

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
 Data File : BG041585.D
 Acq On : 3 Jul 2019 11:23
 Operator : HP/JU
 Sample : PB121109BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121109BS

Manual Integrations
 APPROVED

mohammad
 7/5/2019 8:42:48 AM

Quant Time: Jul 03 13:48:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	27837	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	99910	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	71668	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	197370	20.00	ng	0.00
76) Chrysene-d12	21.70	240	237886	20.00	ng	0.00
87) Perylene-d12	24.98	264	227201	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	227912	145.97	ng	0.00
7) Phenol-d6	7.19	99	313696	142.72	ng	0.00
23) Nitrobenzene-d5	9.22	82	218789	91.33	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	186336	152.27	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	520048	93.12	ng	0.00
79) Terphenyl-d14	20.03	244	1155750	103.25	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.41	88	24091	34.085	ng	96
3) Pyridine	3.82	79	61706	34.410	ng	97
4) n-Nitrosodimethylamine	3.75	42	45868	45.965	ng	95
6) Aniline	7.35	93	71671	25.297	ng	98
8) 2-Chlorophenol	7.59	128	84006	47.974	ng	97
9) Benzaldehyde	7.18	77	14517	10.936	ng	91
10) Phenol	7.22	94	106556	48.102	ng	96
11) bis(2-Chloroethyl)ether	7.45	93	73589	41.889	ng	99
12) 1,3-Dichlorobenzene	7.91	146	95933	42.351	ng	99
13) 1,4-Dichlorobenzene	8.06	146	96543	42.278	ng	99
14) 1,2-Dichlorobenzene	8.38	146	91332	41.773	ng	97
15) Benzyl Alcohol	8.28	79	81571	46.601	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	92632	37.549	ng	95
17) 2-Methylphenol	8.48	107	73542	45.606	ng	95
18) Hexachloroethane	9.11	117	36506	40.516	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	64948	39.614	ng	97
20) 3+4-Methylphenols	8.81	107	100025	46.539	ng	96
22) Acetophenone	8.86	105	137506	45.883	ng	98
24) Nitrobenzene	9.26	77	109774	45.653	ng	99
25) Isophorone	9.77	82	190776	44.357	ng	98
26) 2-Nitrophenol	9.96	139	46165	45.973	ng	98
27) 2,4-Dimethylphenol	10.02	122	77304	55.312	ng	97
28) bis(2-Chloroethoxy)methane	10.25	93	97244	42.759	ng	98
29) 2,4-Dichlorophenol	10.50	162	97331	51.559	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	112279	46.405	ng	93
31) Naphthalene	10.90	128	256757	46.469	ng	98
32) Benzoic acid	10.19	122	36427	45.666	ng	94
33) 4-Chloroaniline	11.02	127	55548	23.883	ng	# 96
34) Hexachlorobutadiene	11.16	225	85960	44.757	ng	94
35) Caprolactam	11.82	113	28262m	47.948	ng	
36) 4-Chloro-3-methylphenol	12.14	107	99383	48.590	ng	99
37) 2-Methylnaphthalene	12.51	142	188870	46.269	ng	99
38) 1-Methylnaphthalene	12.72	142	182022	46.740	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	150453	47.675	ng	98

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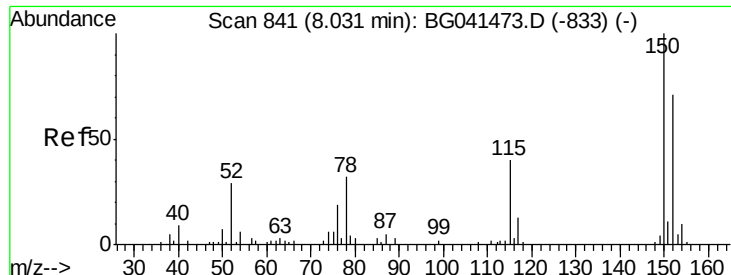
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	160315	93.009	nq	98
43) 2,4,6-Trichlorophenol	13.11	196	89643	47.877	nq	99
44) 2,4,5-Trichlorophenol	13.19	196	93420	50.082	nq	95
46) 1,1'-Biphenyl	13.51	154	262814	46.455	nq	98
47) 2-Chloronaphthalene	13.56	162	217770	44.836	nq	100
48) 2-Nitroaniline	13.78	65	68532	41.623	nq	94
49) Acenaphthylene	14.40	152	338953	46.689	nq	98
50) Dimethylphthalate	14.13	163	297417	45.603	nq	98
51) 2,6-Dinitrotoluene	14.26	165	65509	47.331	nq	95
52) Acenaphthene	14.74	154	194754	45.238	nq	98
53) 3-Nitroaniline	14.60	138	36687	27.766	nq	94
54) 2,4-Dinitrophenol	14.82	184	46738	53.839	nq	91
55) Dibenzofuran	15.07	168	356926	47.624	nq	98
56) 4-Nitrophenol	14.92	139	88850	104.197	nq	96
57) 2,4-Dinitrotoluene	15.05	165	97764	48.690	nq	98
58) Fluorene	15.73	166	284552	47.724	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	105949	53.878	nq	97
60) Diethylphthalate	15.48	149	312498	46.810	nq	99
61) 4-Chlorophenyl-phenylether	15.71	204	184464	47.964	nq	97
62) 4-Nitroaniline	15.77	138	56543	43.909	nq	89
63) Azobenzene	16.00	77	262086	46.564	nq	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	45698	37.384	nq	99
66) n-Nitrosodiphenylamine	15.93	169	257449	47.394	nq	99
67) 4-Bromophenyl-phenylether	16.60	248	124710	46.238	nq	98
68) Hexachlorobenzene	16.72	284	134663	46.340	nq	99
69) Atrazine	16.87	200	118098	51.362	nq	96
70) Pentachlorophenol	17.07	266	136884	103.956	nq	91
71) Phenanthrene	17.47	178	517877	47.624	nq	99
72) Anthracene	17.56	178	532031	48.898	nq	99
73) Carbazole	17.84	167	470642	50.883	nq	100
74) Di-n-butylphthalate	18.36	149	565353	48.631	nq	99
75) Fluoranthene	19.48	202	752501	51.903	nq	98
77) Benzidine	19.66	184	156854	29.717	nq	99
78) Pyrene	19.84	202	755558	46.525	nq	99
80) Butylbenzylphthalate	20.70	149	268442	44.261	nq	98
81) Benzo(a)anthracene	21.68	228	748583	45.263	nq	98
82) 3,3'-Dichlorobenzidine	21.59	252	164853	28.786	nq	100
83) Chrysene	21.75	228	742724	46.395	nq	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	372219	43.290	nq	99
85) Di-n-octyl phthalate	22.77	149	637990	43.847	nq	98
86) Indeno(1,2,3-cd)pyrene	28.77	276	907928	46.837	nq	99
88) Benzo(b)fluoranthene	23.93	252	773057	53.346	nq	100
89) Benzo(k)fluoranthene	24.01	252	751469	52.819	nq	# 98
90) Benzo(a)pyrene	24.83	252	739704	53.745	nq	98
91) Dibenzo(a,h)anthracene	28.82	278	750718	54.445	nq	100
92) Benzo(g,h,i)perylene	29.96	276	756571	55.186	nq	98

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



#1

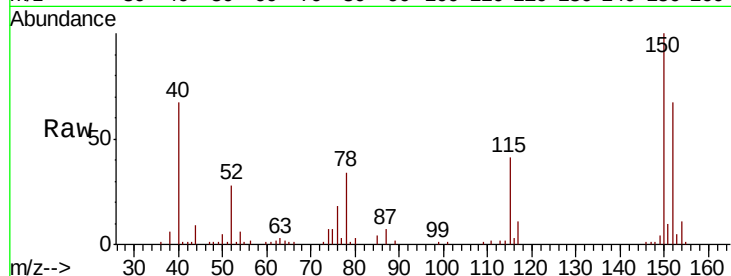
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	112.4	168.6
115	61.7	44.6	66.8

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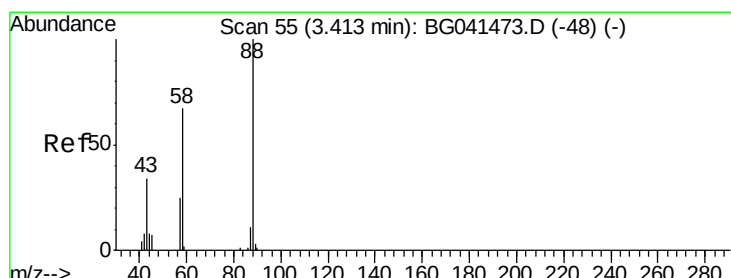
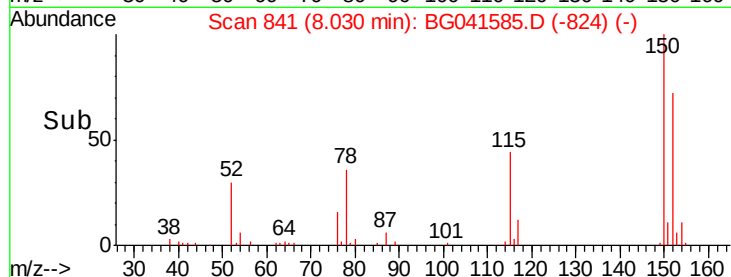
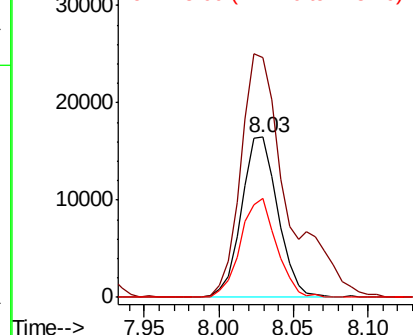


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

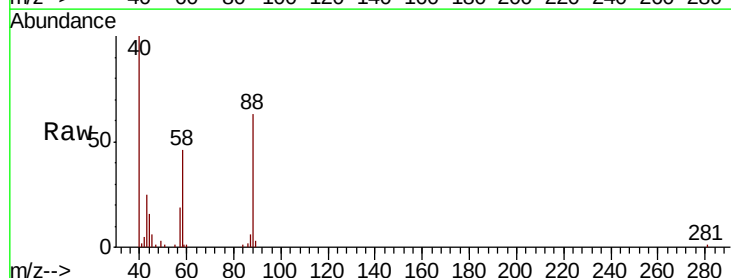
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.085 ng
RT: 3.41 min Scan# 54
Delta R.T. -0.01 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.5	55.8	83.8
43	36.8	27.8	41.8

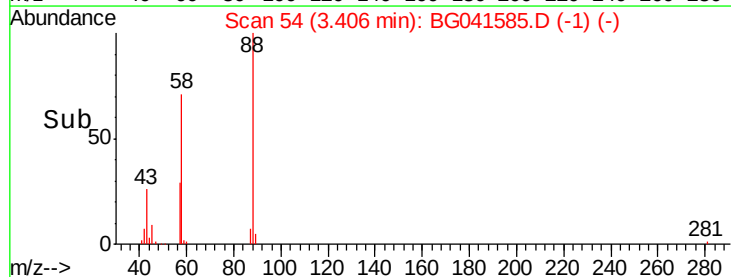
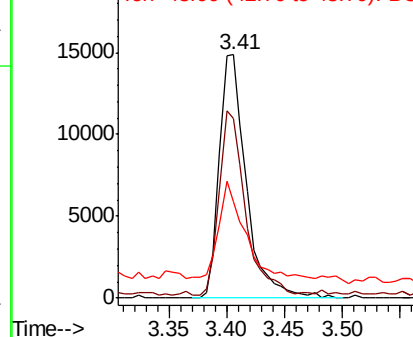


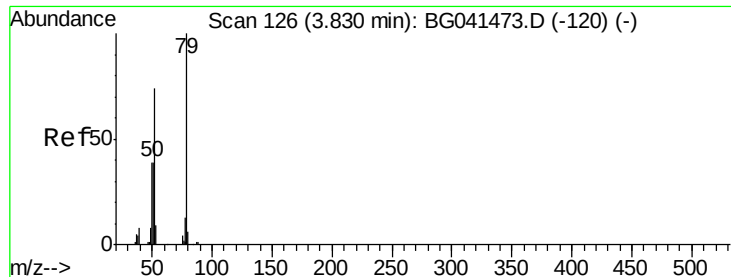
Abundance

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: 34.410 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

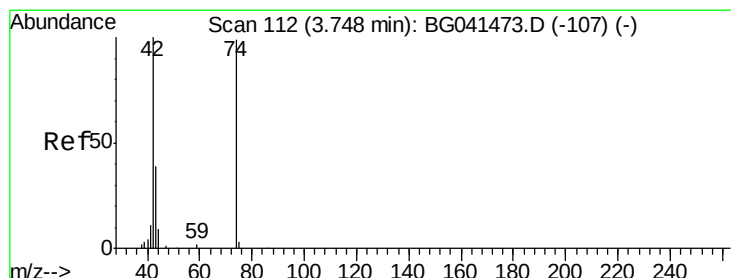
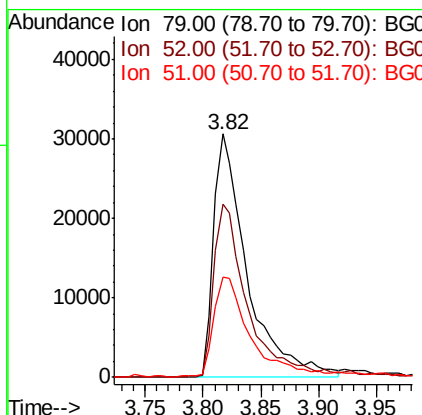
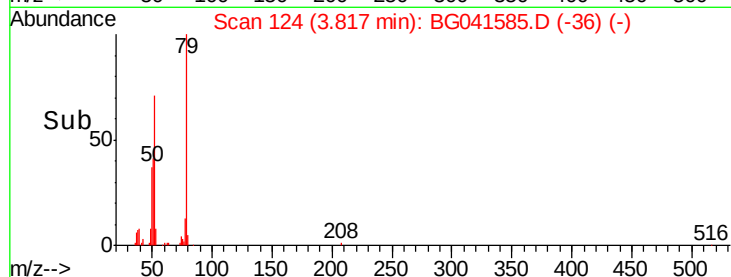
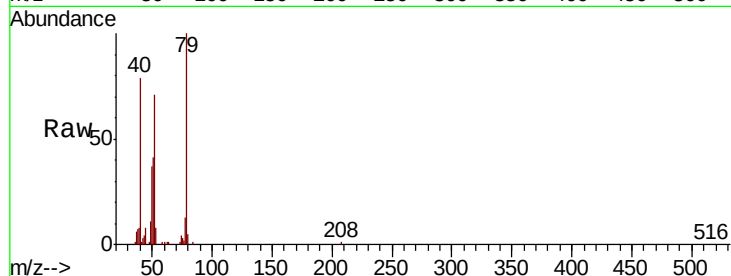
ClientSampleId :

PB121109BS

Tot Ion:	79	Resp:	61706
Ion	Ratio	Lower	Upper
79	100		
52	71.2	59.4	89.0
51	41.4	32.3	48.5

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#4

n-Nitrosodimethylamine

Concen: 45.965 ng

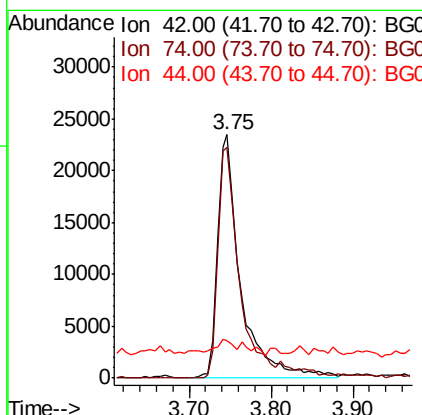
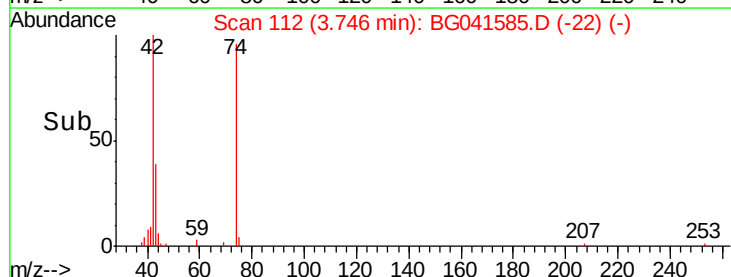
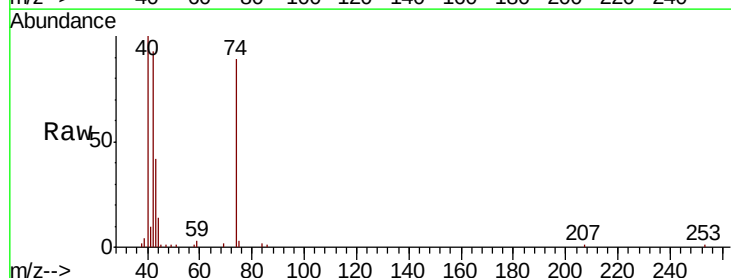
RT: 3.75 min Scan# 112

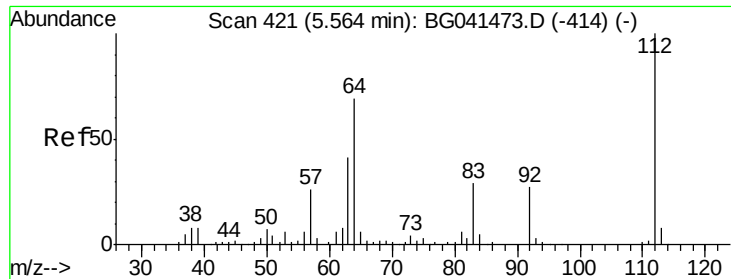
Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Tgt Ion:	42	Resp:	45868
Ion	Ratio	Lower	Upper
42	100		
74	94.9	79.5	119.3
44	15.4	14.2	21.2





#5

2-Fluorophenol

Concen: 145.969 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

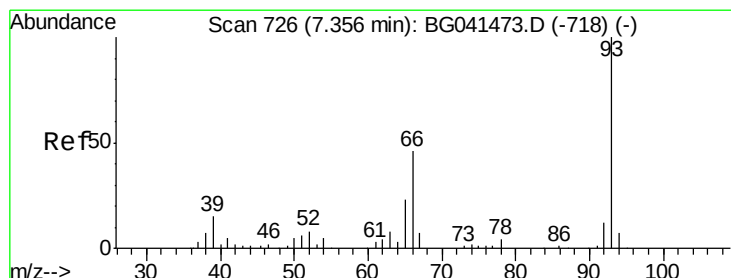
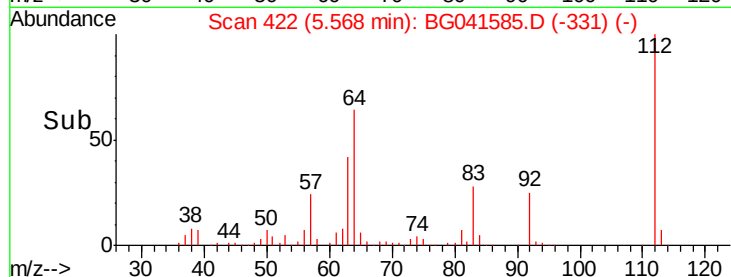
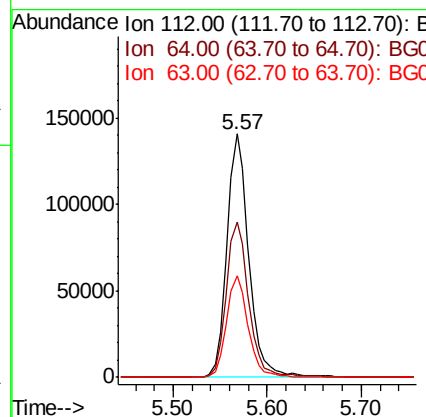
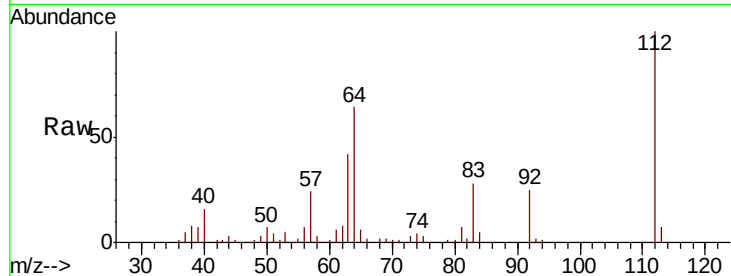
ClientSampleId :

PB121109BS

Tot Ion:	112	Resp:	227912
Ion Ratio	Lower	Upper	
112	100		
64	63.9	55.1	82.7
63	41.6	32.4	48.6

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#6

Aniline

Concen: 25.297 ng

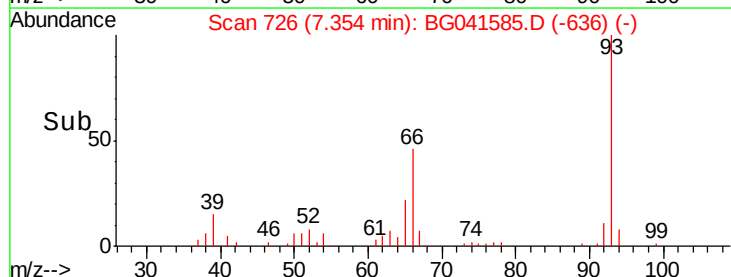
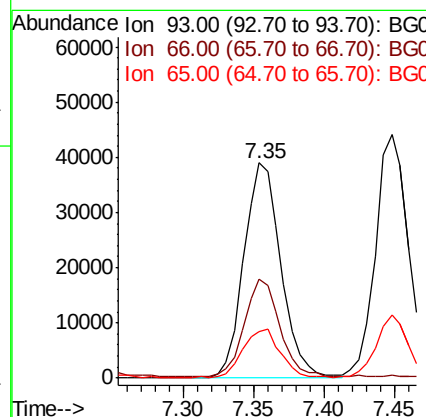
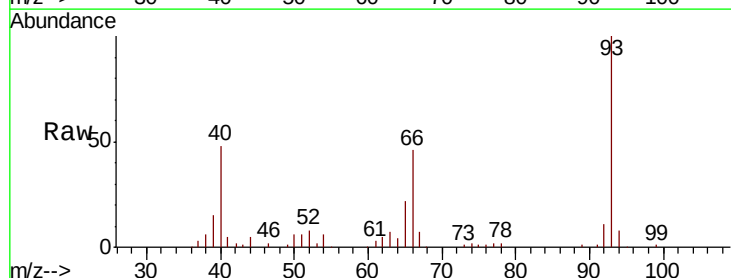
RT: 7.35 min Scan# 726

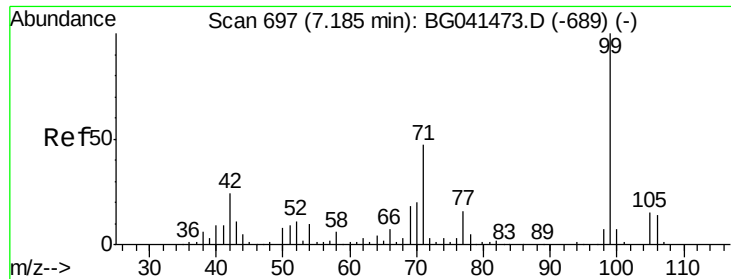
Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Tgt Ion:	93	Resp:	71671
Ion Ratio	Lower	Upper	
93	100		
66	46.2	37.4	56.0
65	21.6	18.6	27.8





#7

Phenol-d6

Concen: 142.718 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

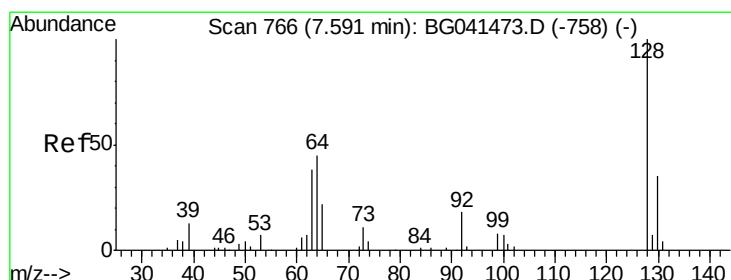
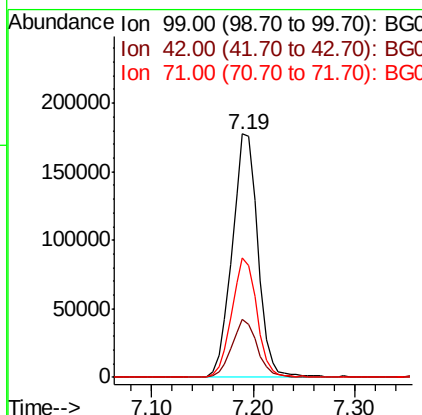
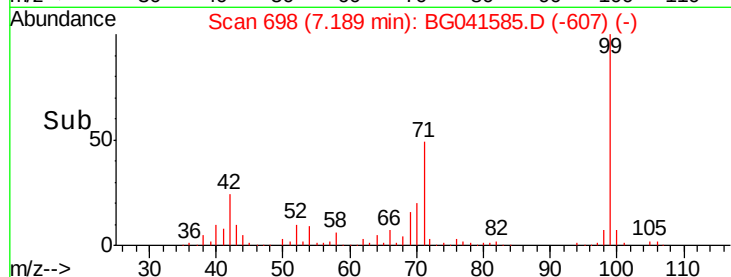
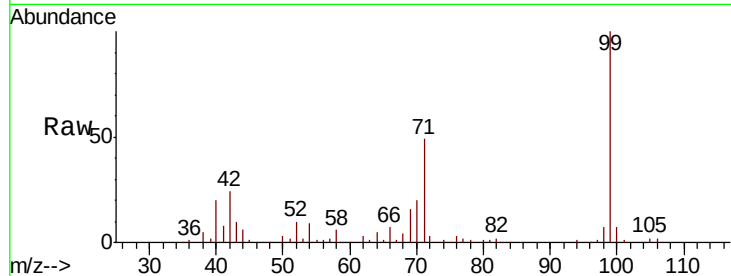
ClientSampleId :

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Tot Ion:	99	Resp:	313696
Ion Ratio	Lower	Upper	
99	100		
42	24.0	19.0	28.6
71	49.1	37.4	56.2

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#8

2-Chlorophenol

Concen: 47.974 ng

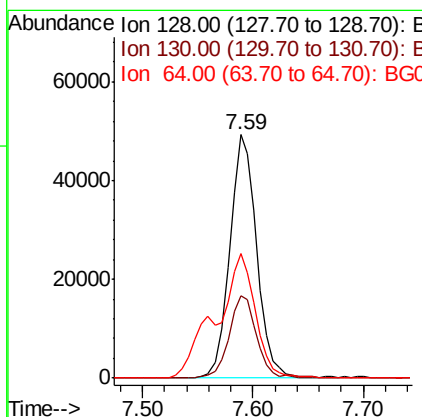
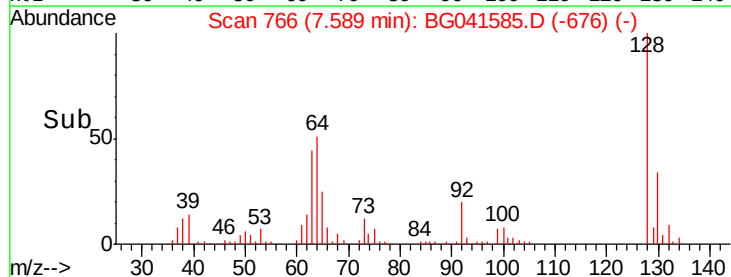
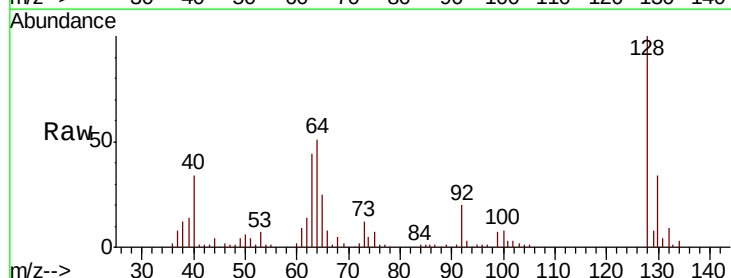
RT: 7.59 min Scan# 766

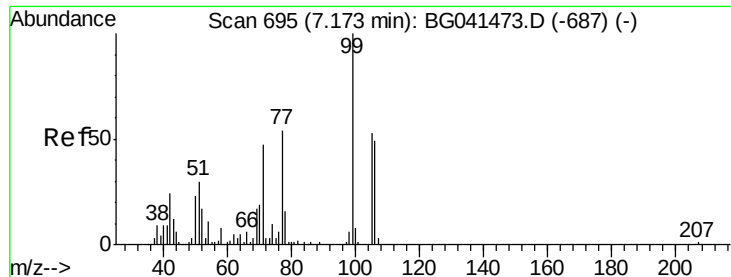
Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Tgt Ion:	128	Resp:	84006
Ion Ratio	Lower	Upper	
128	100		
130	33.8	15.0	55.0
64	51.2	33.3	73.3





#9

Benzaldehyde

Concen: 10.936 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

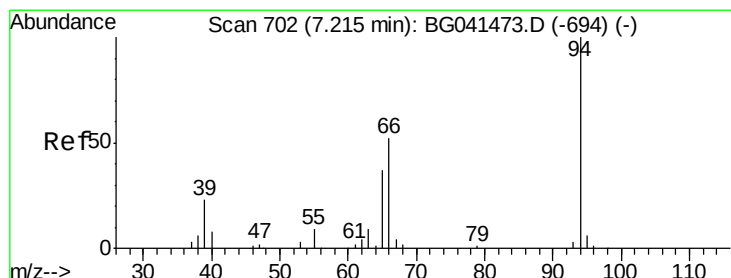
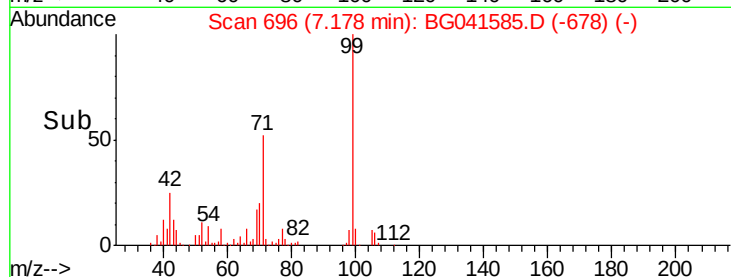
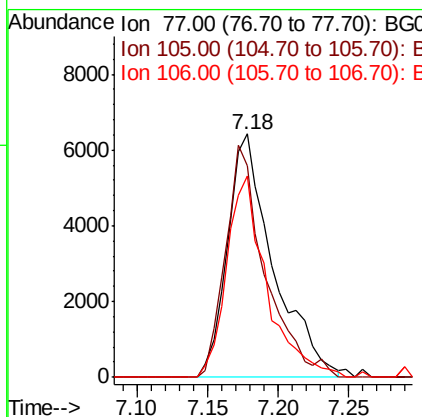
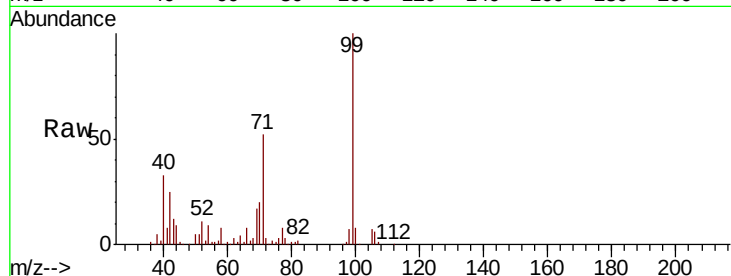
ClientSampleId :

PB121109BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	87.0	77.8	117.8
106	82.7	70.1	110.1

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#10

Phenol

Concen: 48.102 ng

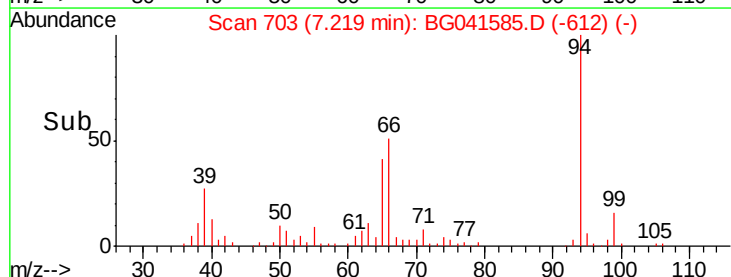
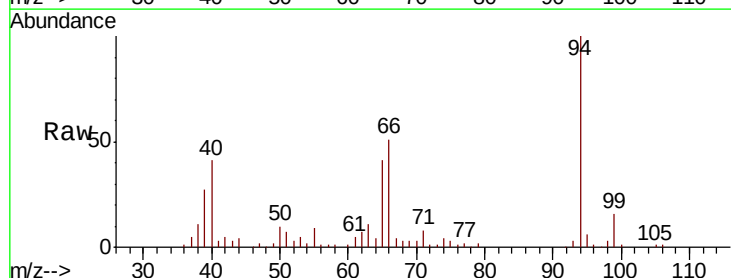
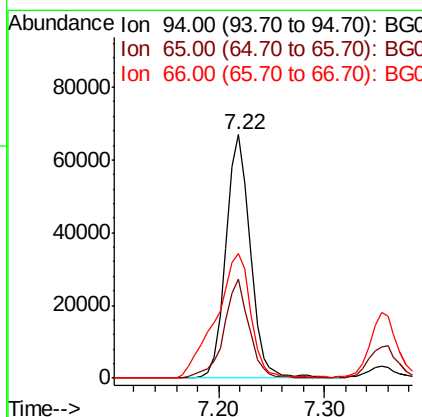
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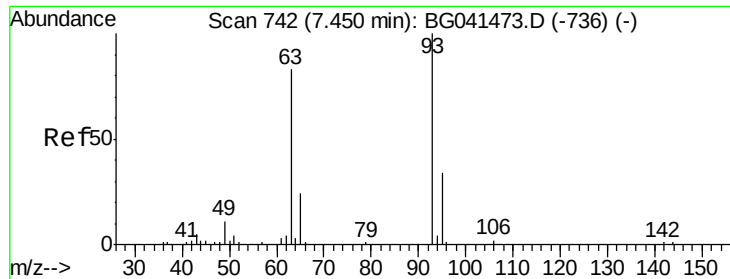
Delta R.T. 0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
94	100		
65	40.5	17.9	57.9
66	51.2	34.4	74.4





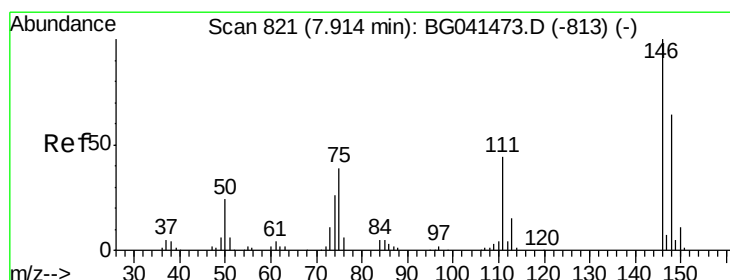
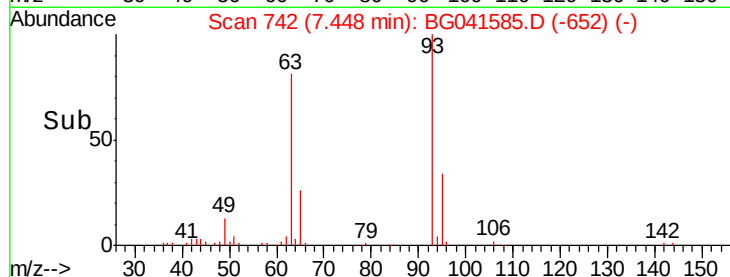
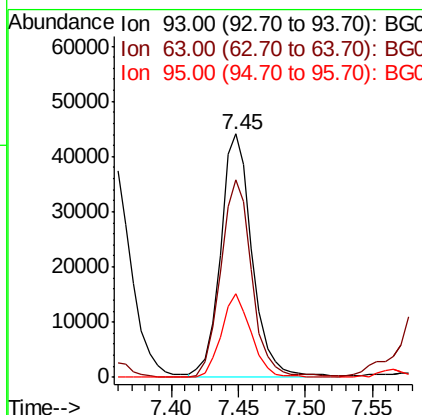
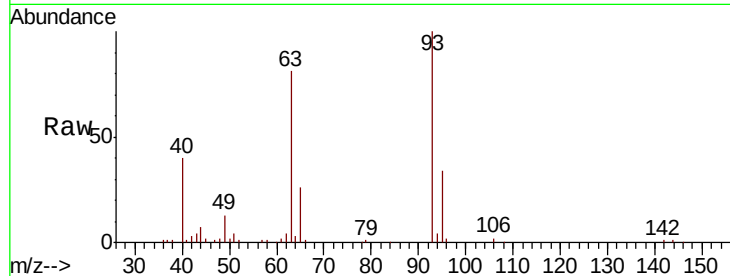
#11
bis(2-Chloroethyl)ether
Concen: 41.889 ng
RT: 7.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.2	62.0	102.0
95	34.4	13.0	53.0

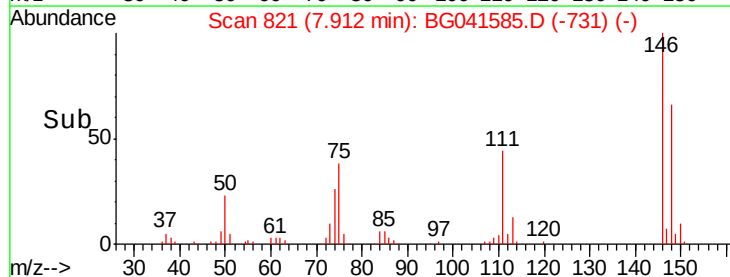
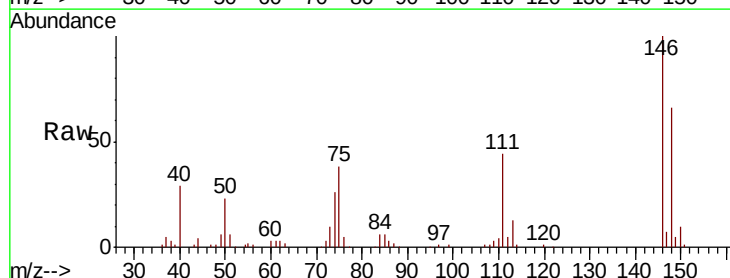
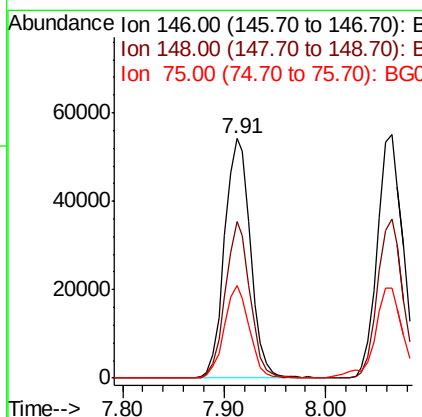
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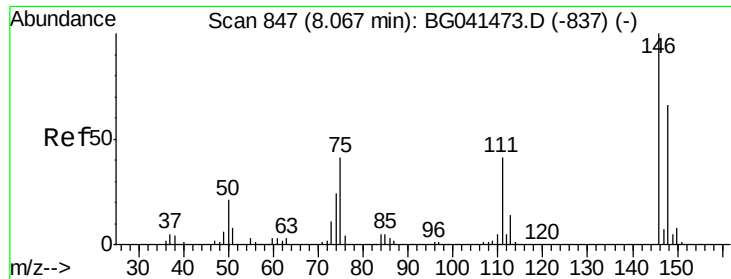
mohammad
7/5/2019 8:42:48 AM



#12
1,3-Dichlorobenzene
Concen: 42.351 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.1	76.7
75	38.5	31.0	46.6





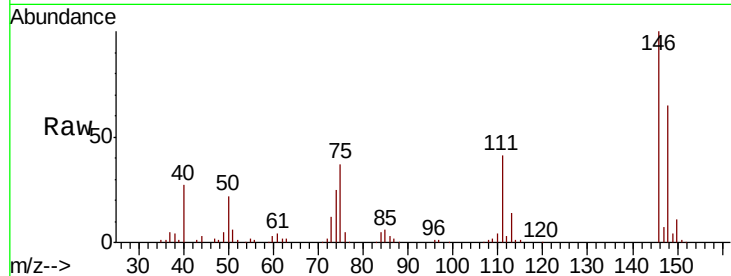
#13
1,4-Dichlorobenzene
Concen: 42.278 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.8	79.2
111	40.8	33.1	49.7

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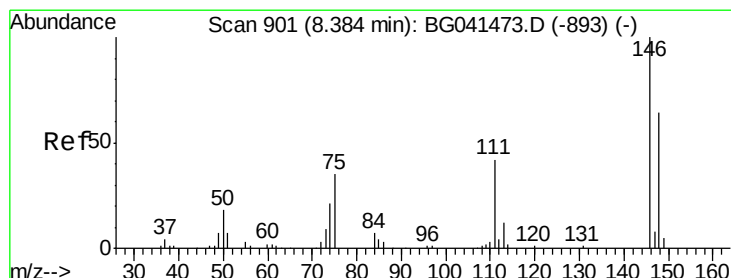
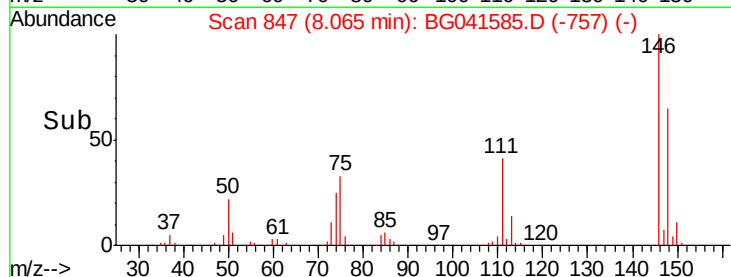
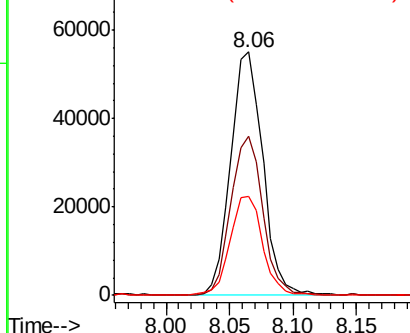


Abundance

Ion 146.00 (145.70 to 146.70): E

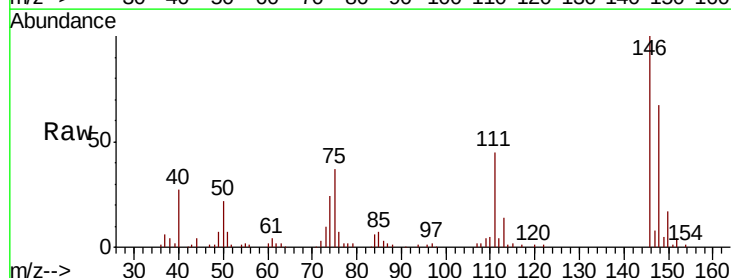
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 41.773 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	51.3	76.9
111	44.7	34.3	51.5

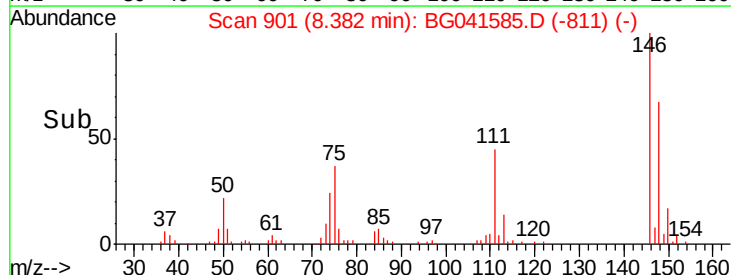
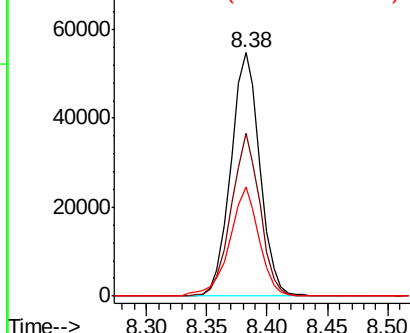


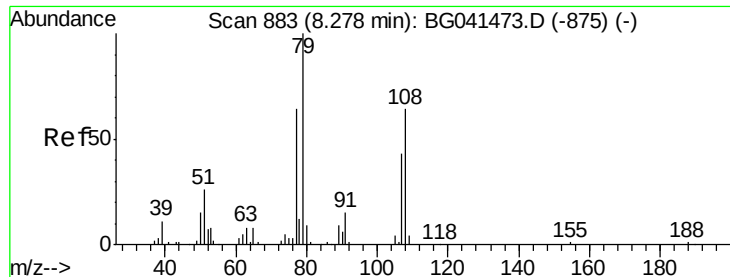
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.601 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

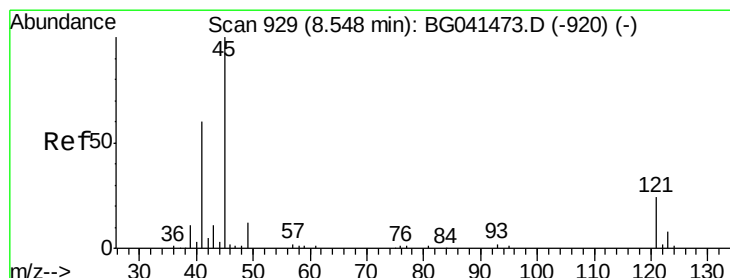
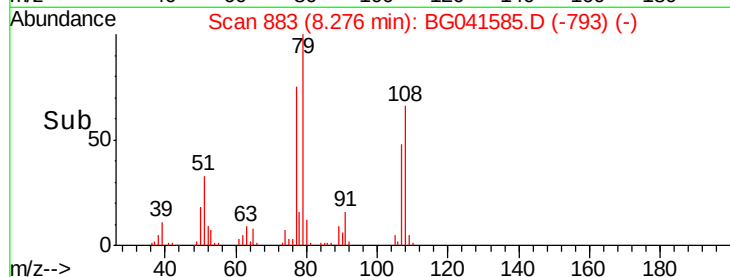
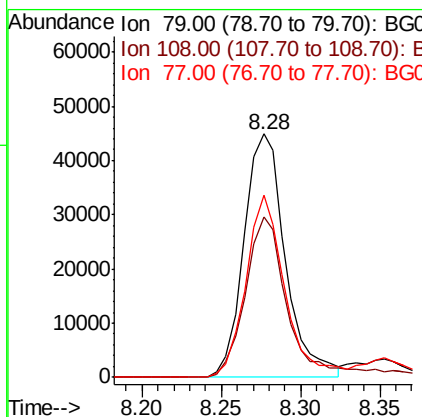
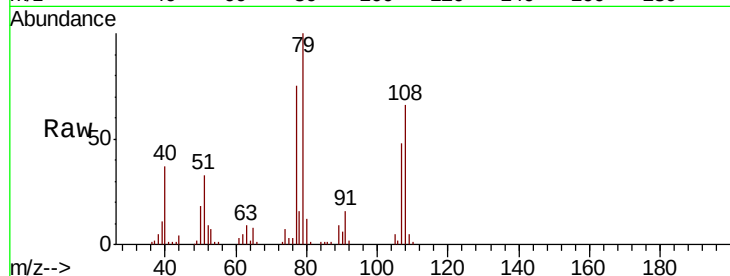
ClientSampleId :

PB121109BS

Tot Ion:	79	Resp:	81571
Ion	Ratio	Lower	Upper
79	100		
108	66.1	51.4	77.0
77	74.7	50.8	76.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.549 ng

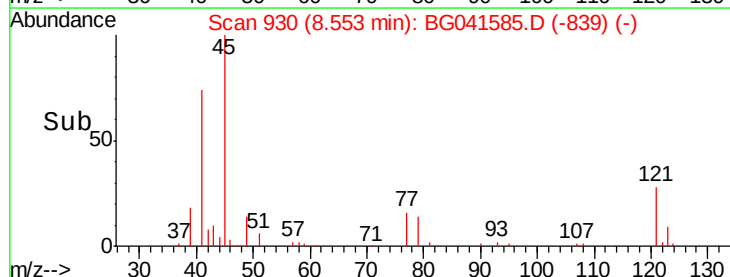
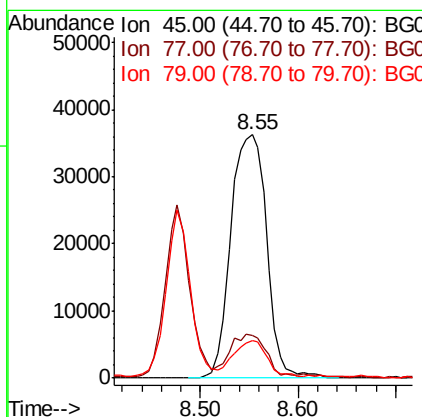
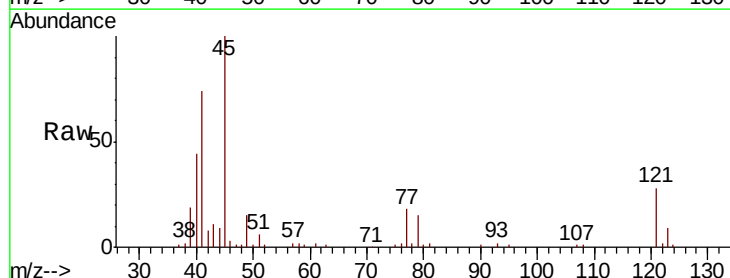
RT: 8.55 min Scan# 930

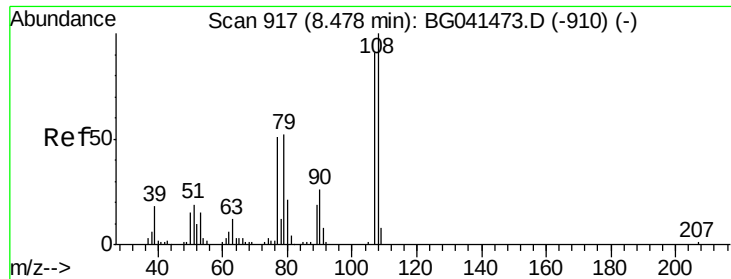
Delta R.T. 0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Tgt Ion:	45	Resp:	92632
Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	36.3
79	15.2	0.0	32.4





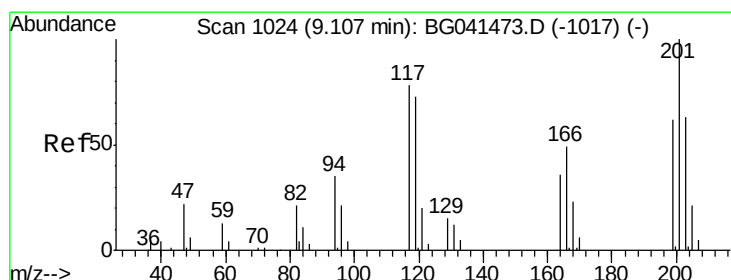
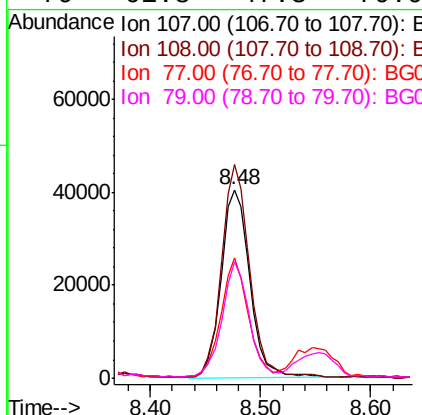
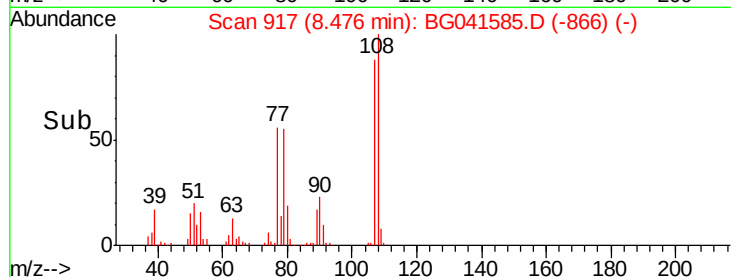
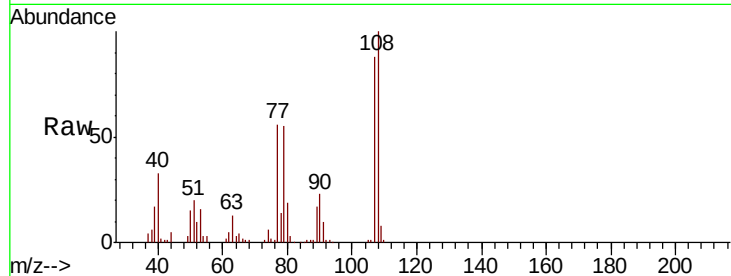
#17
2-Methylphenol
Concen: 45.606 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion:	107	Resp:	73542
Ion Ratio	Lower	Upper	
107	100		
108	113.2	88.0	132.0
77	63.6	45.3	67.9
79	61.8	47.3	70.9

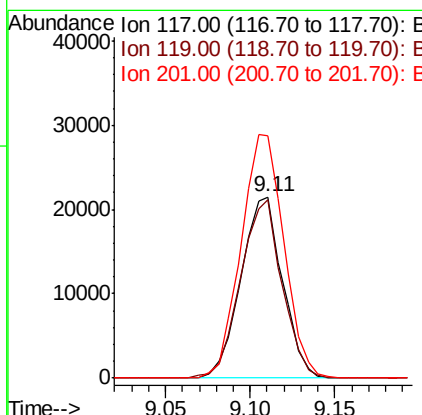
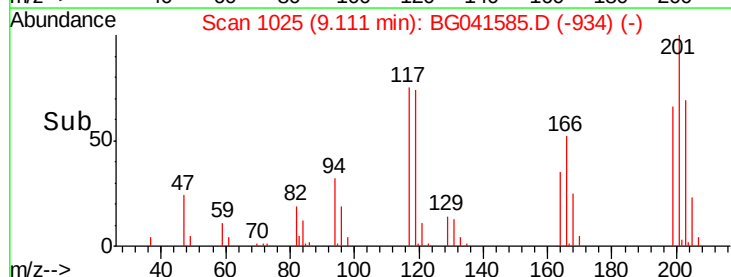
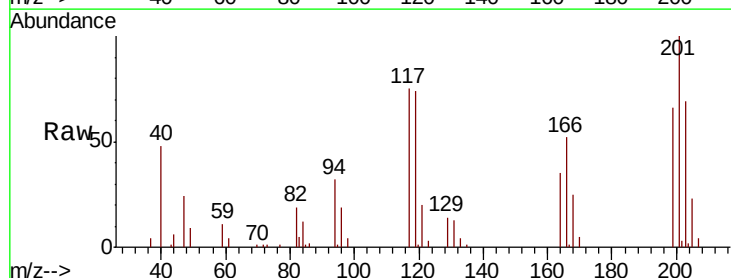
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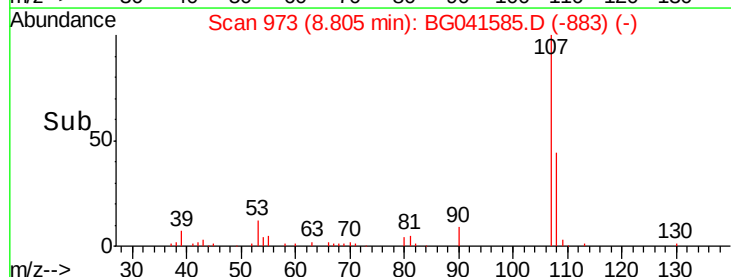
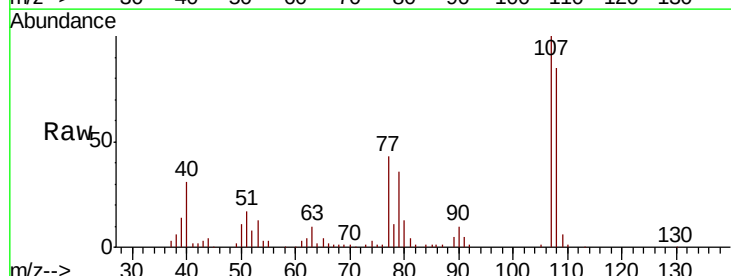
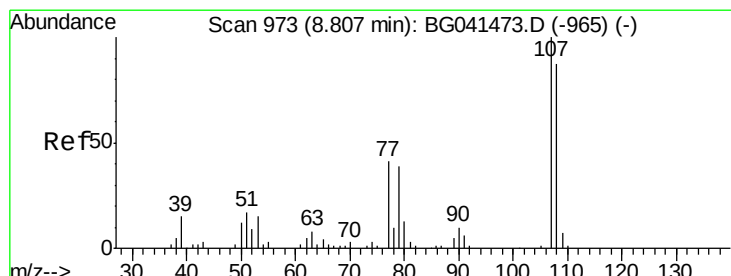
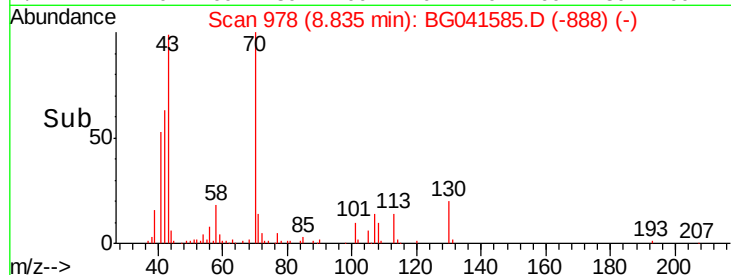
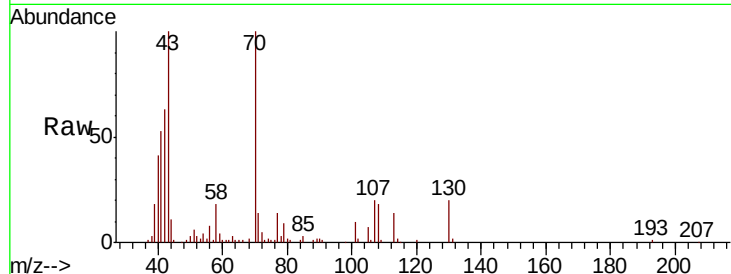
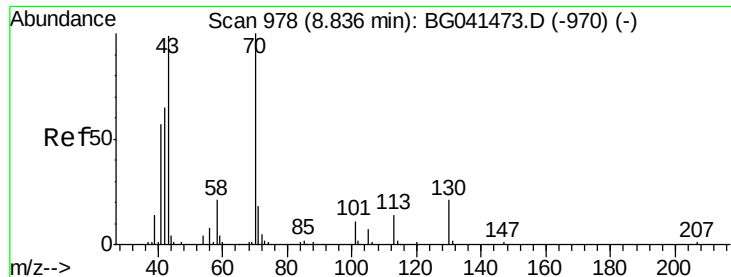
mohammad
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#18
Hexachloroethane
Concen: 40.516 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

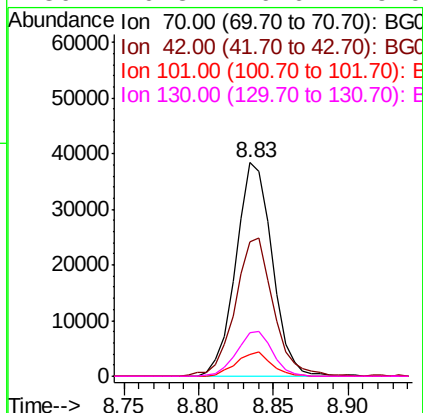
Tgt Ion:	117	Resp:	36506
Ion Ratio	Lower	Upper	
117	100		
119	98.5	74.3	111.5
201	133.6	102.3	153.5





#19
n-Nitroso-di-n-propylamine
Concen: 39.614 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.9	52.6	78.8	
101	10.3	8.6	13.0	
130	20.3	16.6	25.0	



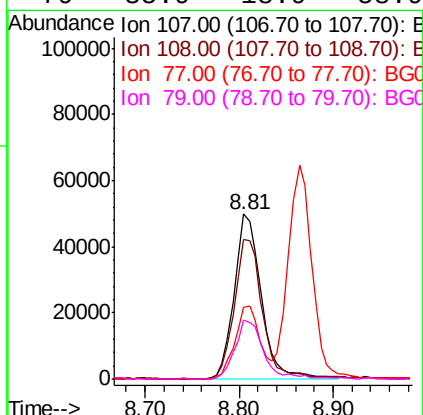
Instrument :
BNA_G
ClientSampleId :
PB121109BS

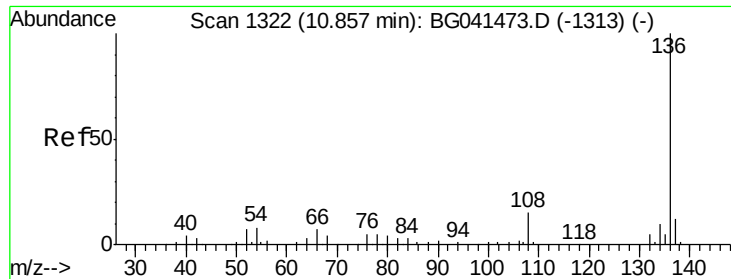
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#20
3+4-Methylphenols
Concen: 46.539 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.6	67.0	107.0	
77	43.2	20.6	60.6	
79	35.9	18.9	58.9	





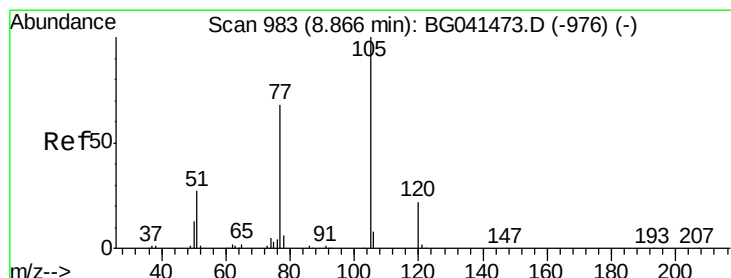
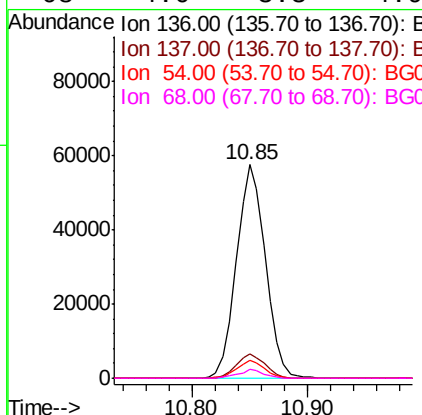
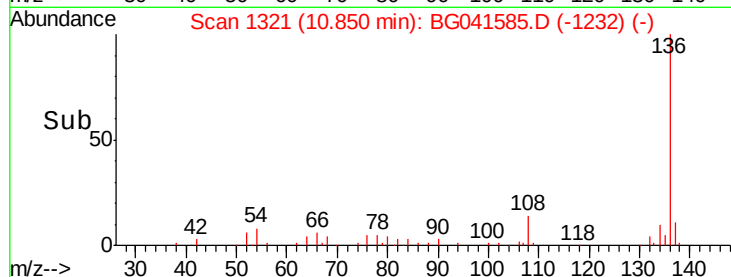
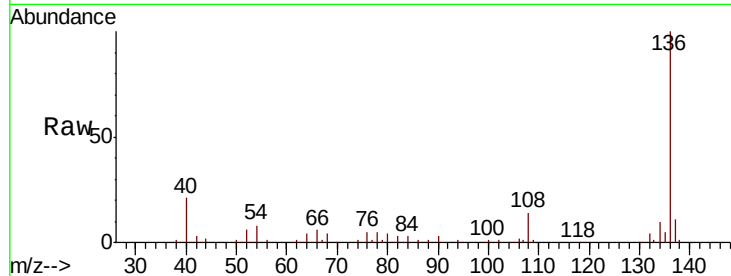
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.5	7.1	10.7
68	4.0	3.3	4.9

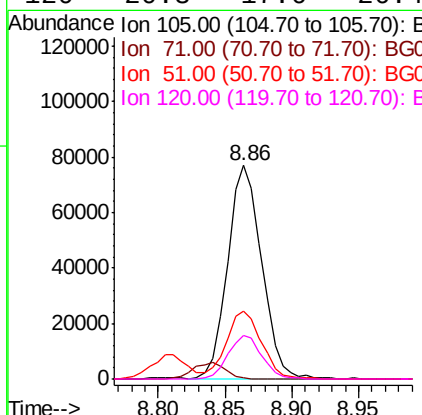
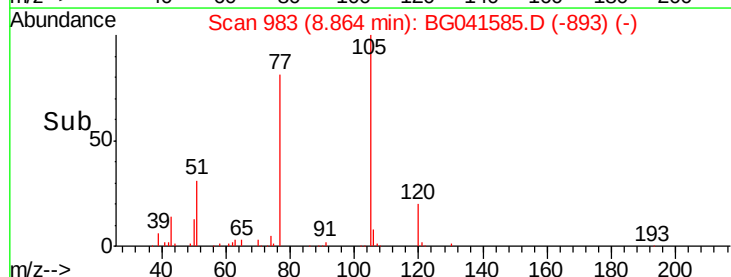
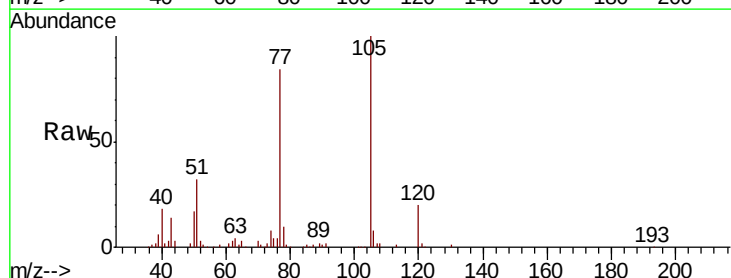
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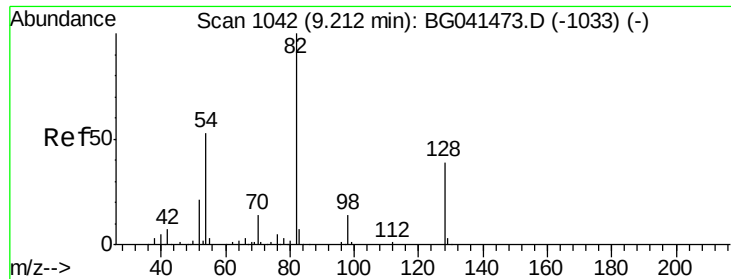
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#22
Acetophenone
Concen: 45.883 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.5	0.7
51	31.9	25.0	37.6
120	20.3	17.6	26.4





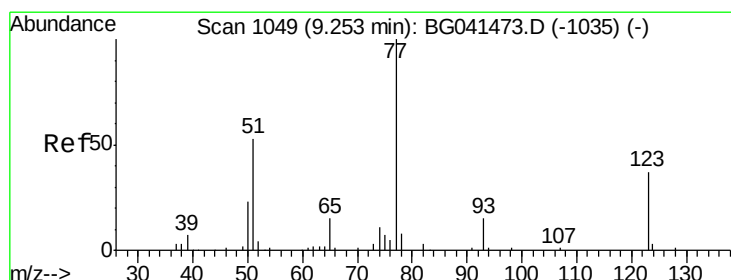
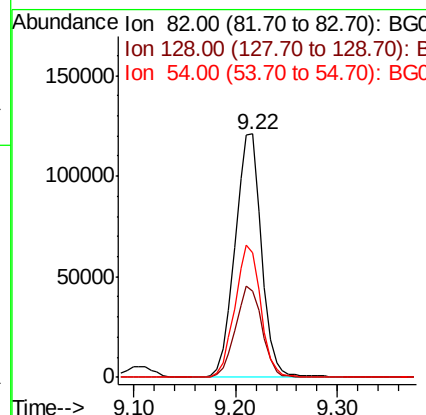
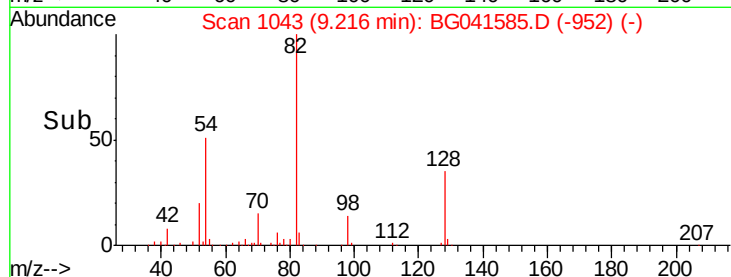
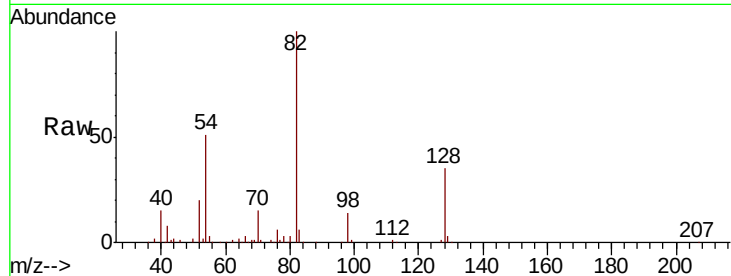
#23
Nitrobenzene-d5
Concen: 91.333 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.4	30.9	46.3
54	51.4	42.2	63.2

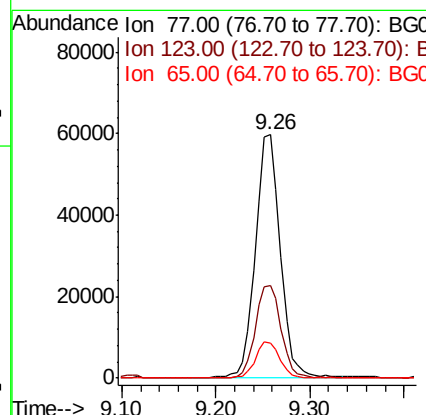
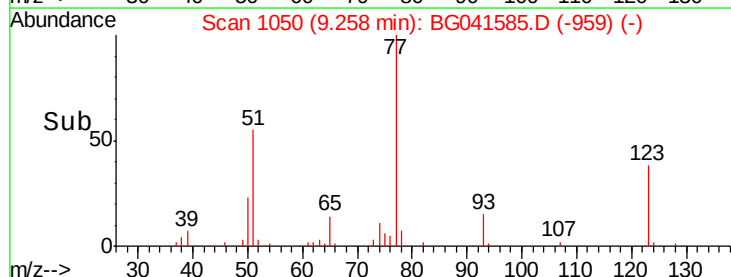
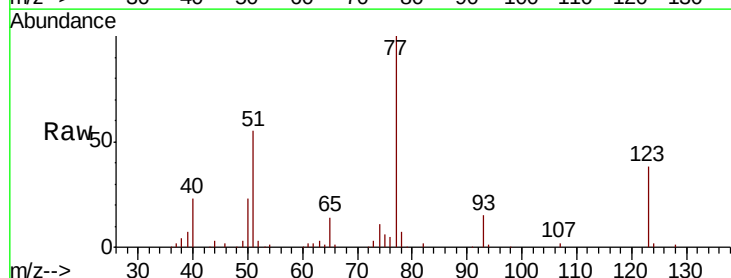
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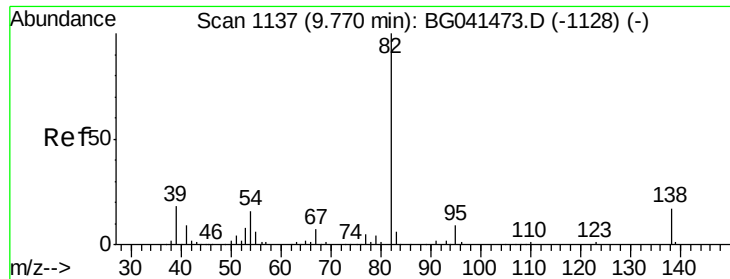
mohammad
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#24
Nitrobenzene
Concen: 45.653 ng
RT: 9.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.0	29.9	44.9
65	14.2	12.2	18.4





#25

Isophorone

Concen: 44.357 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

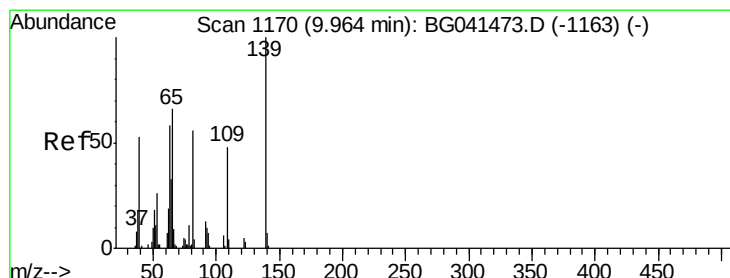
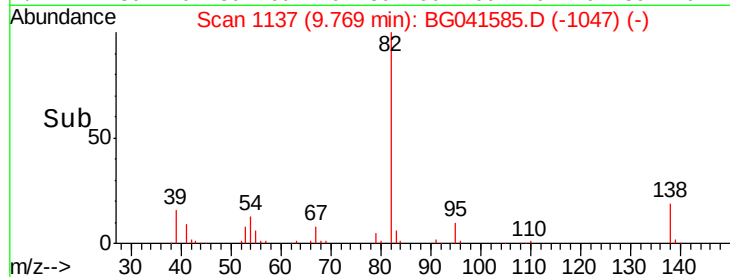
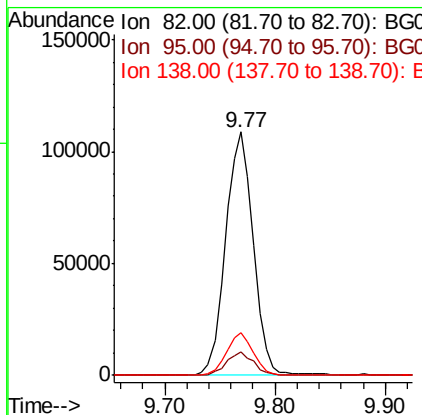
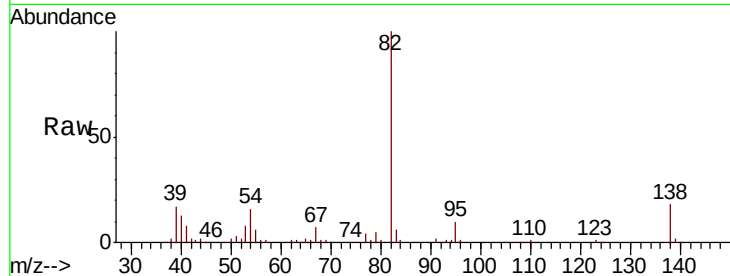
ClientSampleId :

PB121109BS

Tot Ion:	82	Resp:	190776
Ion Ratio		Lower	Upper
82	100		
95	9.8	6.8	10.2
138	17.7	13.7	20.5

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#26

2-Nitrophenol

Concen: 45.973 ng

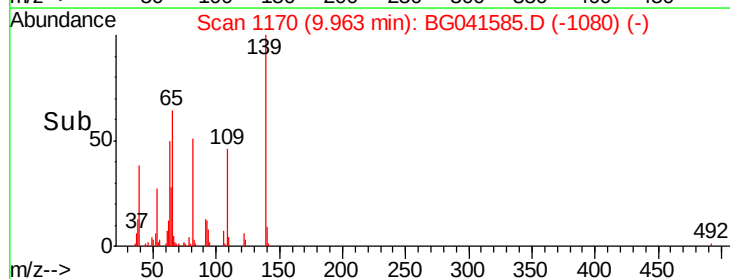
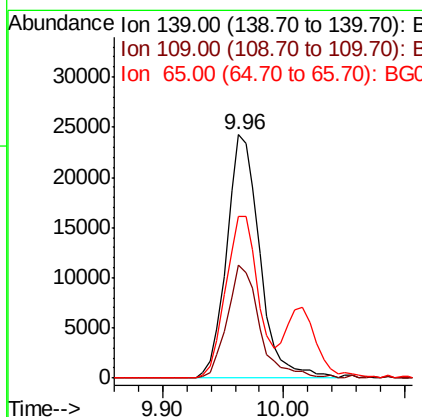
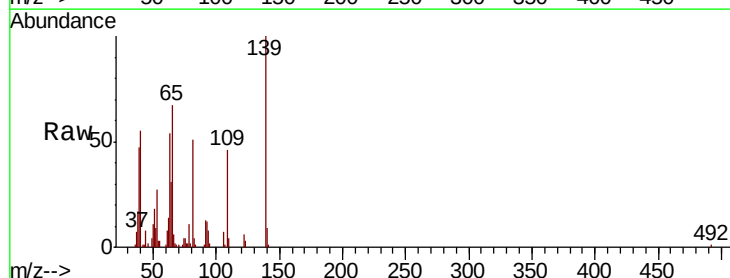
RT: 9.96 min Scan# 1170

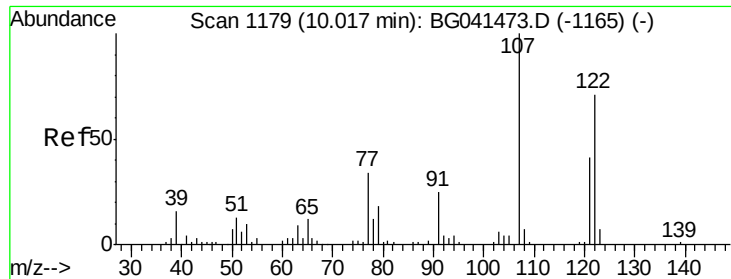
Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Tgt Ion:	139	Resp:	46165
Ion Ratio		Lower	Upper
139	100		
109	46.3	38.6	57.8
65	66.6	52.6	78.8





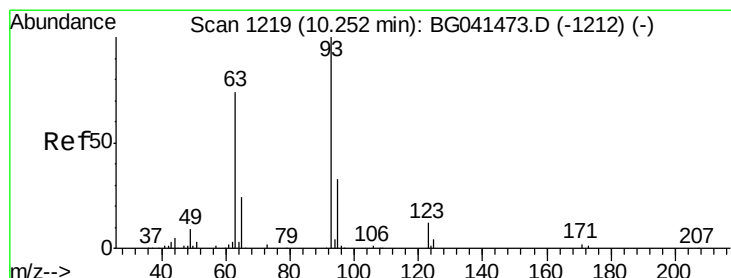
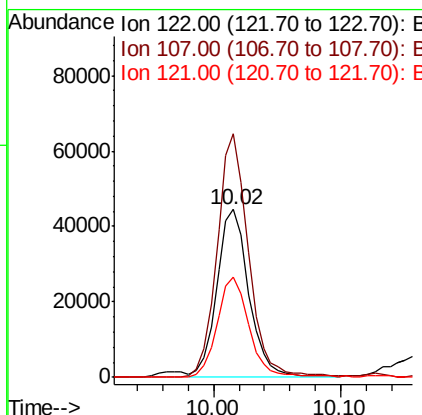
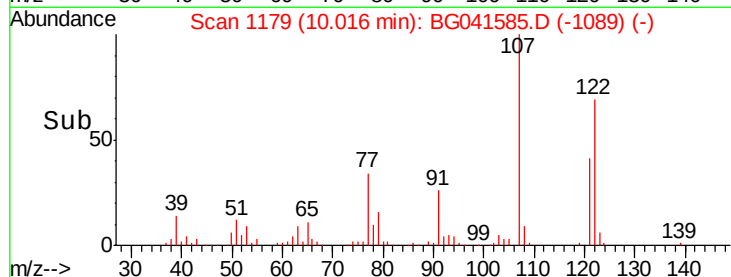
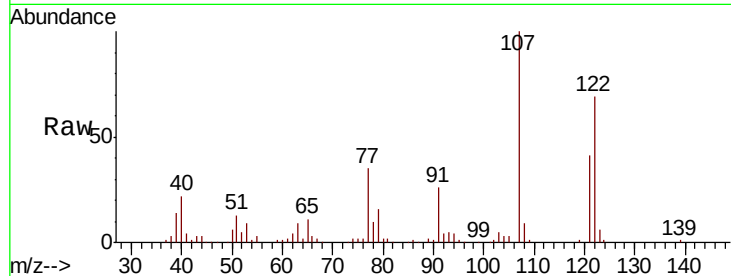
#27
2,4-Dimethylphenol
Concen: 55.312 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	145.3	112.9	169.3
121	59.6	46.1	69.1

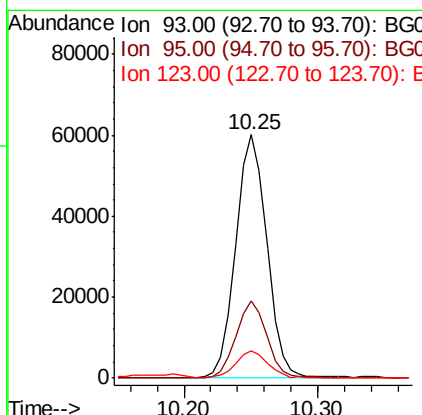
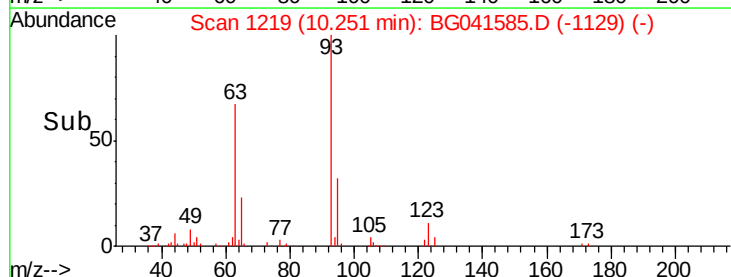
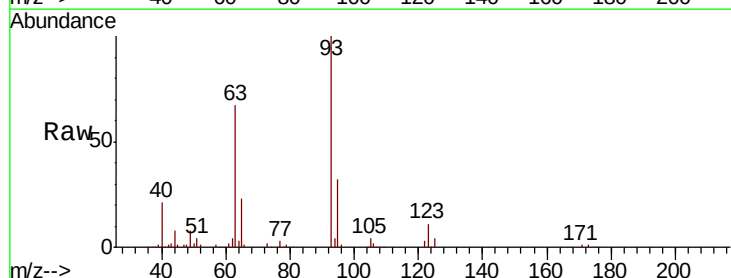
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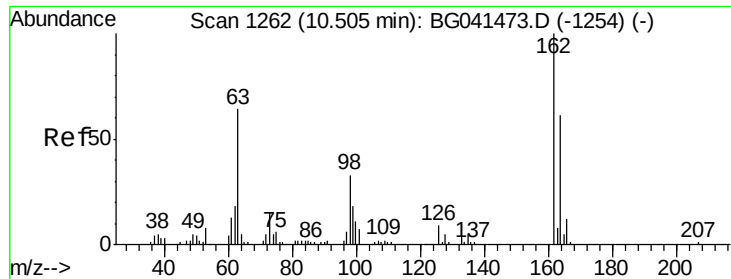
mohammad
7/5/2019 8:42:48 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.759 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	26.2	39.2
123	11.2	9.6	14.4





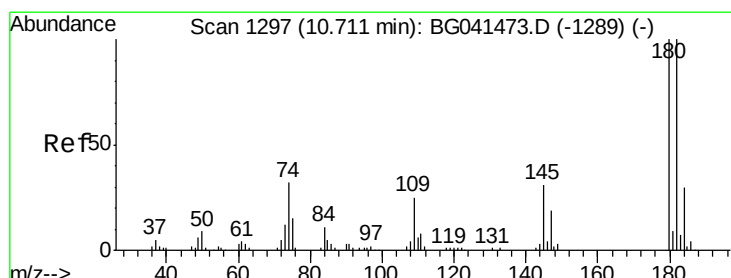
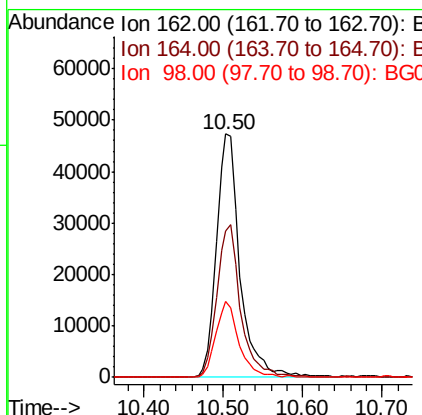
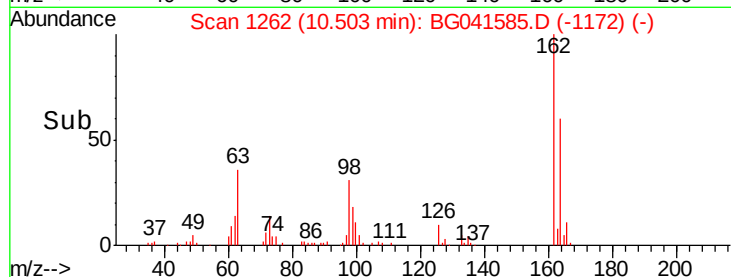
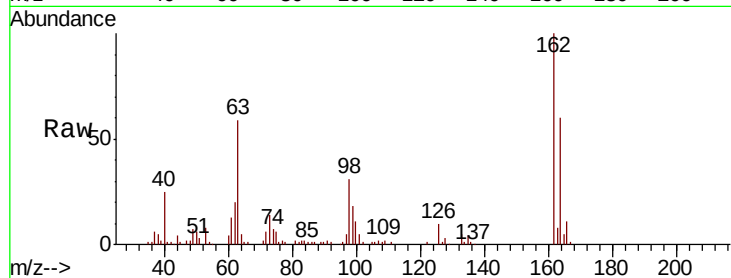
#29
2,4-Dichlorophenol
Concen: 51.559 ng
RT: 10.50 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.0	41.3	81.3
98	31.4	13.2	53.2

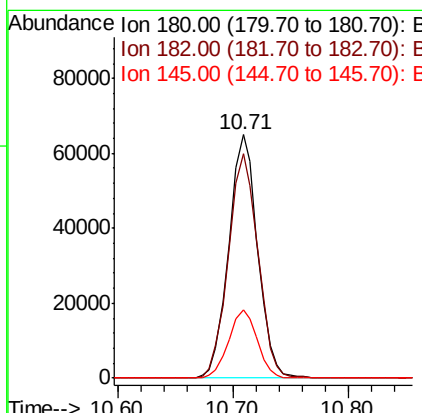
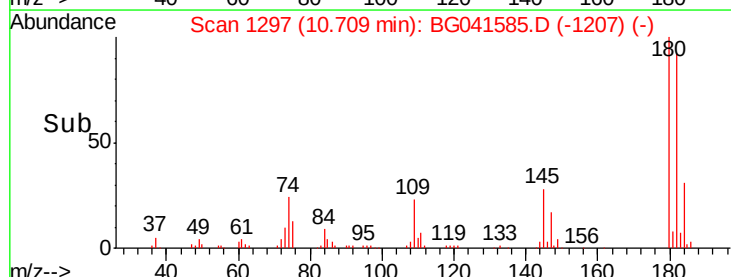
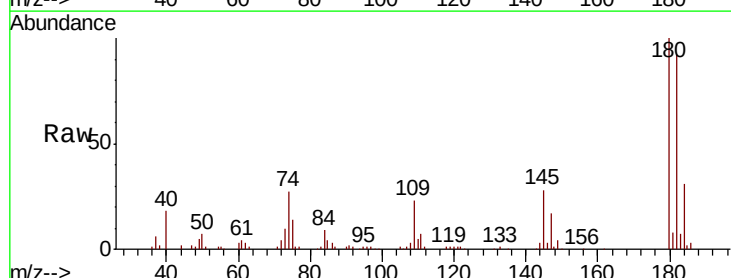
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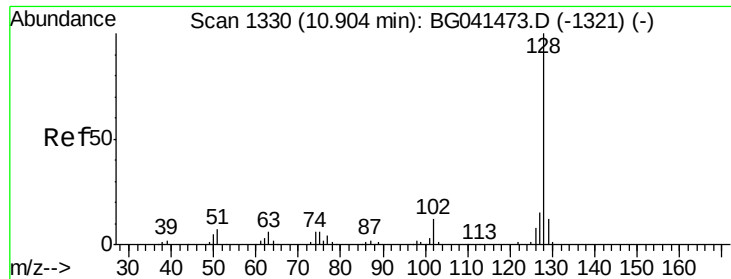
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 46.405 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	79.9	119.9
145	28.0	24.7	37.1





#31

Naphthalene

Concen: 46.469 ng

RT: 10.90 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

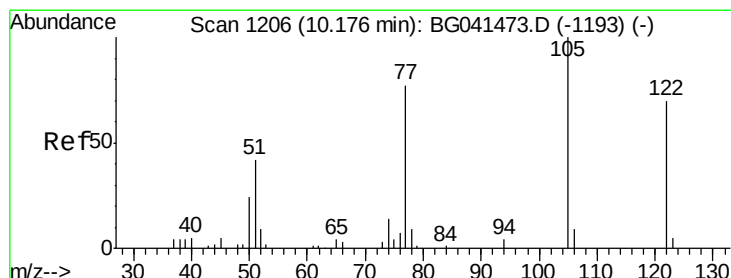
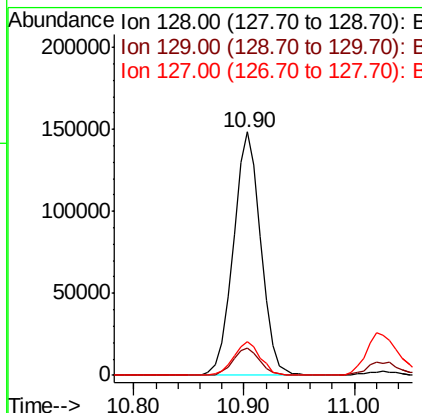
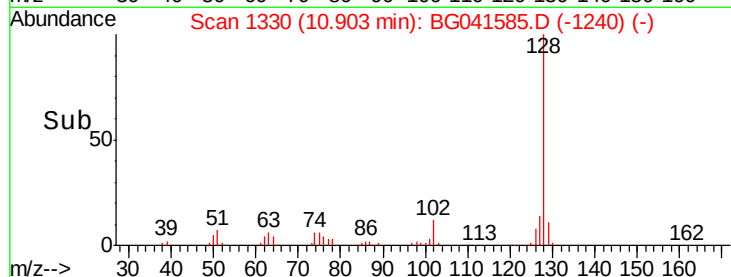
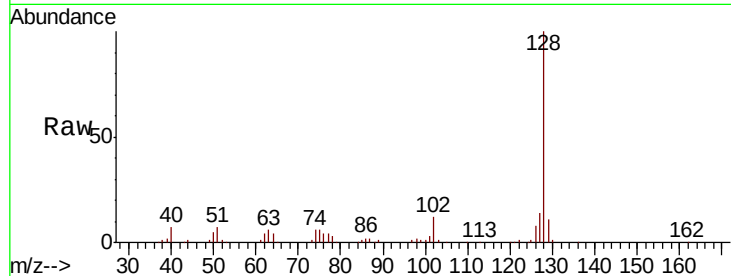
ClientSampleId :

PB121109BS

Tot Ion:	128	Resp:	256757
Ion Ratio		Lower	Upper
128	100		
129	11.2	9.7	14.5
127	14.1	11.6	17.4

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#32

Benzoic acid

Concen: 45.666 ng

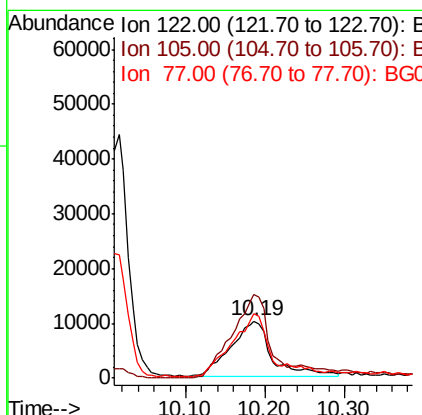
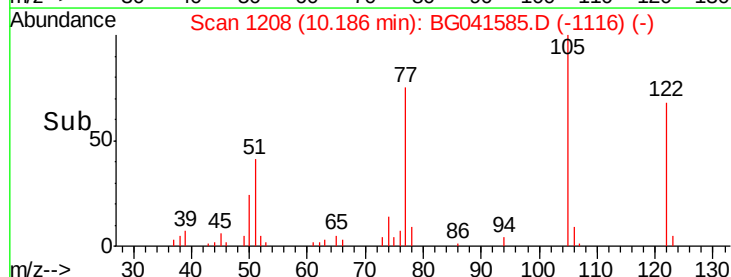
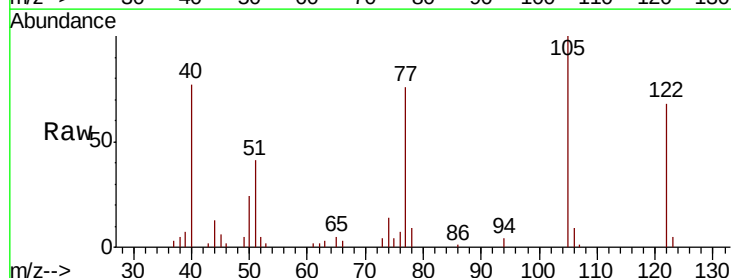
RT: 10.19 min Scan# 1208

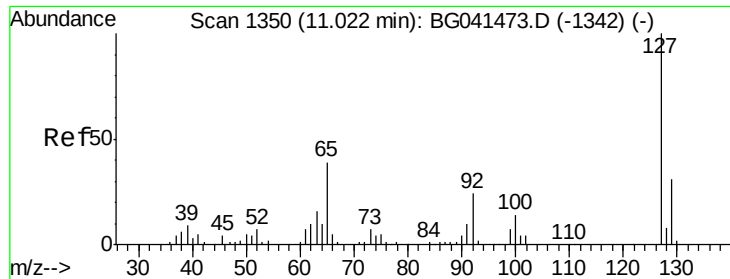
Delta R.T. 0.01 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Tgt Ion:	122	Resp:	36427
Ion Ratio		Lower	Upper
122	100		
105	147.7	117.8	157.8
77	112.9	88.9	128.9





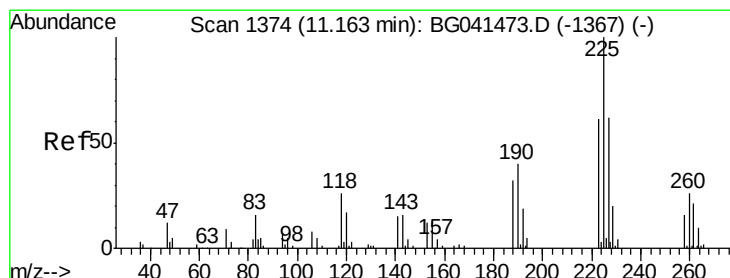
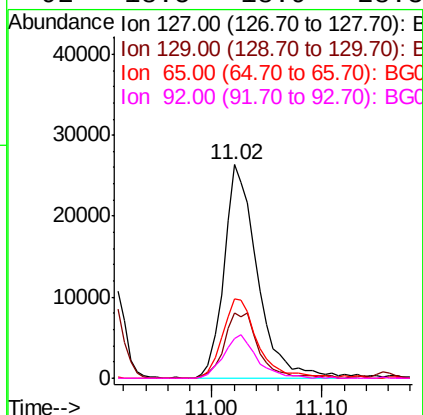
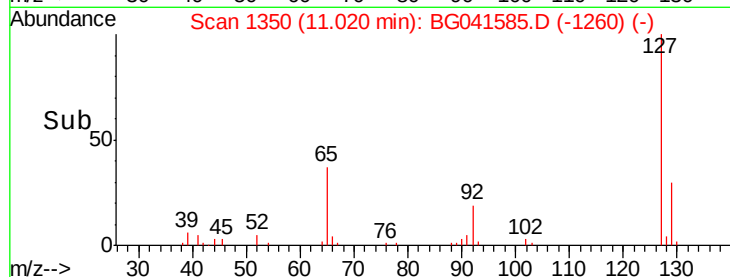
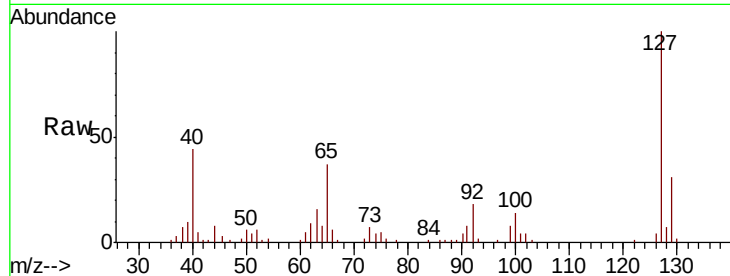
#33
 4-Chloroaniline
 Concen: 23.883 ng
 RT: 11.02 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Instrument :
 BNA_G
 ClientSampleId :
 PB121109BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.8	24.6	37.0
65	36.9	31.5	47.3
92	18.5	18.9	28.3

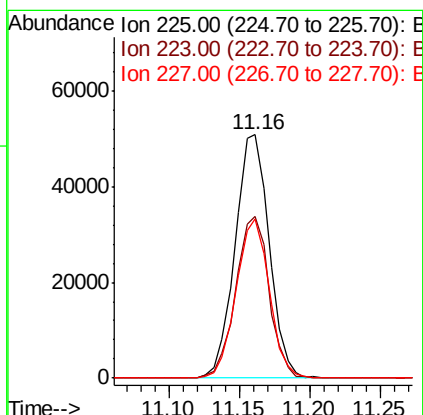
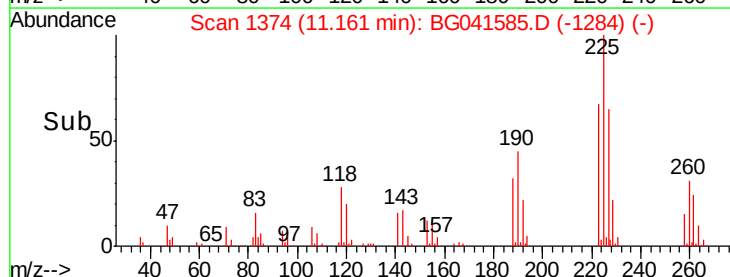
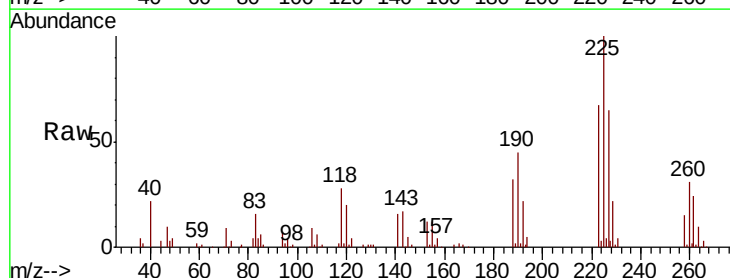
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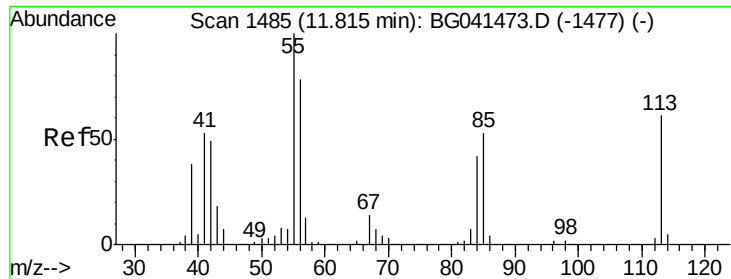
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#34
 Hexachlorobutadiene
 Concen: 44.757 ng
 RT: 11.16 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.6	48.6	72.8
227	65.5	49.3	73.9





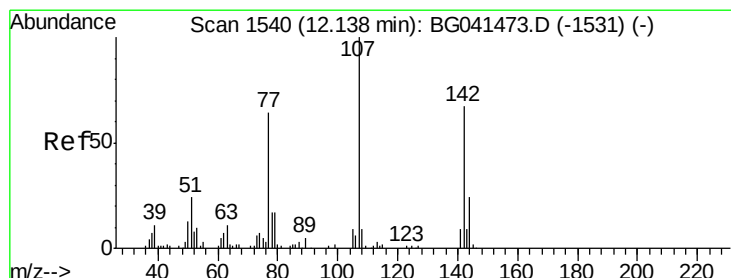
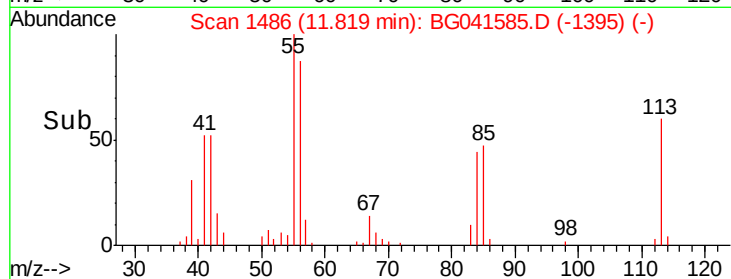
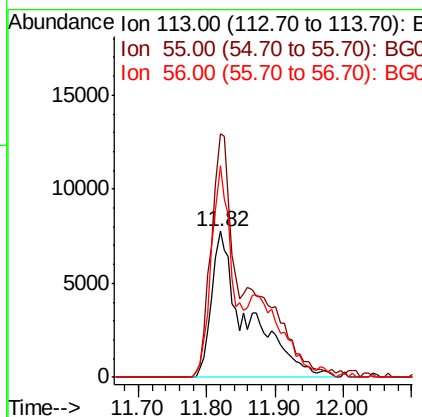
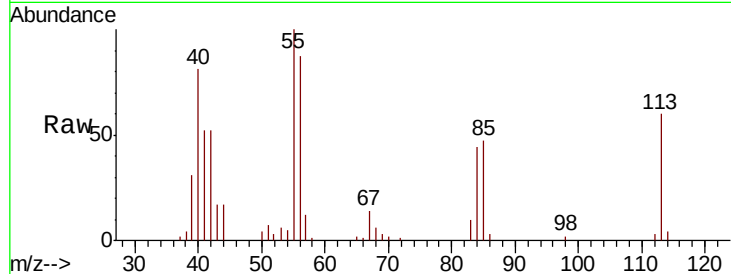
#35
Caprolactam
Concen: 47.948 ng/ml
RT: 11.82 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion: 113 Resp: 28262
Ion Ratio Lower Upper
113 100
55 166.8 145.1 185.1
56 145.2 109.4 149.4

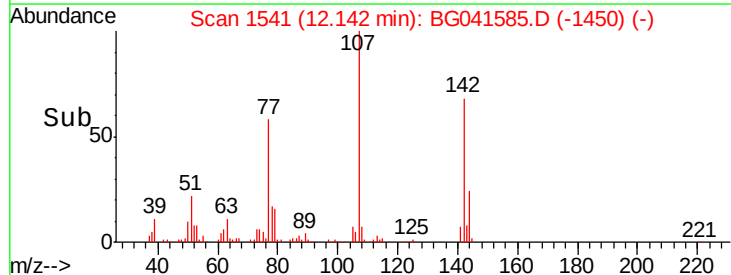
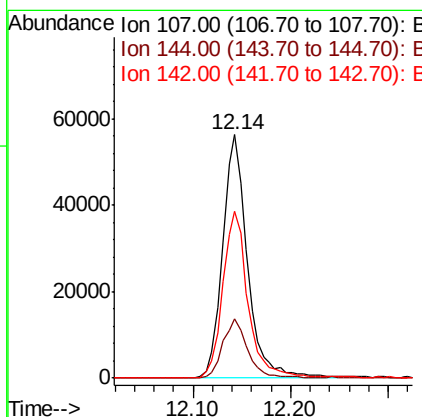
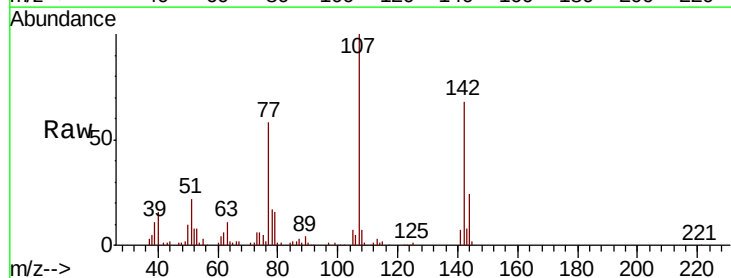
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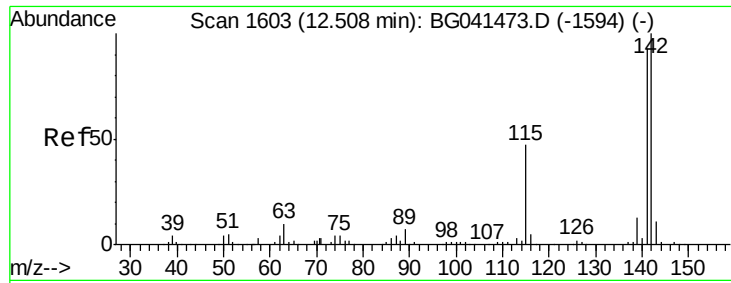
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 48.590 ng/ml
RT: 12.14 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion: 107 Resp: 99383
Ion Ratio Lower Upper
107 100
144 24.2 19.4 29.0
142 68.3 53.8 80.6





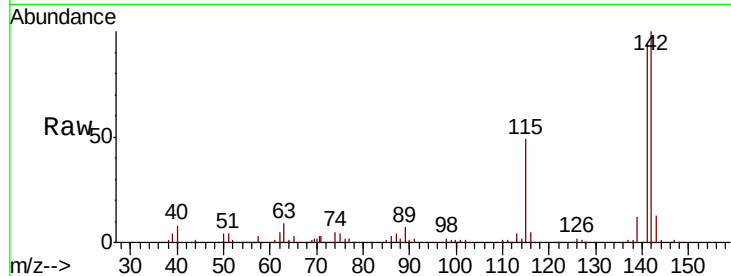
#37
2-Methylnaphthalene
Concen: 46.269 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.6	74.8	112.2
115	48.6	38.0	57.0

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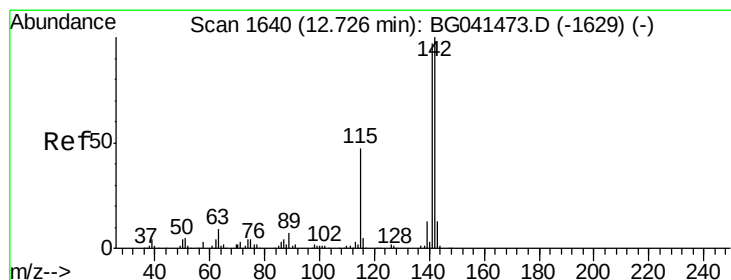
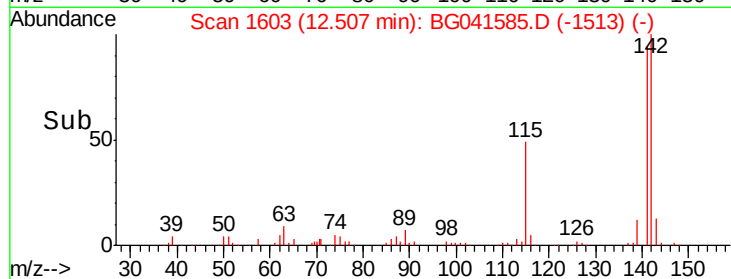
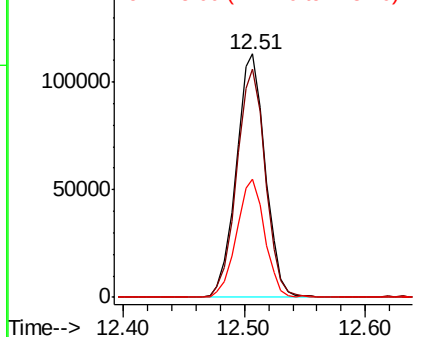


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.740 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

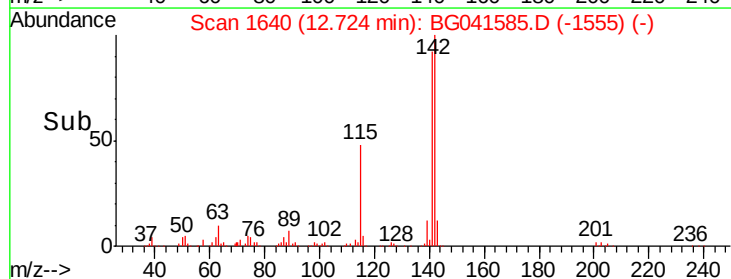
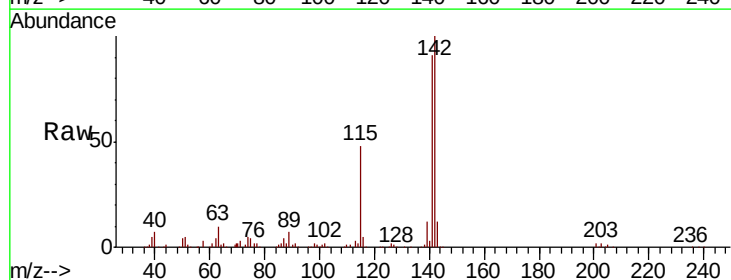
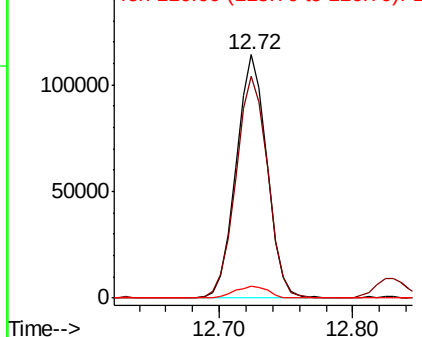
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	77.4	116.2
116	4.8	3.8	5.8

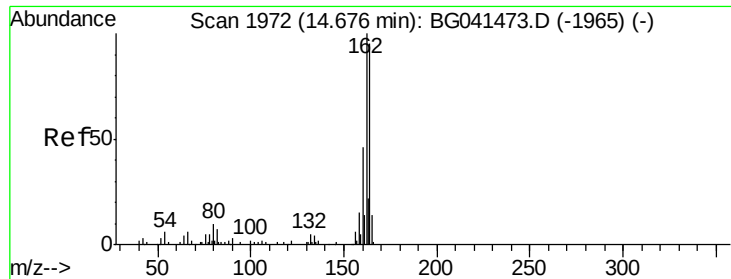
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

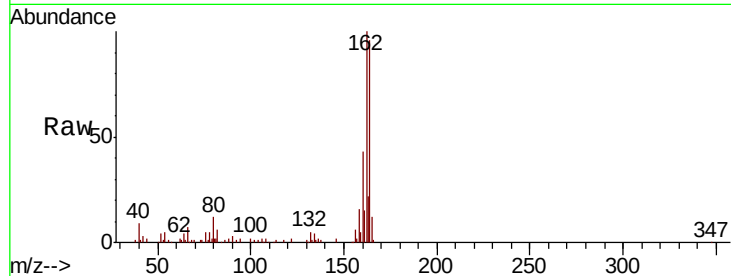
ClientSampleId :

PB121109BS

Tot Ion:	164	Resp:	71668
Ion	Ratio	Lower	Upper
164	100		
162	103.7	84.4	126.6
160	44.7	38.8	58.2

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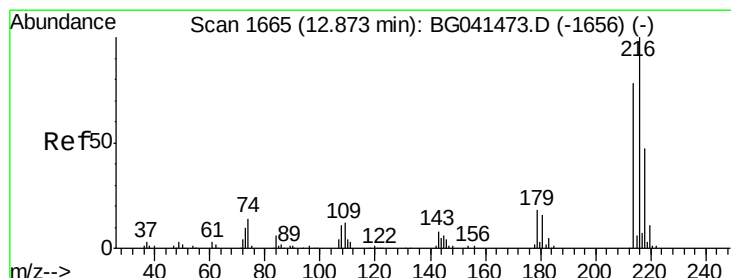
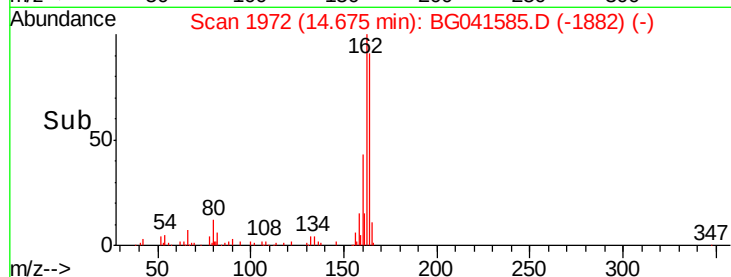
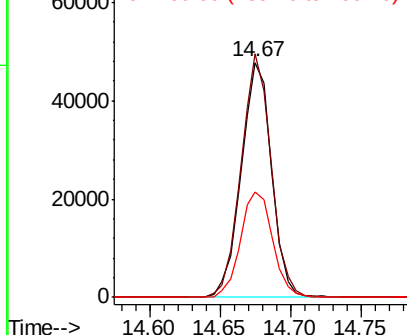


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.675 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Tgt Ion:	216	Resp:	150453
Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.4	95.2
179	19.0	15.1	22.7
108	12.9	11.7	17.5

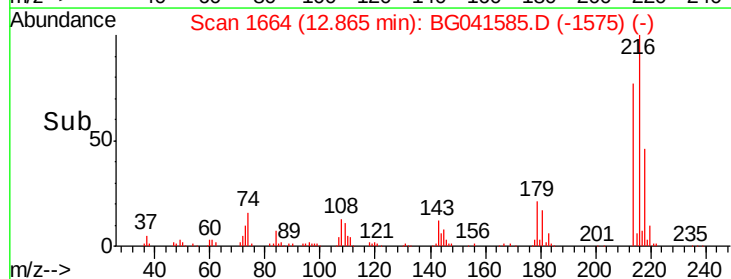
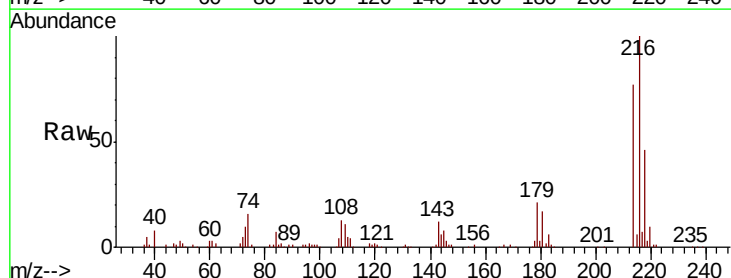
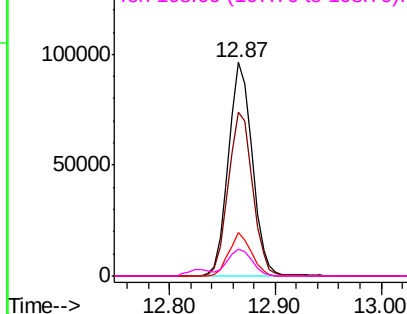
Abundance

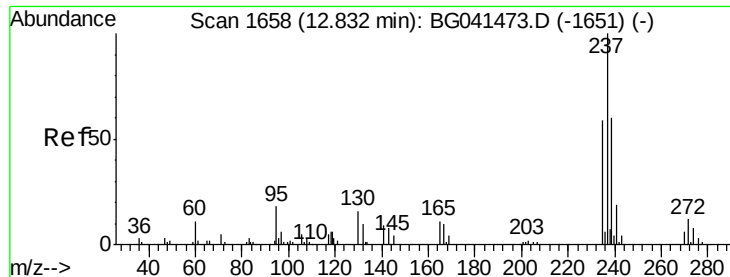
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 93.009 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

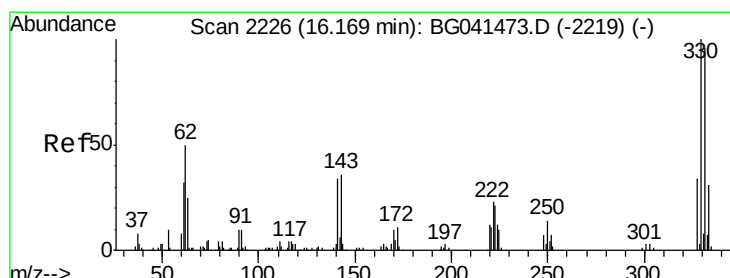
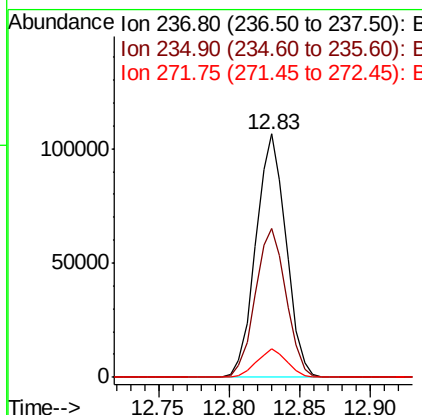
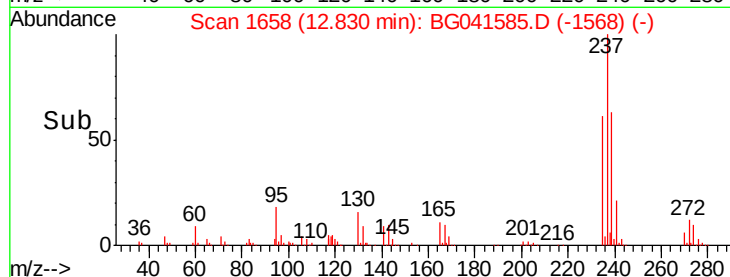
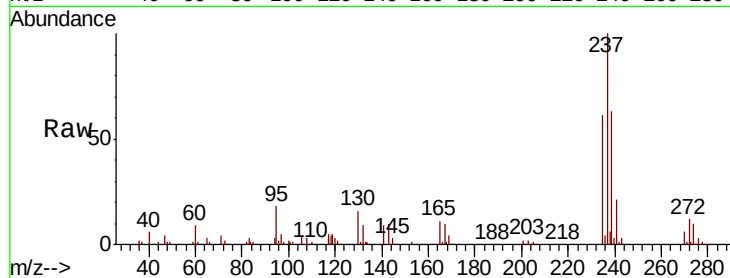
ClientSampleId :

PB121109BS

Tot Ion:	237	Resp:	160315
Ion Ratio		Lower	Upper
237	100		
235	61.2	39.1	79.1
272	11.5	0.0	31.5

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#42

2,4,6-Tribromophenol

Concen: 152.275 ng

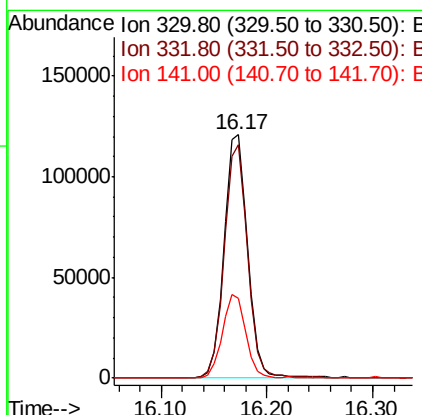
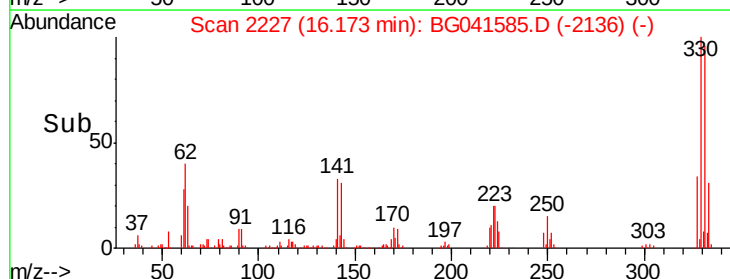
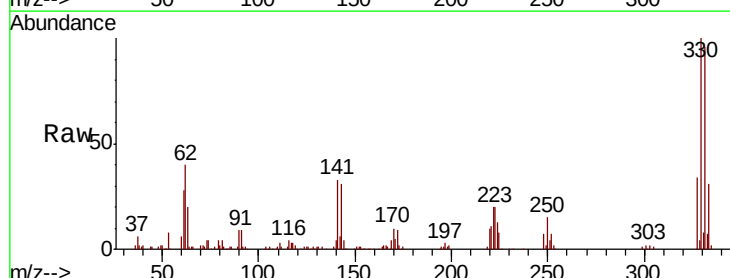
RT: 16.17 min Scan# 2227

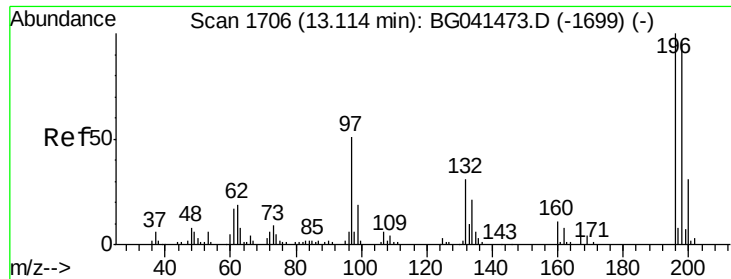
Delta R.T. 0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Tgt Ion:	330	Resp:	186336
Ion Ratio		Lower	Upper
330	100		
332	95.3	75.5	113.3
141	34.2	27.8	41.6





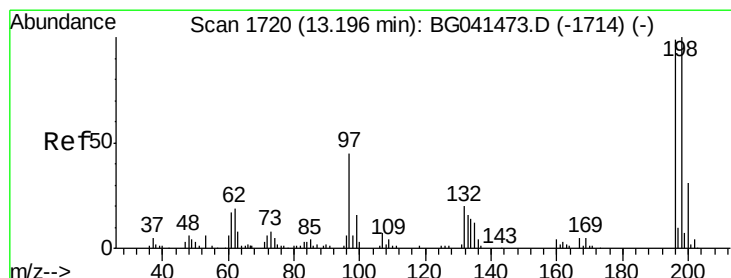
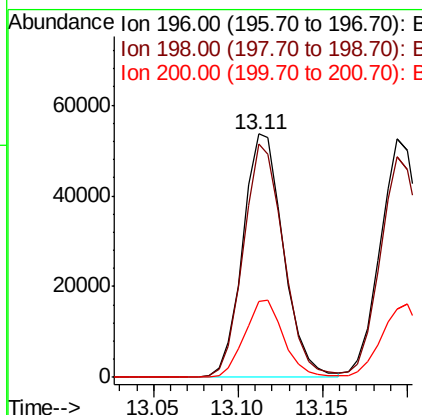
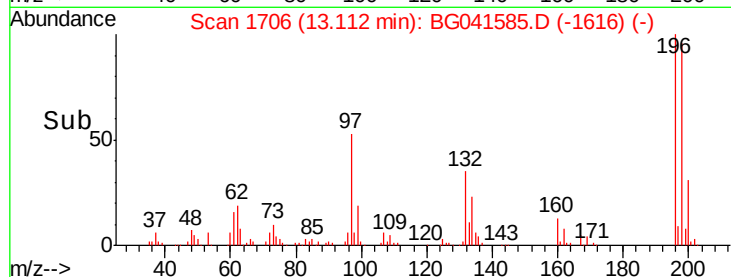
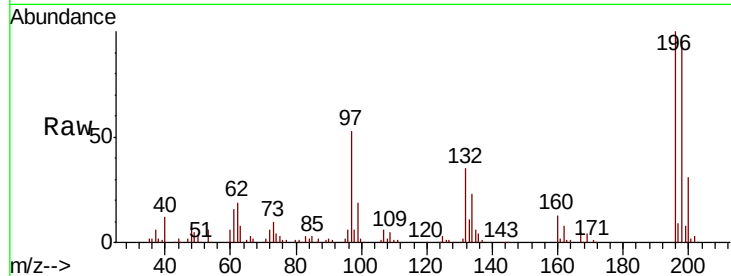
#43
 2,4,6-Trichlorophenol
 Concen: 47.877 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Instrument :
 BNA_G
 ClientSampleId :
 PB121109BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.7	115.1
200	31.4	24.4	36.6

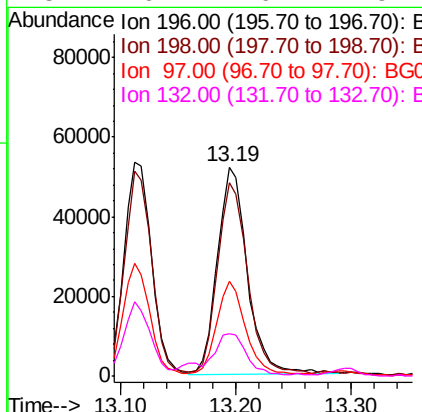
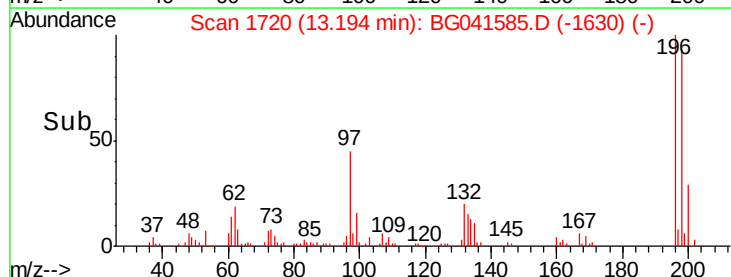
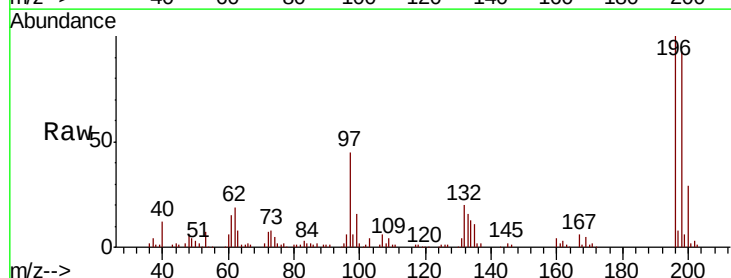
Manual Integrations
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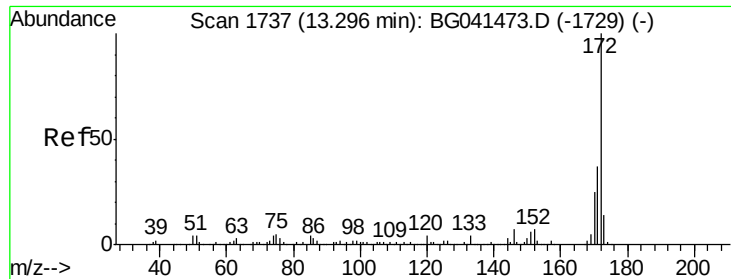
mohammad
 7/5/2019 8:42:48 AM



#44
 2,4,5-Trichlorophenol
 Concen: 50.082 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.6	80.5	120.7
97	45.1	36.5	54.7
132	20.4	16.7	25.1





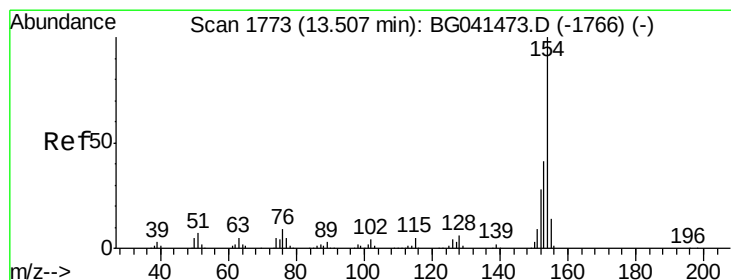
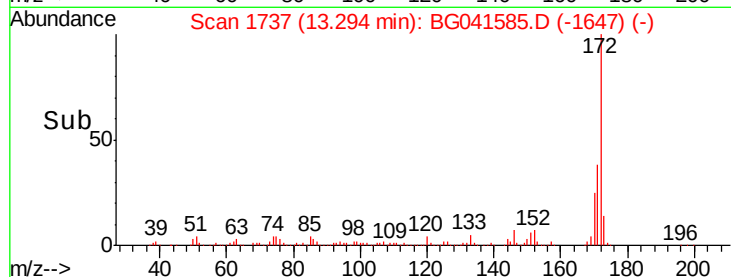
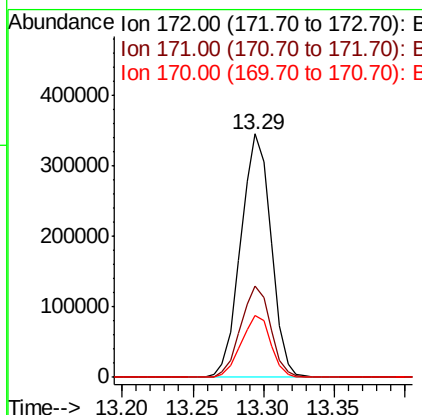
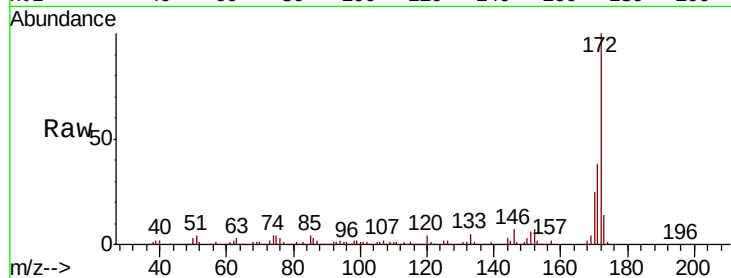
#45
2-Fluorobiphenyl
Concen: 93.118 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.6	44.4
170	25.4	20.0	30.0

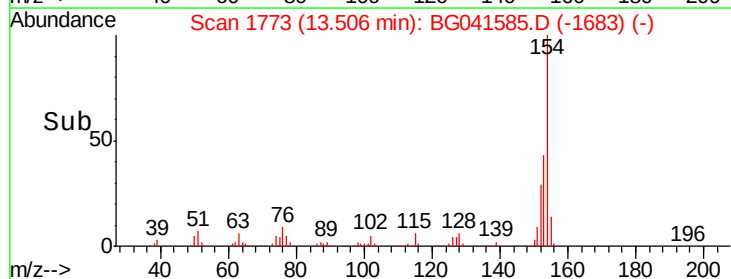
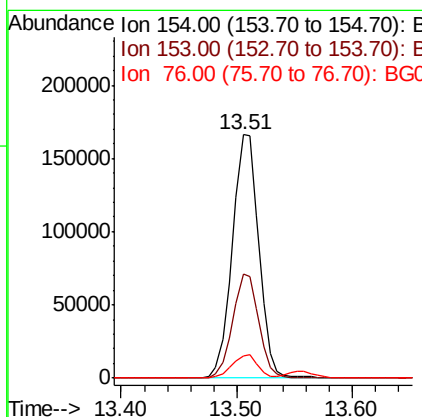
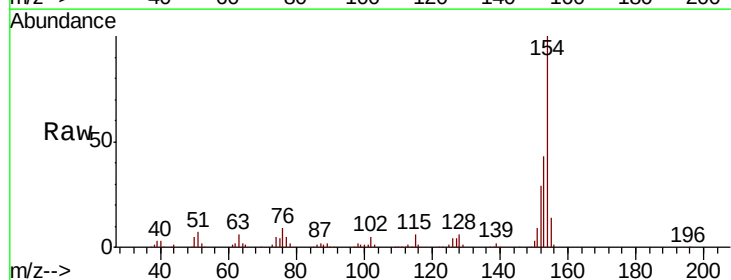
Manual Integrations
APPROVED

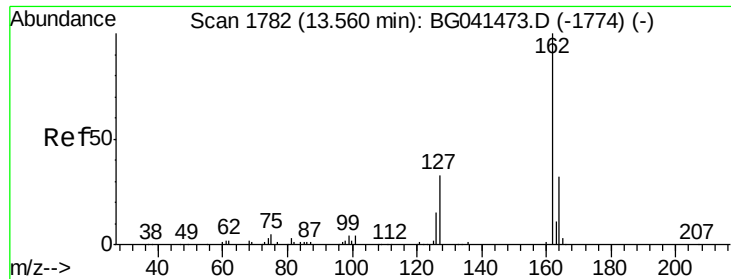
mohammad
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#46
1,1'-Biphenyl
Concen: 46.455 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	20.9	60.9
76	9.1	0.0	29.4





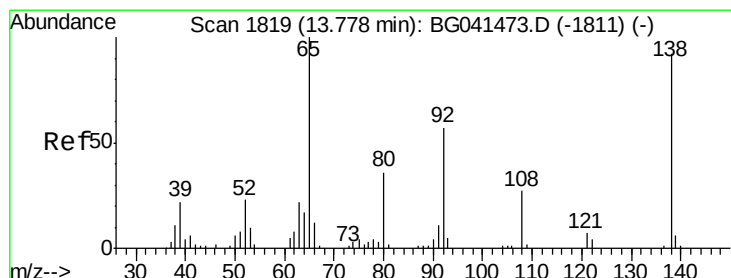
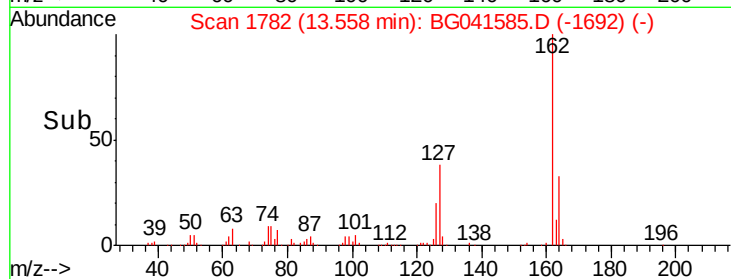
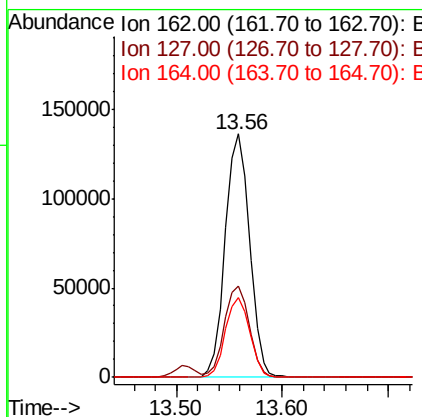
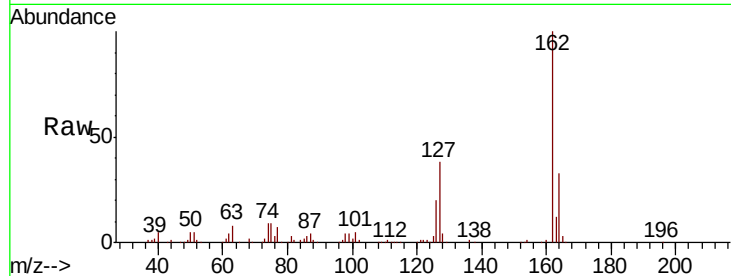
#47
 2-Chloronaphthalene
 Concen: 44.836 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Instrument :
 BNA_G
 ClientSampleId :
 PB121109BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.0	45.0
164	32.6	25.8	38.6

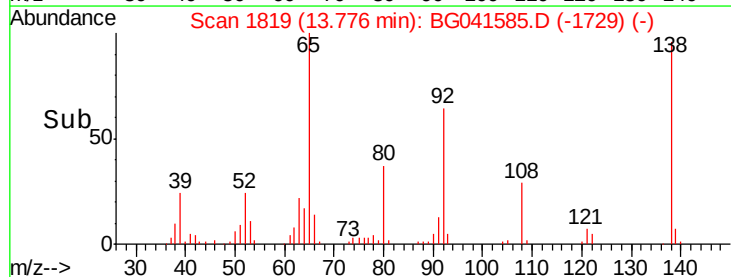
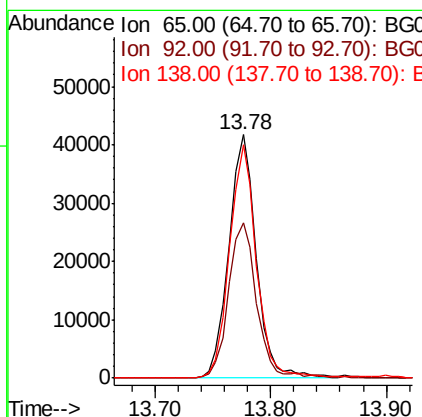
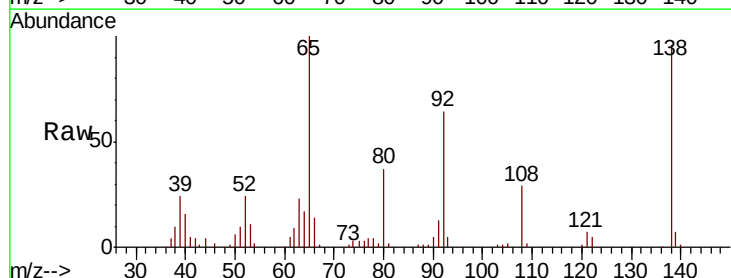
Manual Integrations
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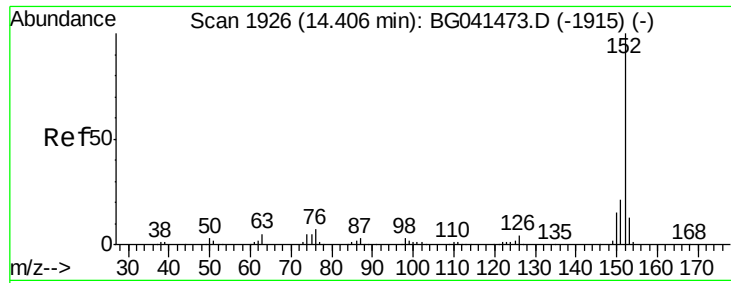
mohammad
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#48
 2-Nitroaniline
 Concen: 41.623 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.6	45.9	68.9
138	96.0	73.4	110.2





#49

Acenaphthylene

Concen: 46.689 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

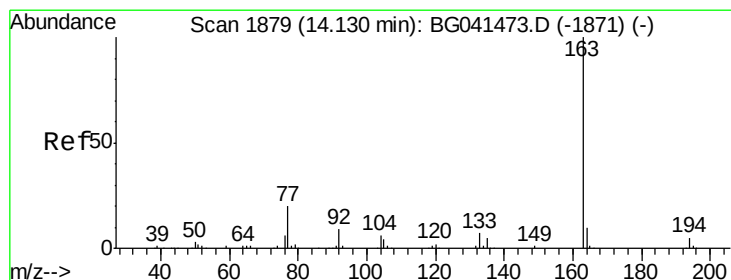
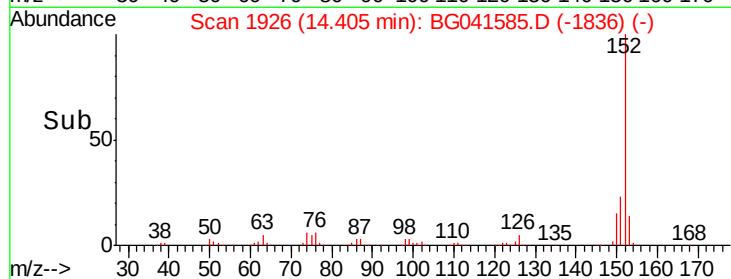
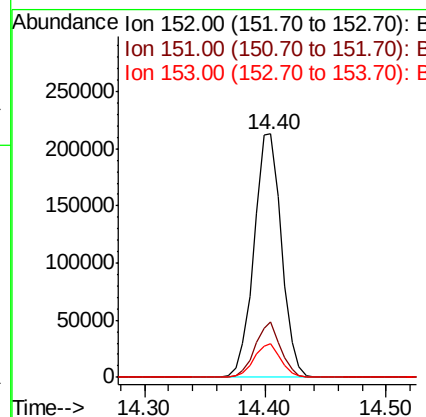
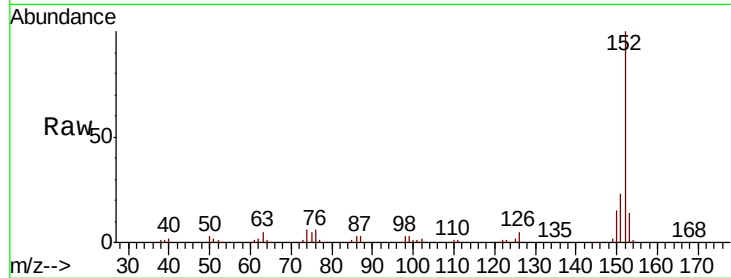
ClientSampleId :

PB121109BS

Tot Ion:	152	Resp:	338953
Ion Ratio	Lower	Upper	
152	100		
151	22.6	16.7	25.1
153	13.7	10.8	16.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 45.603 ng

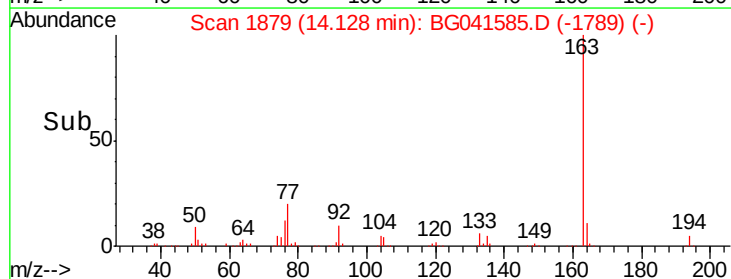
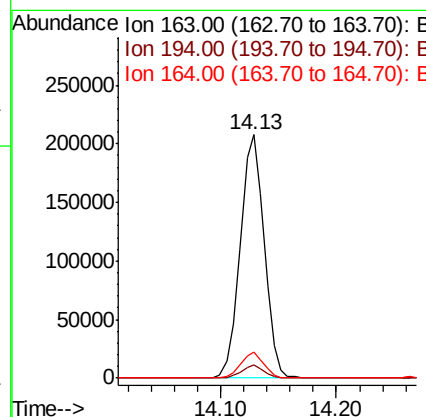
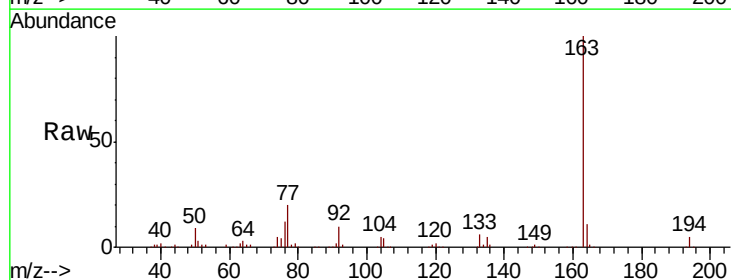
RT: 14.13 min Scan# 1879

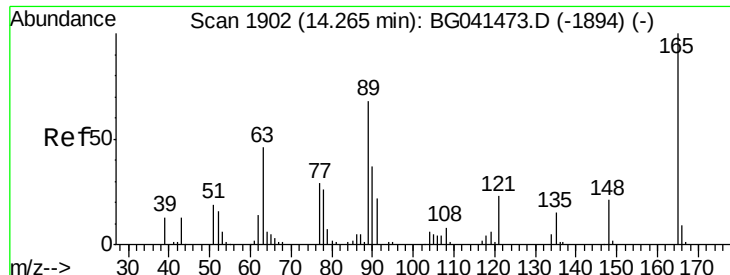
Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Tgt Ion:	163	Resp:	297417
Ion Ratio	Lower	Upper	
163	100		
194	5.3	3.7	5.5
164	10.7	7.8	11.6





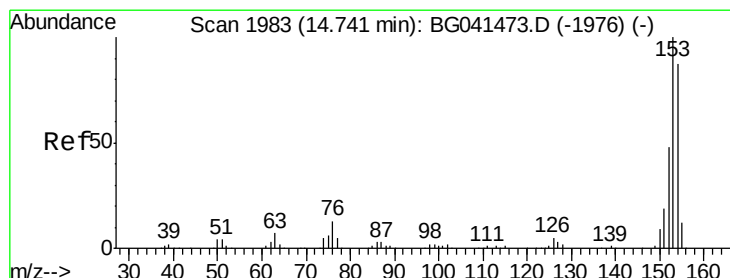
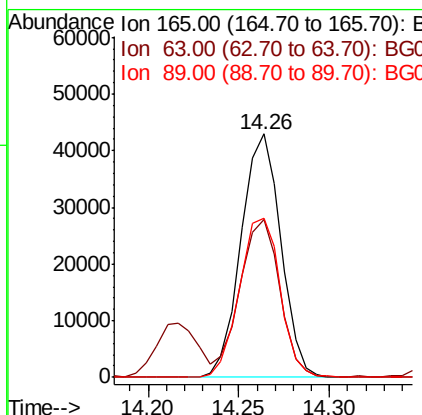
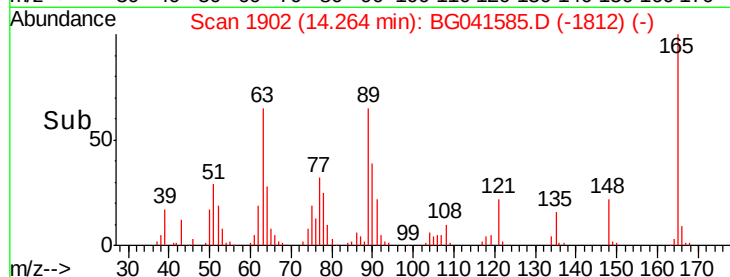
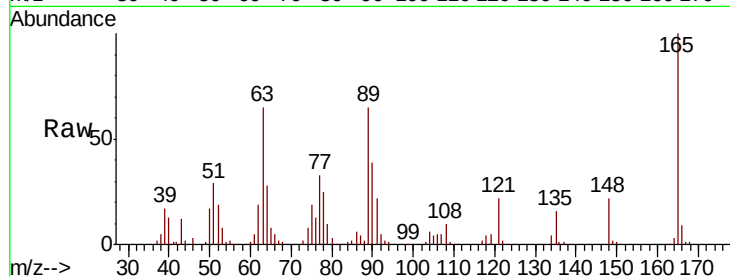
#51
2,6-Dinitrotoluene
Concen: 47.331 ng
RT: 14.26 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	65509		
63	64.7		56.4	84.6
89	65.5		54.6	81.8

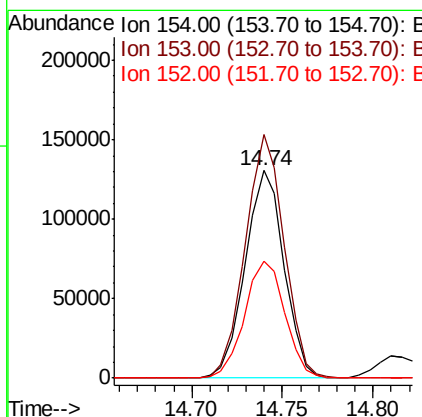
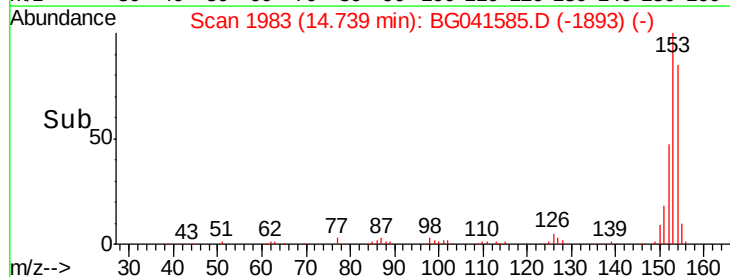
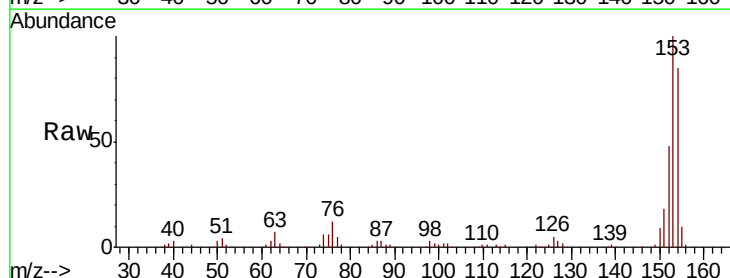
Manual Integrations
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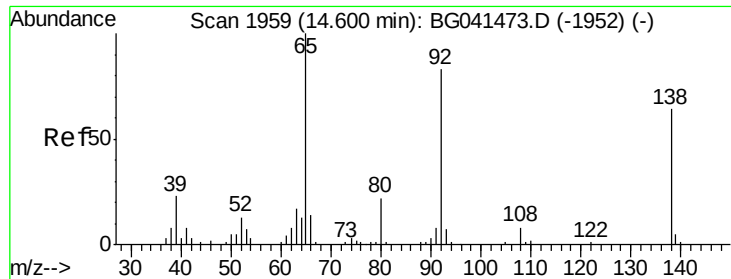
mohammad
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#52
Acenaphthene
Concen: 45.238 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	194754		
153	117.5		92.2	138.4
152	56.7		44.1	66.1





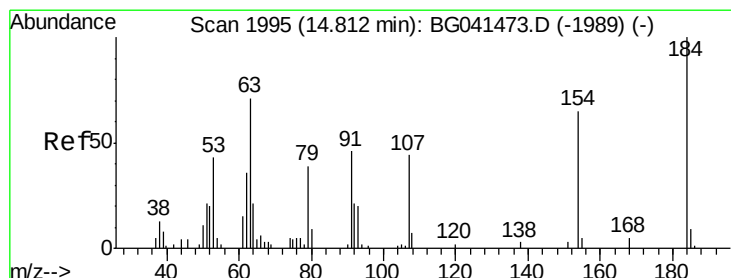
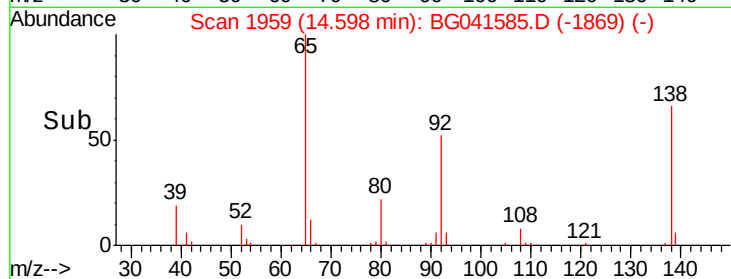
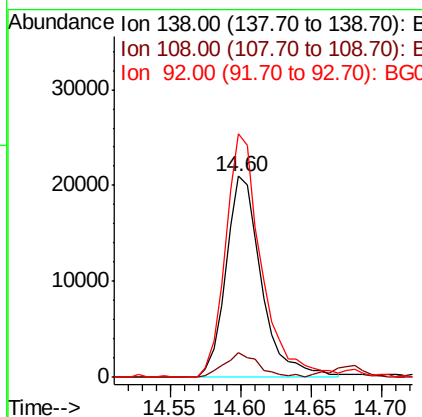
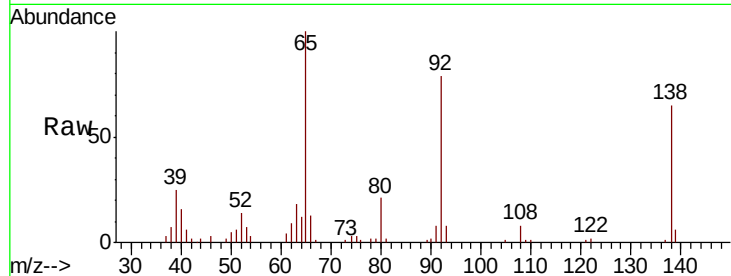
#53
3-Nitroaniline
Concen: 27.766 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.5	9.5	14.3
92	121.1	103.3	154.9

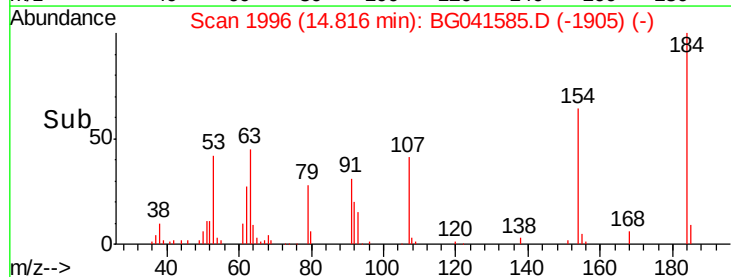
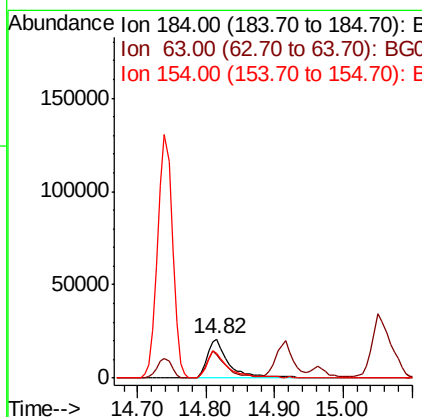
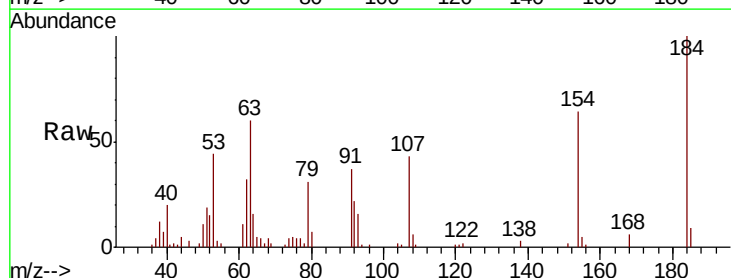
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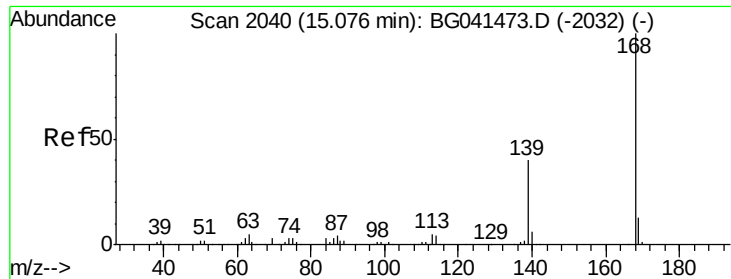
mohammad
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#54
2,4-Dinitrophenol
Concen: 53.839 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.1	56.5	84.7
154	64.2	54.2	81.4





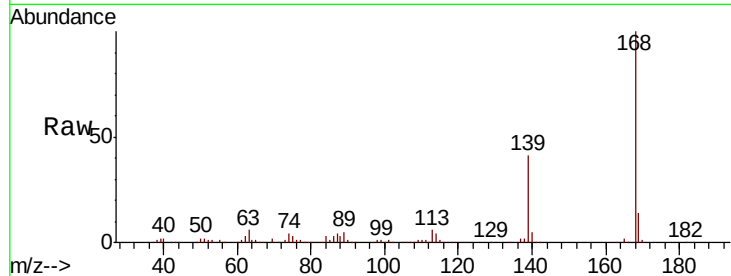
#55
Dibenzenofuran
Concen: 47.624 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.4	32.2	48.4
169	14.0	10.6	16.0

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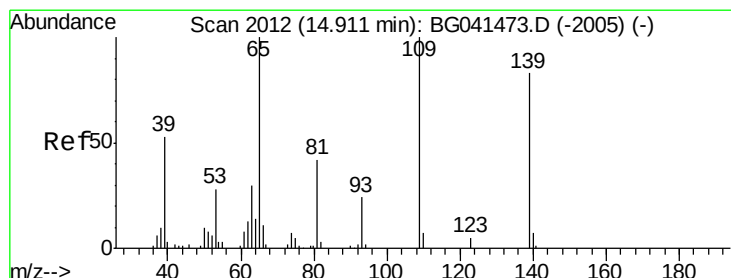
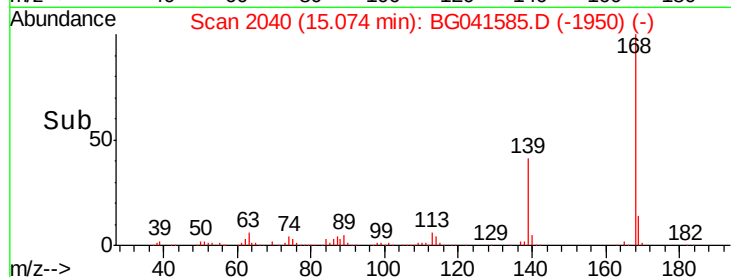
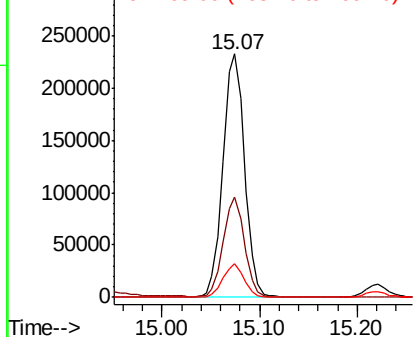


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 104.197 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

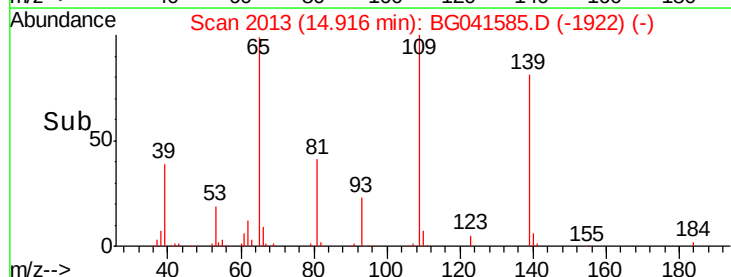
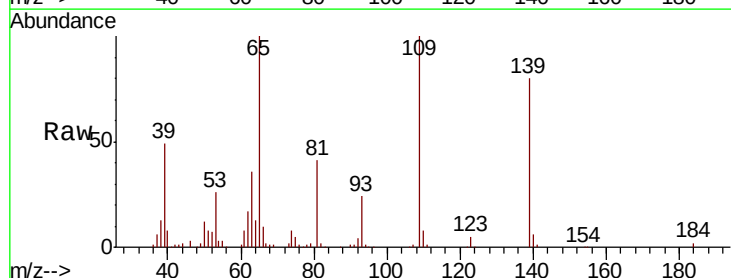
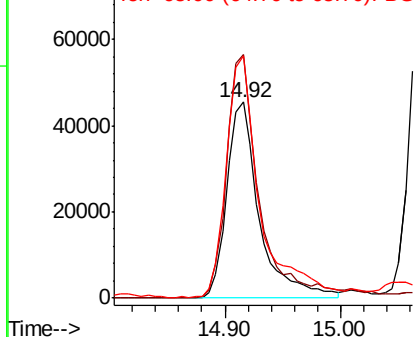
Tgt Ion	Ratio	Lower	Upper
139	100		
109	124.4	99.9	139.9
65	124.1	100.6	140.6

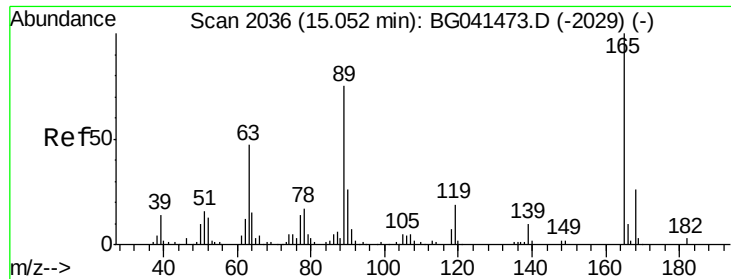
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





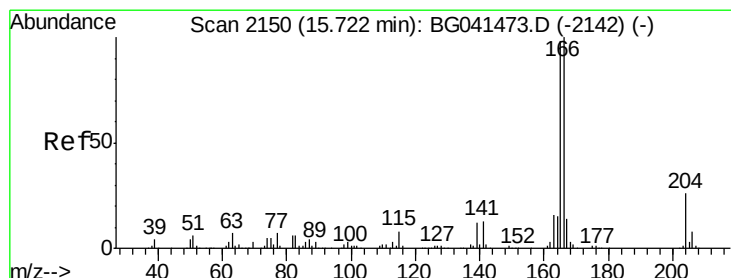
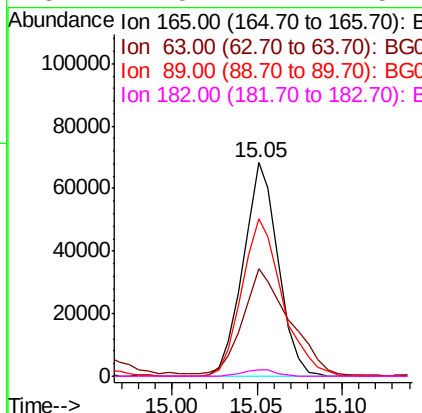
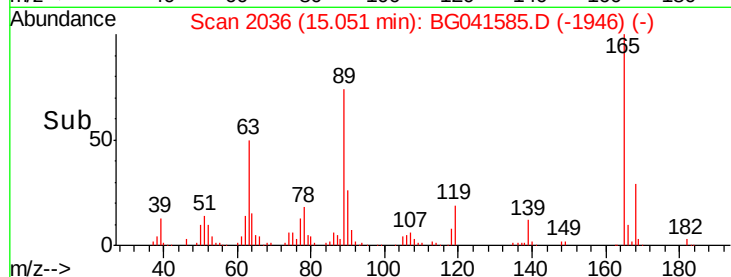
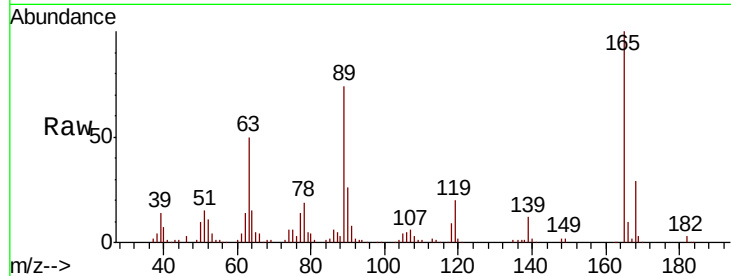
#57
2,4-Dinitrotoluene
Concen: 48.690 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		97764		
63	50.4	38.8	58.2		
89	73.9	60.1	90.1		
182	2.8	2.2	3.2		

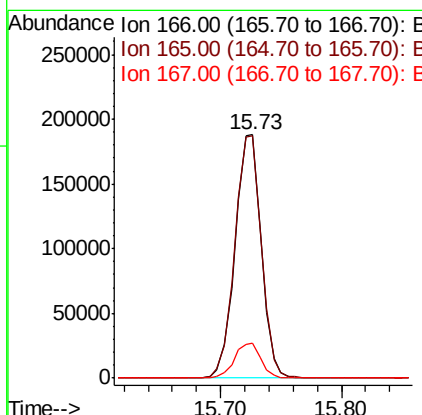
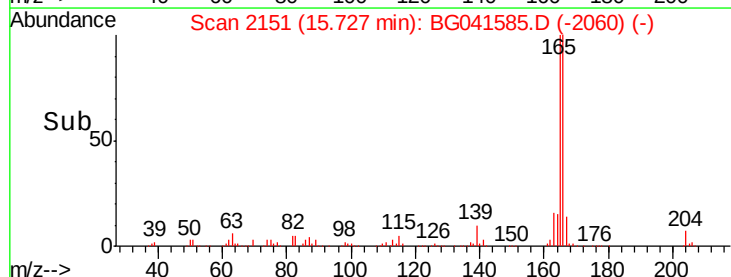
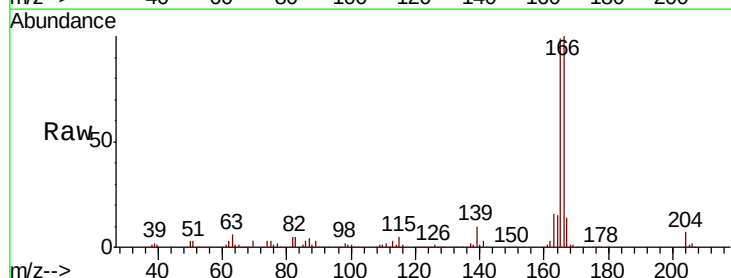
Manual Integrations
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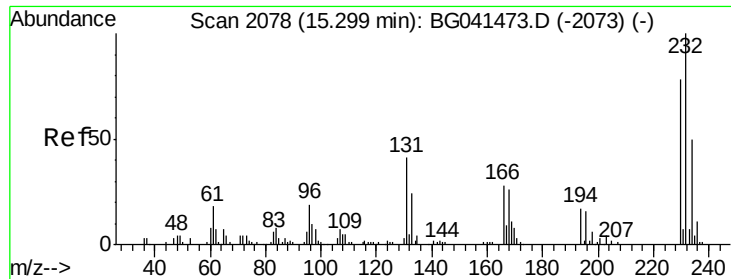
mohammad
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#58
Fluorene
Concen: 47.724 ng
RT: 15.73 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		284552		
165	99.4	78.6	117.8		
167	14.2	11.4	17.0		





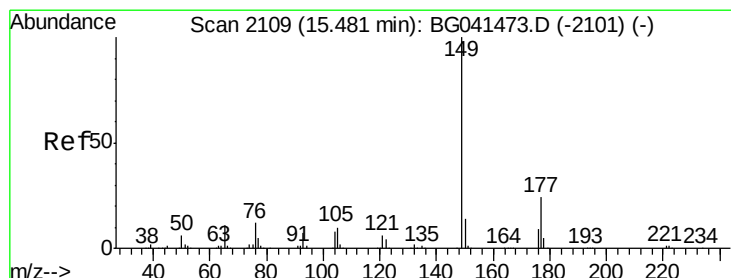
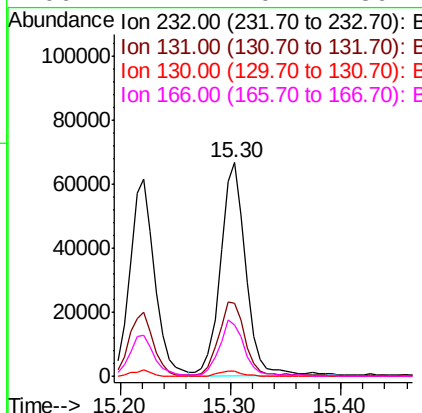
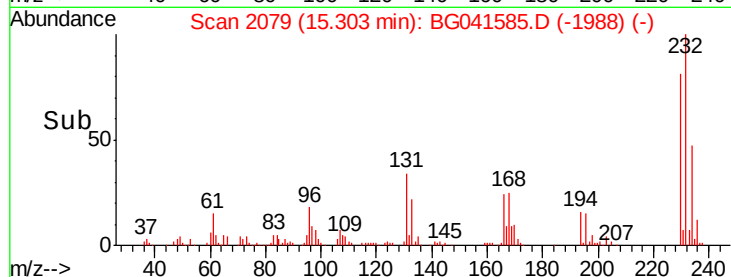
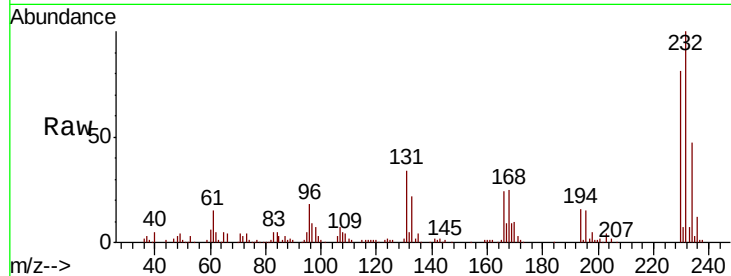
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.878 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Instrument :
 BNA_G
 ClientSampleId :
 PB121109BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	105949		
131	34.9		29.8	44.6
130	2.3		2.0	3.0
166	24.7		20.2	30.2

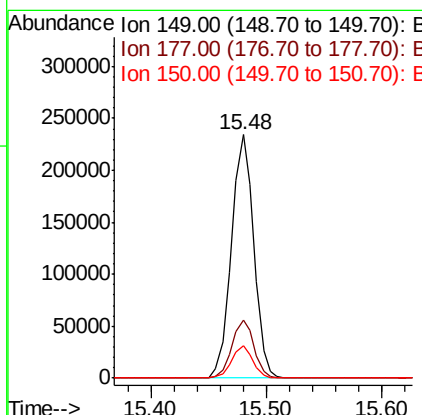
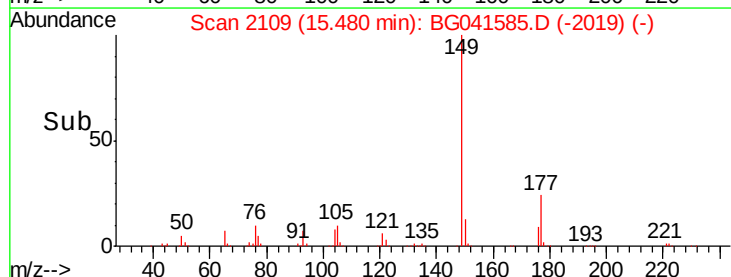
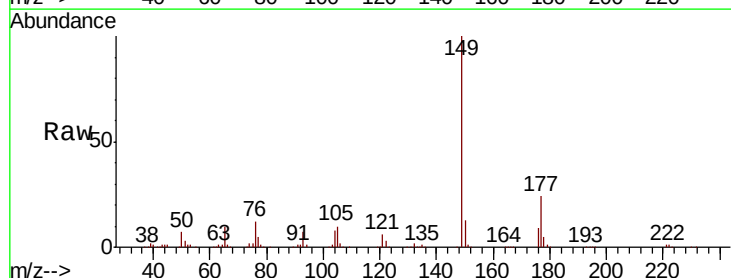
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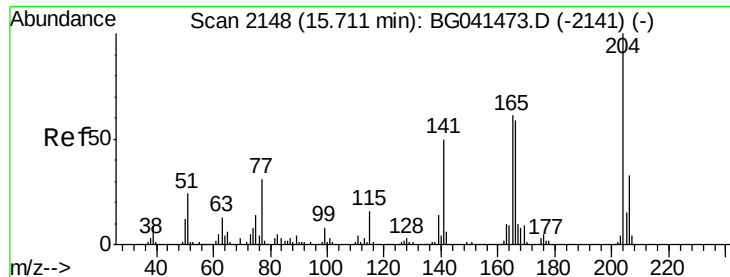
mohammad
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#60
 Diethylphthalate
 Concen: 46.810 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	312498		
177	23.6		19.2	28.8
150	13.2		11.2	16.8





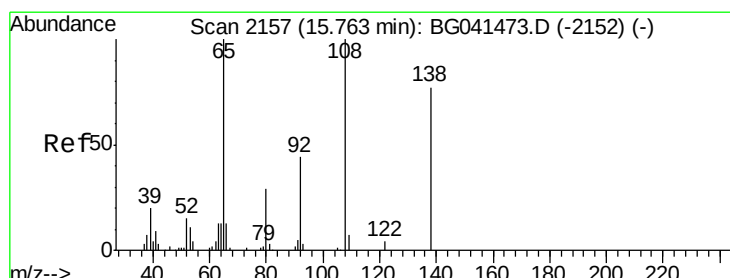
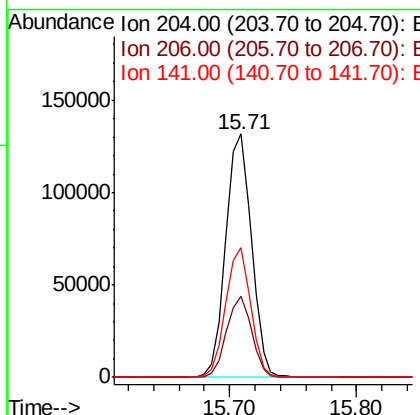
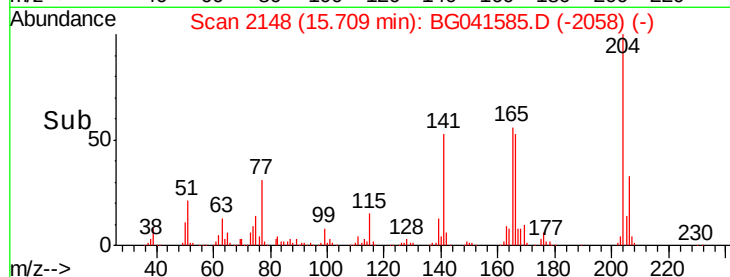
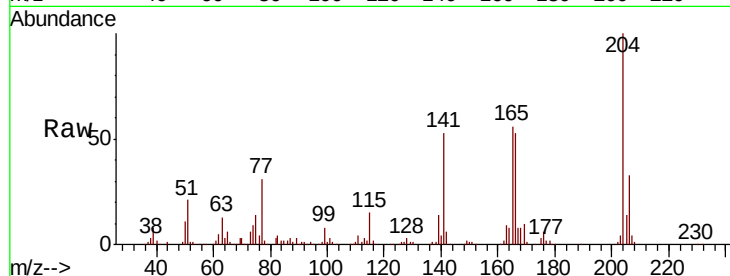
#61
4-Chlorophenyl-phenylether
Concen: 47.964 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	40.0
141	53.1	40.1	60.1

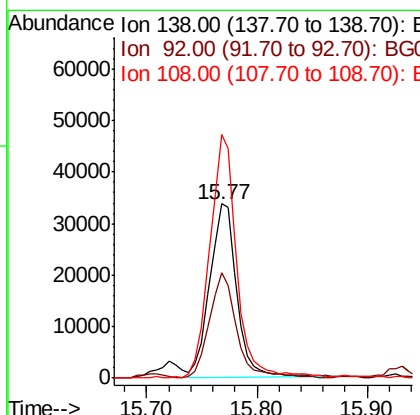
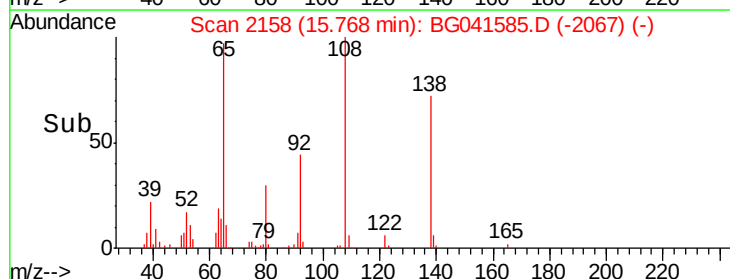
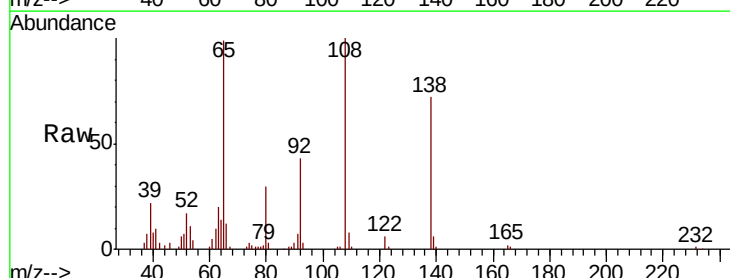
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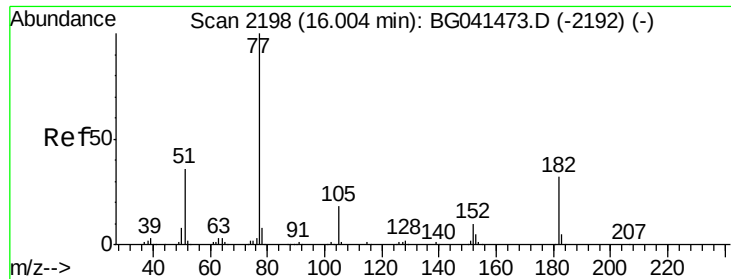
mohammad
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#62
4-Nitroaniline
Concen: 43.909 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.3	34.9	74.9
108	139.7	105.5	145.5





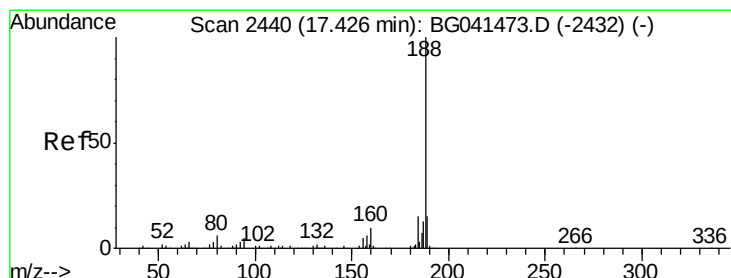
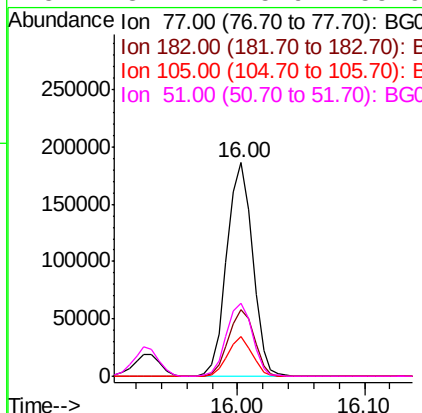
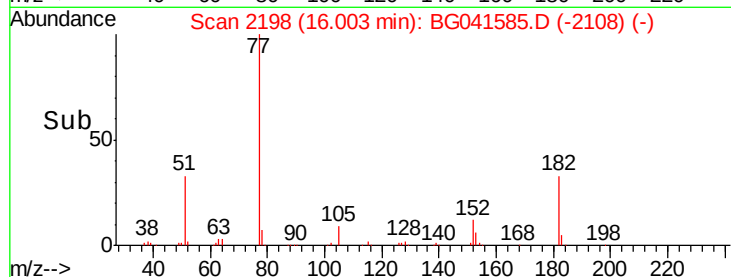
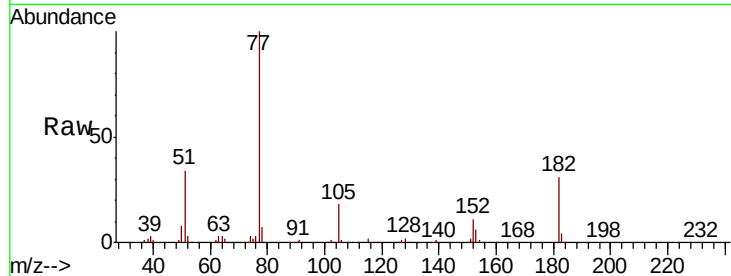
#63
Azobenzene
Concen: 46.564 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.9	12.2	52.2	
105	18.3	0.0	38.1	
51	34.4	15.9	55.9	

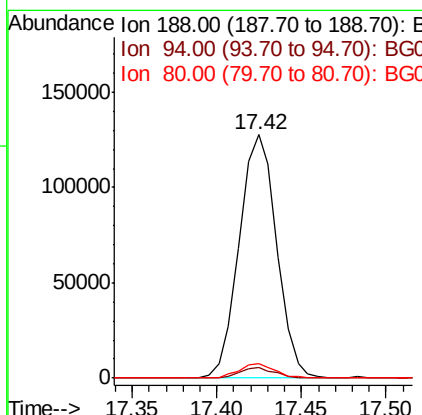
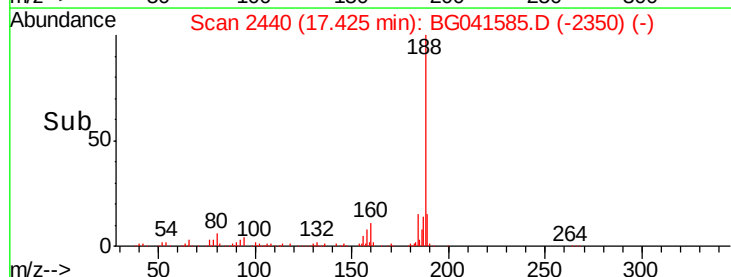
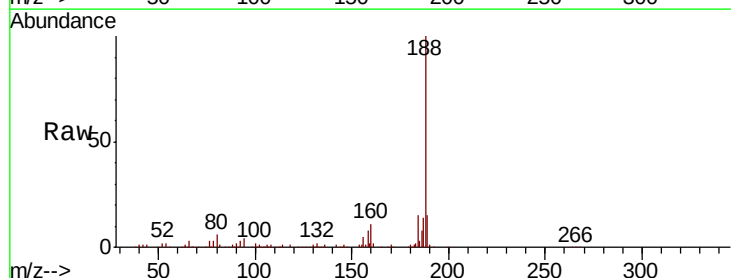
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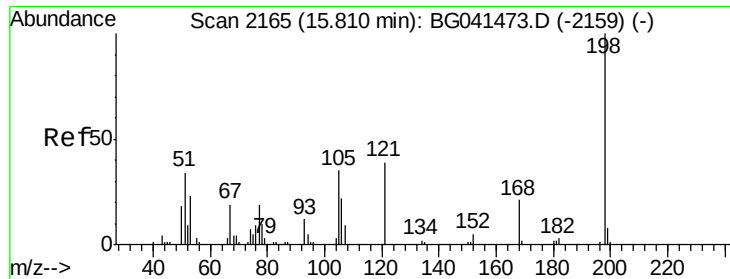
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	4.3	3.8	5.8	
80	6.0	4.8	7.2	





#65

4,6-Dinitro-2-methylphenol

Concen: 37.384 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

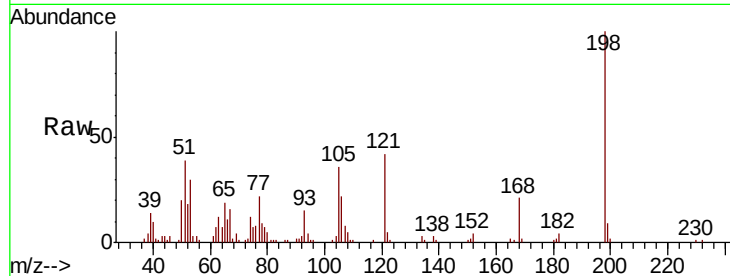
ClientSampleId :

PB121109BS

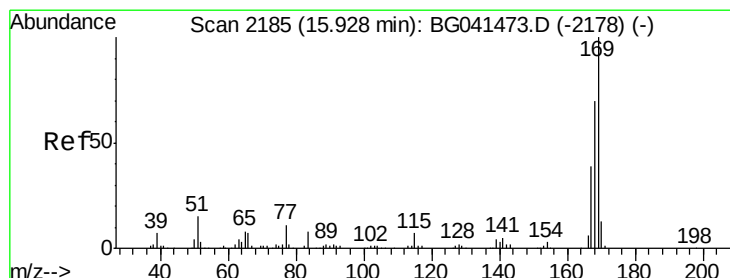
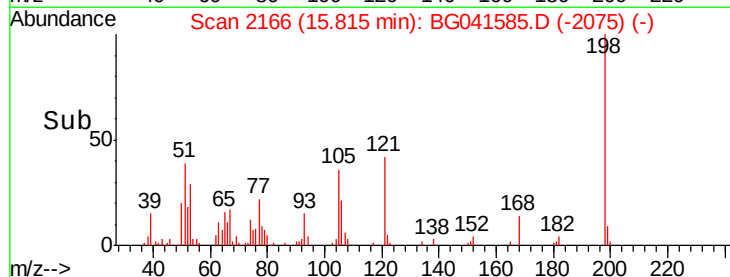
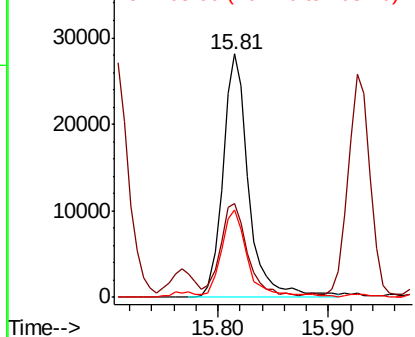
Tot Ion:	198	Resp:	45698
Ion Ratio	Lower	Upper	
198	100		
51	38.5	19.0	59.0
105	35.8	16.1	56.1

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



#66

n-Nitrosodiphenylamine

Concen: 47.394 ng

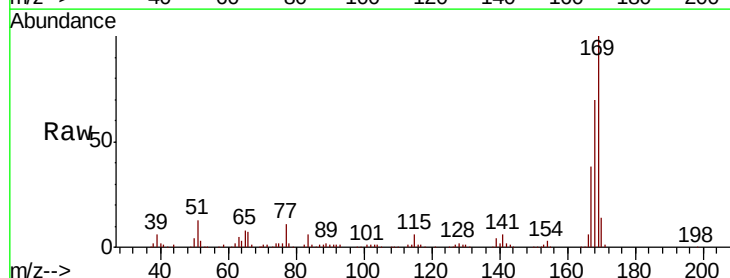
RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

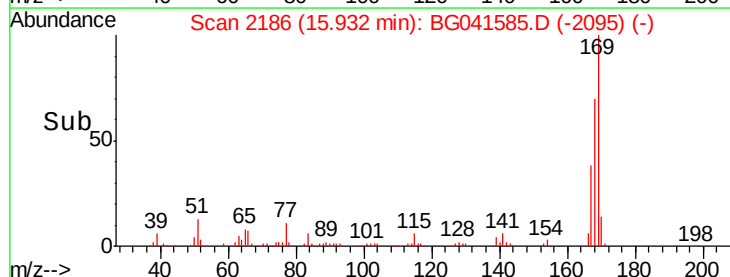
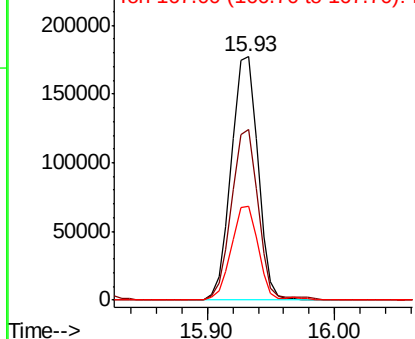
Lab File: BG041585.D

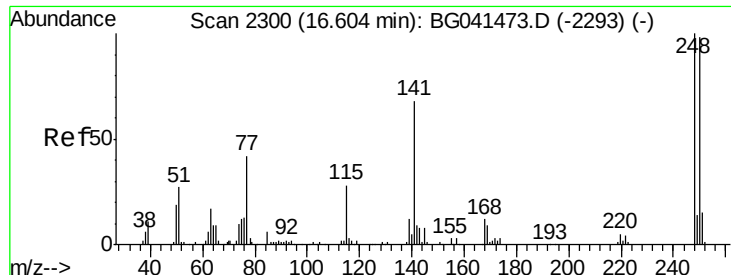
Acq: 3 Jul 2019 11:23

Tgt Ion:	169	Resp:	257449
Ion Ratio	Lower	Upper	
169	100		
168	70.0	56.2	84.4
167	38.3	31.0	46.6



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





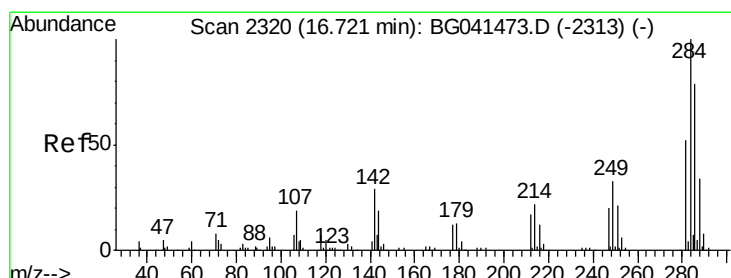
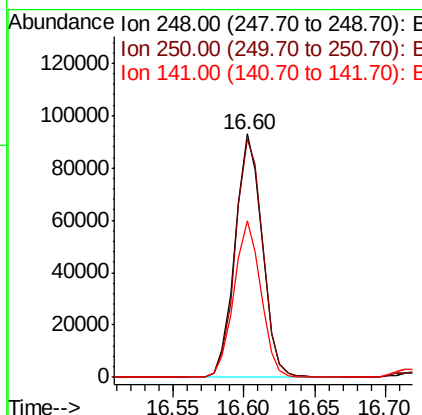
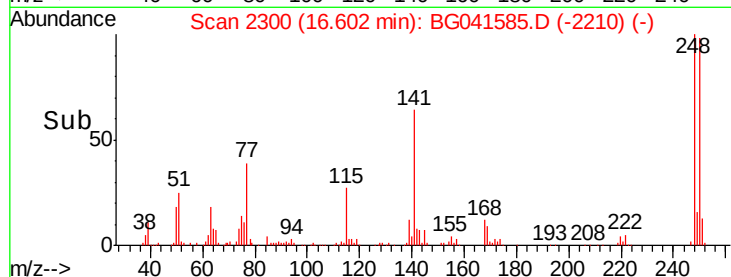
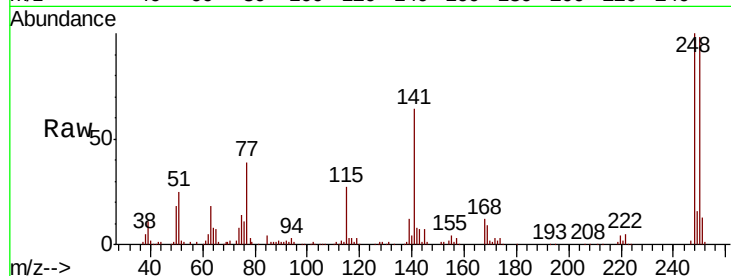
#67
 4-Bromophenyl-phenylether
 Concen: 46.238 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Instrument :
 BNA_G
 ClientSampleId :
 PB121109BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.1	117.1
141	64.2	54.1	81.1

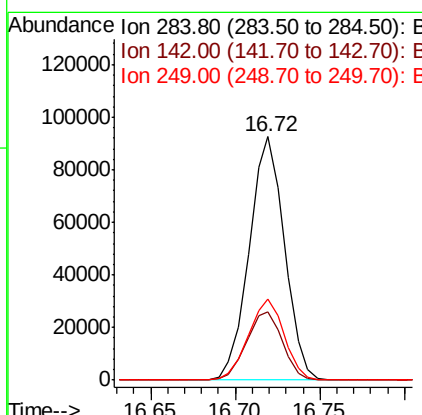
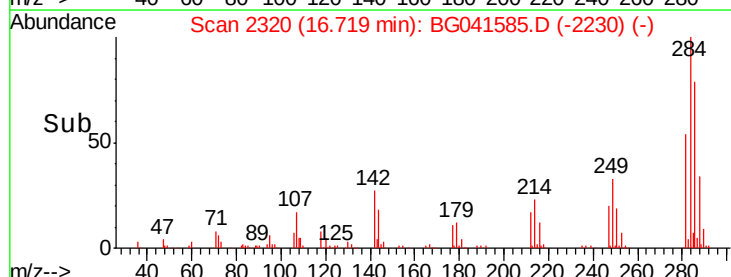
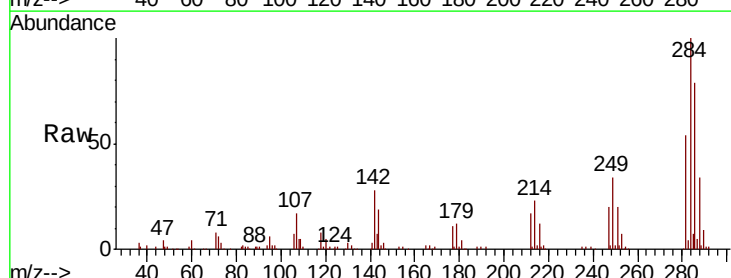
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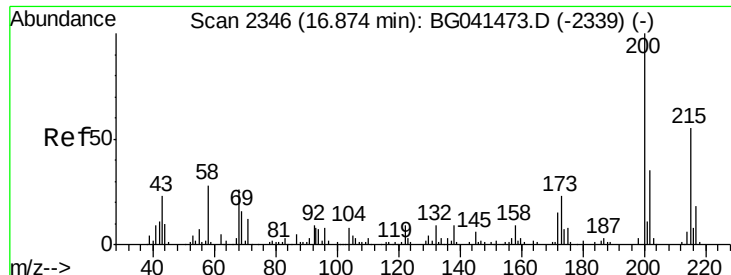
mohammad
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#68
 Hexachlorobenzene
 Concen: 46.340 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.0	22.9	34.3
249	33.6	26.1	39.1





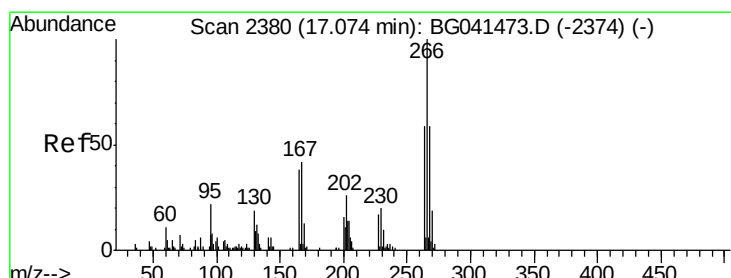
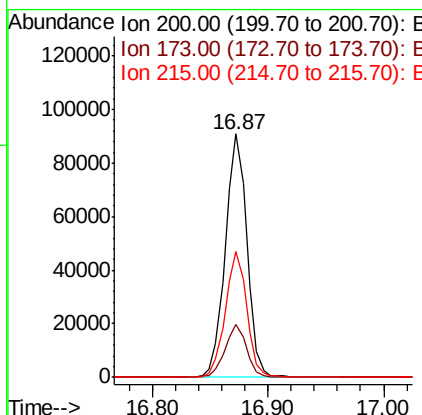
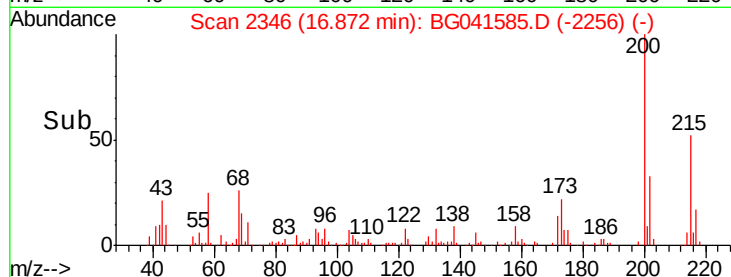
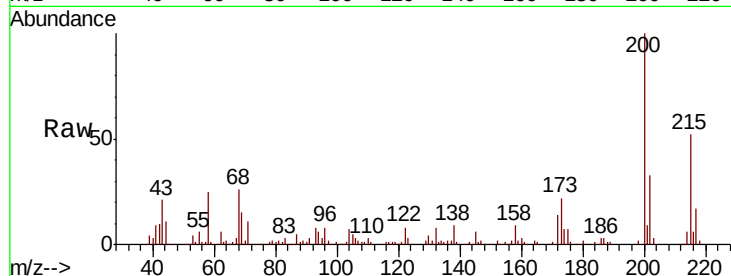
#69
Atrazine
Concen: 51.362 ng
RT: 16.87 min Scan# 2346
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	21.5	3.1	43.1
215	51.6	34.7	74.7

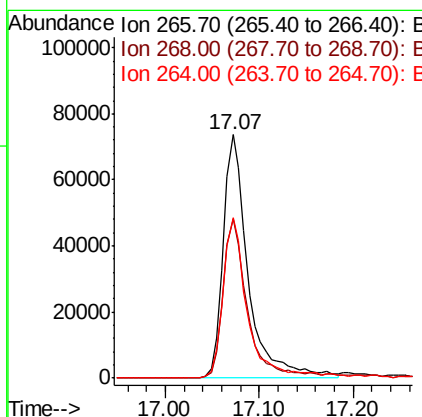
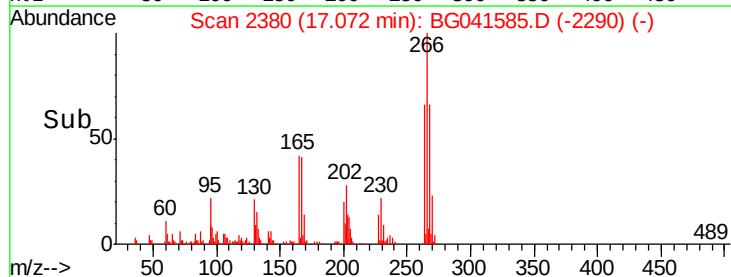
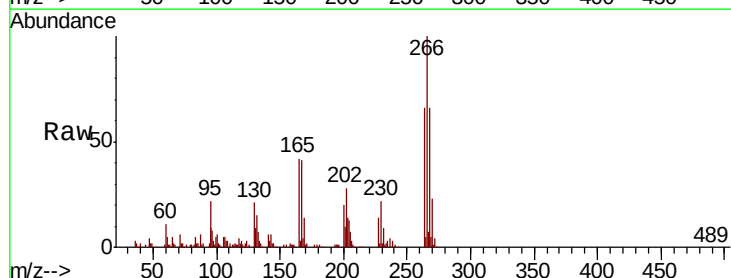
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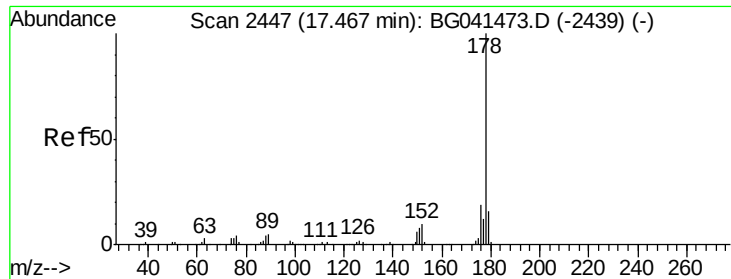
mohammad
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#70
Pentachlorophenol
Concen: 103.956 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	47.0	70.4
264	66.0	47.4	71.0





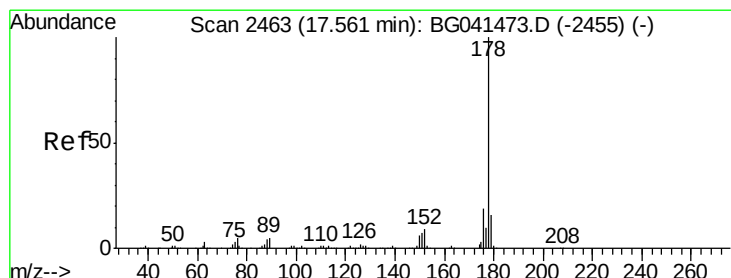
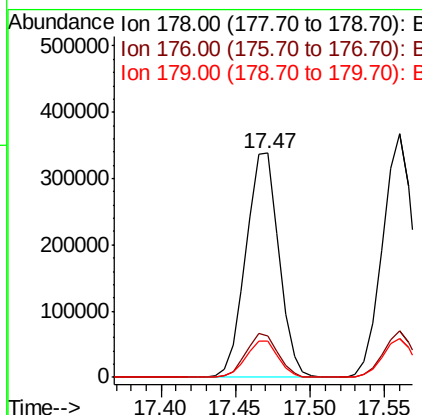
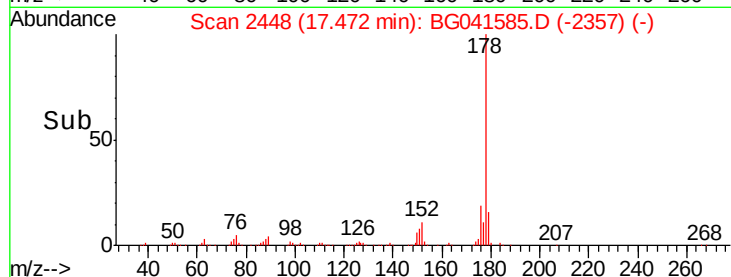
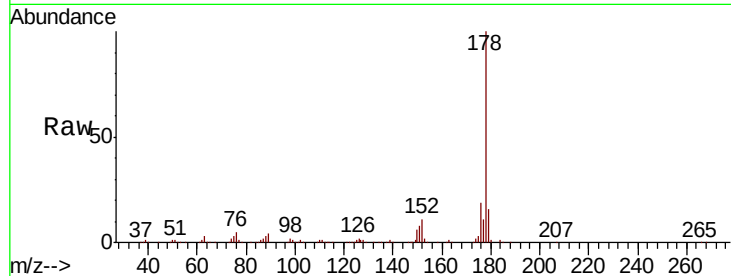
#71
Phenanthrene
Concen: 47.624 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.9	13.0	19.4

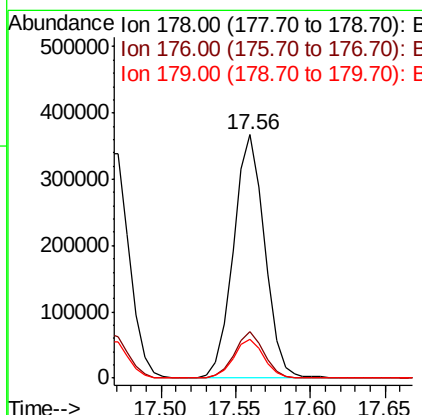
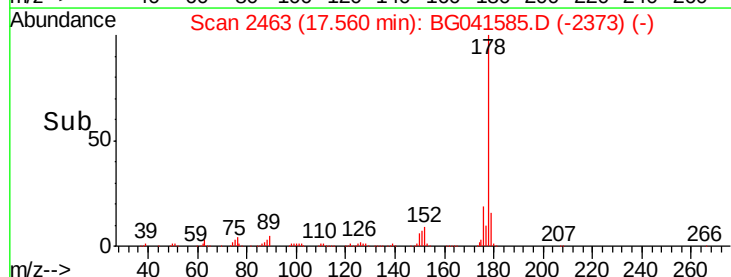
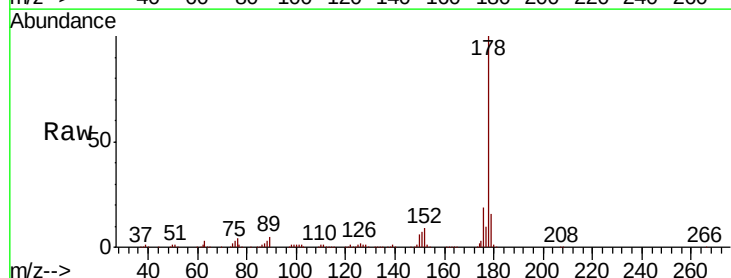
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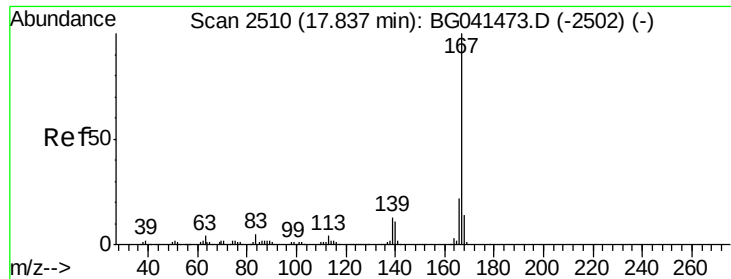
mohammad
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#72
Anthracene
Concen: 48.898 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.8	22.2
179	16.0	12.8	19.2





#73

Carbazole

Concen: 50.883 ng

RT: 17.84 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

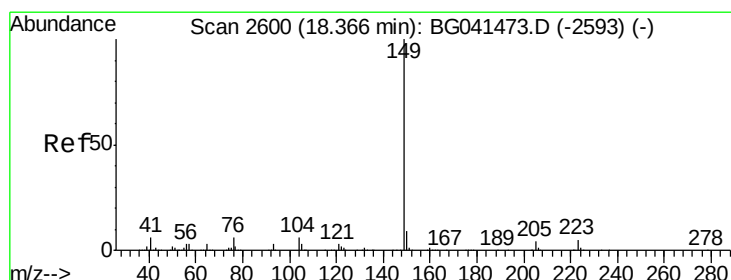
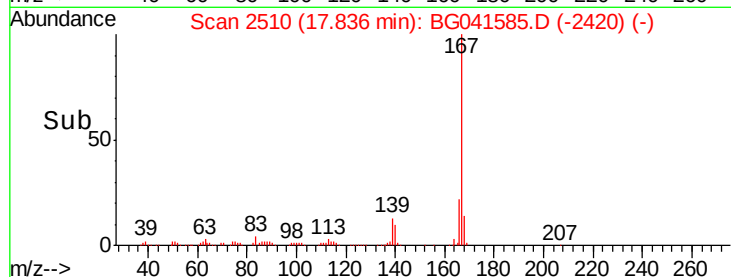
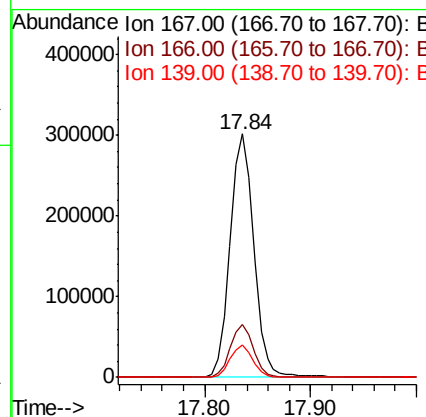
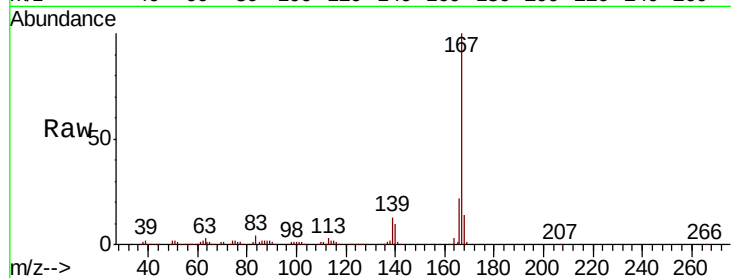
ClientSampleId :

PB121109BS

Tot Ion:	167	Resp:	470642
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.8	26.6
139	13.4	10.8	16.2

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#74

Di-n-butylphthalate

Concen: 48.631 ng

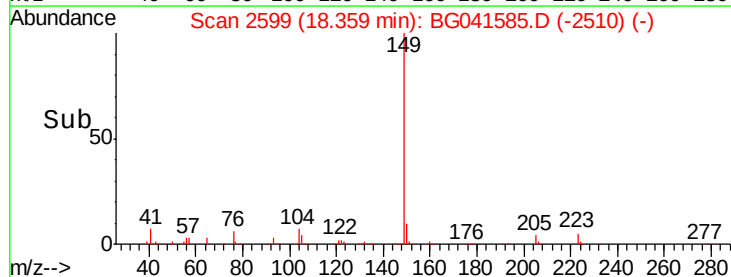
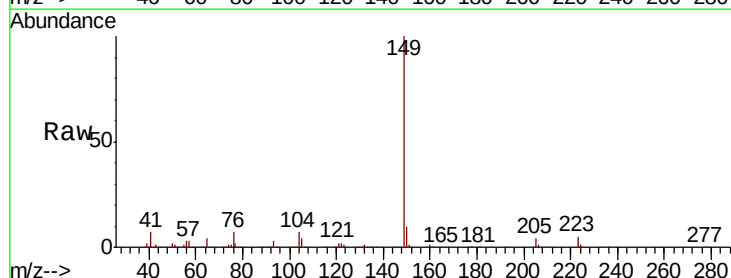
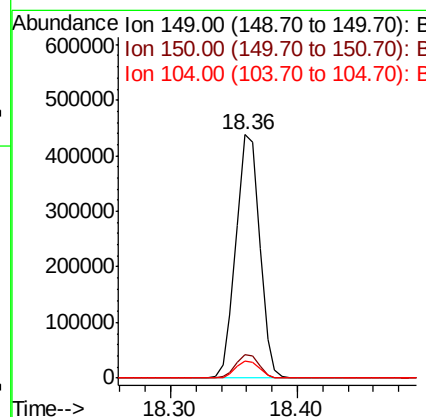
RT: 18.36 min Scan# 2599

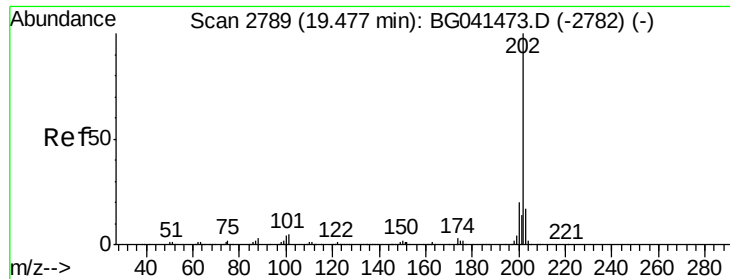
Delta R.T. -0.01 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Tgt Ion:	149	Resp:	565353
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.5	11.3
104	6.8	5.0	7.6





#75

Fluoranthene

Concen: 51.903 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

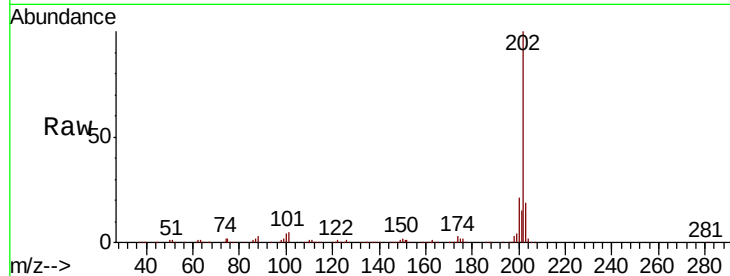
ClientSampleId :

PB121109BS

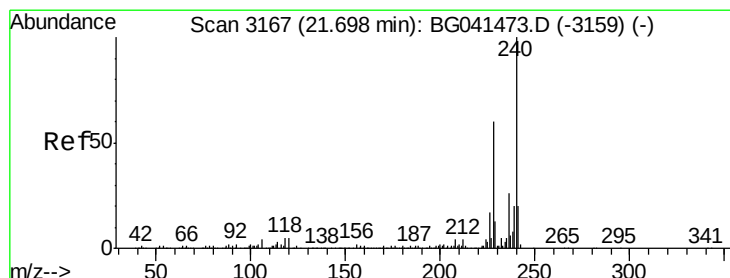
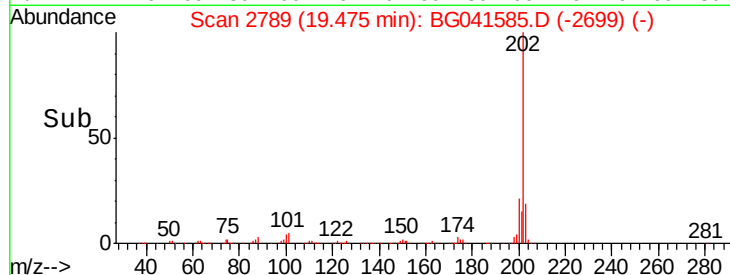
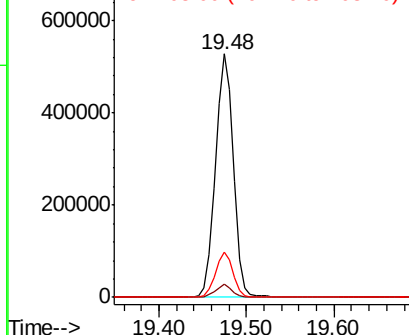
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		752501		
101	5.2	0.0	24.9		
203	18.6	0.0	37.5		

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



#76

Chrysene-d12

Concen: 20.000 ng

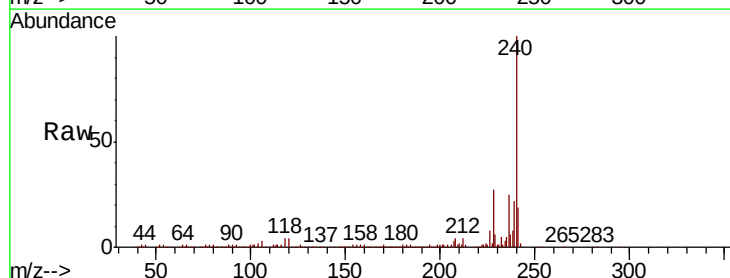
RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

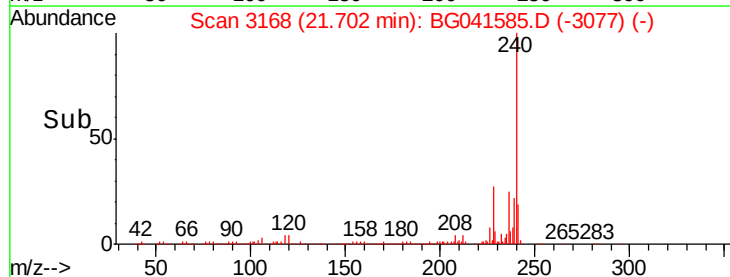
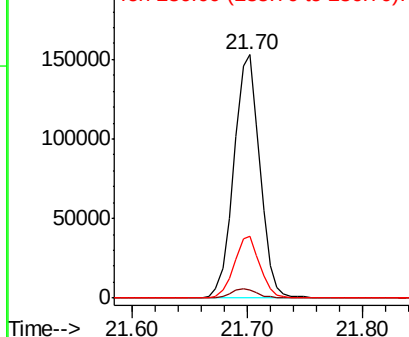
Lab File: BG041585.D

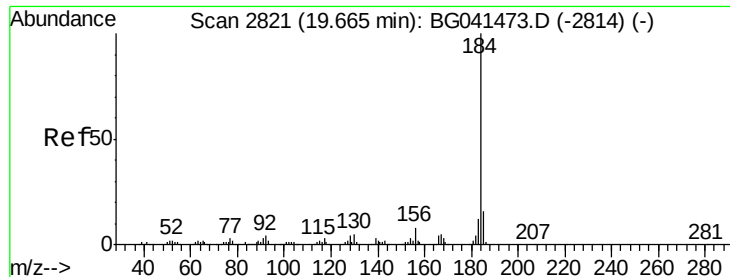
Acq: 3 Jul 2019 11:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		237886		
120	3.6	3.7	5.5#		
236	25.4	20.8	31.2		



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





#77

Benzidine

Concen: 29.717 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

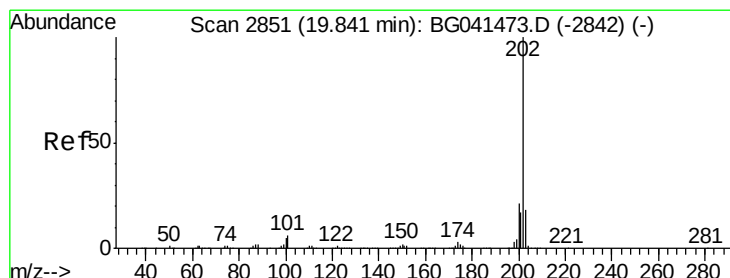
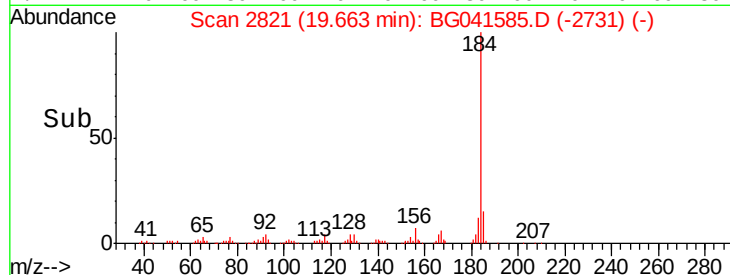
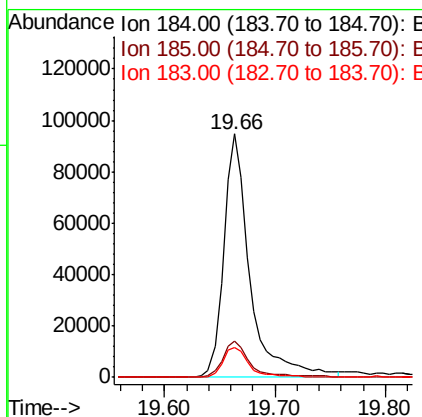
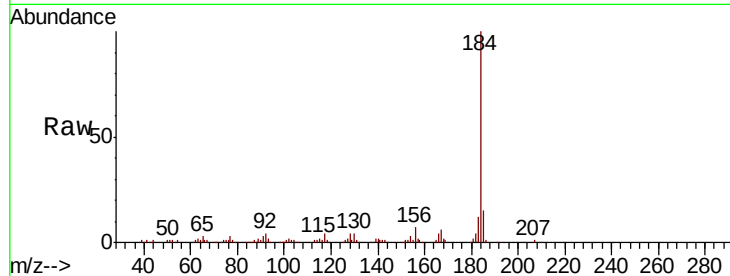
ClientSampleId :

PB121109BS

Tot Ion:	184	Resp:	156854
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.7	19.1
183	12.1	9.4	14.2

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#78

Pyrene

Concen: 46.525 ng

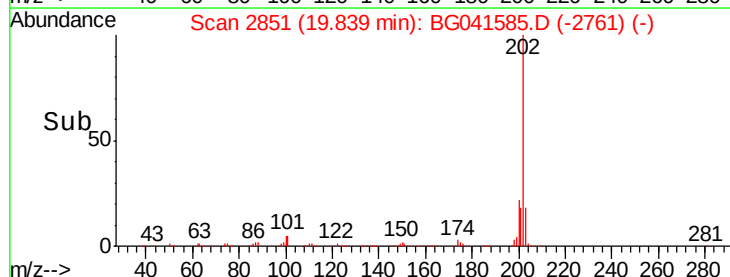
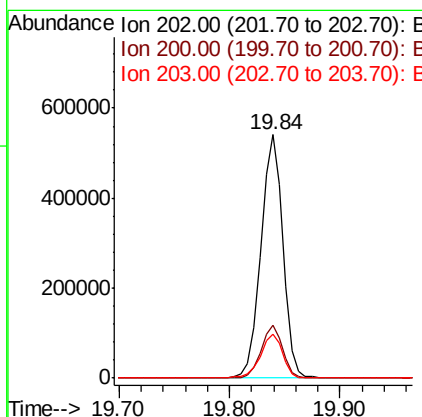
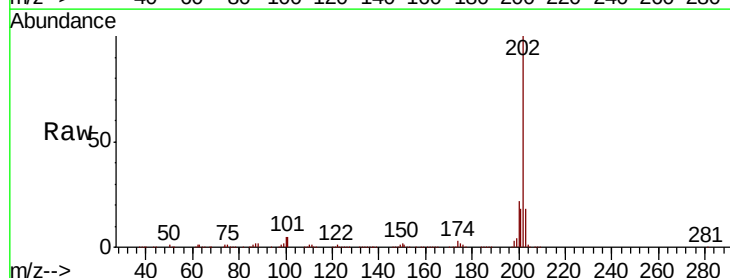
RT: 19.84 min Scan# 2851

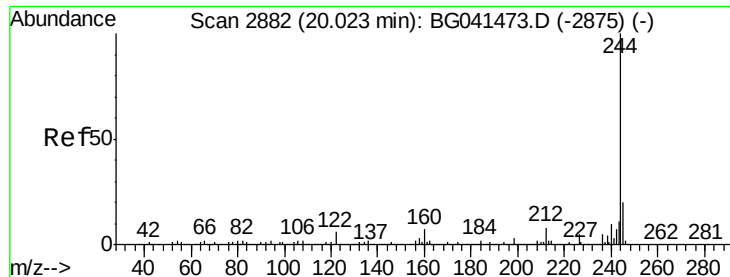
Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Tgt Ion:	202	Resp:	755558
Ion Ratio	Lower	Upper	
202	100		
200	21.9	16.8	25.2
203	18.0	14.2	21.4





#79

Terphenyl-d14

Concen: 103.245 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

ClientSampleId :

PB121109BS

Tot Ion:244 Resp: 1155750

Ion Ratio Lower Upper

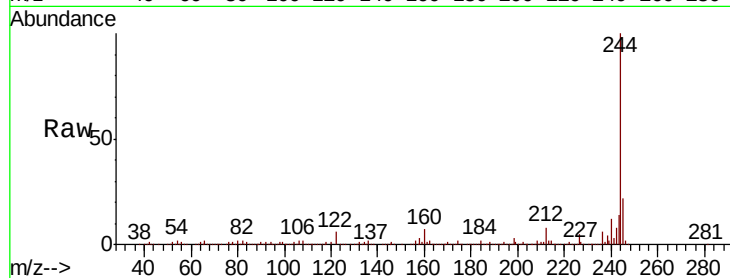
244 100

212 8.3 6.2 9.4

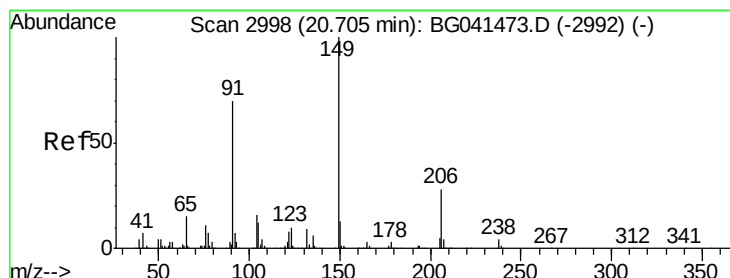
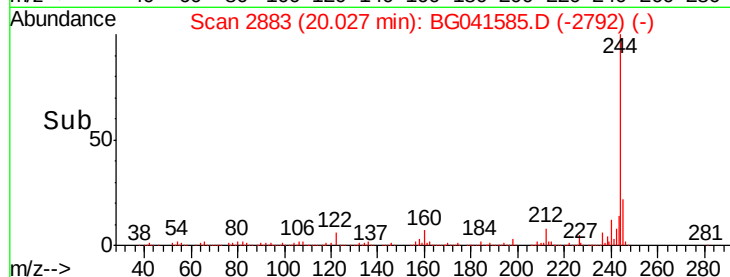
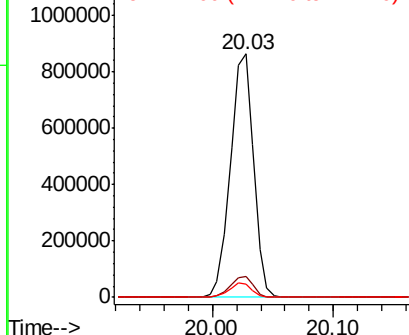
122 5.6 4.8 7.2

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



#80

Butylbenzylphthalate

Concen: 44.261 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

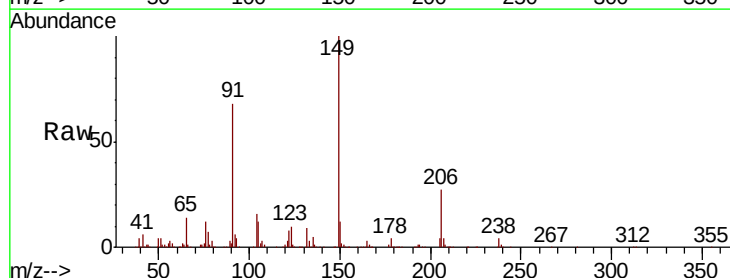
Tgt Ion:149 Resp: 268442

Ion Ratio Lower Upper

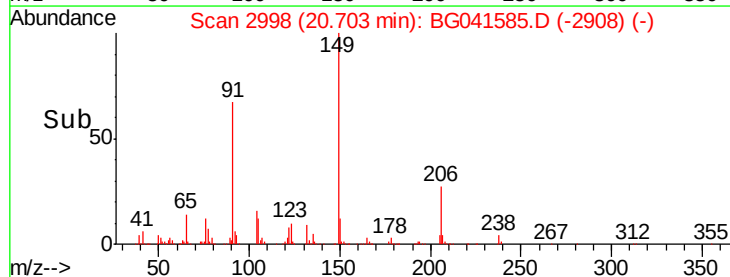
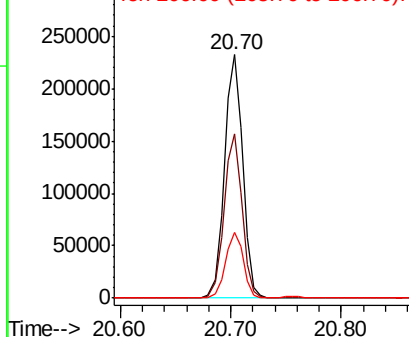
149 100

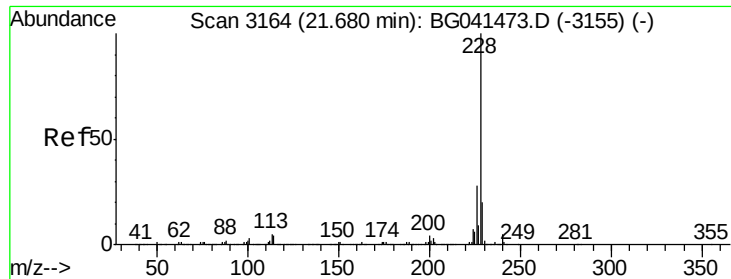
91 67.5 55.9 83.9

206 26.8 22.1 33.1



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





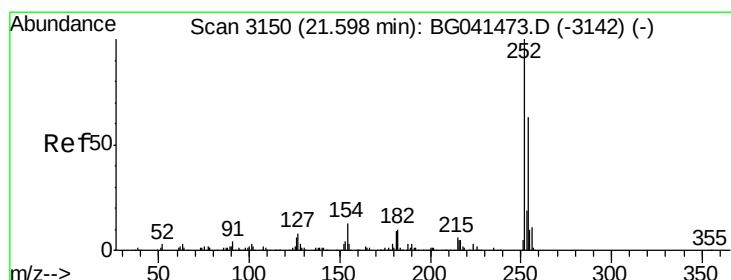
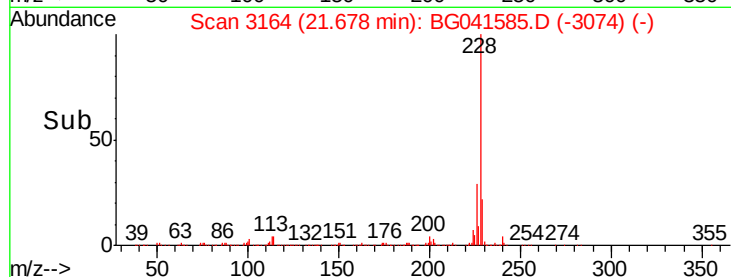
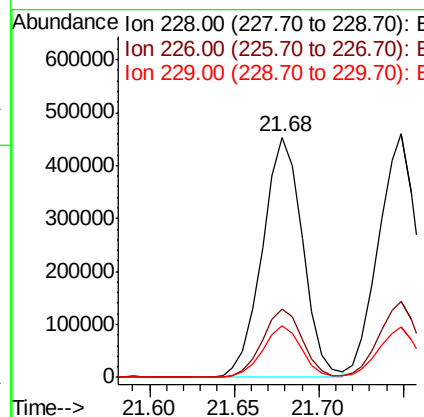
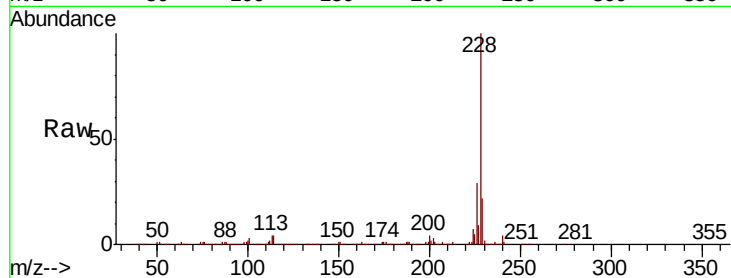
#81
Benzo(a)anthracene
Concen: 45.263 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	21.7	16.1	24.1

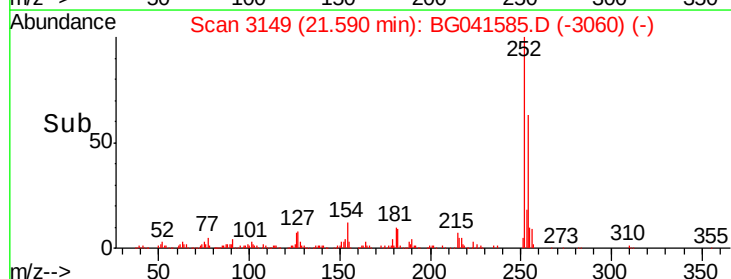
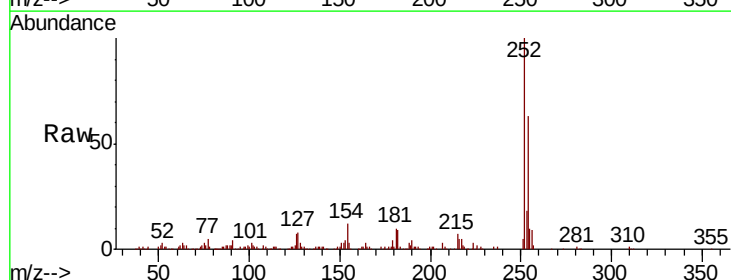
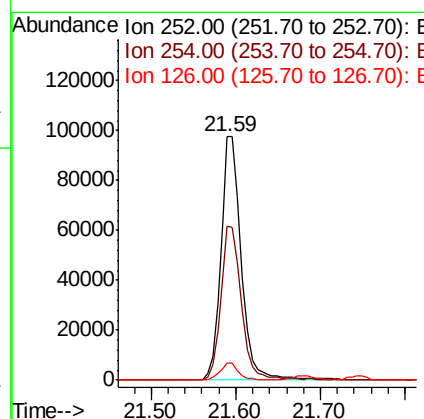
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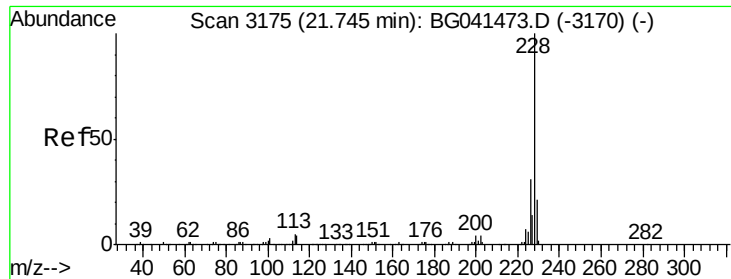
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 28.786 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.4	75.6
126	7.1	4.9	7.3





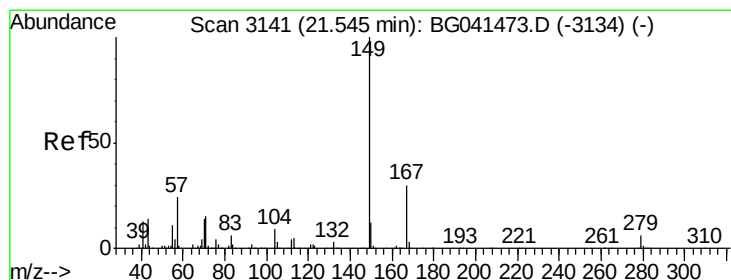
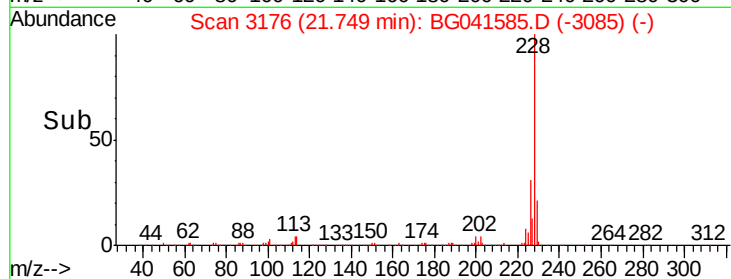
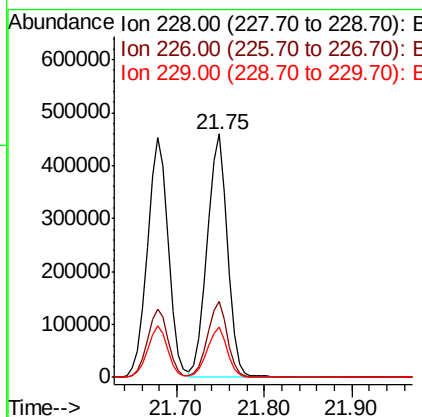
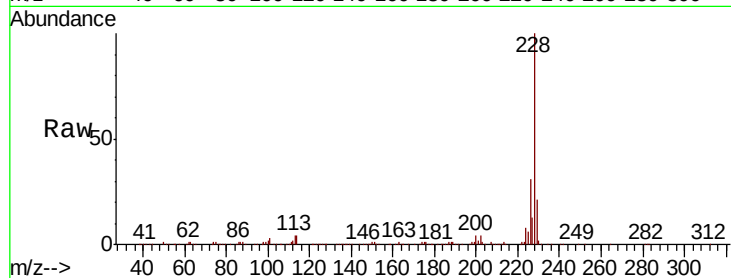
#83
 Chrysene
 Concen: 46.395 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. 0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Instrument :
 BNA_G
 ClientSampleId :
 PB121109BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.4
229	20.8	16.8	25.2

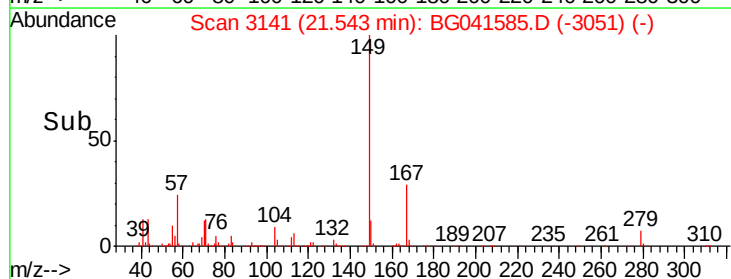
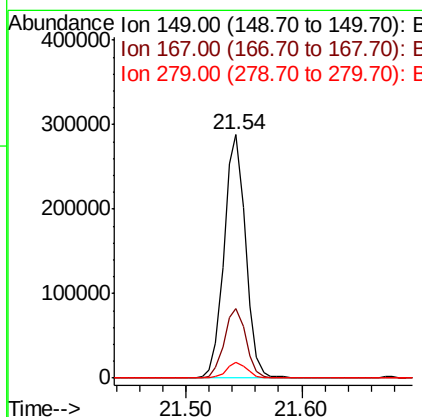
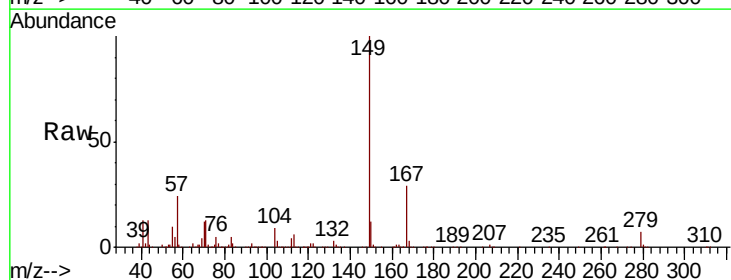
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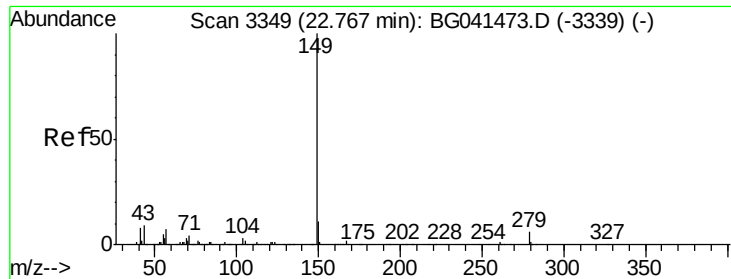
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.290 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.6	35.4
279	6.5	5.0	7.6





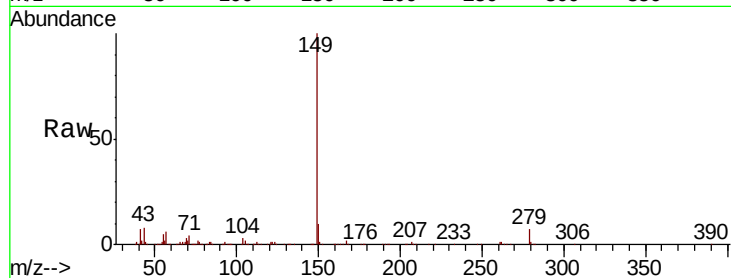
#85
Di-n-octyl phthalate
Concen: 43.847 ng
RT: 22.77 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	637990		
167	1.7		1.4	2.2
43	8.3		7.2	10.8

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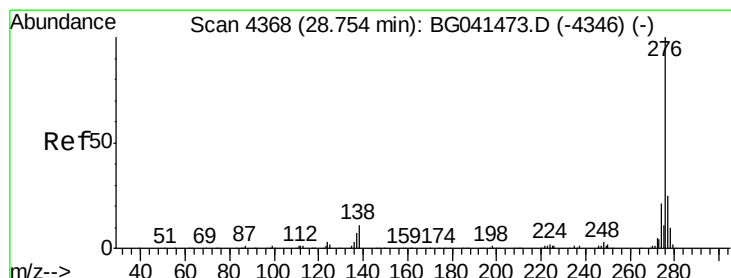
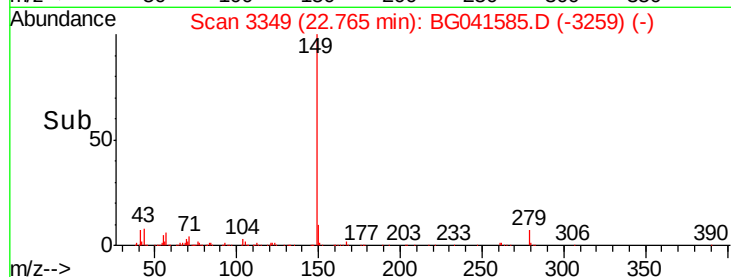
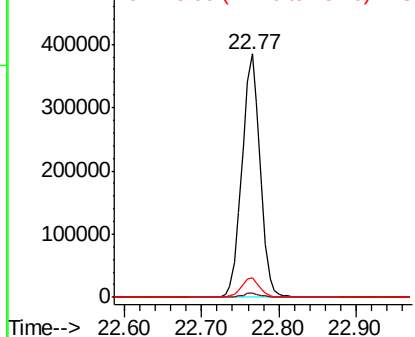


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.837 ng
RT: 28.77 min Scan# 4371
Delta R.T. 0.02 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

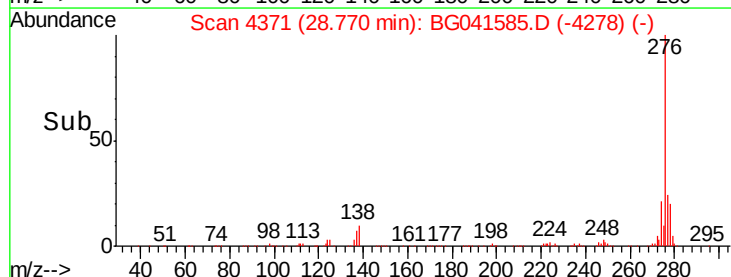
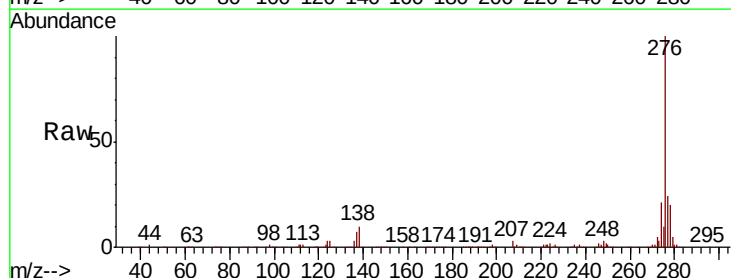
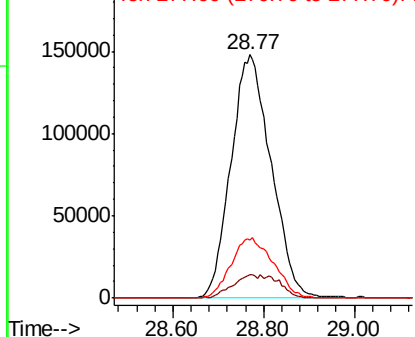
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	907928		
138	6.1		4.9	7.3
277	26.0		20.4	30.6

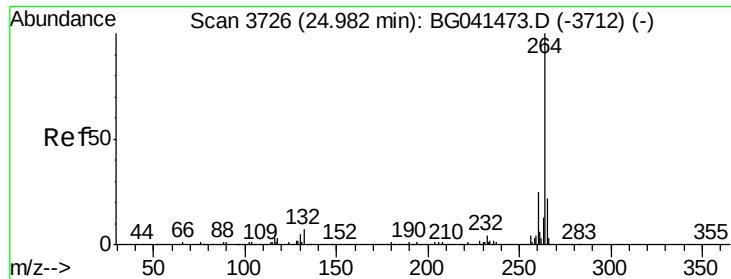
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





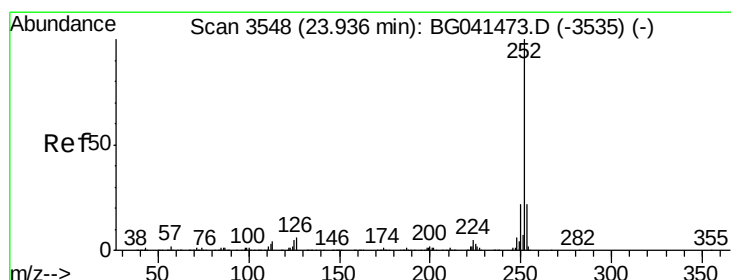
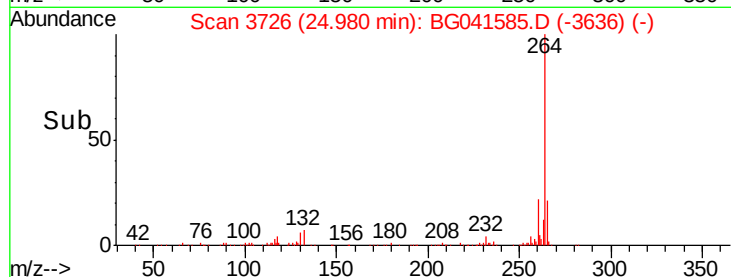
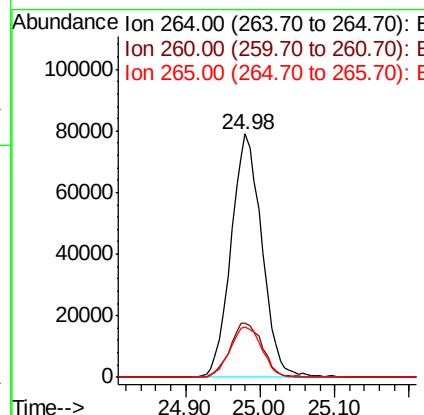
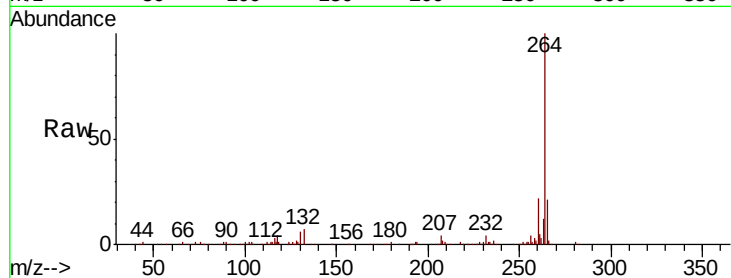
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.7	29.5
265	20.8	17.4	26.2

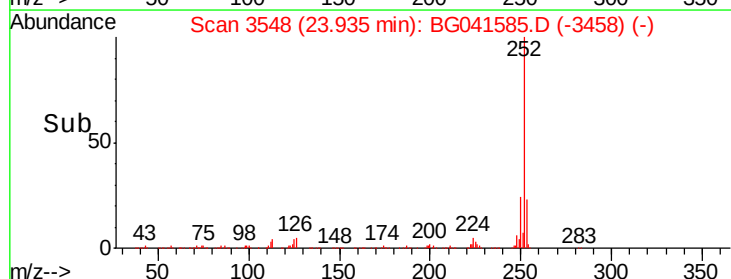
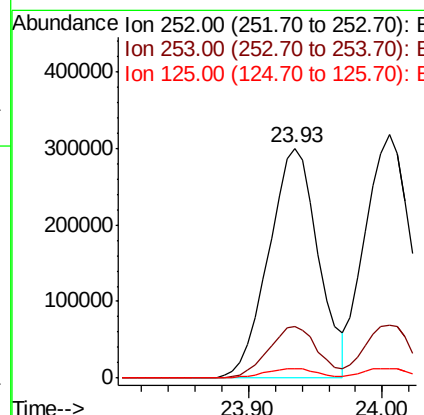
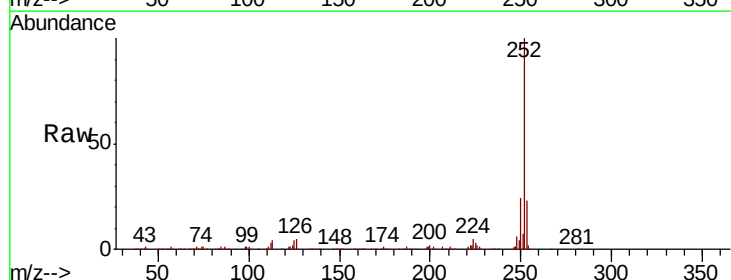
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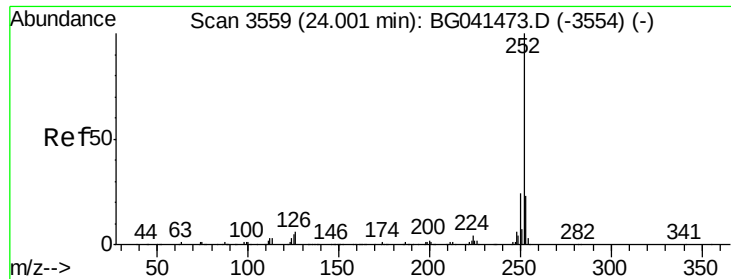
mohammad
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#88
Benzo(b)fluoranthene
Concen: 53.346 ng
RT: 23.93 min Scan# 3548
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	3.9	3.8	5.8





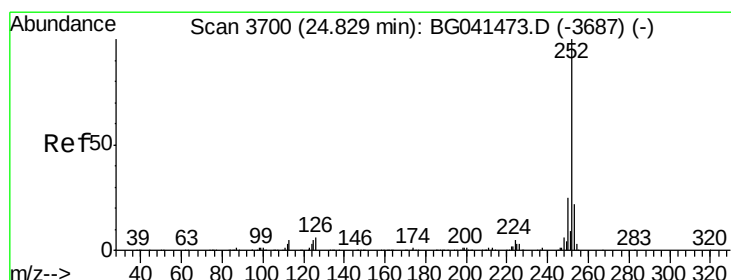
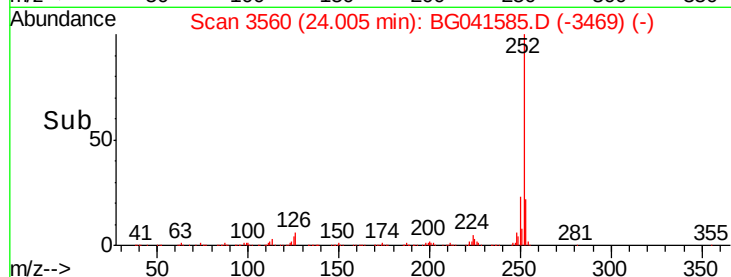
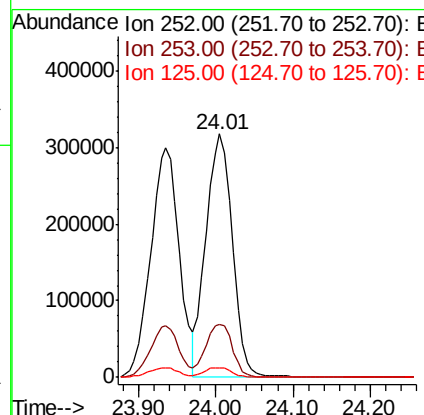
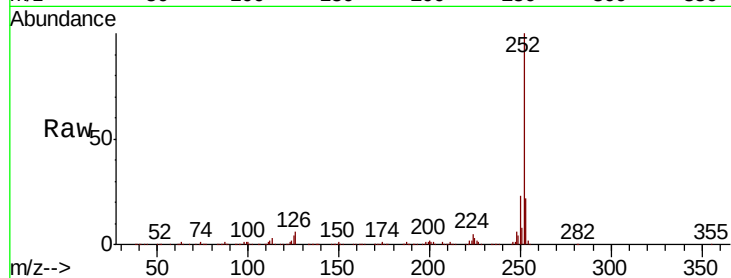
#89
Benzo(k)fluoranthene
Concen: 52.819 ng
RT: 24.01 min Scan# 3560
Delta R.T. 0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.3	27.5
125	3.9	4.0	6.0

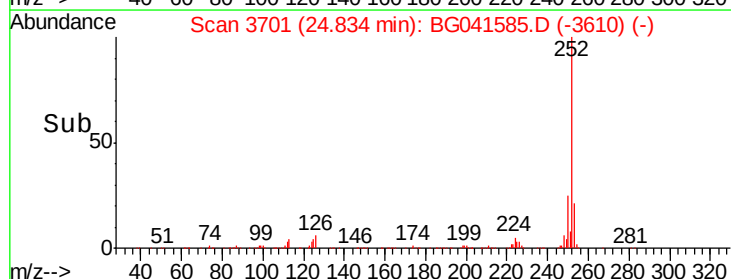
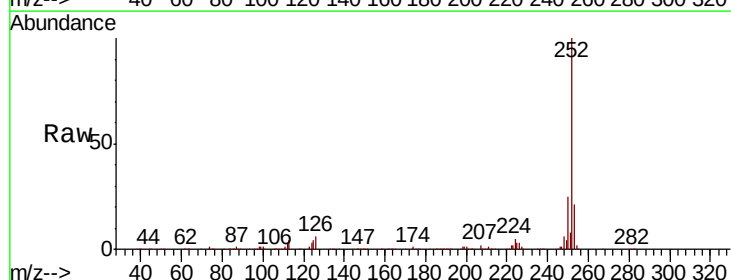
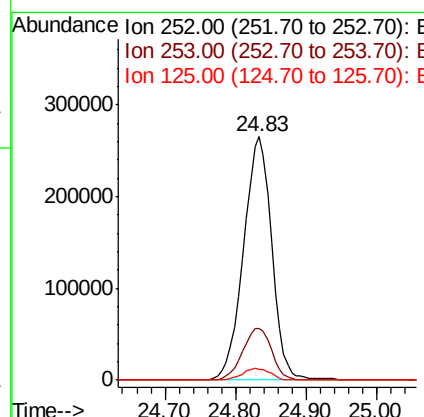
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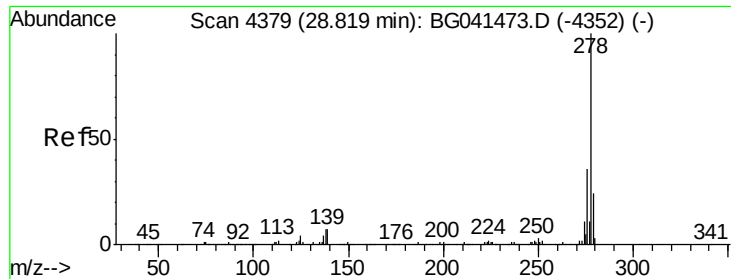
mohammad
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#90
Benzo(a)pyrene
Concen: 53.745 ng
RT: 24.83 min Scan# 3701
Delta R.T. 0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	4.5	4.4	6.6





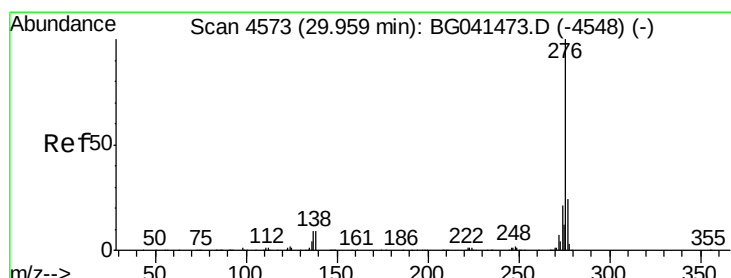
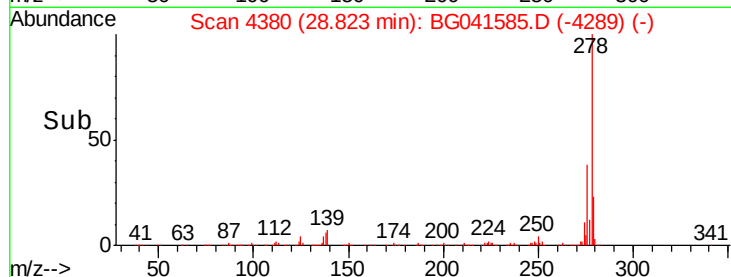
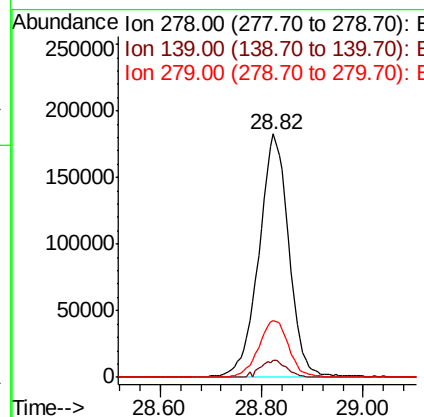
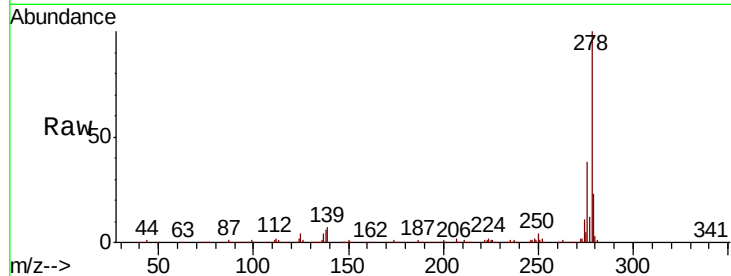
#91
Dibenzo(a,h)anthracene
Concen: 54.445 ng
RT: 28.82 min Scan# 4380
Delta R.T. 0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :
PB121109BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.2	5.9	8.9
279	23.4	18.9	28.3

Manual Integrations
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7/5/2019 8:42:48 AM



#92
Benzo(g,h,i)perylene
Concen: 55.186 ng
RT: 29.96 min Scan# 4573
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.2
138	8.4	7.6	11.4

