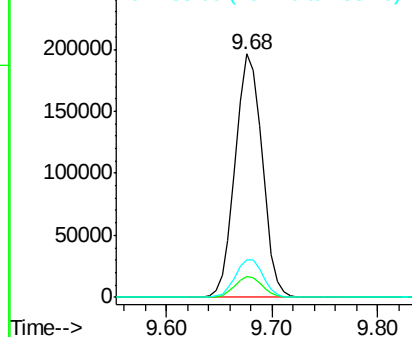
Tot Ion:	82	Resp:	346531
Ion Ratio		Lower	Upper
82	100		
95	8.4	6.7	10.1
138	15.5	12.2	18.4

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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 47.003 ng

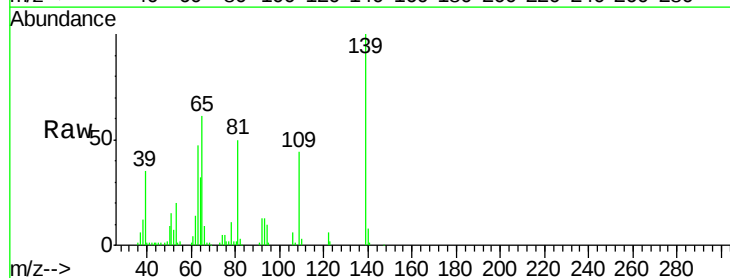
RT: 9.87 min Scan# 1154

Delta R.T. -0.00 min

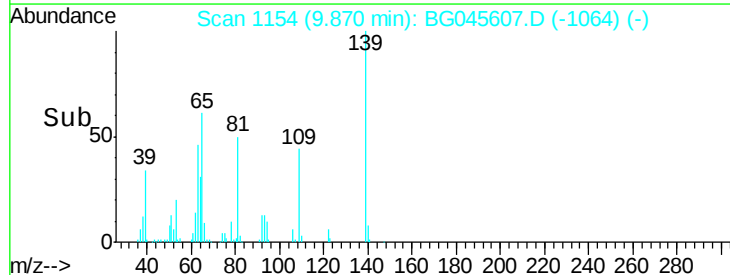
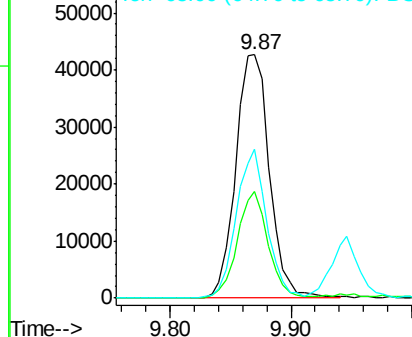
Lab File: BG045607.D

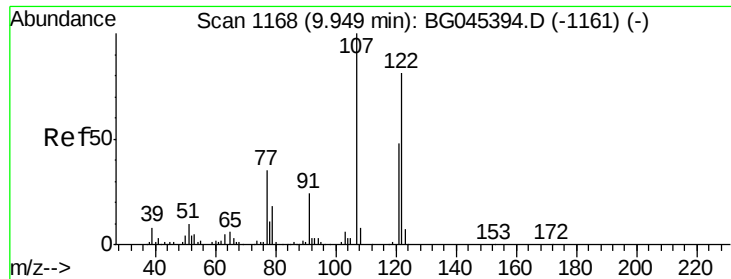
Acq: 4 Jun 2020 16:14

Tgt Ion:	139	Resp:	83029
Ion Ratio		Lower	Upper
139	100		
109	44.0	32.2	48.4
65	61.4	49.6	74.4



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





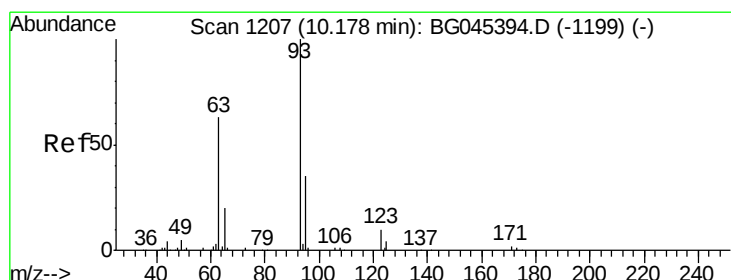
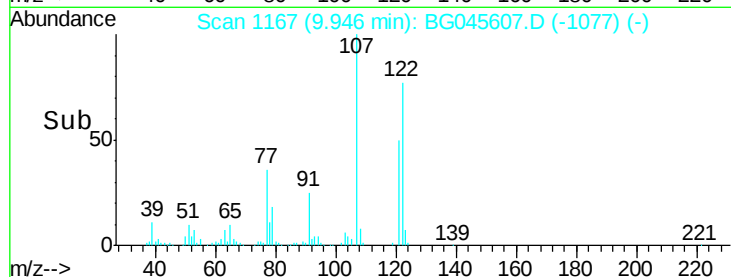
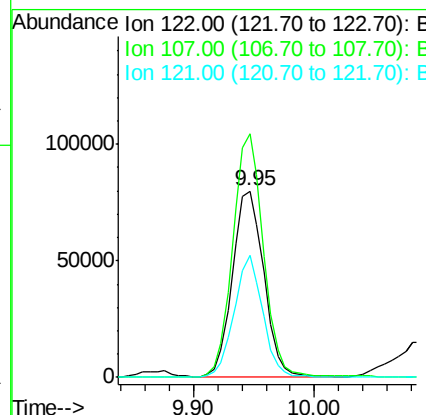
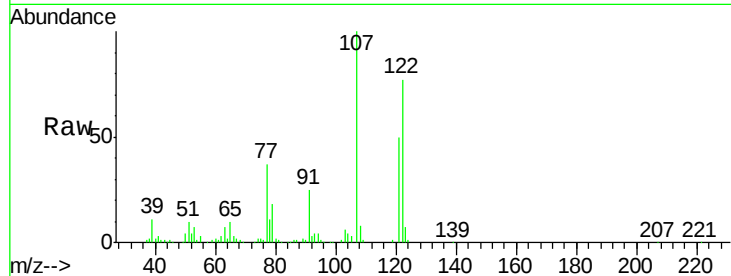
#27
 2,4-Dimethylphenol
 Concen: 54.909 ng
 RT: 9.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Instrument :
 BNA_G
 ClientSampleId :
 PB129295BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.6	99.0	148.4
121	65.4	47.7	71.5

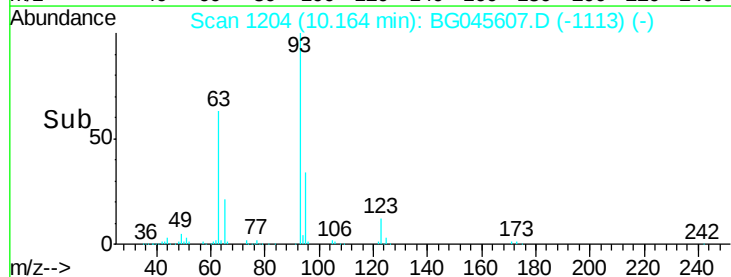
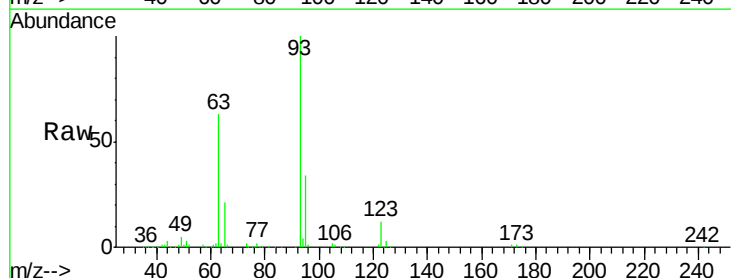
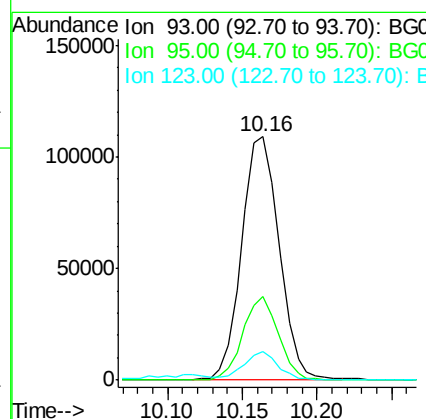
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.833 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.3	27.6	41.4
123	11.7	8.1	12.1





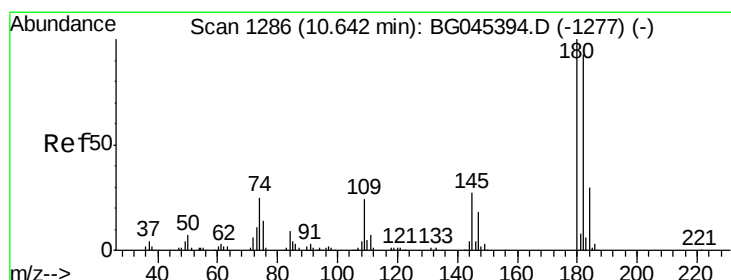
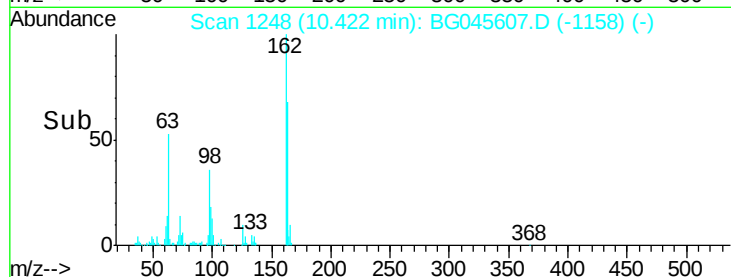
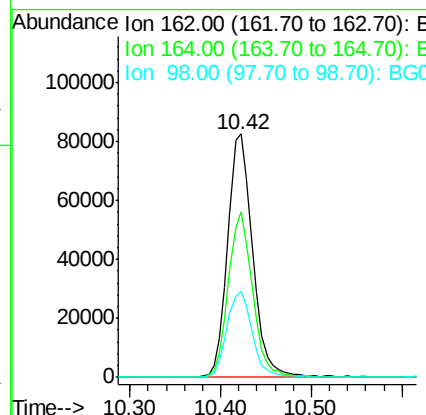
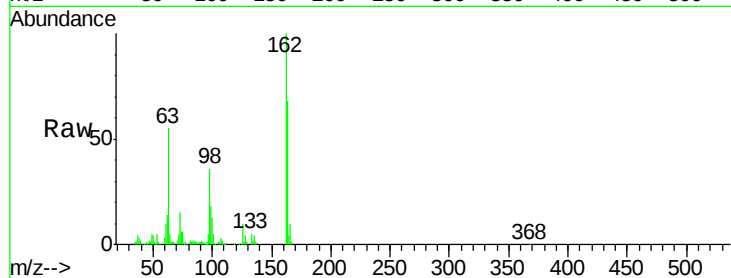
#29
 2,4-Dichlorophenol
 Concen: 51.175 ng
 RT: 10.42 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Instrument :
 BNA_G
 ClientSampled :
 PB129295BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	158327		
164	67.8	46.8	86.8	
98	35.6	15.2	55.2	

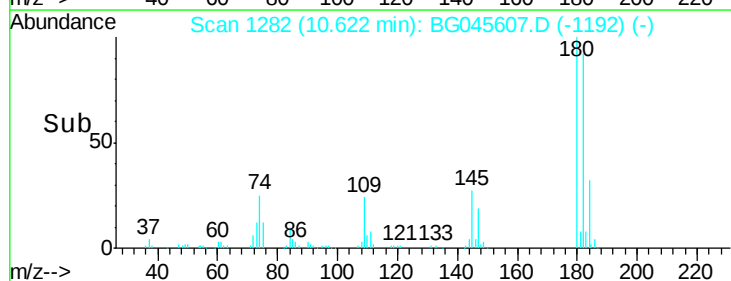
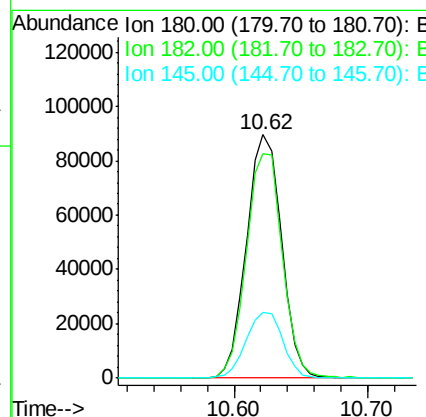
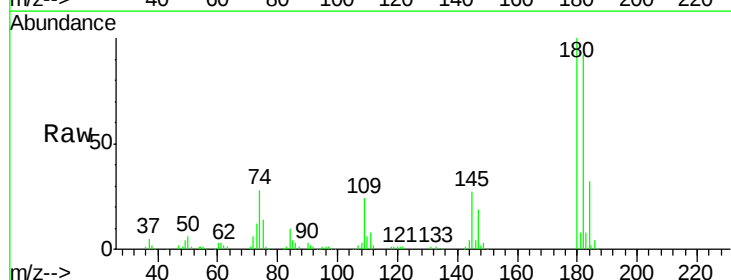
Manual Integrations
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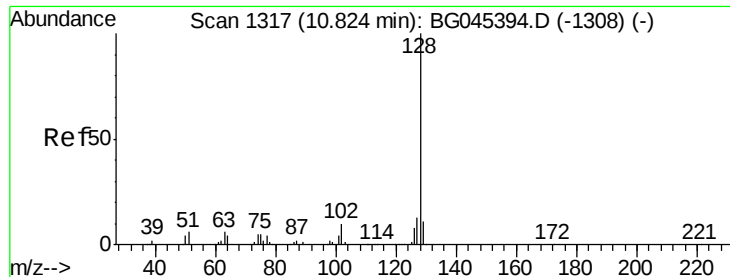
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.415 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	162372		
182	92.3	74.8	112.2	
145	27.0	21.9	32.9	





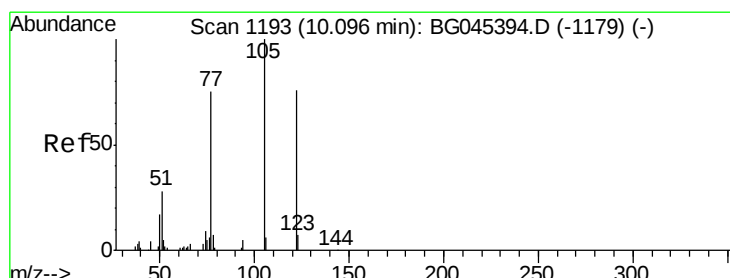
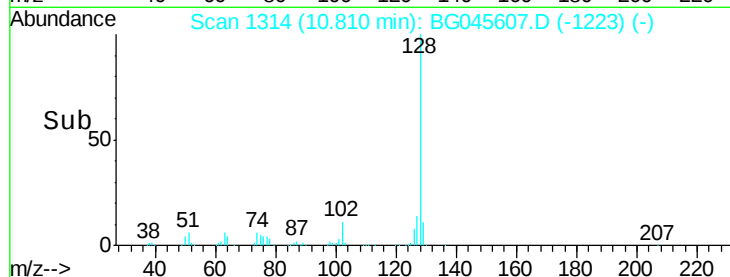
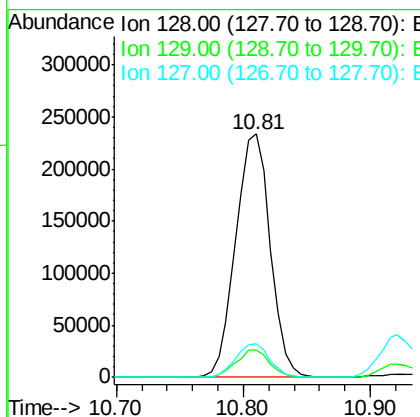
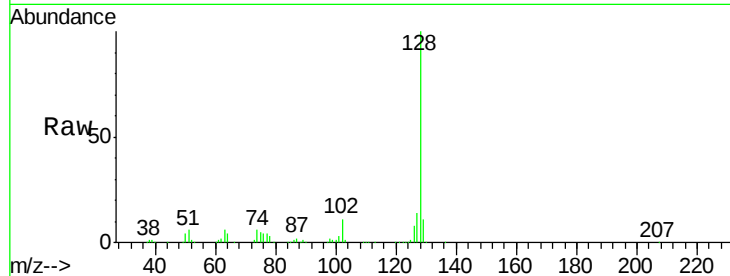
#31
Naphthalene
Concen: 45.029 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampleId :
PB129295BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.9	10.7	16.1

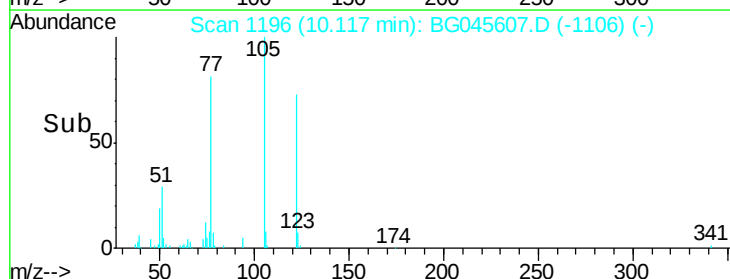
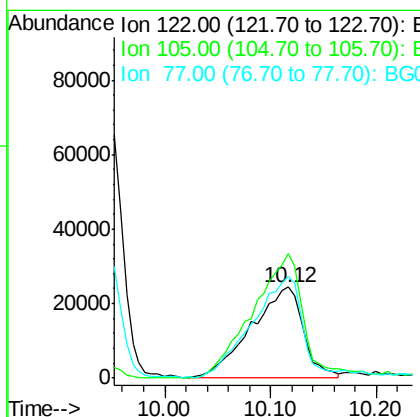
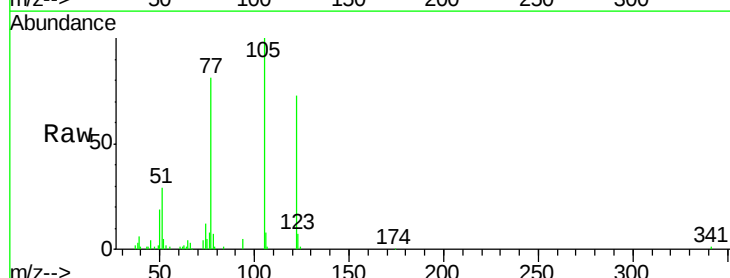
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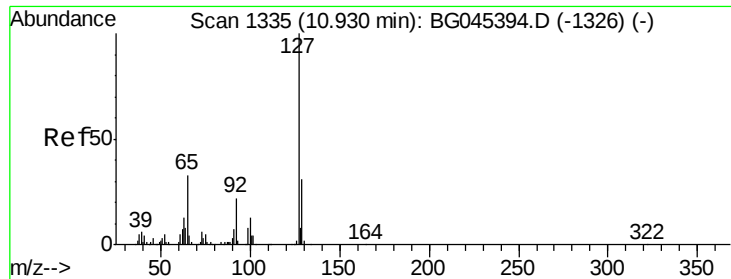
mohammad
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#32
Benzoic acid
Concen: 46.255 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.9	107.9	147.9
77	111.0	78.9	118.9





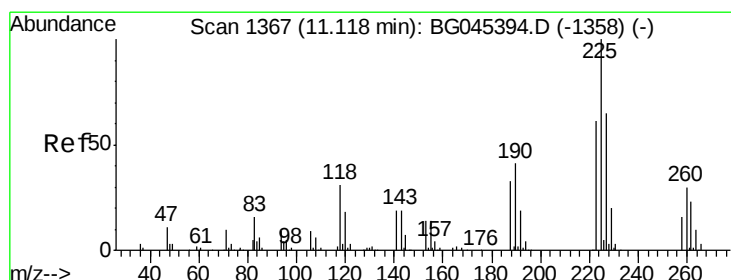
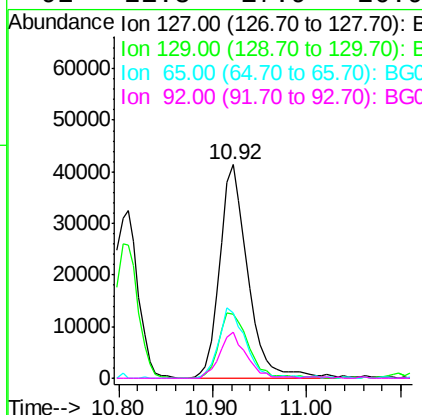
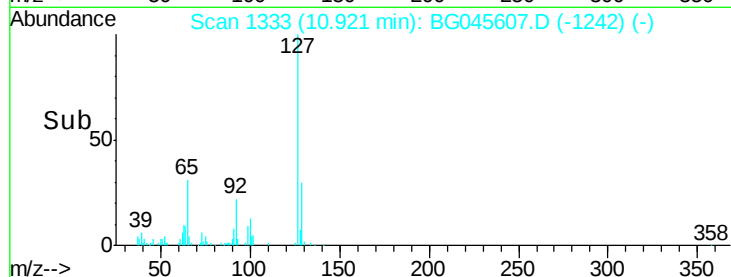
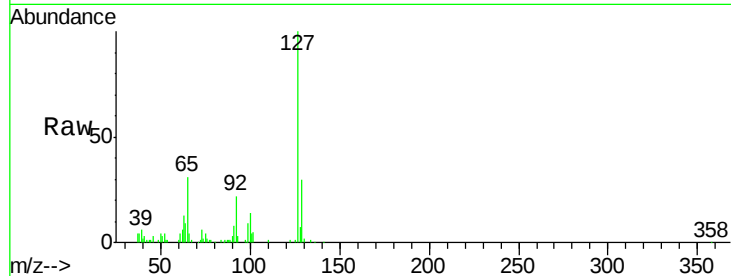
#33
4-Chloroaniline
Concen: 21.107 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampleId :
PB129295BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.0	24.7	37.1		
65	30.8	26.2	39.2		
92	21.8	17.9	26.9		

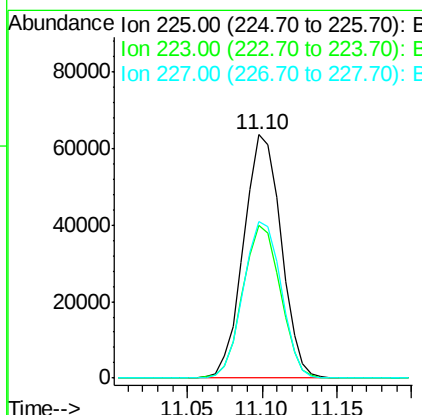
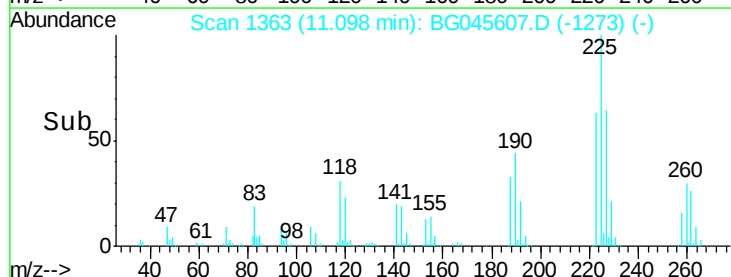
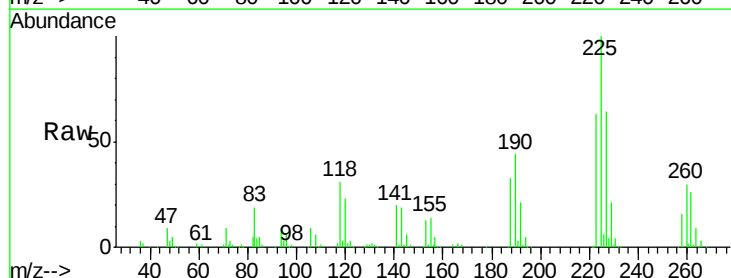
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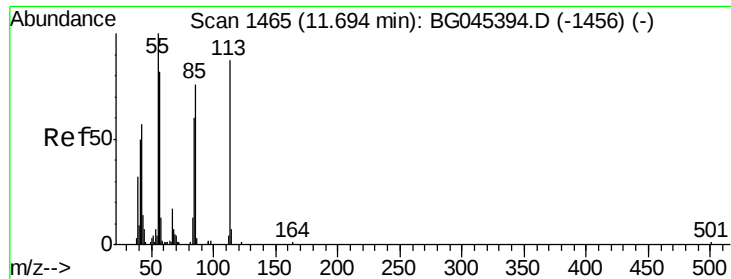
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#34
Hexachlorobutadiene
Concen: 42.785 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	49.1	73.7		
227	64.4	52.0	78.0		





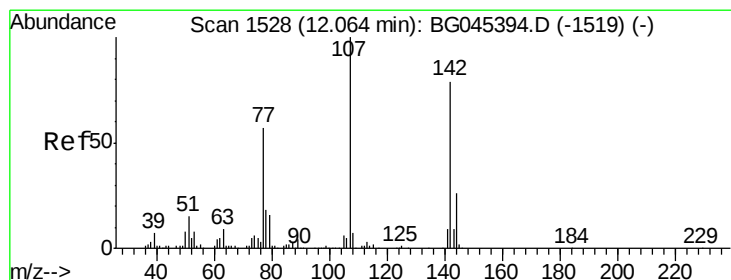
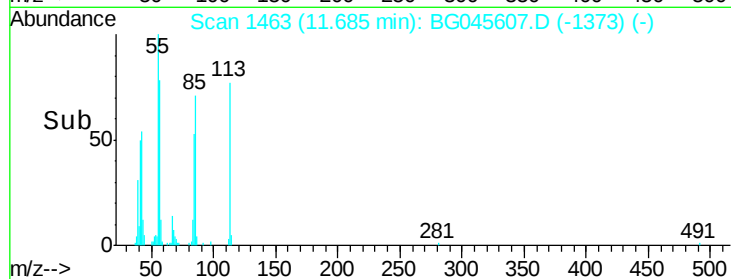
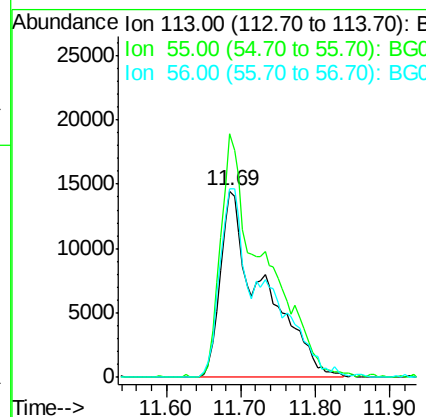
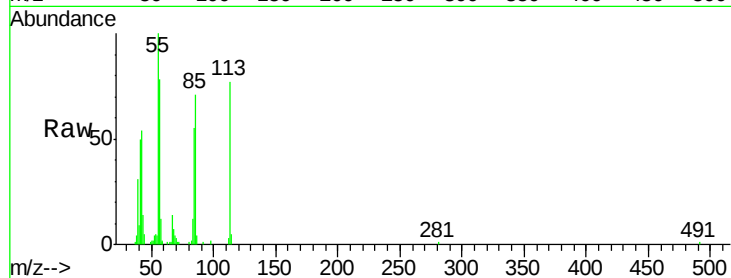
#35
 Caprolactam
 Concen: 50.747 ng/ml
 RT: 11.69 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Instrument :
 BNA_G
 ClientSampleID :
 PB129295BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	130.6	96.0	136.0
56	101.2	75.1	115.1

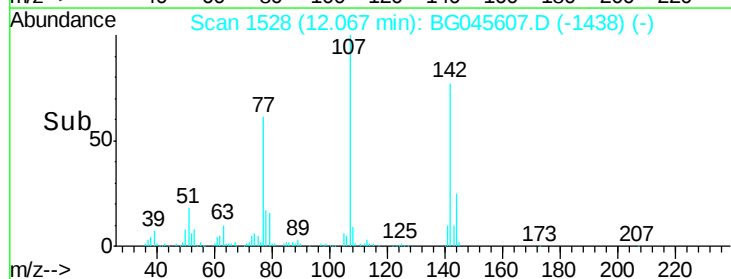
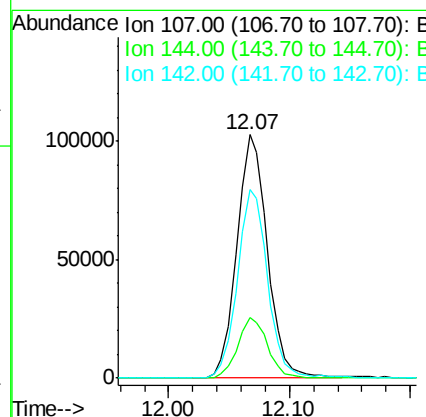
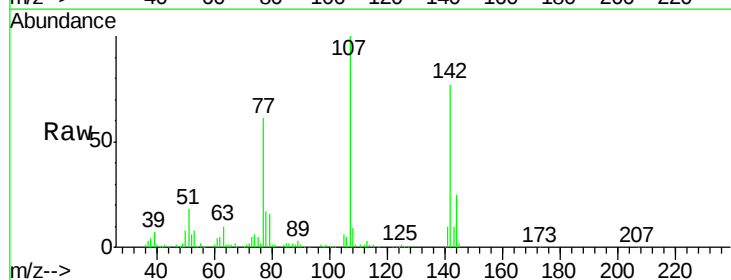
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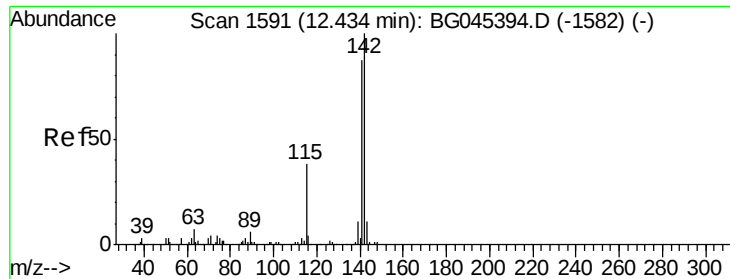
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#36
 4-Chloro-3-methylphenol
 Concen: 51.855 ng
 RT: 12.07 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.8	31.2
142	77.3	62.8	94.2





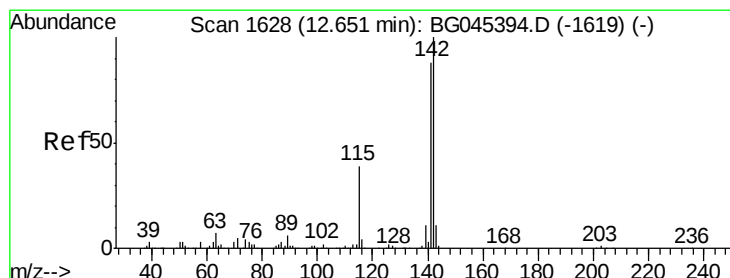
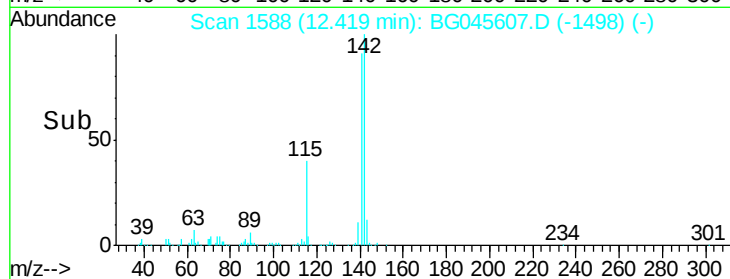
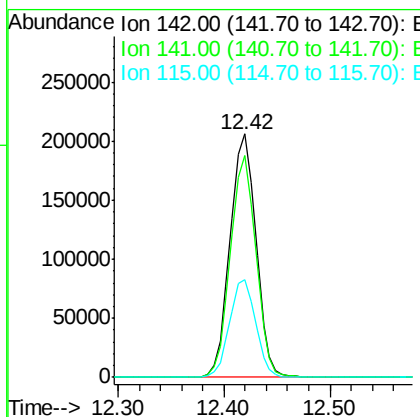
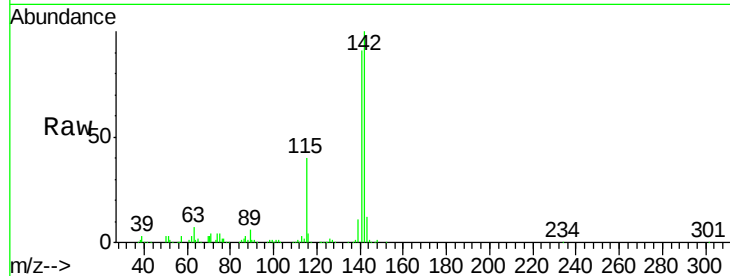
#37
2-Methylnaphthalene
Concen: 47.940 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampled :
PB129295BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.0	105.0
115	40.3	30.8	46.2

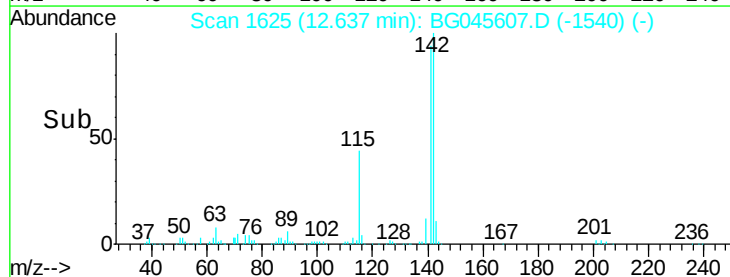
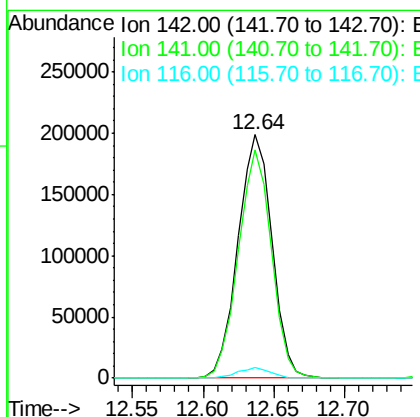
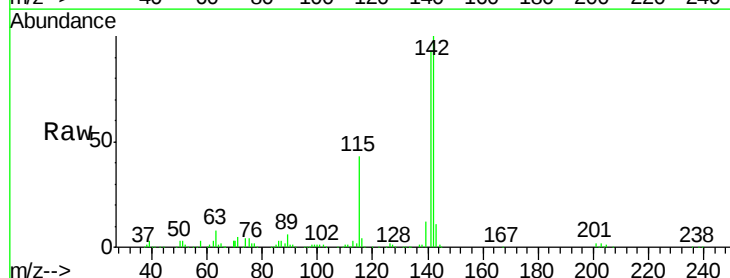
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#38
1-Methylnaphthalene
Concen: 48.544 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	70.8	106.2
116	4.3	3.0	4.6





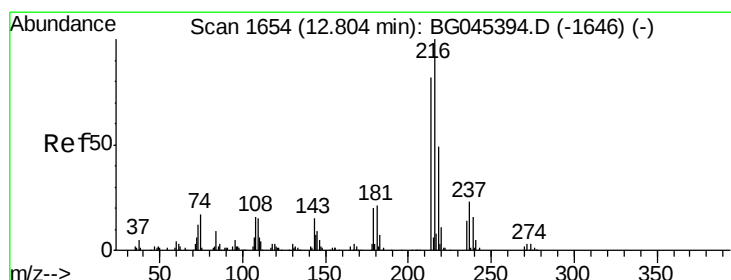
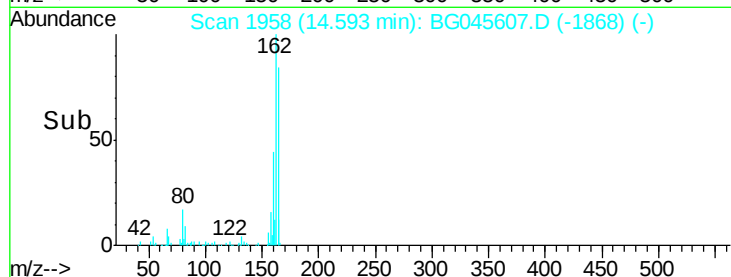
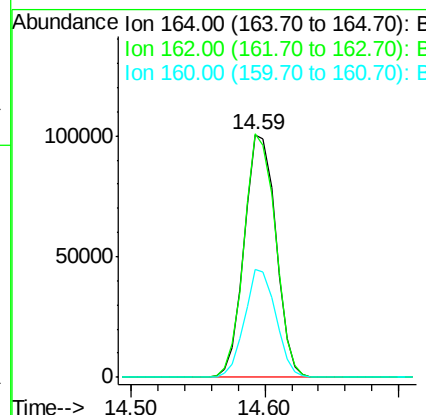
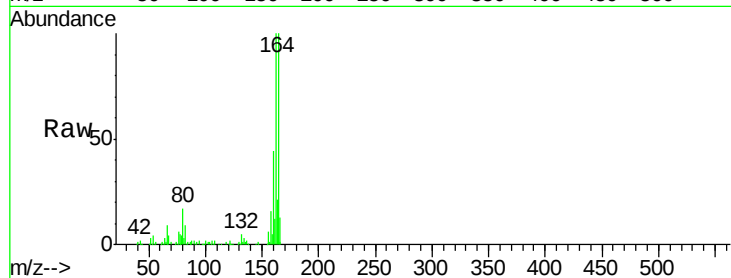
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampleId :
PB129295BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	76.9	115.3
160	44.6	33.8	50.8

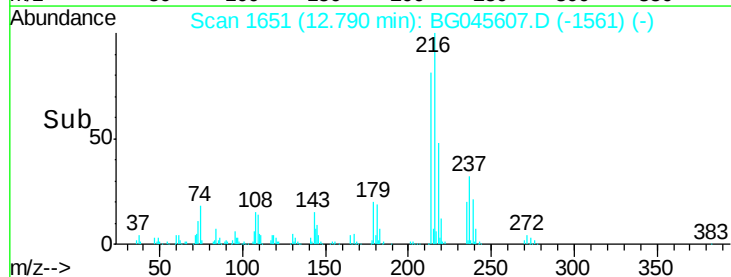
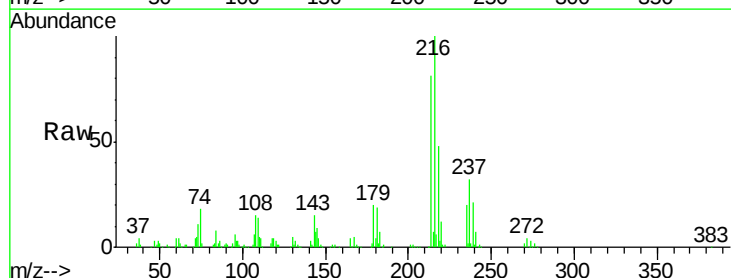
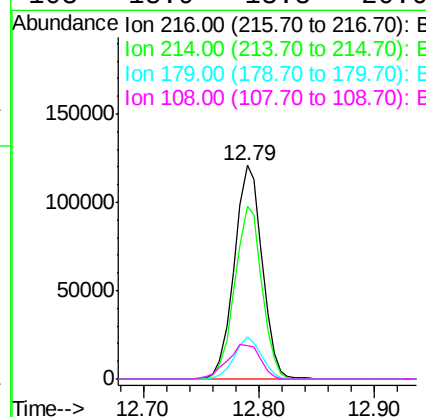
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.692 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.7	95.5
179	19.2	16.1	24.1
108	18.9	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 92.815 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

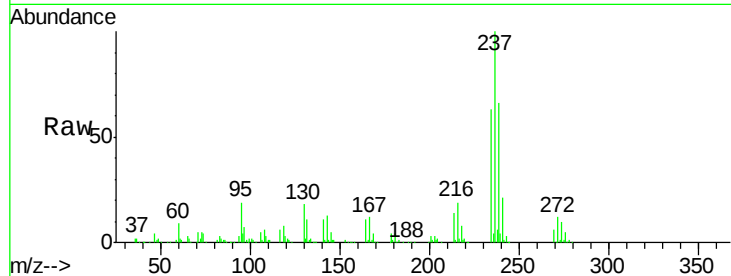
ClientSampleId :

PB129295BS

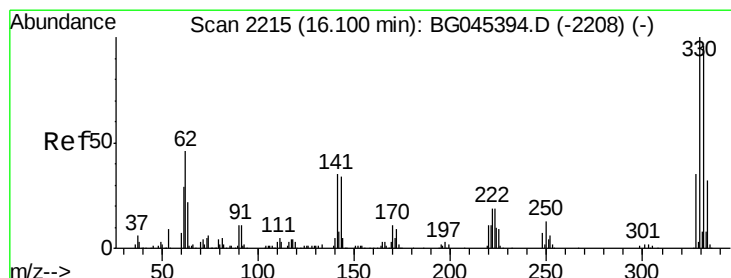
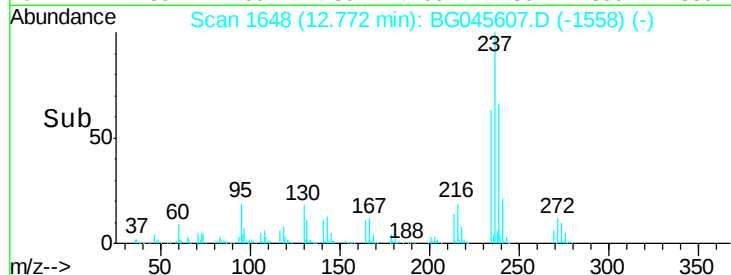
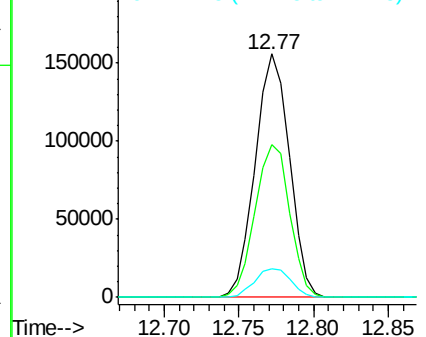
Tot Ion:	237	Resp:	246393
Ion Ratio	Lower	Upper	
237	100		
235	62.6	44.4	84.4
272	12.0	0.0	32.5

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 139.236 ng

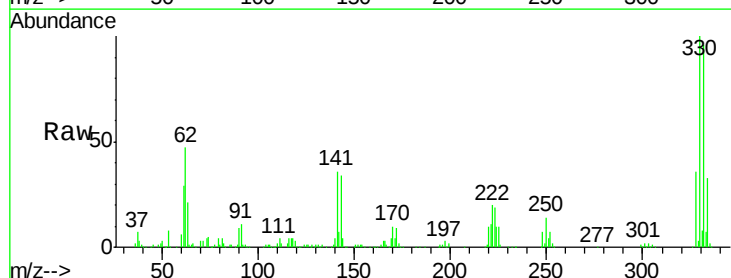
RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

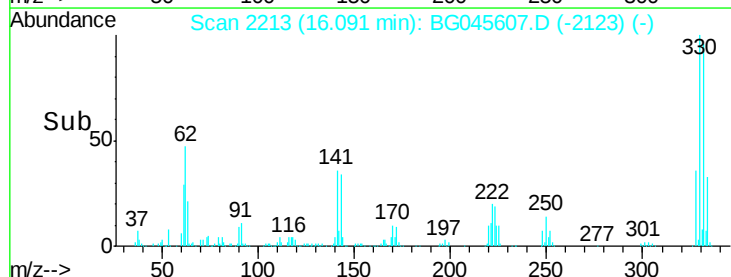
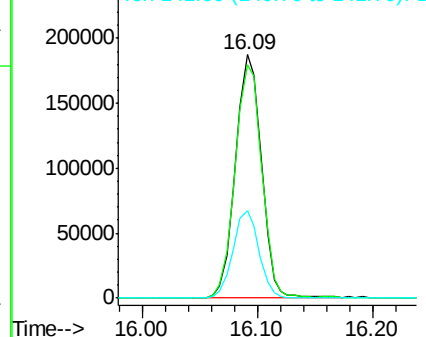
Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Tgt Ion:	330	Resp:	293216
Ion Ratio	Lower	Upper	
330	100		
332	98.3	78.2	117.4
141	35.7	28.2	42.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





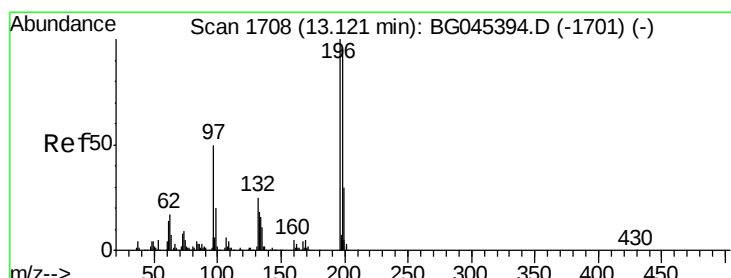
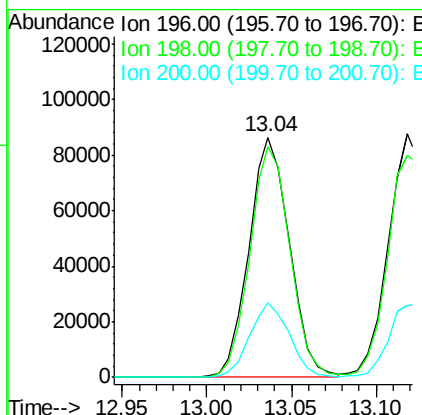
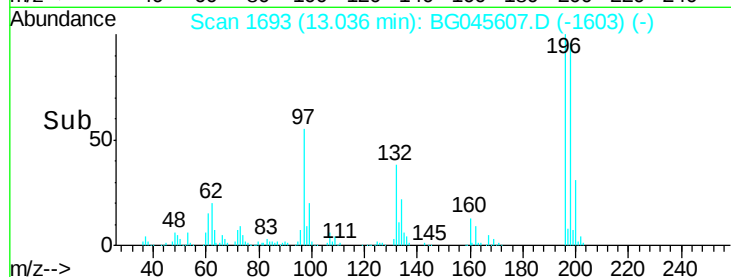
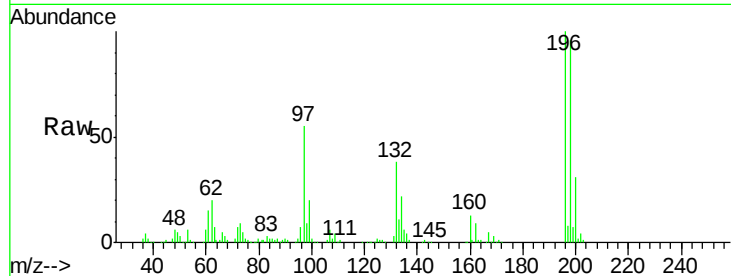
#43
 2,4,6-Trichlorophenol
 Concen: 44.974 ng
 RT: 13.04 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Instrument :
 BNA_G
 ClientSampled :
 PB129295BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	143691		
198	96.1	76.7	115.1	
200	30.9	24.9	37.3	

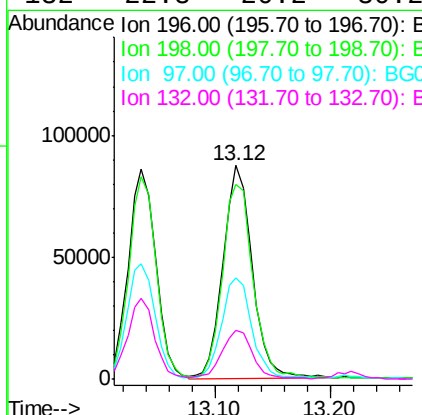
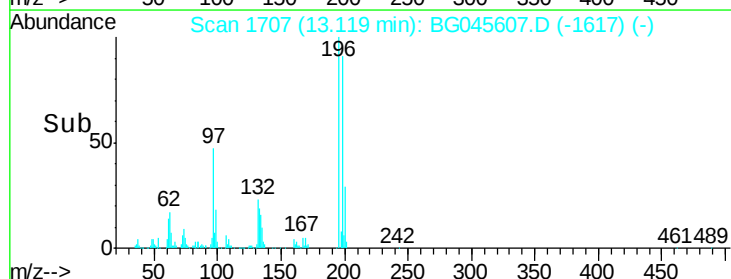
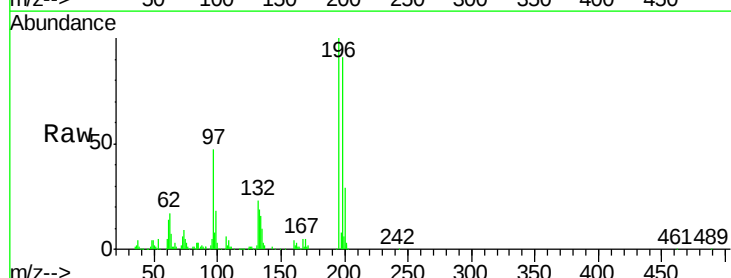
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#44
 2,4,5-Trichlorophenol
 Concen: 42.132 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	153828		
198	90.9	76.1	114.1	
97	47.3	40.0	60.0	
132	22.8	20.2	30.2	





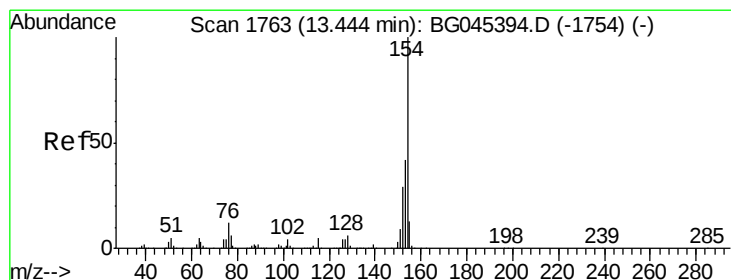
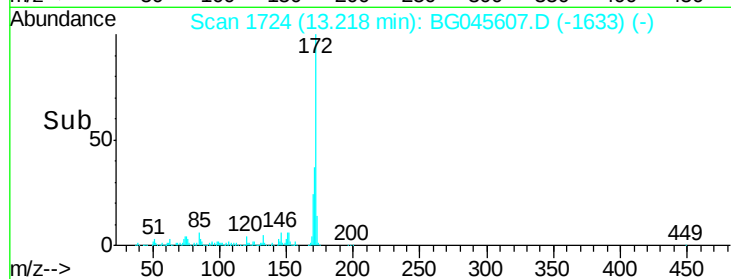
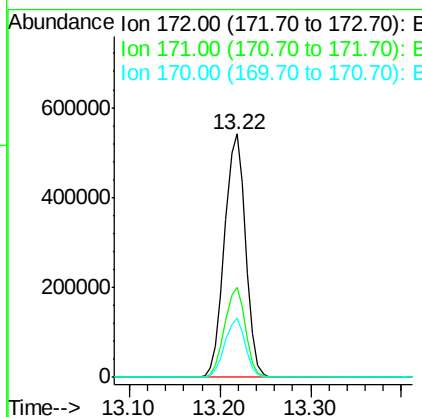
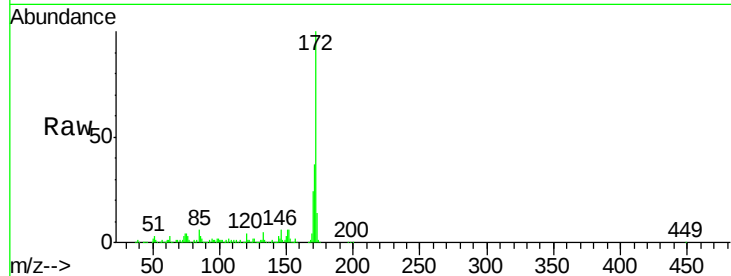
#45
2-Fluorobiphenyl
Concen: 89.938 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampleId :
PB129295BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.5	44.3
170	24.2	18.5	27.7

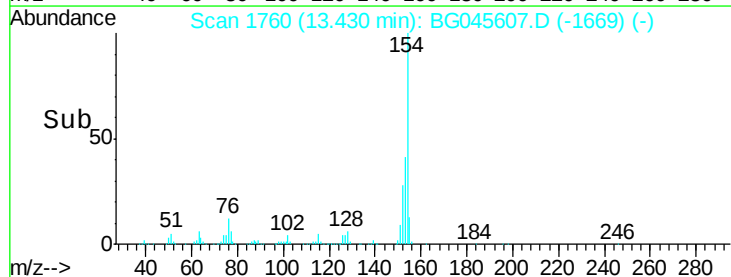
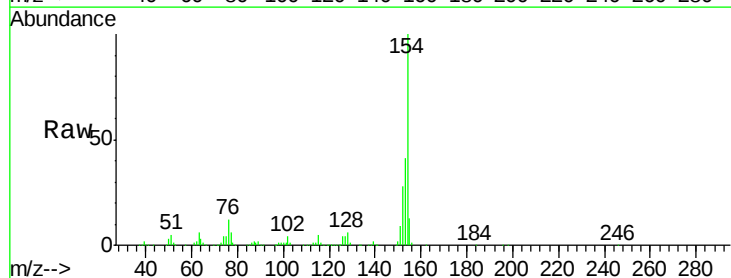
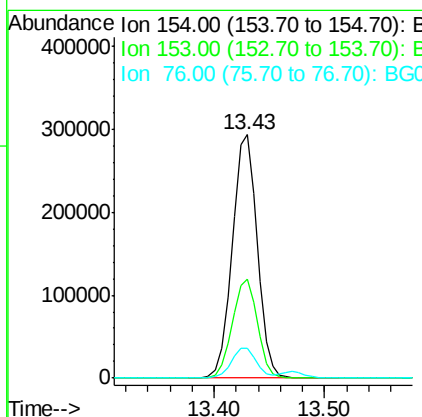
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#46
1,1'-Biphenyl
Concen: 46.143 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.2	62.2
76	12.3	0.0	32.4





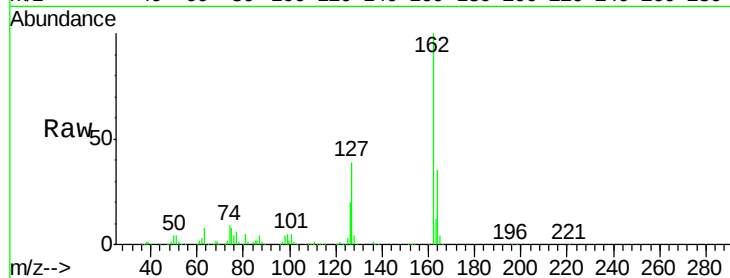
#47
2-Chloronaphthalene
Concen: 42.824 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampleId :
PB129295BS

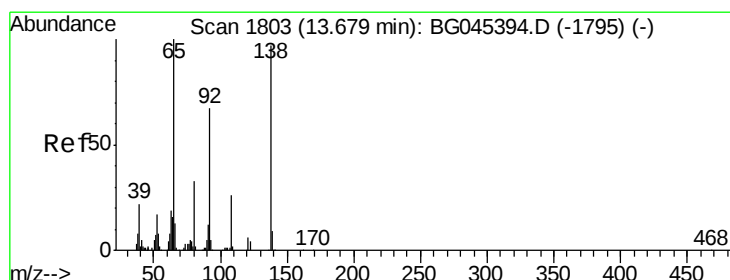
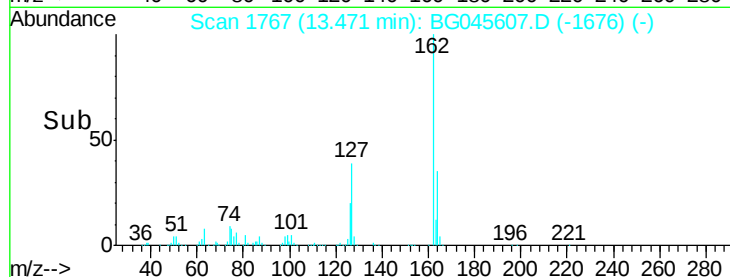
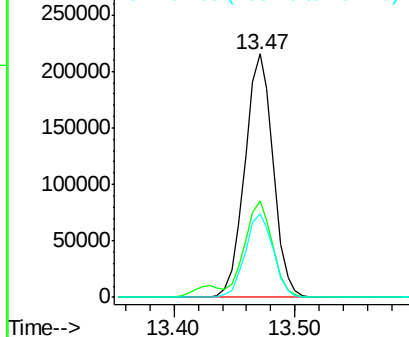
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.5	31.6	47.4	
164	34.5	28.1	42.1	

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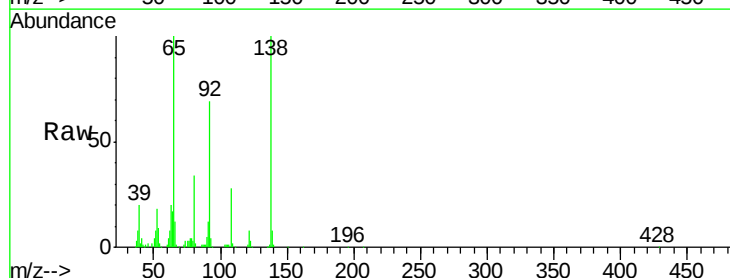


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

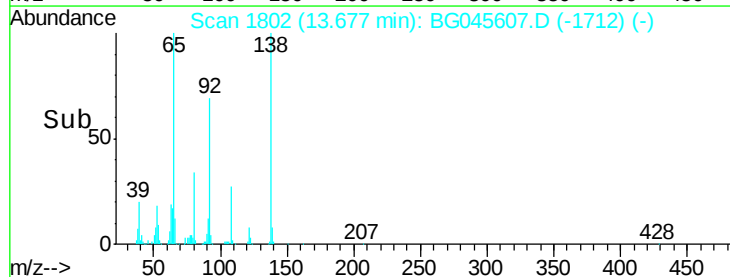
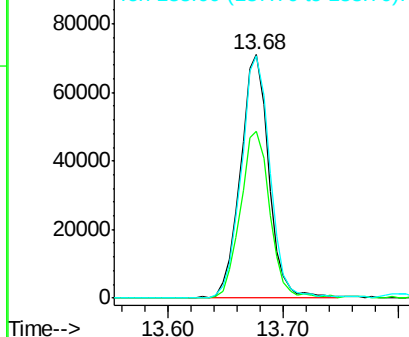


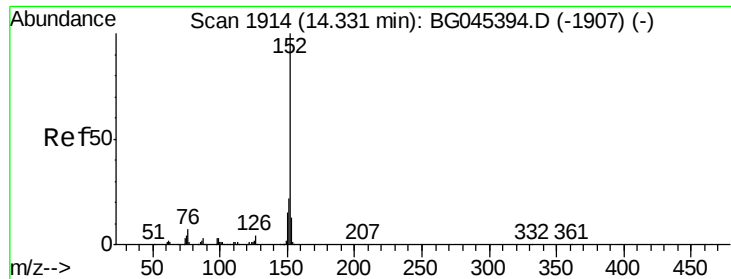
#48
2-Nitroaniline
Concen: 44.753 ng
RT: 13.68 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	68.6	53.8	80.8	
138	99.7	77.9	116.9	



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.035 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

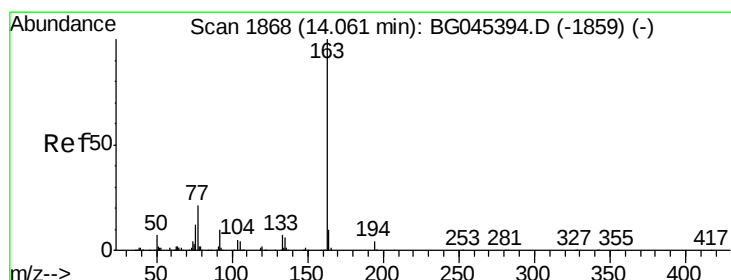
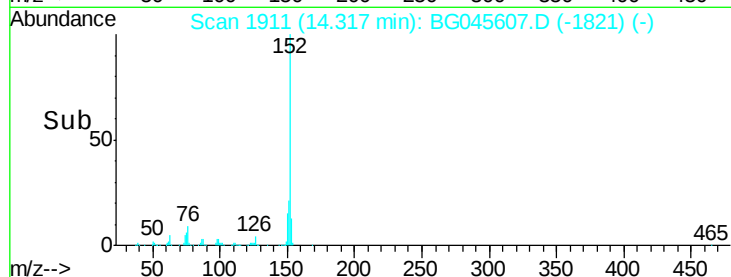
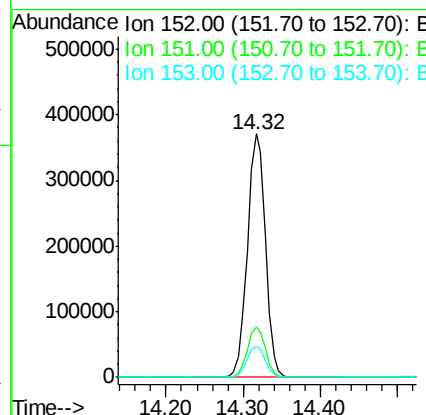
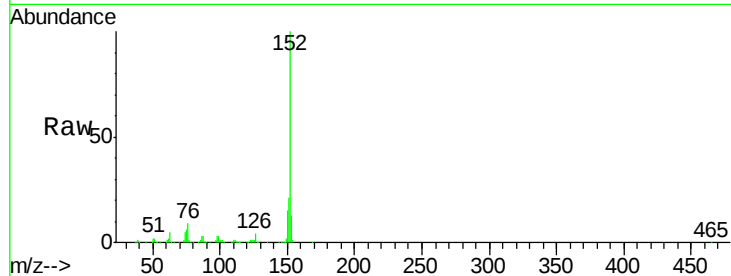
ClientSampleId :

PB129295BS

Tot Ion:	152	Resp:	607532
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.4	26.2
153	12.8	10.7	16.1

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#50

Dimethylphthalate

Concen: 45.169 ng

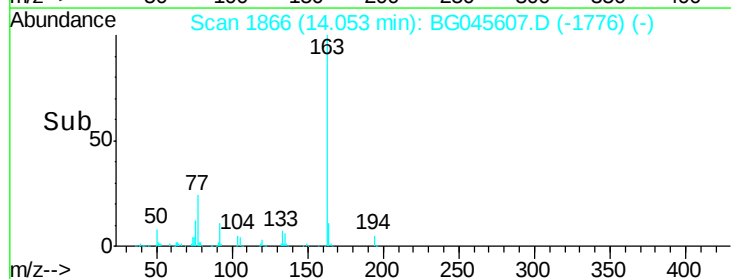
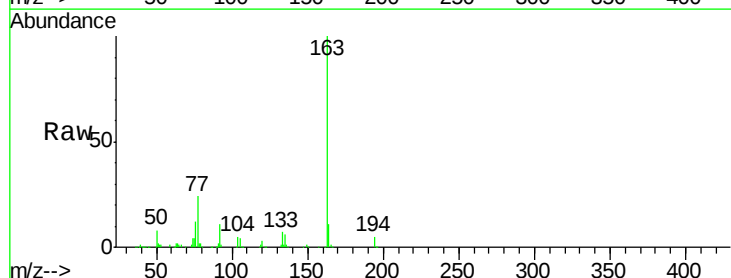
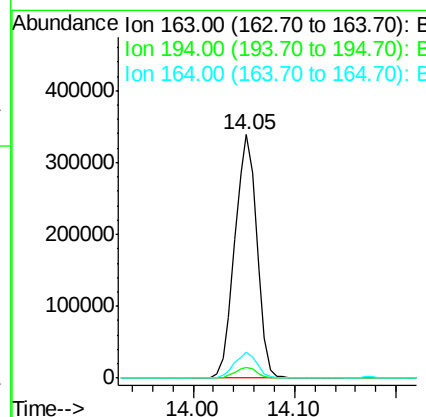
RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Tgt Ion:	163	Resp:	510227
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.2	4.8
164	10.7	8.3	12.5





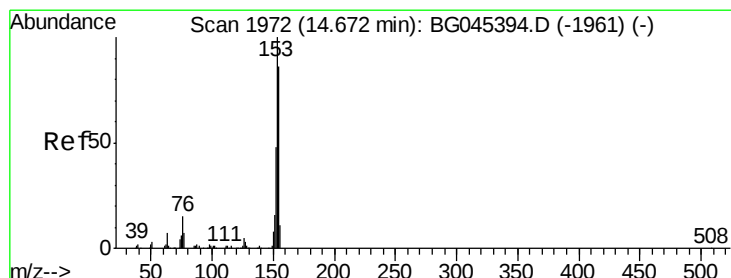
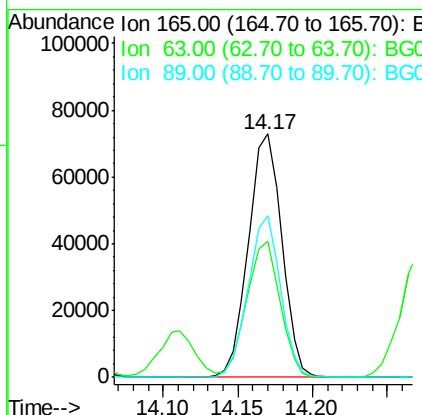
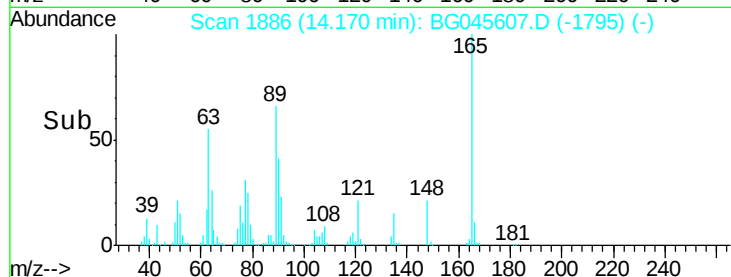
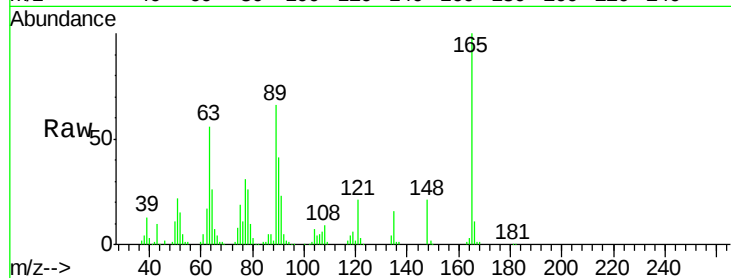
#51
 2,6-Dinitrotoluene
 Concen: 44.361 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Instrument :
 BNA_G
 ClientSampleId :
 PB129295BS

Tot Ion:	165	Resp:	113073
Ion Ratio	Lower	Upper	
165	100		
63	55.8	45.0	67.4
89	66.4	50.2	75.4

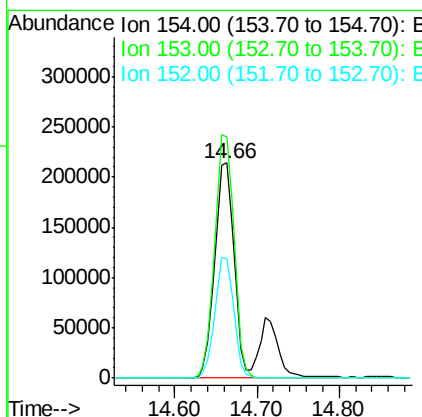
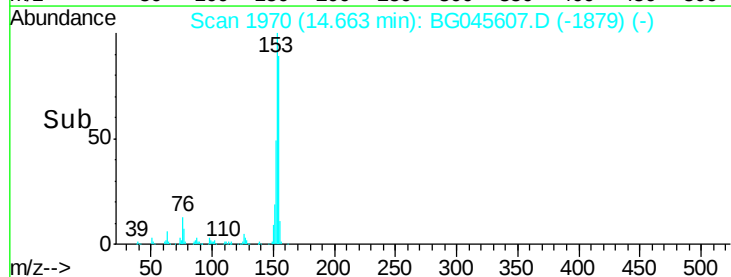
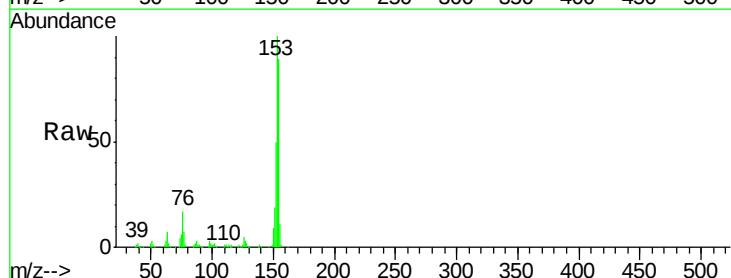
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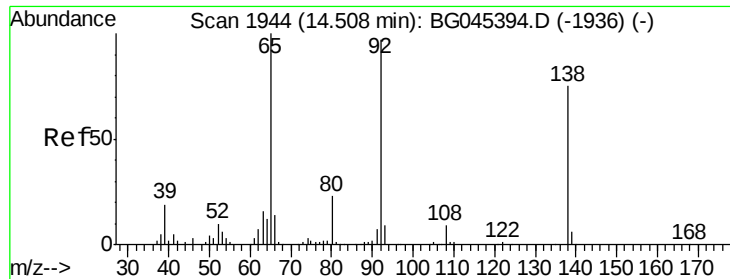
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#52
 Acenaphthene
 Concen: 51.028 ng m
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Tgt Ion:	154	Resp:	450776
Ion Ratio	Lower	Upper	
154	100		
153	112.1	92.8	139.2
152	55.5	44.6	66.8





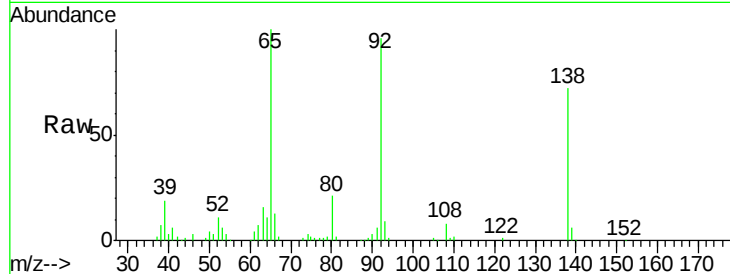
#53
3-Nitroaniline
Concen: 24.570 ng
RT: 14.50 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampleId :
PB129295BS

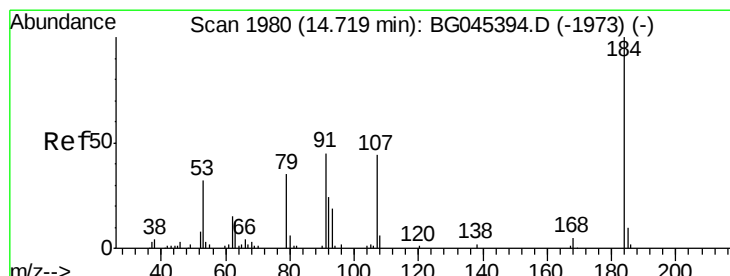
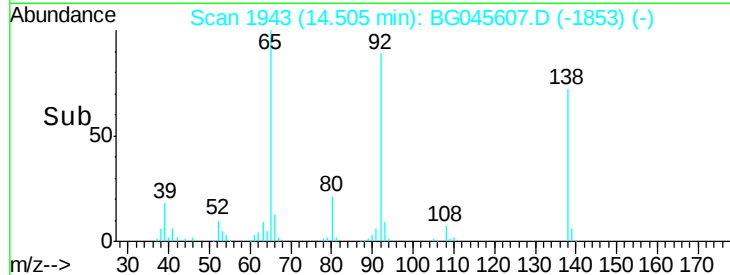
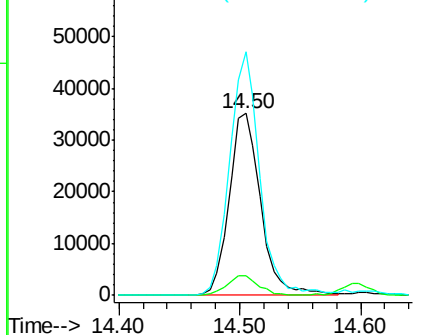
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.8	14.6
92	133.7	103.0	154.4

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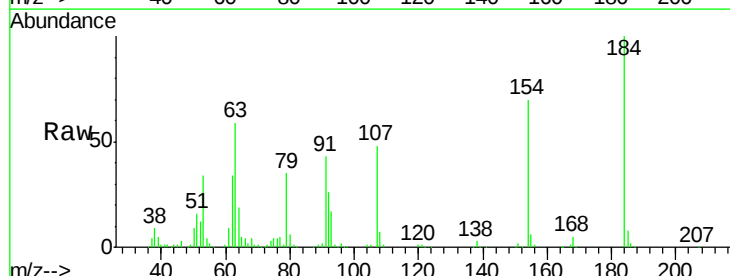


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

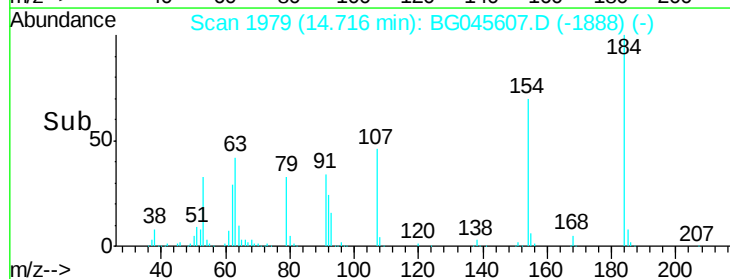
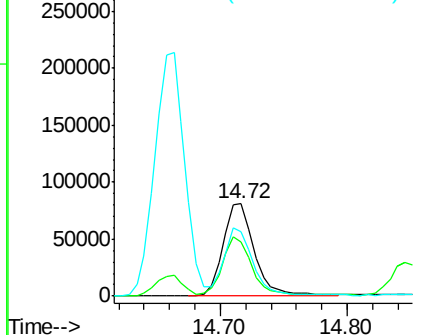


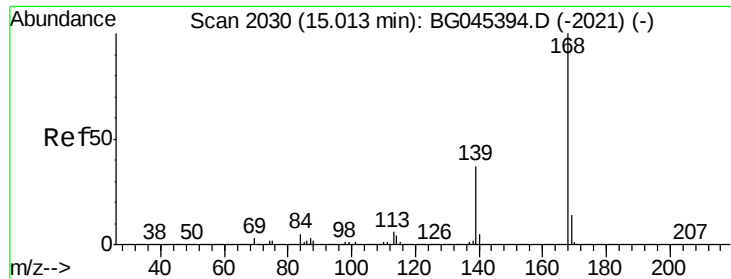
#54
2,4-Dinitrophenol
Concen: 83.489 ng
RT: 14.72 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.4	47.8	71.6
154	70.4	58.3	87.5



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





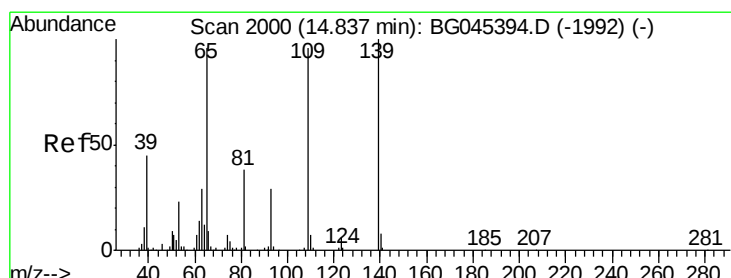
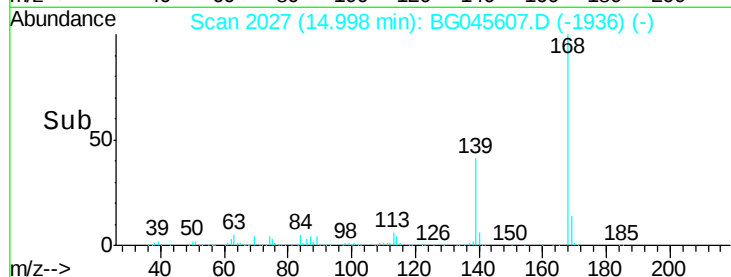
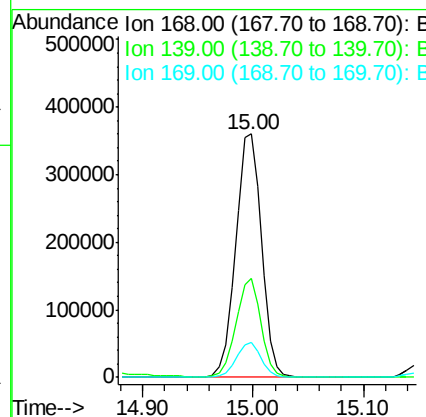
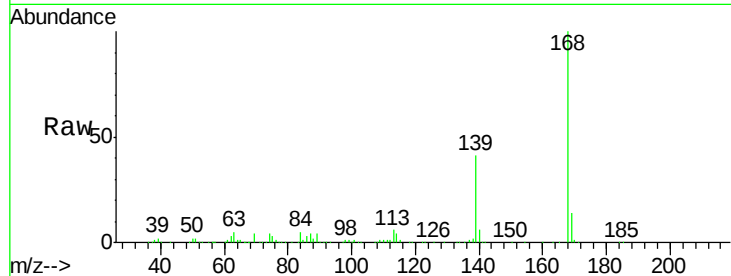
#55
Dibenzofuran
Concen: 44.983 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampleId :
PB129295BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.6	29.9	44.9	
169	14.4	10.9	16.3	

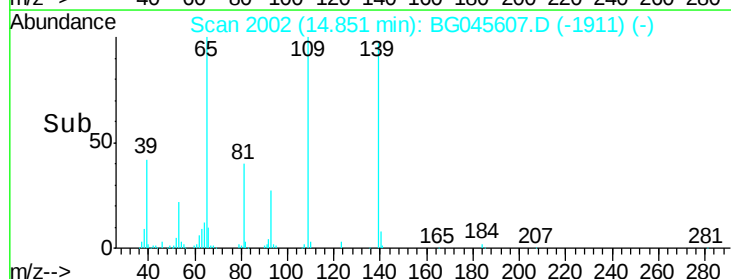
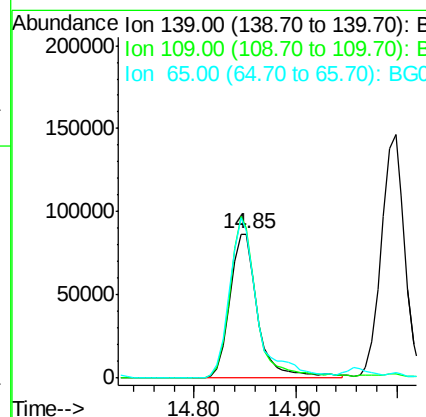
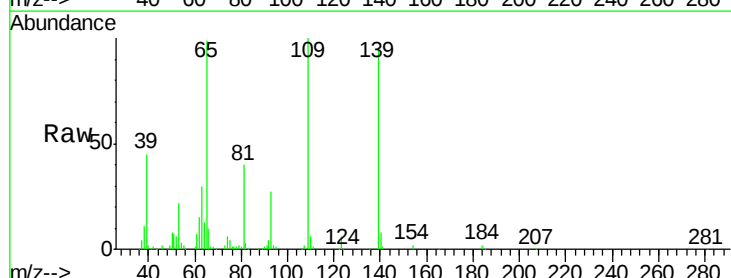
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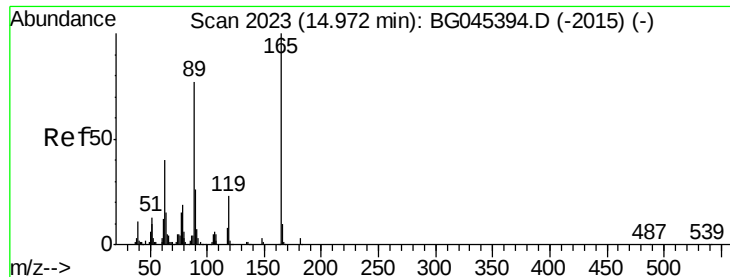
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#56
4-Nitrophenol
Concen: 84.724 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	104.5	75.6	115.6	
65	103.0	76.8	116.8	





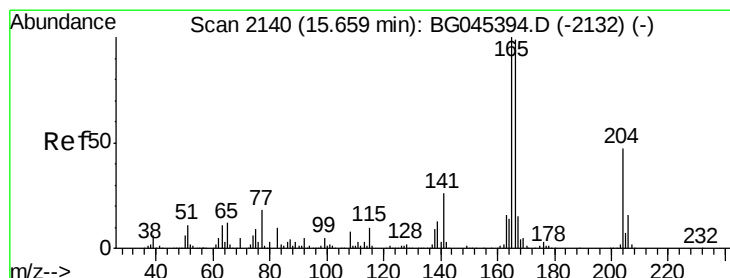
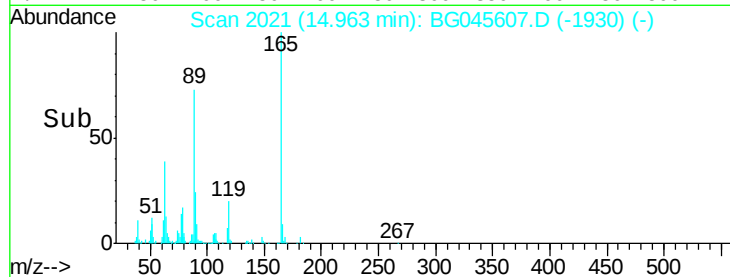
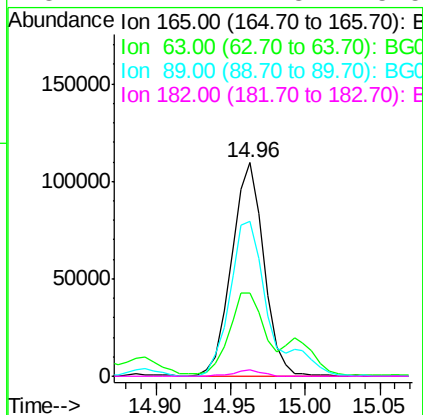
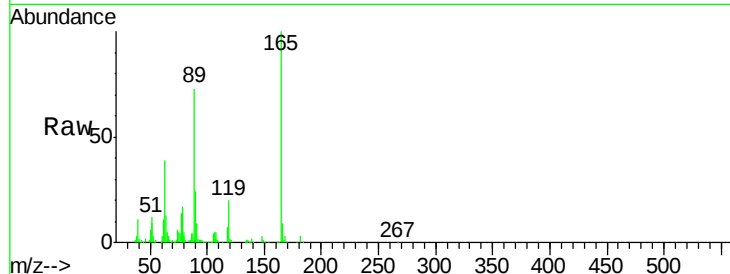
#57
2,4-Dinitrotoluene
Concen: 44.896 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampleId :
PB129295BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.2	32.5	48.7
89	72.7	61.8	92.6
182	2.7	2.3	3.5

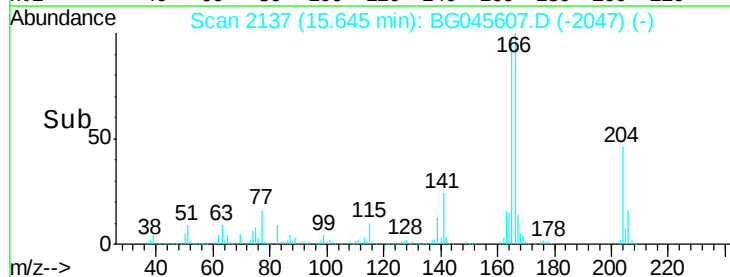
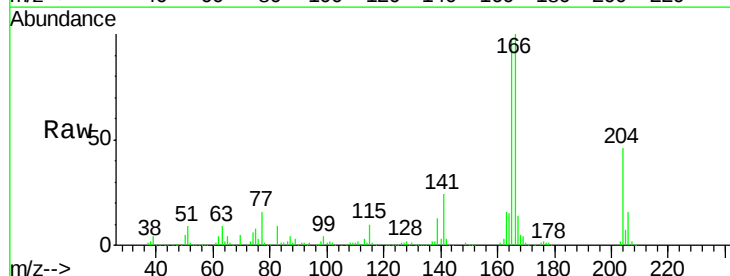
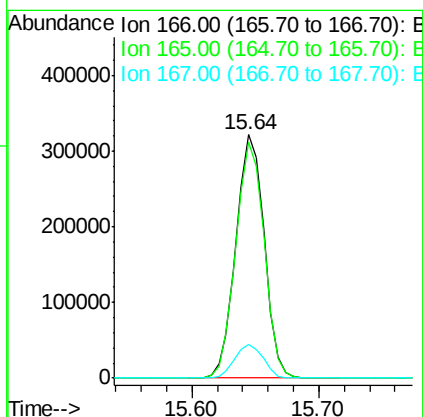
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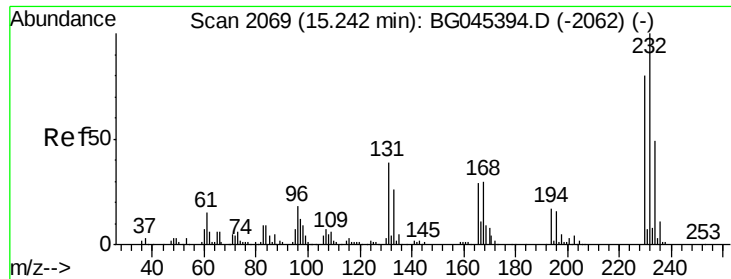
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#58
Fluorene
Concen: 46.109 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	80.8	121.2
167	14.0	12.0	18.0





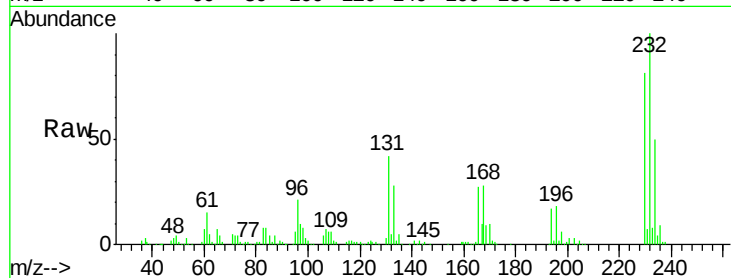
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.981 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Instrument :
 BNA_G
 ClientSampleId :
 PB129295BS

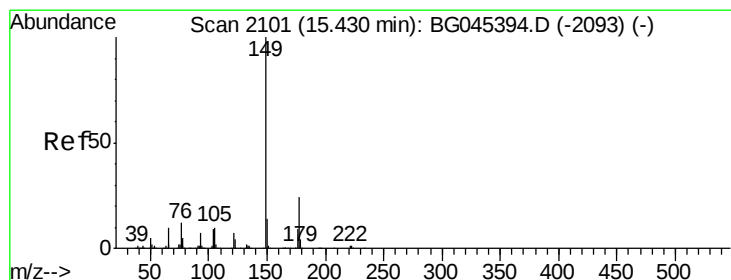
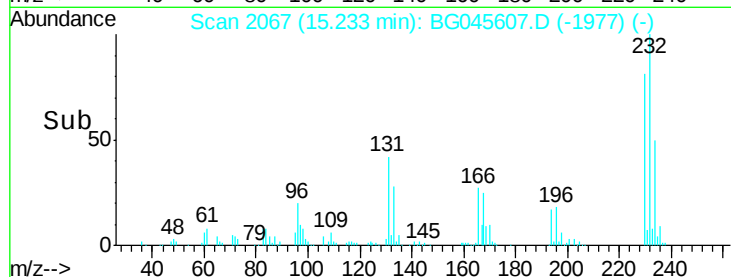
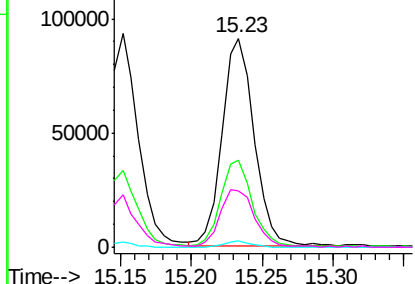
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.1	33.7	50.5
130	2.7	2.1	3.1
166	29.3	23.2	34.8

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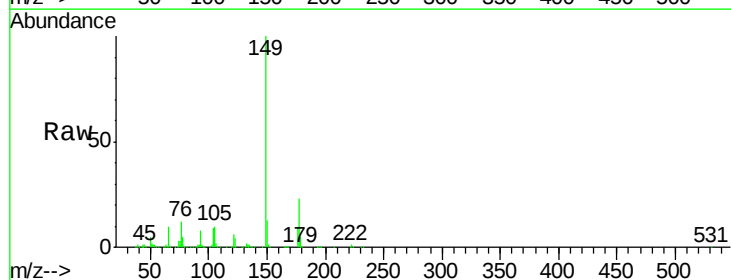


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

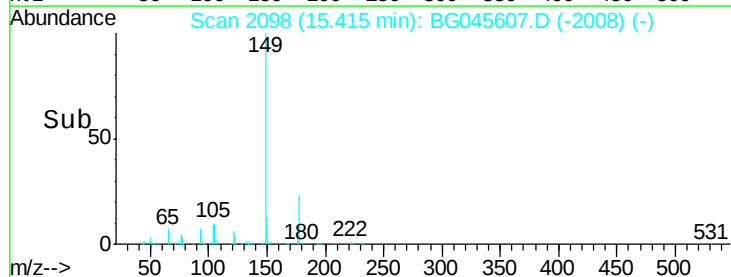
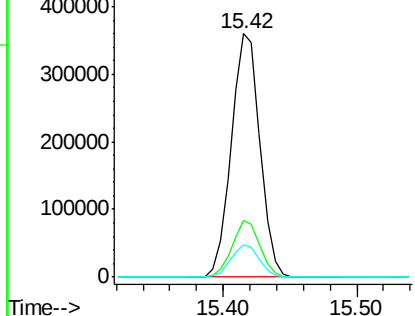


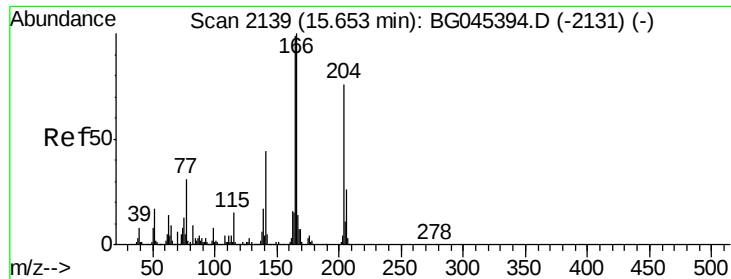
#60
 Diethylphthalate
 Concen: 45.580 ng
 RT: 15.42 min Scan# 2098
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.0	28.4
150	13.1	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





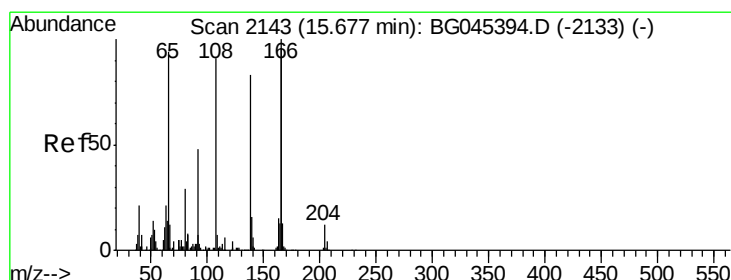
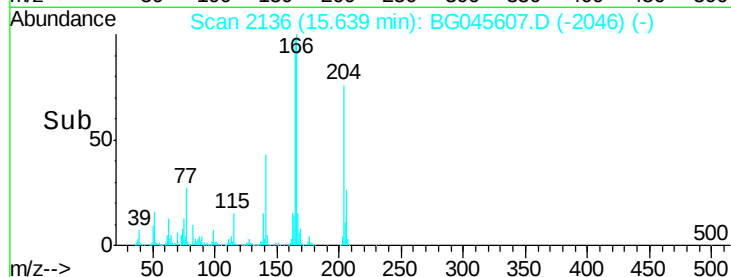
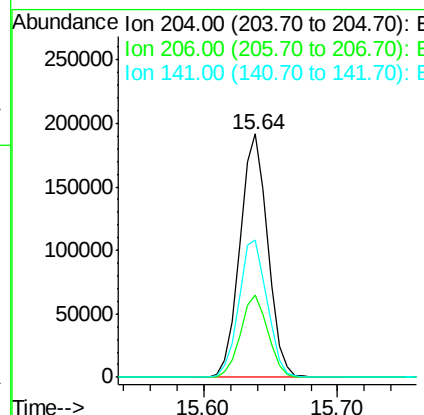
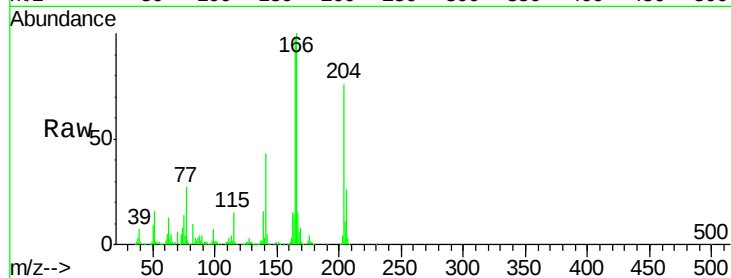
#61
4-Chlorophenyl-phenylether
Concen: 44.816 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampleId :
PB129295BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	27.3	40.9
141	56.3	45.9	68.9

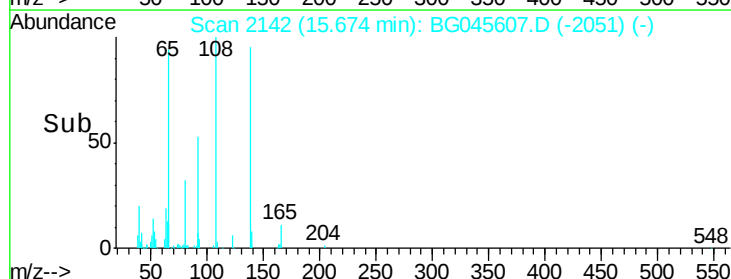
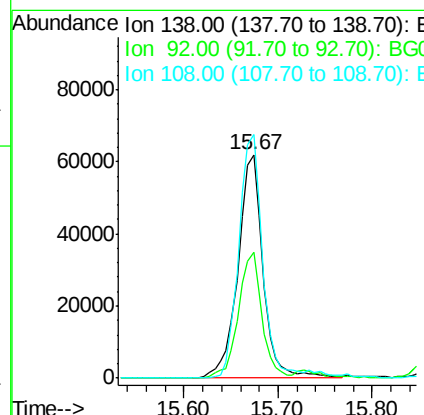
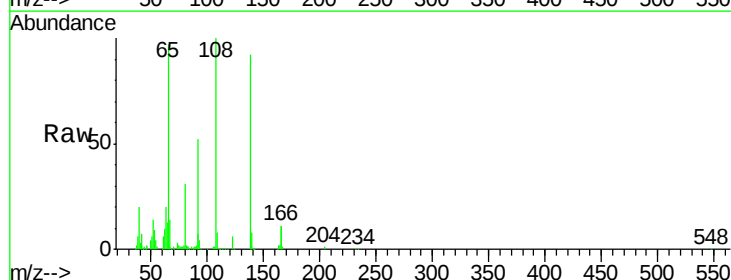
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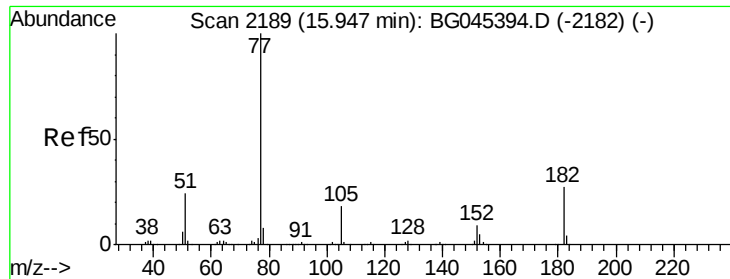
mohammad
6/5/2020 10:30:02 AM



#62
4-Nitroaniline
Concen: 42.763 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.1	38.0	78.0
108	108.9	89.3	129.3





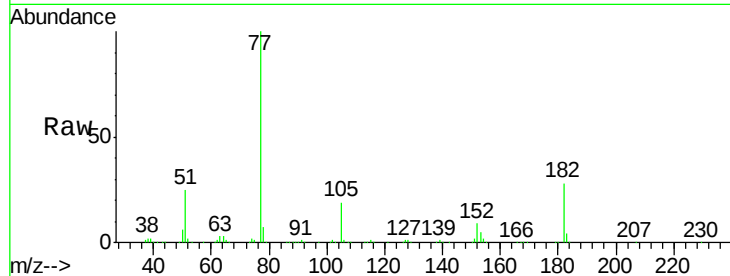
#63
Azobenzene
Concen: 46.099 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampleId :
PB129295BS

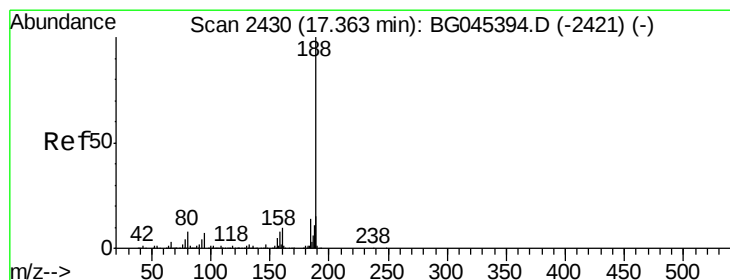
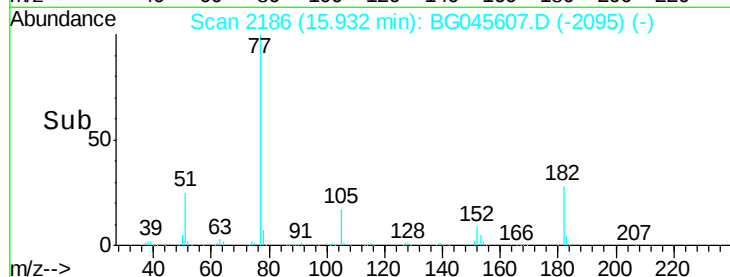
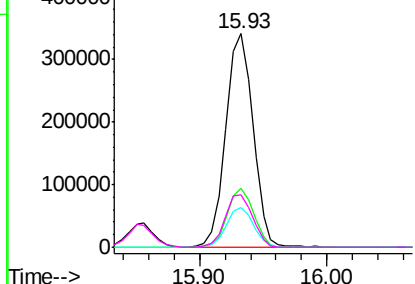
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		505384		
182	27.6	6.5	46.5		
105	18.7	0.0	37.9		
51	24.8	4.1	44.1		

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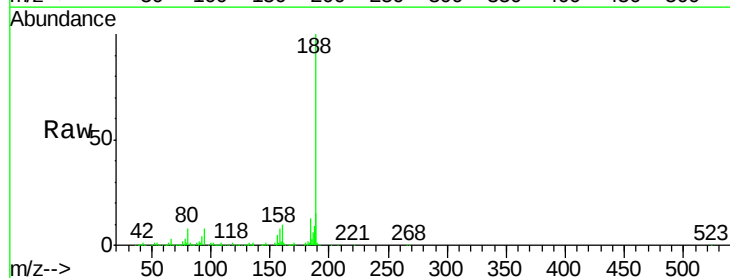


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

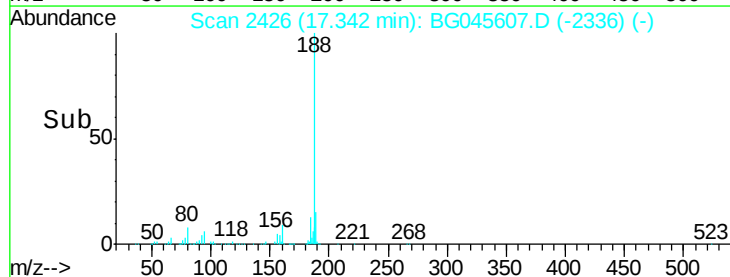
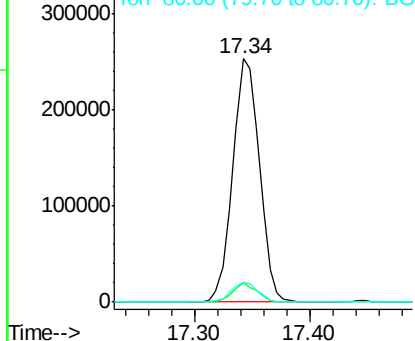


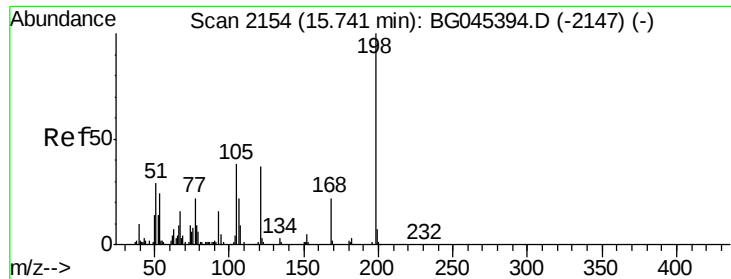
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		404749		
94	7.8	5.5	8.3		
80	8.2	6.6	10.0		



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





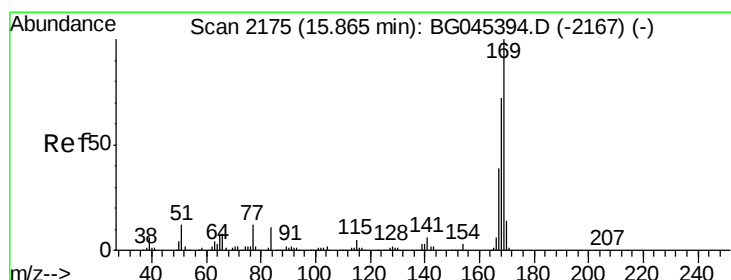
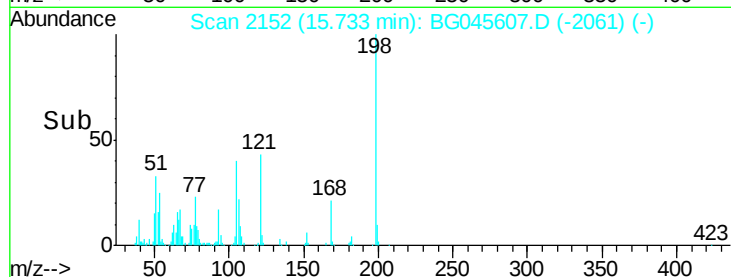
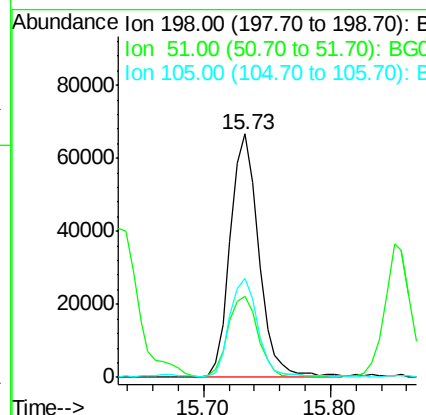
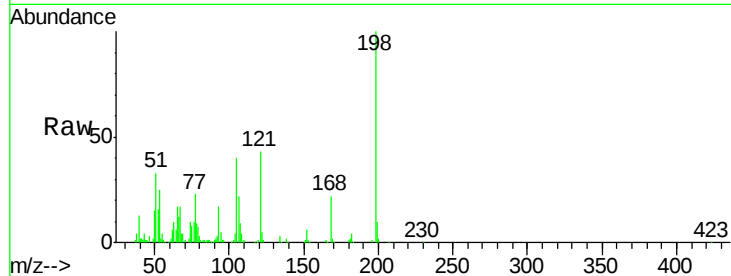
#65
4,6-Dinitro-2-methylphenol
Concen: 44.240 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampleId :
PB129295BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	104284		
51	33.1	10.0	50.0	
105	40.4	18.9	58.9	

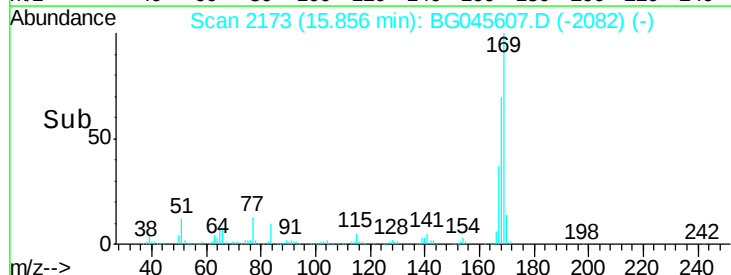
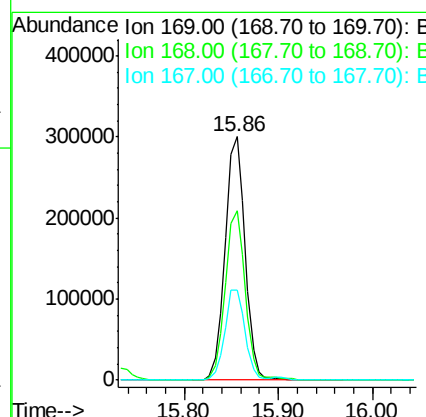
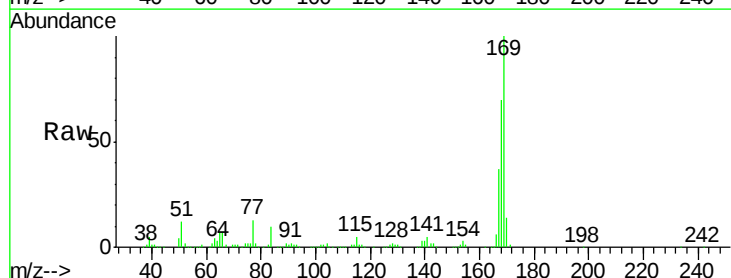
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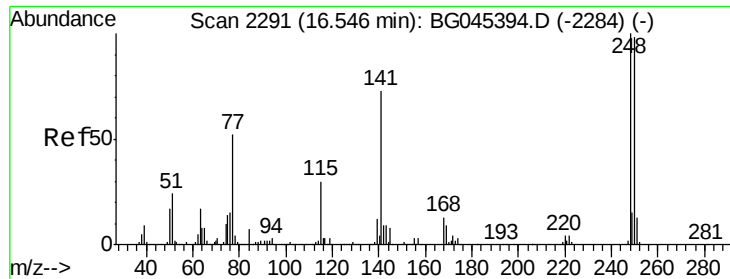
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#66
n-Nitrosodiphenylamine
Concen: 45.800 ng
RT: 15.86 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	445083		
168	69.7	57.8	86.6	
167	37.0	31.5	47.3	





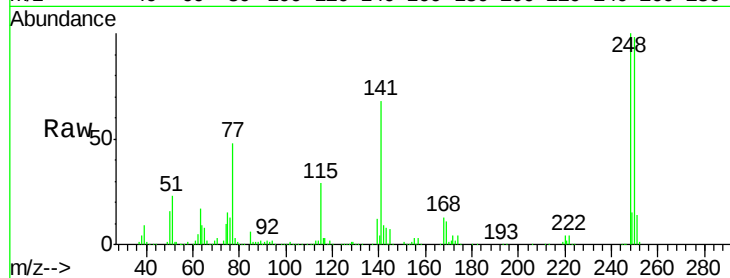
#67
4-Bromophenyl-phenylether
Concen: 44.162 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampleId :
PB129295BS

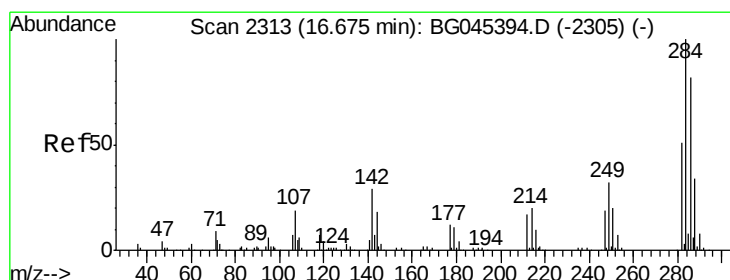
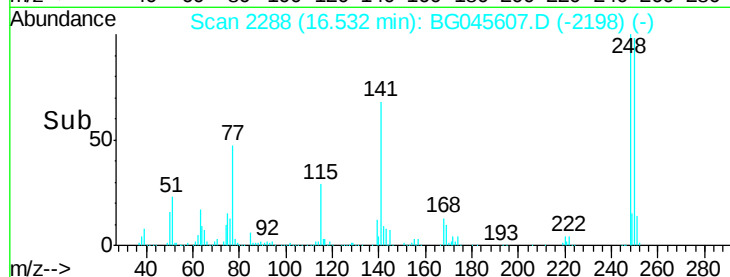
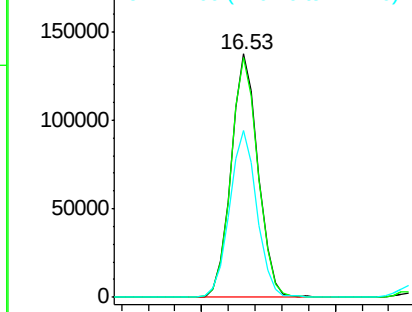
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.6	117.8
141	68.3	58.2	87.2

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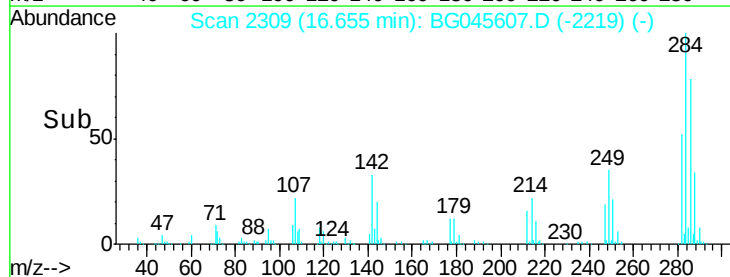
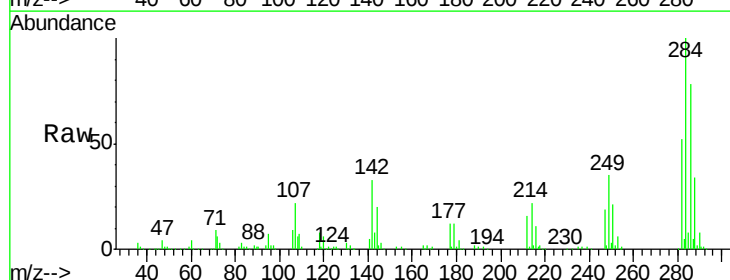
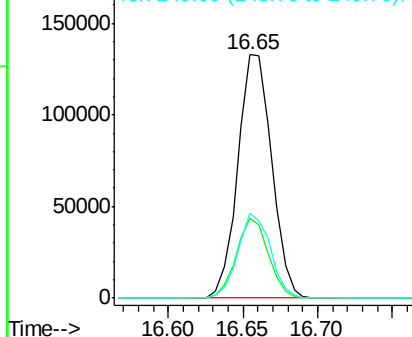
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

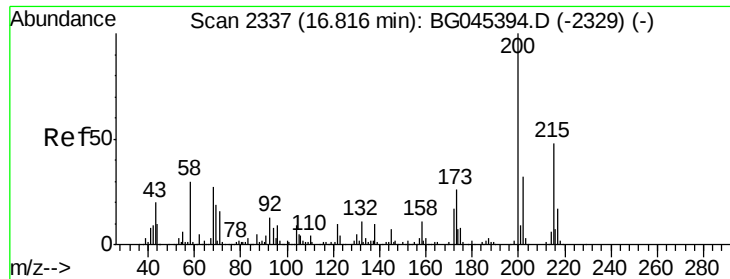


#68
Hexachlorobenzene
Concen: 45.601 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.7	23.0	34.6
249	34.9	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





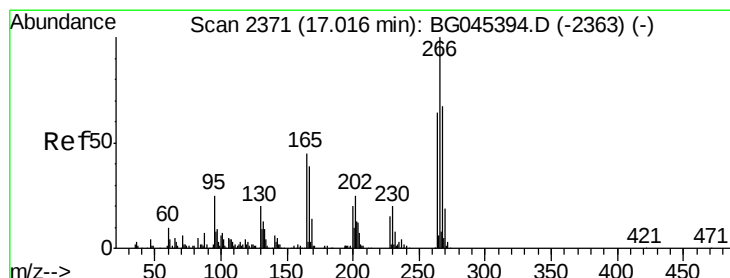
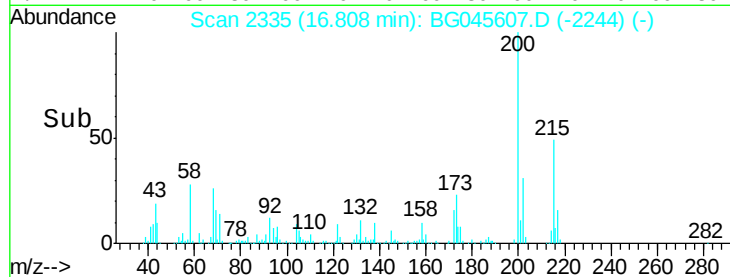
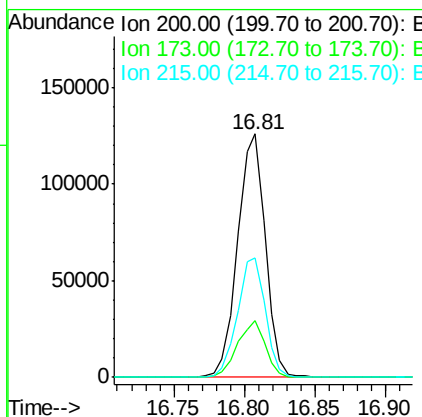
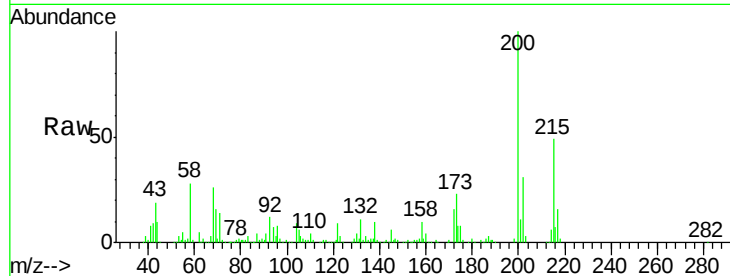
#69
 Atrazine
 Concen: 43.220 ng
 RT: 16.81 min Scan# 2335
 Delta R.T. 0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Instrument :
 BNA_G
 ClientSampleId :
 PB129295BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.5	5.5	45.5
215	48.9	28.2	68.2

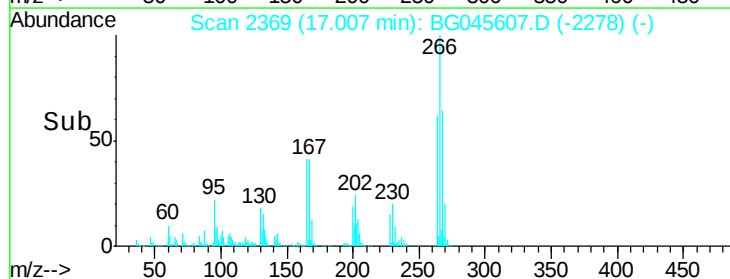
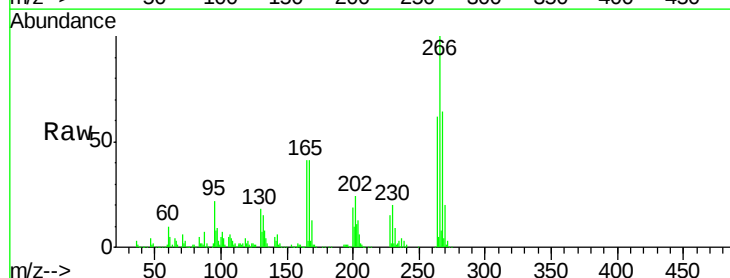
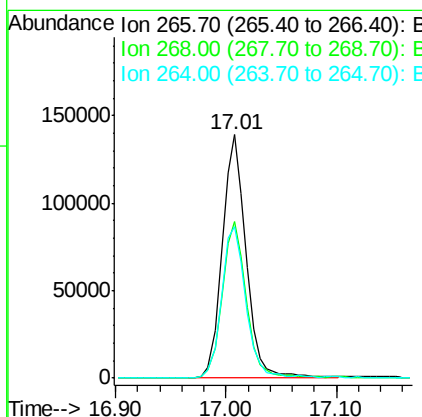
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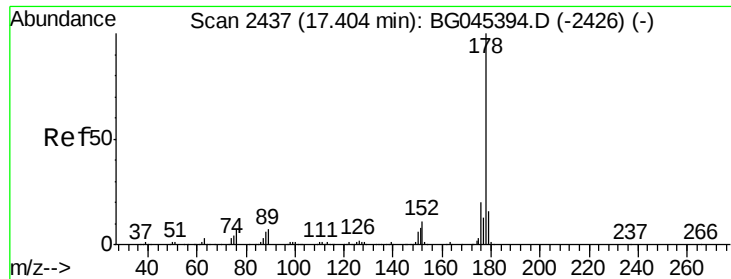
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#70
 Pentachlorophenol
 Concen: 88.319 ng
 RT: 17.01 min Scan# 2369
 Delta R.T. 0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.3	53.2	79.8
264	62.2	51.0	76.4





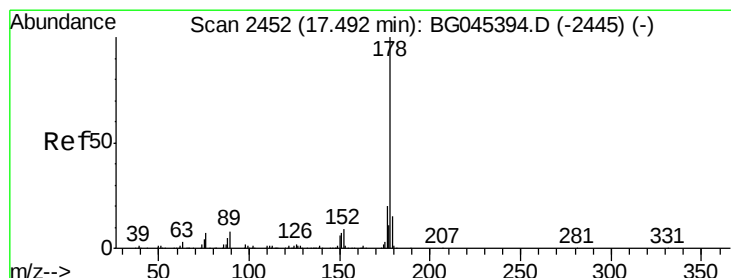
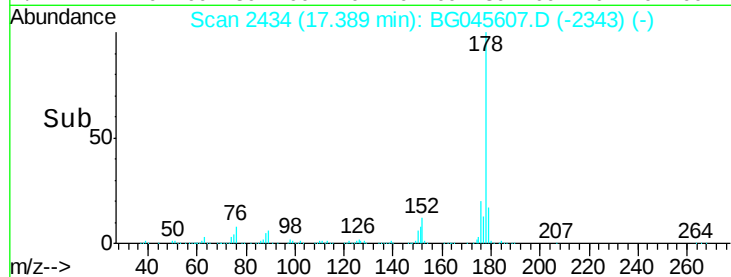
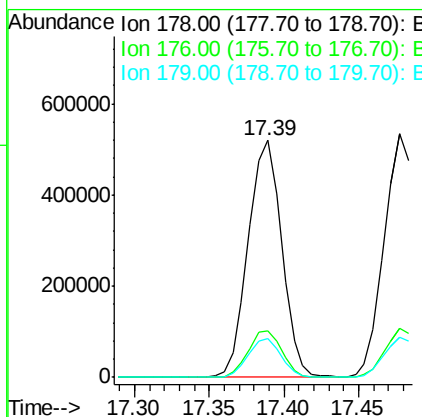
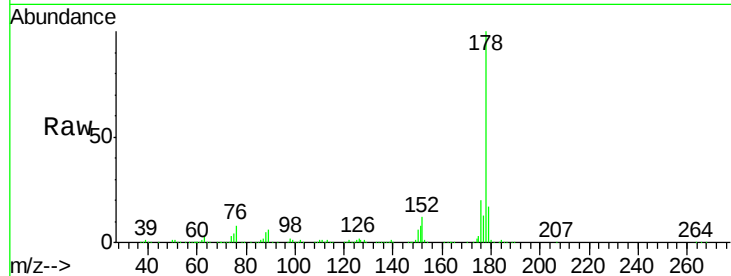
#71
Phenanthrene
Concen: 45.698 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampleId :
PB129295BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	16.6	13.1	19.7

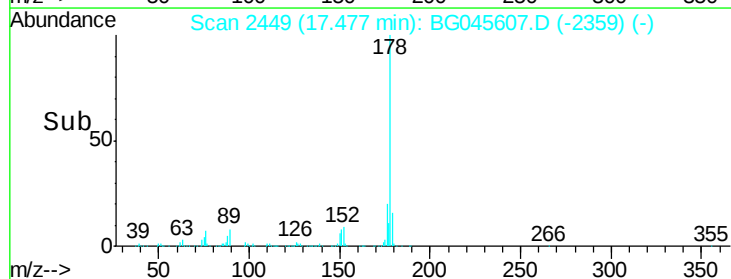
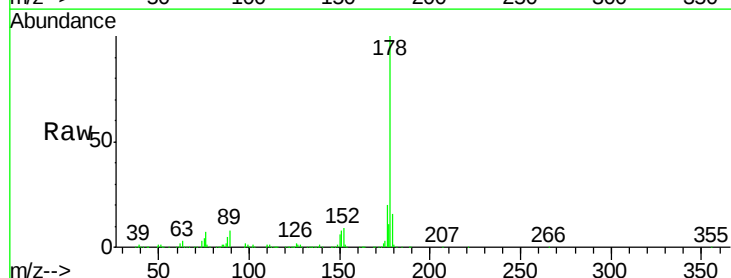
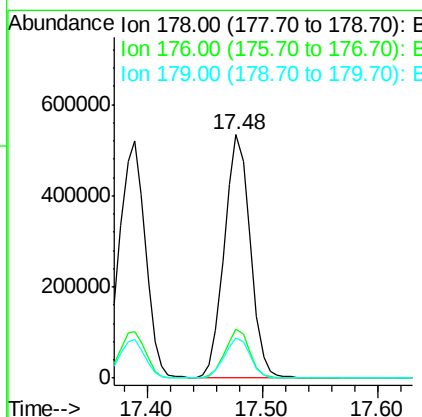
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#72
Anthracene
Concen: 46.540 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	16.4	12.2	18.4





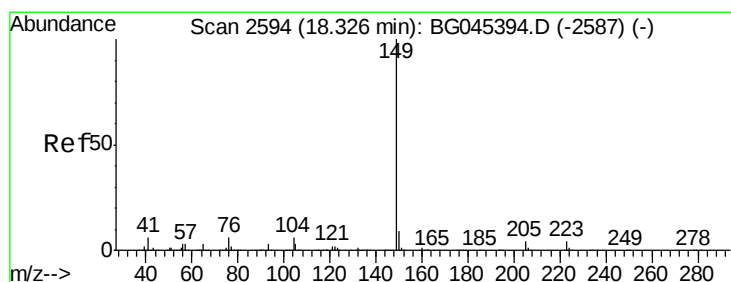
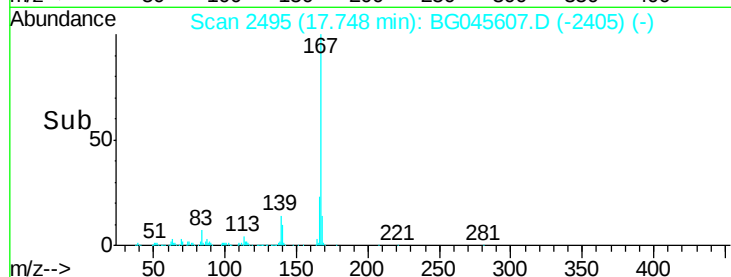
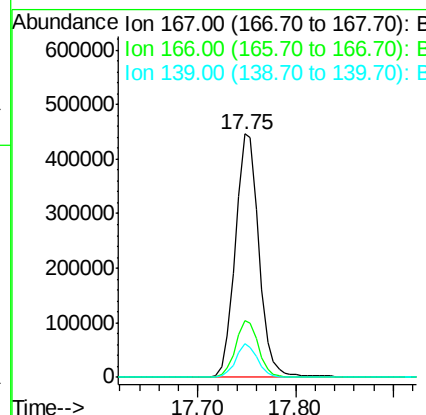
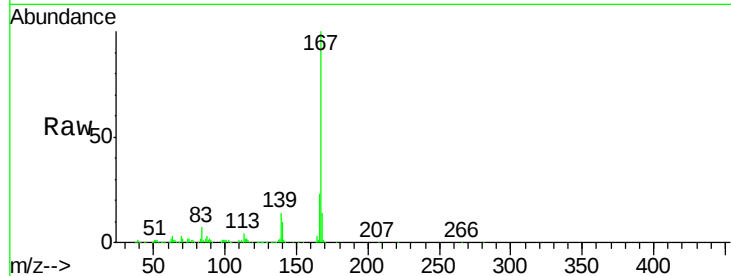
#73
 Carbazole
 Concen: 43.286 ng
 RT: 17.75 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Instrument :
 BNA_G
 ClientSampleId :
 PB129295BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.2	28.8
139	13.8	10.6	16.0

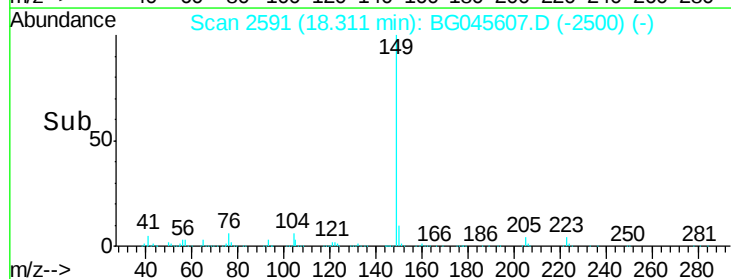
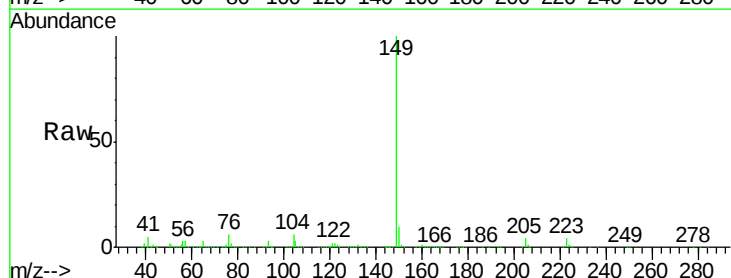
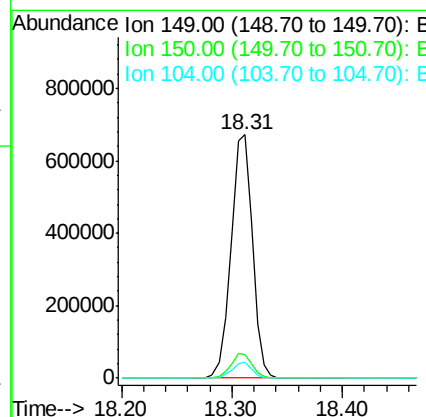
Manual Integrations
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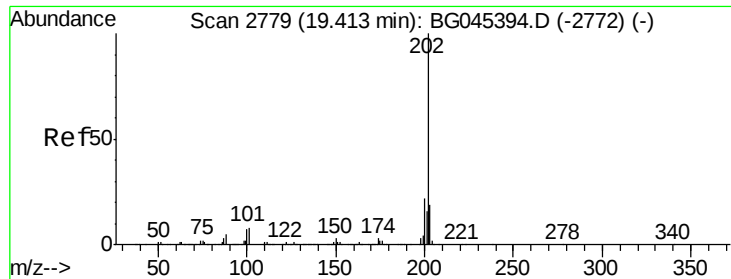
mohammad
 6/5/2020 10:30:02 AM



#74
 Di-n-butylphthalate
 Concen: 43.959 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	6.3	5.0	7.4





#75

Fluoranthene

Concen: 45.036 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

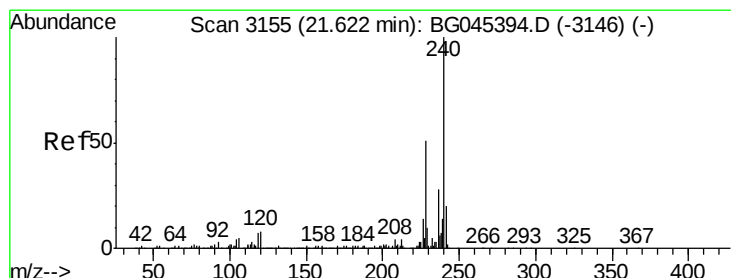
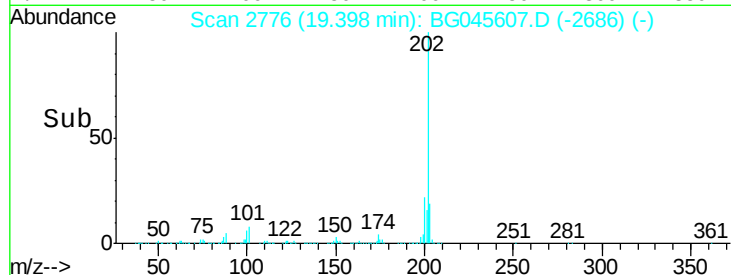
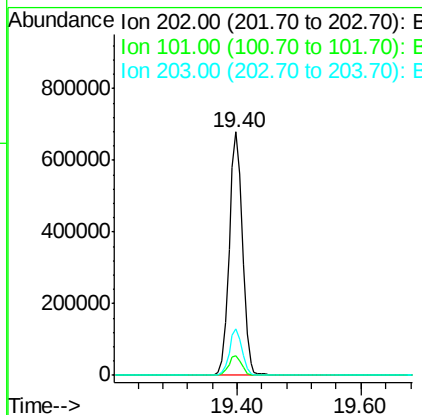
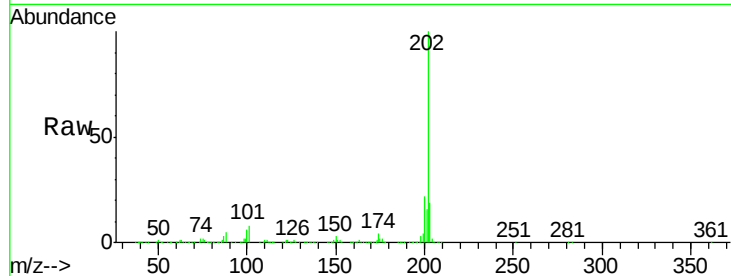
ClientSampleId :

PB129295BS

Tot Ion:	202	Resp:	1012162
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	28.3
203	19.1	0.0	39.0

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#76

Chrysene-d12

Concen: 20.000 ng

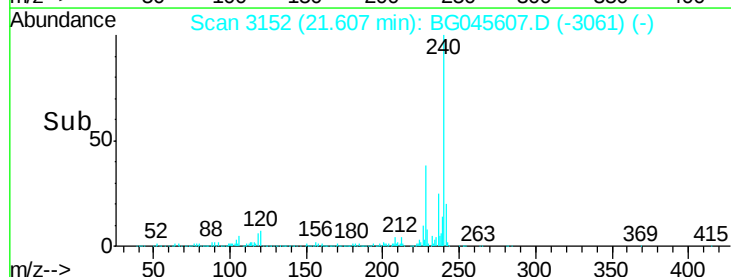
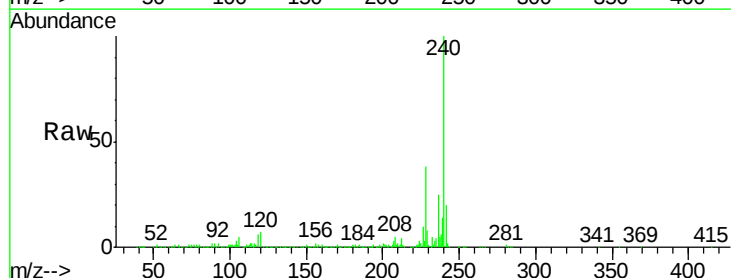
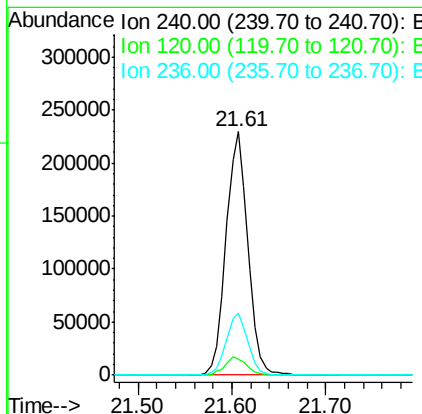
RT: 21.61 min Scan# 3152

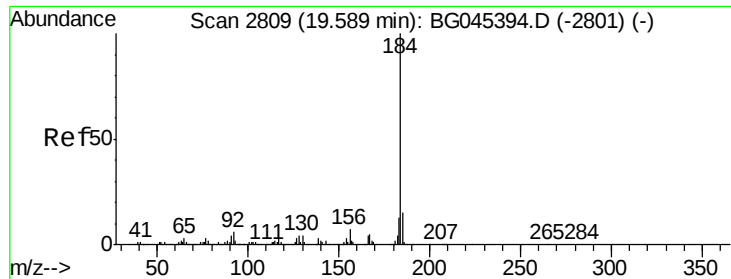
Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Tgt Ion:	240	Resp:	369103
Ion Ratio	Lower	Upper	
240	100		
120	6.6	6.1	9.1
236	25.5	22.3	33.5





#77

Benzidine

Concen: 34.232 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

Tot Ion:184 Resp: 354863

Ion Ratio Lower Upper

184 100

185 14.3 11.7 17.5

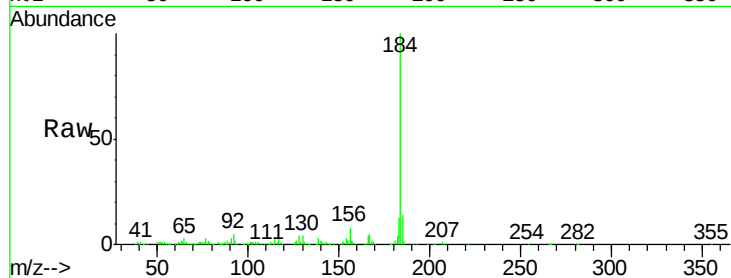
183 12.9 10.2 15.4

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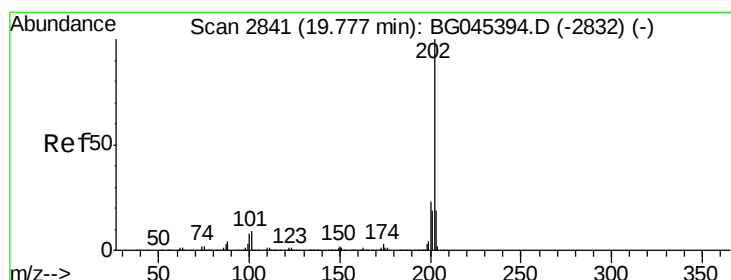
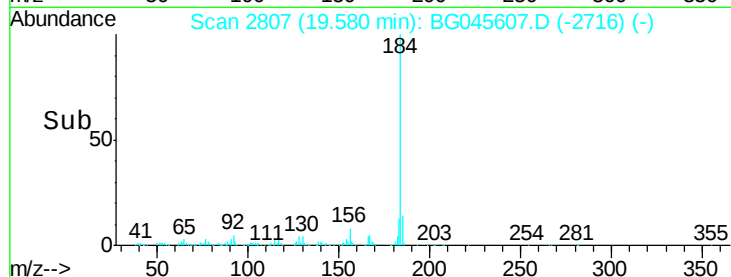
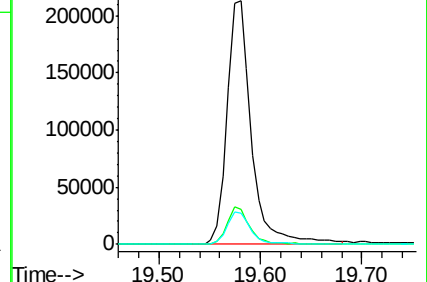
6/5/2020 10:30:02 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.272 ng

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

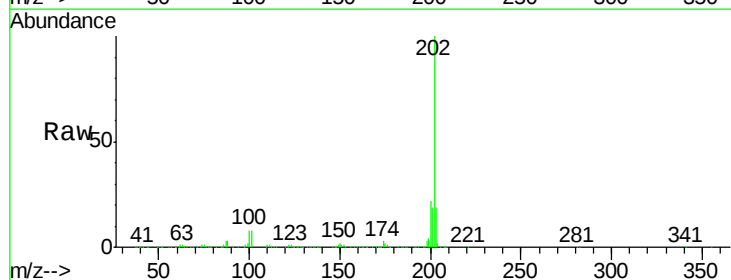
Tgt Ion:202 Resp: 994629

Ion Ratio Lower Upper

202 100

200 22.2 18.2 27.2

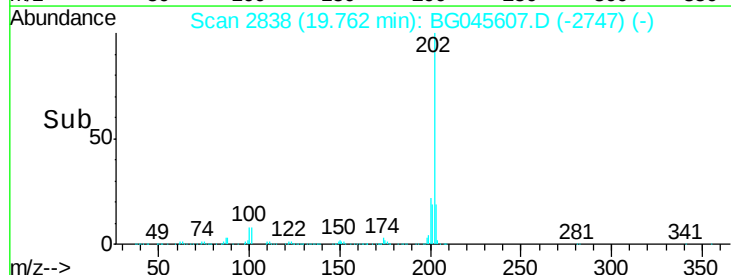
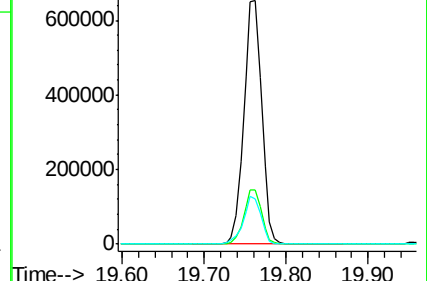
203 18.8 15.1 22.7

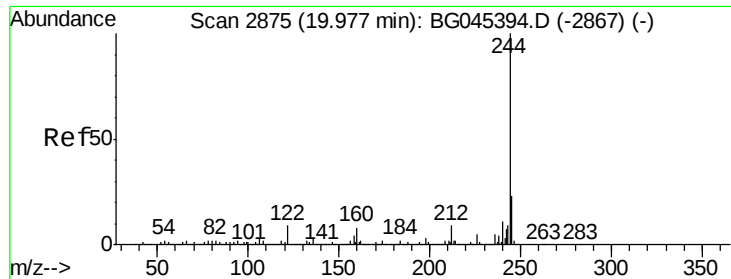


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.305 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

ClientSampleId :

PB129295BS

Tot Ion:244 Resp: 1524091

Ion Ratio Lower Upper

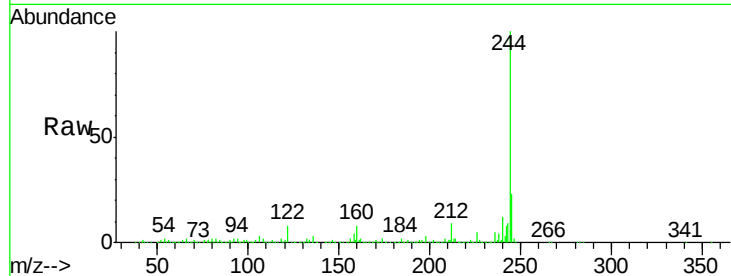
244 100

212 8.8 7.4 11.0

122 8.0 6.8 10.2

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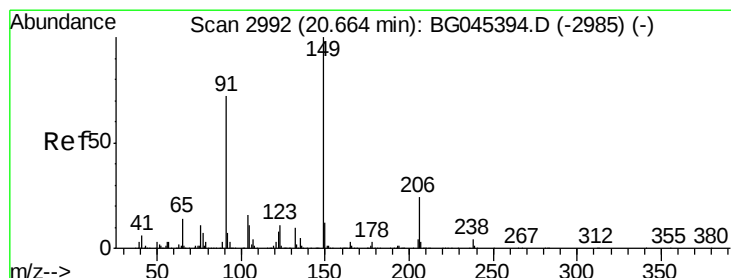
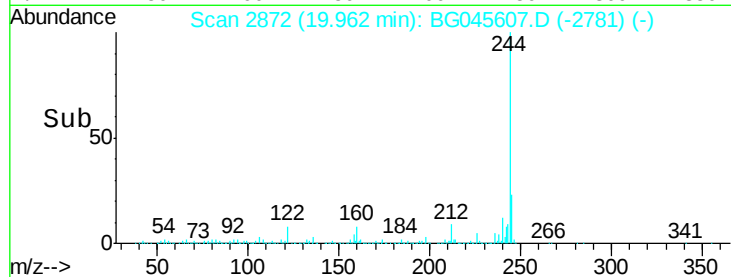
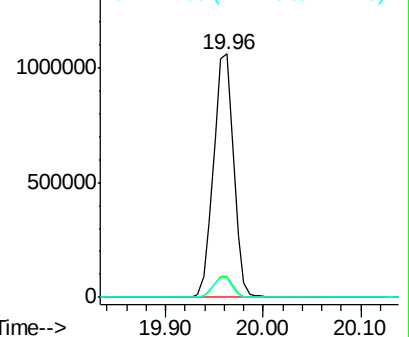
mohammad
6/5/2020 10:30:02 AM



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: 43.083 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

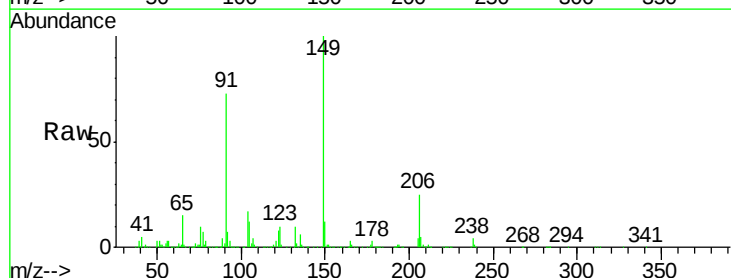
Tgt Ion:149 Resp: 391272

Ion Ratio Lower Upper

149 100

91 73.0 57.8 86.6

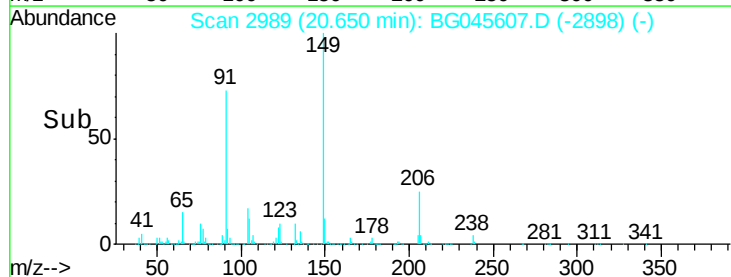
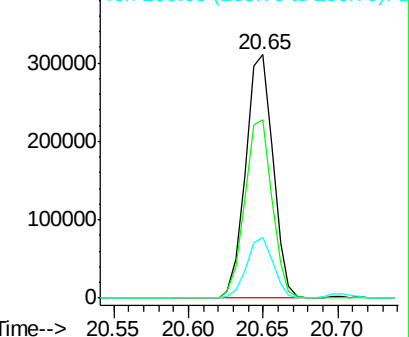
206 25.1 19.1 28.7

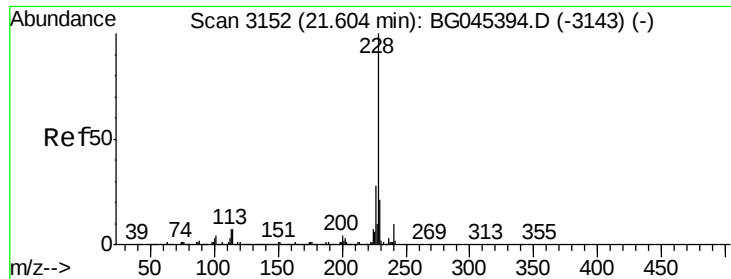


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.765 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

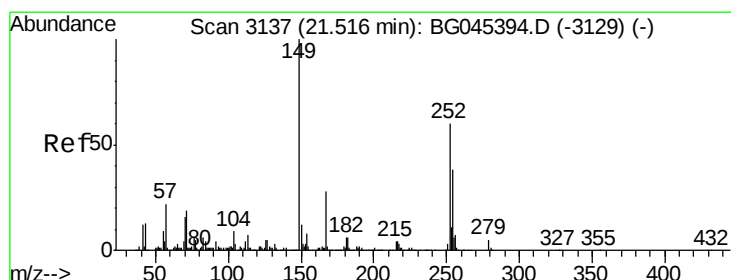
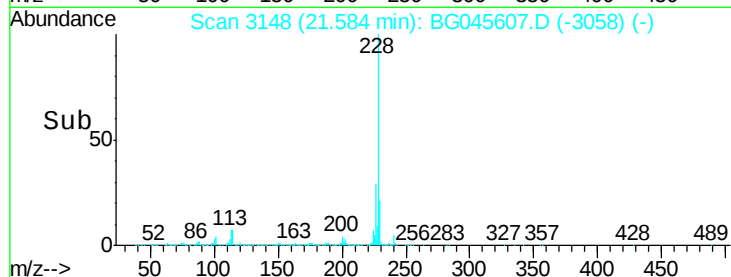
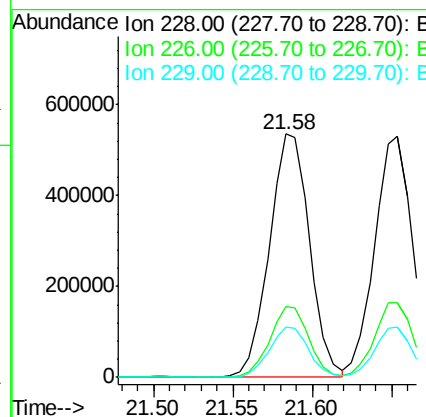
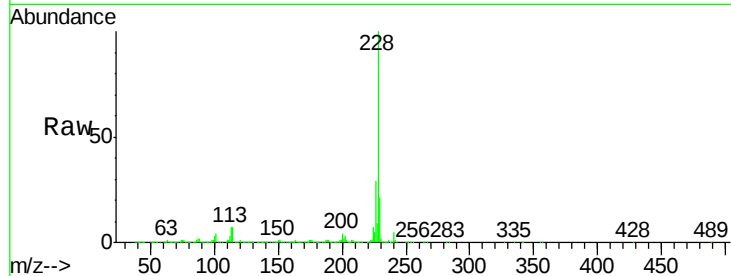
ClientSampleId :

PB129295BS

Tot Ion:	228	Resp:	941001
Ion Ratio	Lower	Upper	
228	100		
226	28.9	22.7	34.1
229	20.7	16.7	25.1

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#82

3,3'-Dichlorobenzidine

Concen: 27.834 ng

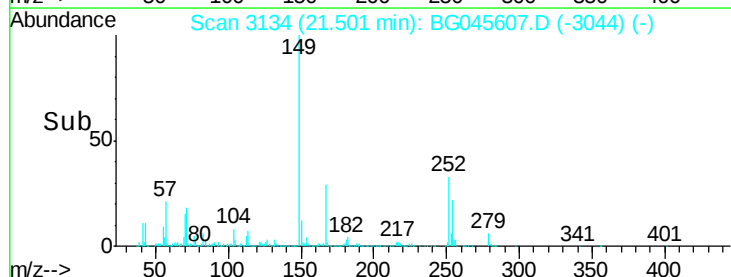
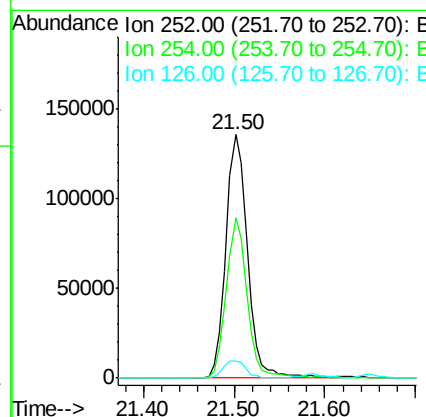
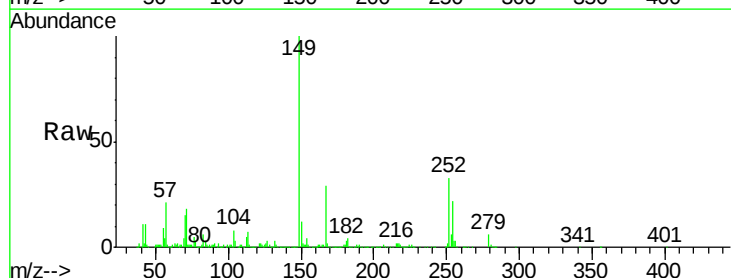
RT: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Tgt Ion:	252	Resp:	224498
Ion Ratio	Lower	Upper	
252	100		
254	65.9	51.3	76.9
126	6.8	6.6	10.0





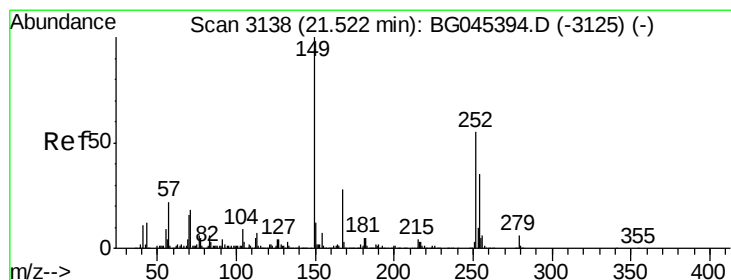
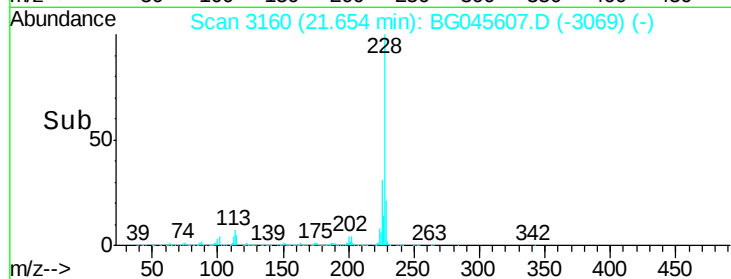
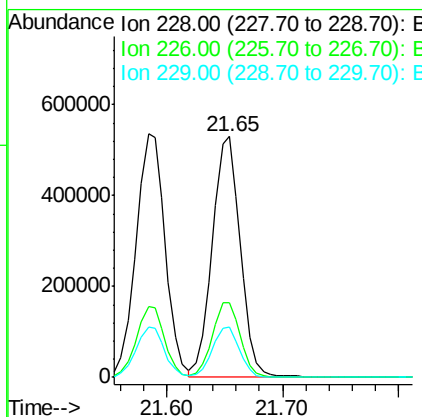
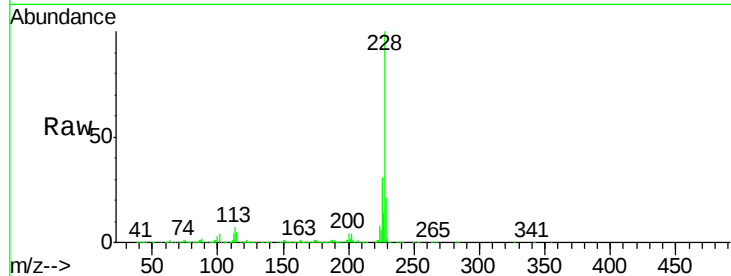
#83
 Chrvsene
 Concen: 44.872 ng
 RT: 21.65 min Scan# 3160
 Delta R.T. 0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Instrument :
 BNA_G
 ClientSampleId :
 PB129295BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	887151		
226	31.1		25.2	37.8
229	20.8		16.7	25.1

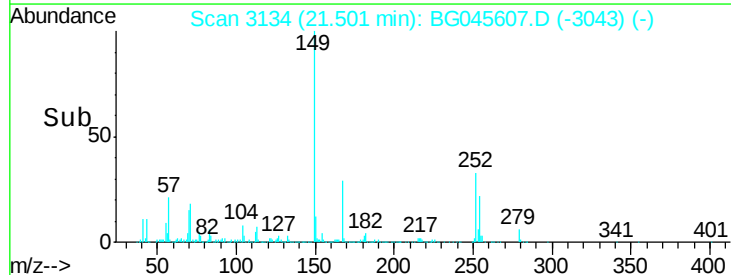
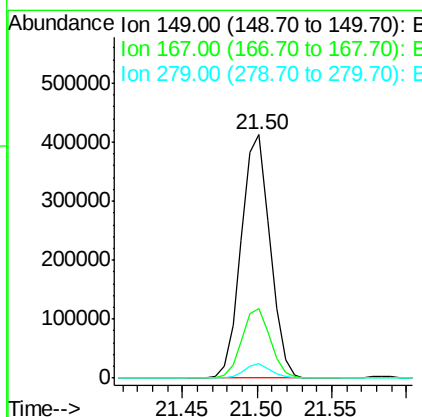
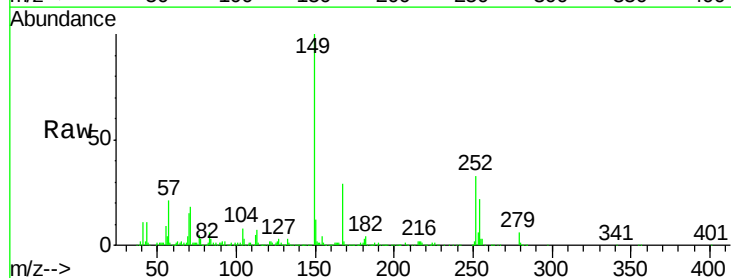
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.273 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. 0.00 min
 Lab File: BG045607.D
 Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	552705		
167	28.8		22.2	33.2
279	5.8		4.7	7.1





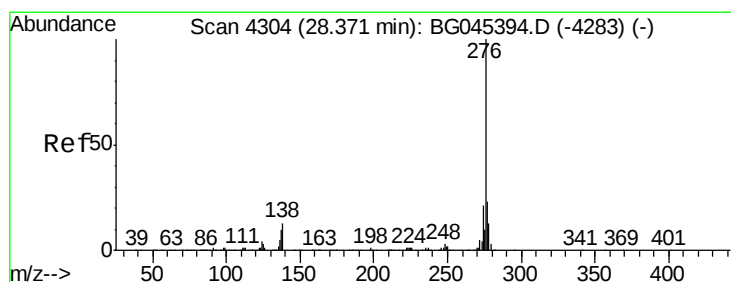
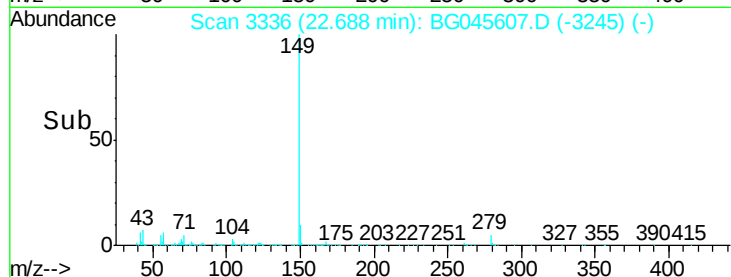
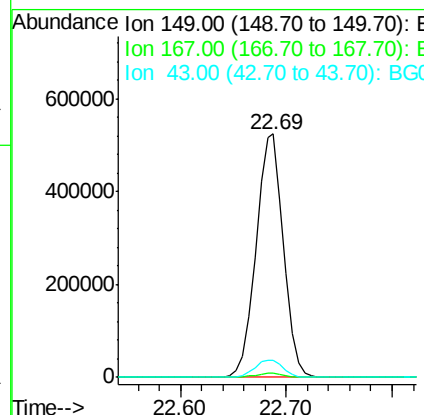
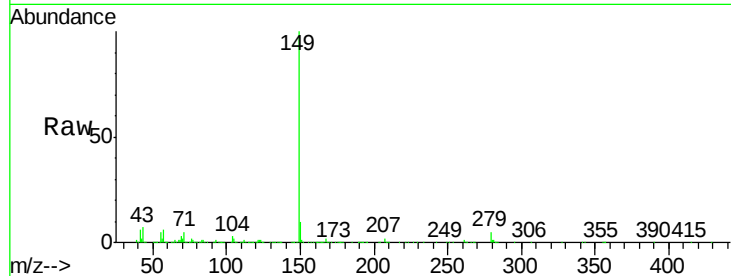
#85
Di-n-octyl phthalate
Concen: 43.766 ng
RT: 22.69 min Scan# 3336
Delta R.T. 0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampleId :
PB129295BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.2	5.8	8.8

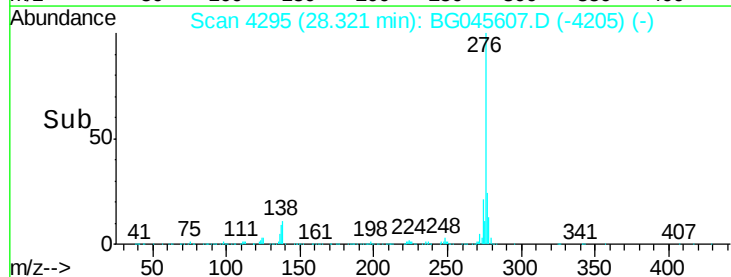
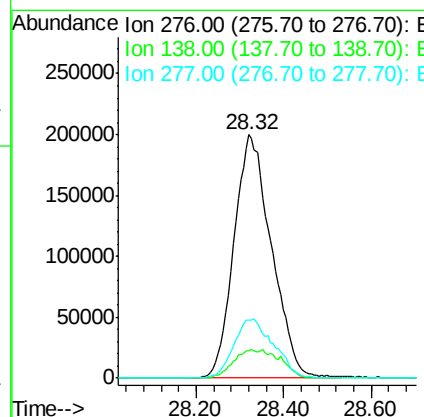
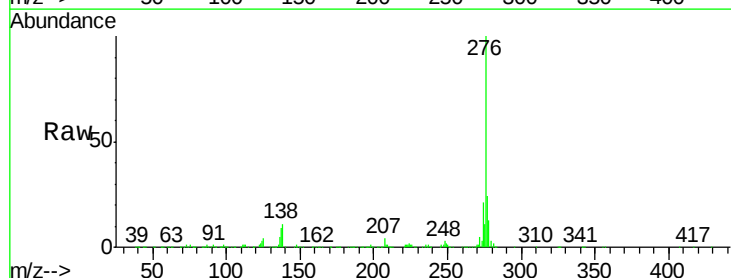
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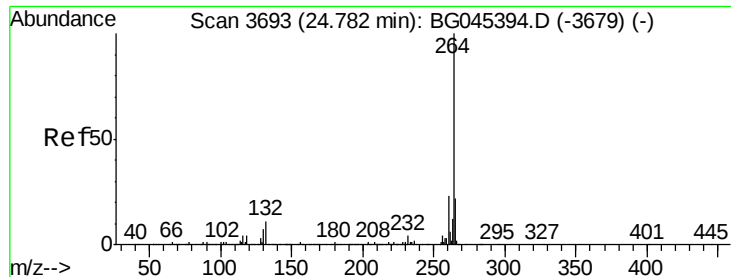
mohammad
6/5/2020 10:30:02 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.891 ng
RT: 28.32 min Scan# 4295
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.5	8.6	12.8#
277	25.8	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3687

Delta R.T. -0.00 min

Lab File: BG045607.D

Acq: 4 Jun 2020 16:14

Instrument :

BNA_G

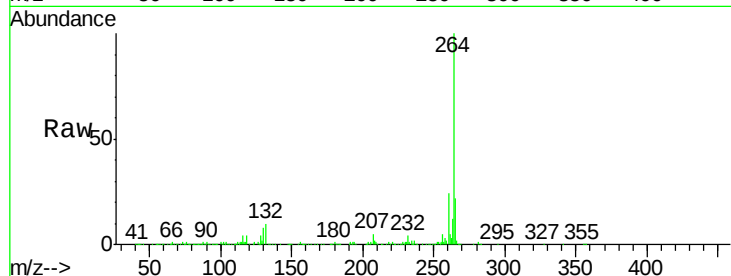
ClientSampleId :

PB129295BS

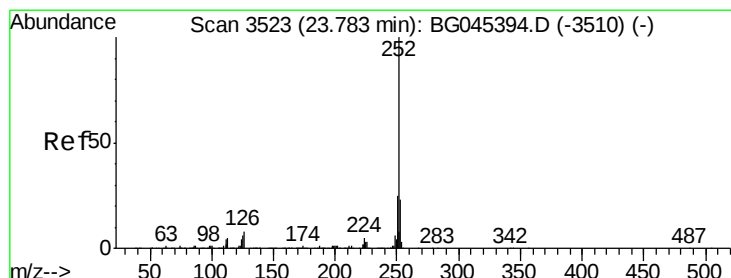
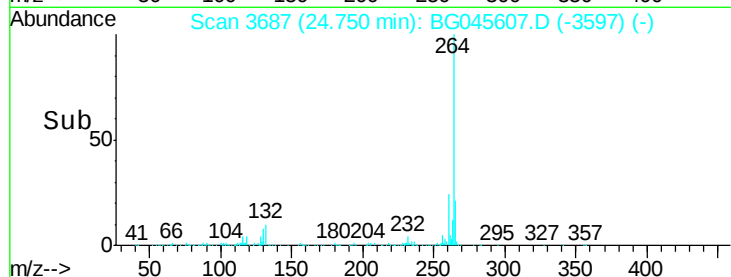
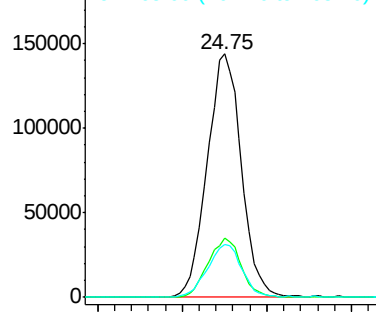
Tot Ion:	264	Resp:	403356
Ion Ratio		Lower	Upper
264	100		
260	24.1	18.2	27.4
265	21.5	17.6	26.4

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.161 ng

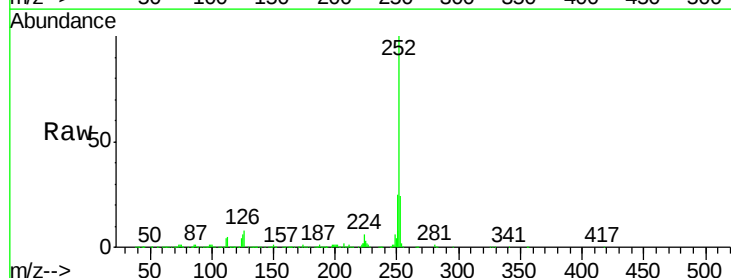
RT: 23.76 min Scan# 3518

Delta R.T. -0.00 min

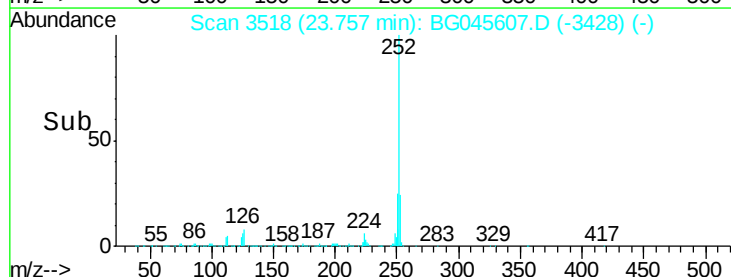
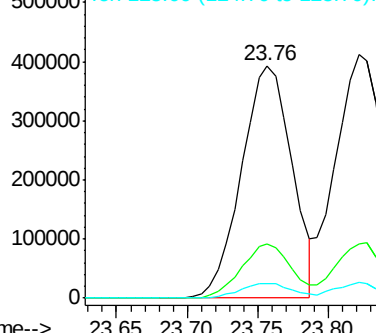
Lab File: BG045607.D

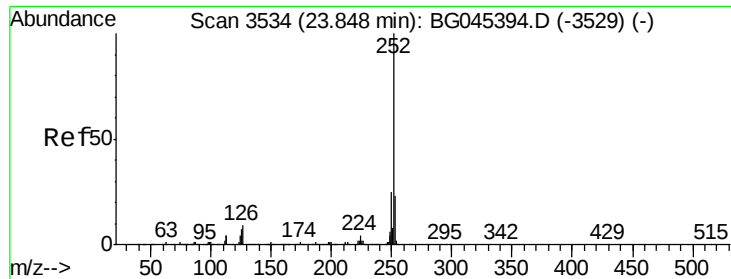
Acq: 4 Jun 2020 16:14

Tgt Ion:	252	Resp:	976939
Ion Ratio		Lower	Upper
252	100		
253	23.5	18.1	27.1
125	6.1	5.0	7.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





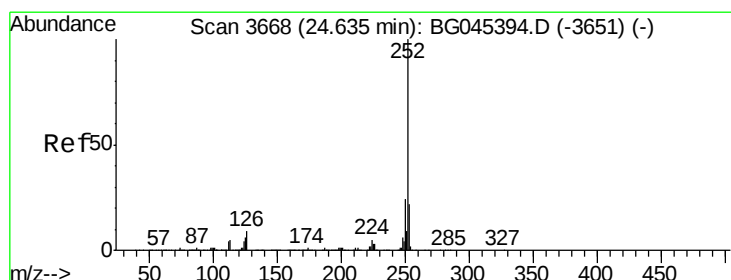
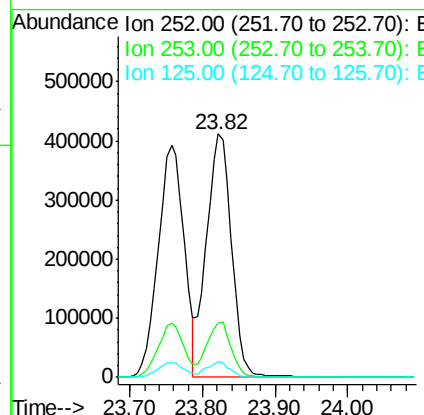
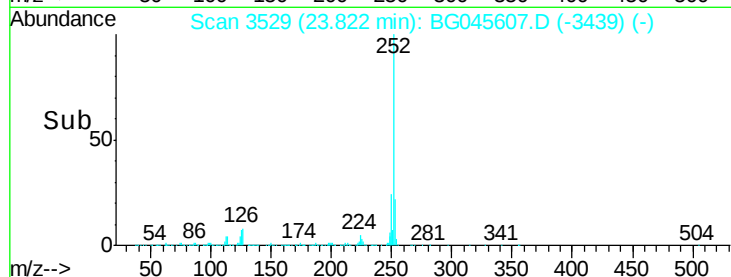
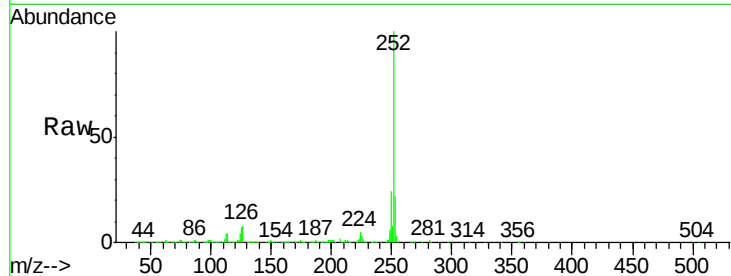
#89
Benzo(k)fluoranthene
Concen: 48.650 ng
RT: 23.82 min Scan# 3529
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampleId :
PB129295BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	6.6	5.7	8.5

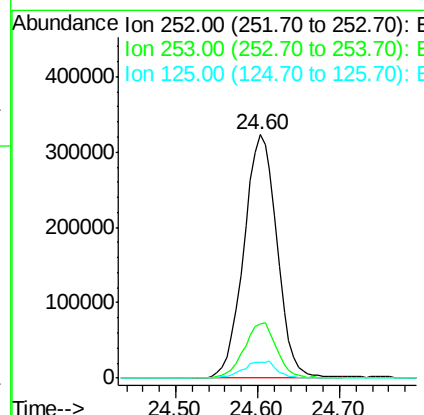
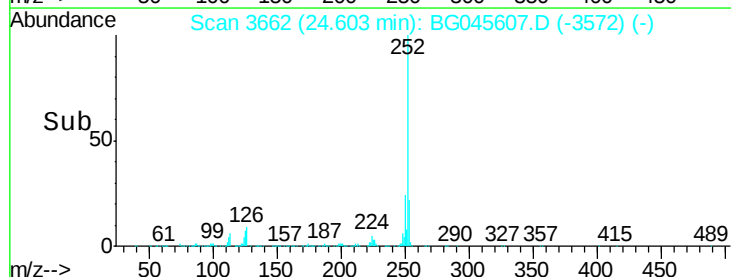
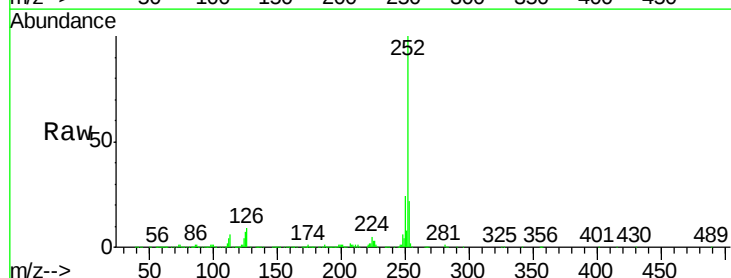
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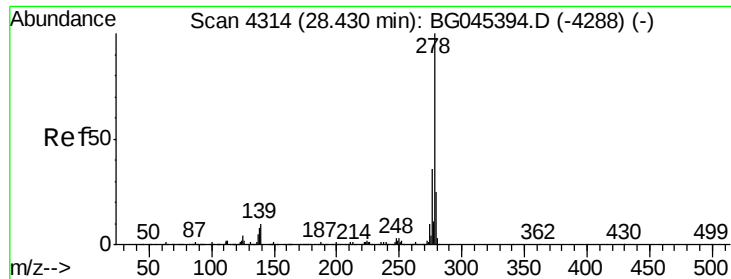
mohammad
6/5/2020 10:30:02 AM



#90
Benzo(a)pyrene
Concen: 45.240 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	6.7	5.0	7.6





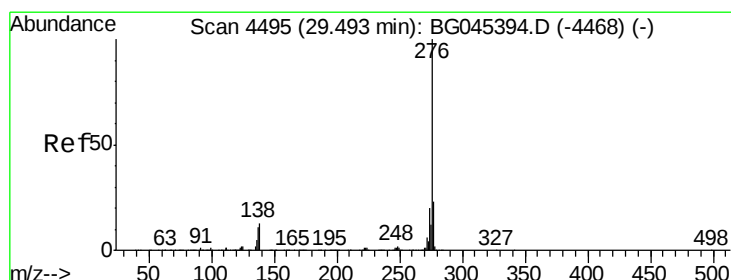
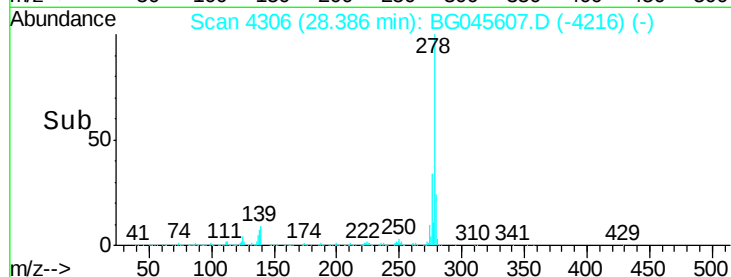
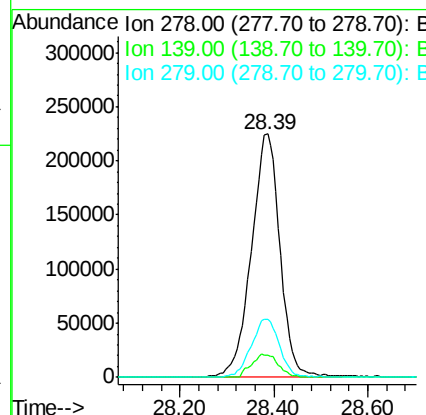
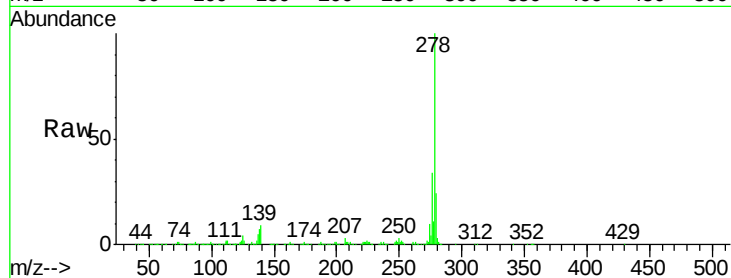
#91
Dibenzo(a,h)anthracene
Concen: 46.966 ng
RT: 28.39 min Scan# 4306
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Instrument :
BNA_G
ClientSampleId :
PB129295BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.2	7.8	11.8
279	23.7	19.8	29.8

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#92
Benzo(g,h,i)perylene
Concen: 47.614 ng
RT: 29.44 min Scan# 4485
Delta R.T. -0.00 min
Lab File: BG045607.D
Acq: 4 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.1	27.1
138	12.1	10.2	15.4

