

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
 Data File : BG042969.D
 Acq On : 1 Oct 2019 16:26
 Operator : JU
 Sample : PB123514BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123514BS

Manual Integrations
 APPROVED

mohammad
 10/2/2019 4:00:23 PM

Quant Time: Oct 02 01:39:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	70284	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	275602	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	195553	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	473815	20.00	ng	0.00
76) Chrysene-d12	21.70	240	543040	20.00	ng	-0.01
87) Perylene-d12	24.93	264	554404	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	472165	119.89	ng	0.00
7) Phenol-d6	7.24	99	636153	112.17	ng	0.00
23) Nitrobenzene-d5	9.23	82	382176	67.40	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	375362	111.63	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	915680	67.88	ng	-0.01
79) Terphenyl-d14	20.04	244	1795950	70.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	59829	36.437	ng	96
3) Pyridine	3.95	79	143005	30.965	ng	98
4) n-Nitrosodimethylamine	3.86	42	96353	43.385	ng	93
6) Aniline	7.40	93	224229	32.753	ng	98
8) 2-Chlorophenol	7.64	128	196823	47.922	ng	99
9) Benzaldehyde	7.21	77	103200	29.778	ng	92
10) Phenol	7.27	94	246840	47.439	ng	99
11) bis(2-Chloroethyl)ether	7.49	93	172826	42.928	ng	96
12) 1,3-Dichlorobenzene	7.96	146	211125	40.296	ng	94
13) 1,4-Dichlorobenzene	8.11	146	216900	41.527	ng	98
14) 1,2-Dichlorobenzene	8.43	146	204489	41.123	ng	96
15) Benzyl Alcohol	8.31	79	190125	44.589	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	283872	36.715	ng	100
17) 2-Methylphenol	8.52	107	167006	45.870	ng	97
18) Hexachloroethane	9.15	117	79866	40.601	ng	99
19) n-Nitroso-di-n-propylamine	8.87	70	151480	40.677	ng	97
20) 3+4-Methylphenols	8.84	107	230357	46.169	ng	98
22) Acetophenone	8.89	105	286514	40.331	ng	# 98
24) Nitrobenzene	9.27	77	234270	43.315	ng	99
25) Isophorone	9.79	82	417436	41.911	ng	98
26) 2-Nitrophenol	9.98	139	110974	48.199	ng	98
27) 2,4-Dimethylphenol	10.05	122	181062	51.208	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	234904	41.569	ng	100
29) 2,4-Dichlorophenol	10.52	162	206423	46.941	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	232141	40.878	ng	97
31) Naphthalene	10.92	128	582738	42.953	ng	99
32) Benzoic acid	10.19	122	116804	43.346	ng	94
33) 4-Chloroaniline	11.03	127	147927	25.128	ng	96
34) Hexachlorobutadiene	11.21	225	169836	39.942	ng	96
35) Caprolactam	11.81	113	66150m	42.656	ng	
36) 4-Chloro-3-methylphenol	12.16	107	222031	46.437	ng	97
37) 2-Methylnaphthalene	12.53	142	441057	42.615	ng	97
38) 1-Methylnaphthalene	12.74	142	413476	42.220	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	288876	39.289	ng	98

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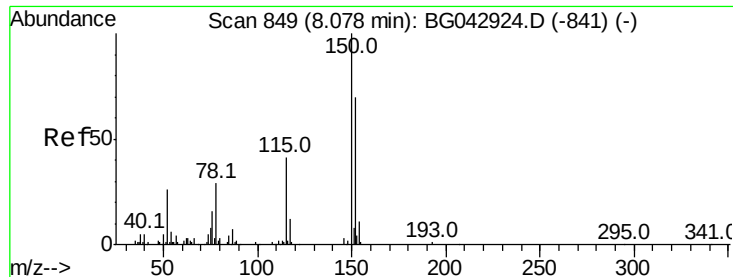
Manual Integrations
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 10/2/2019 4:00:23 PM

Quant Time: Oct 02 01:39:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	383444	81.849	ng	99
43) 2,4,6-Trichlorophenol	13.13	196	191183	44.425	ng	99
44) 2,4,5-Trichlorophenol	13.20	196	209263	47.203	ng	98
46) 1,1'-Biphenyl	13.53	154	595558	40.160	ng	98
47) 2-Chloronaphthalene	13.57	162	471093	42.370	ng	99
48) 2-Nitroaniline	13.77	65	155488	42.053	ng	97
49) Acenaphthylene	14.41	152	752141	44.210	ng	99
50) Dimethylphthalate	14.15	163	602967	41.152	ng	98
51) 2,6-Dinitrotoluene	14.26	165	140986	45.184	ng	97
52) Acenaphthene	14.75	154	450681	39.576	ng	99
53) 3-Nitroaniline	14.60	138	100888	31.287	ng	97
54) 2,4-Dinitrophenol	14.79	184	179979	92.797	ng	96
55) Dibenzofuran	15.09	168	726266	43.113	ng	100
56) 4-Nitrophenol	14.91	139	235732	95.945	ng	96
57) 2,4-Dinitrotoluene	15.05	165	200617	43.905	ng	98
58) Fluorene	15.73	166	609690	42.393	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	209421	44.366	ng	99
60) Diethylphthalate	15.51	149	608395	40.800	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	352410	40.857	ng	97
62) 4-Nitroaniline	15.76	138	152390	43.331	ng	94
63) Azobenzene	16.02	77	558824	41.163	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	129418	48.269	ng	94
66) n-Nitrosodiphenylamine	15.94	169	551479	44.090	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	251302	42.258	ng	96
68) Hexachlorobenzene	16.74	284	274281	41.423	ng	94
69) Atrazine	16.89	200	213955	40.621	ng	96
70) Pentachlorophenol	17.09	266	372271	97.435	ng	99
71) Phenanthrene	17.47	178	991620	42.868	ng	98
72) Anthracene	17.57	178	1007317	43.620	ng	99
73) Carbazole	17.83	167	962762	44.958	ng	100
74) Di-n-butylphthalate	18.39	149	1084851	42.460	ng	99
75) Fluoranthene	19.48	202	1356327	44.330	ng	99
77) Benzidine	19.66	184	401471	29.526	ng	100
78) Pyrene	19.84	202	1391504	42.932	ng	99
80) Butylbenzylphthalate	20.73	149	531957	43.239	ng	100
81) Benzo(a)anthracene	21.68	228	1431403	42.304	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	499556	37.643	ng	100
83) Chrysene	21.75	228	1388381	42.283	ng	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	754582	43.104	ng	98
85) Di-n-octyl phthalate	22.81	149	1267366	44.273	ng	98
86) Indeno(1,2,3-cd)pyrene	28.61	276	1795868	43.933	ng	99
88) Benzo(b)fluoranthene	23.91	252	1554841	49.565	ng	99
89) Benzo(k)fluoranthene	23.98	252	1475580	47.548	ng	99
90) Benzo(a)pyrene	24.78	252	1488972	50.310	ng	99
91) Dibenzo(a,h)anthracene	28.67	278	1521100	50.121	ng	100
92) Benzo(g,h,i)perylene	29.75	276	1504452	51.163	ng	98

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



#1

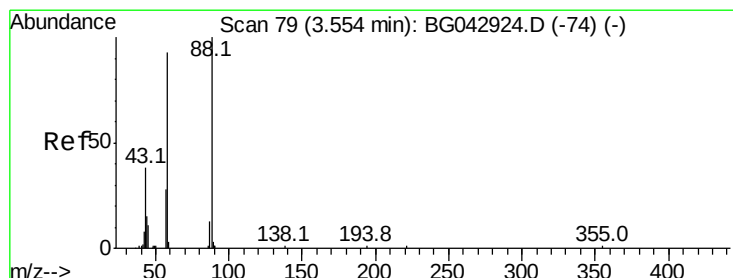
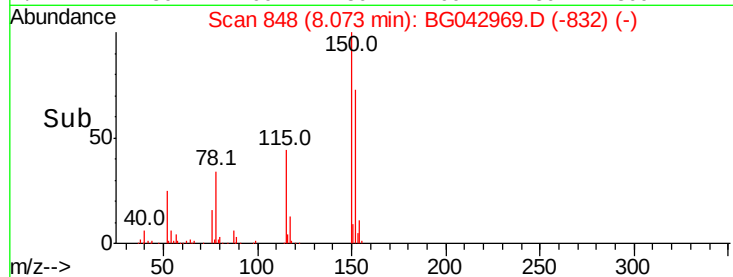
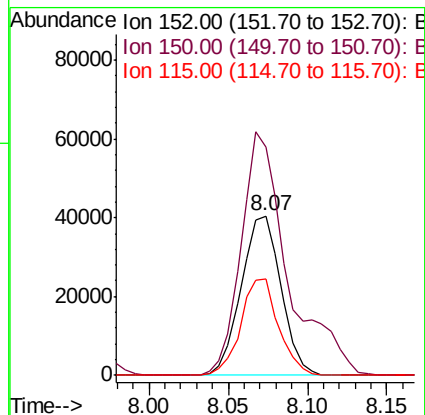
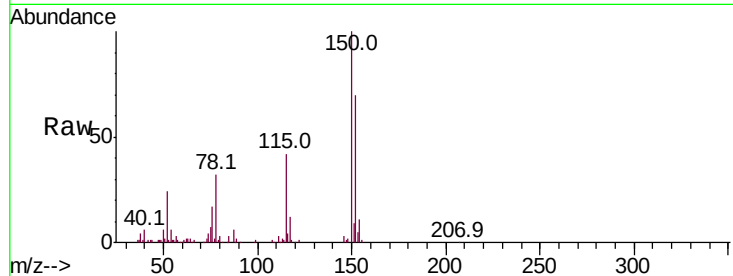
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Instrument :
BNA_G
ClientSampleId :
PB123514BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.5	115.0	172.4
115	60.5	47.0	70.6

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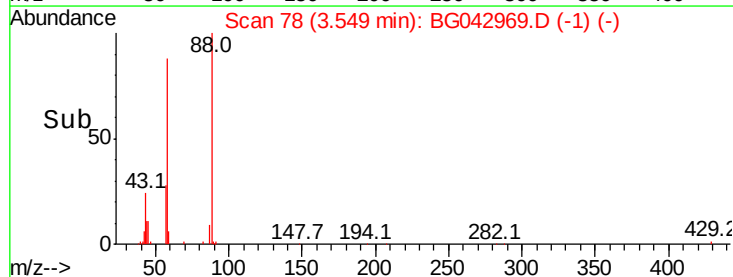
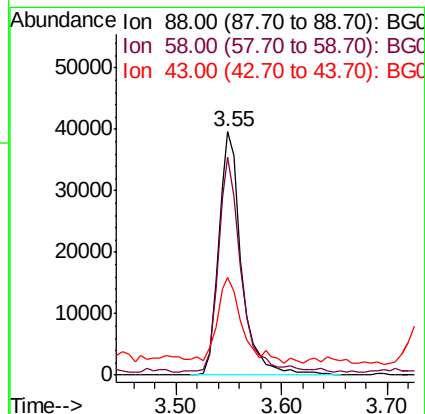
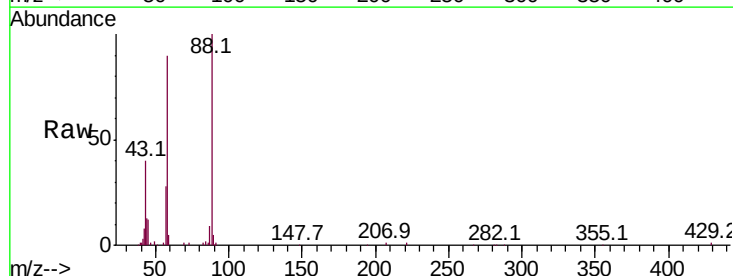
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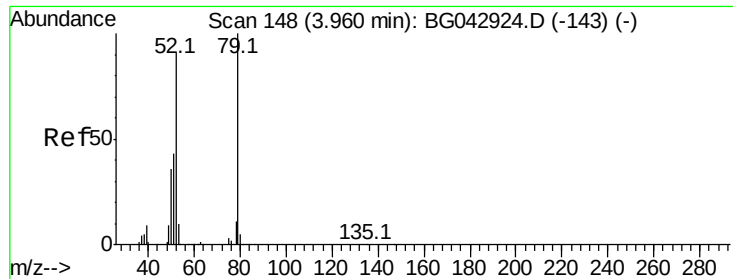


#2

1,4-Dioxane
Concen: 36.437 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.1	74.3	111.5
43	37.7	29.8	44.8





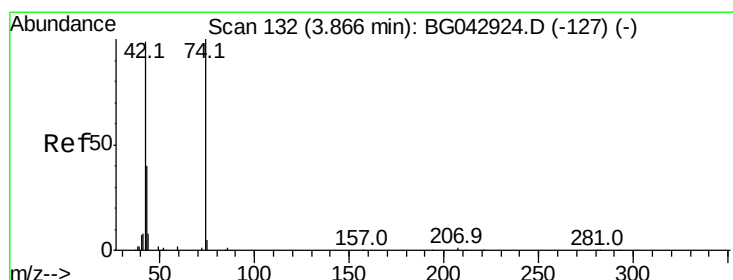
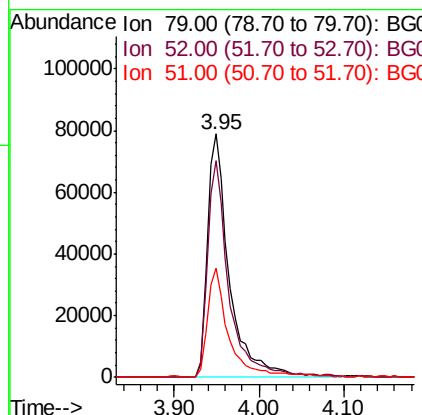
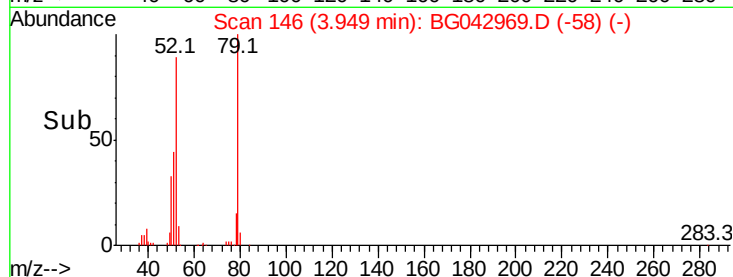
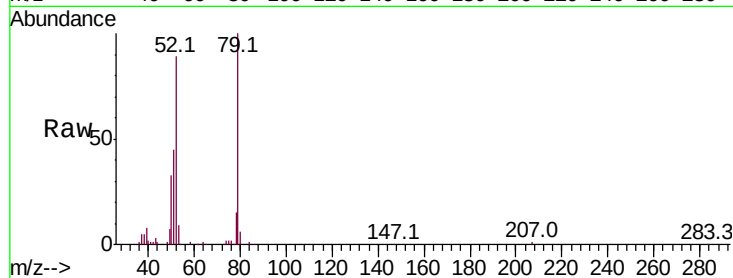
#3
 Pvridine
 Concen: 30.965 ng
 RT: 3.95 min Scan# 146
 Delta R.T. -0.01 min
 Lab File: BG042969.D
 Acq: 1 Oct 2019 16:26

Instrument :
 BNA_G
 ClientSampled :
 PB123514BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	88.9	73.0	109.4
51	44.6	35.1	52.7

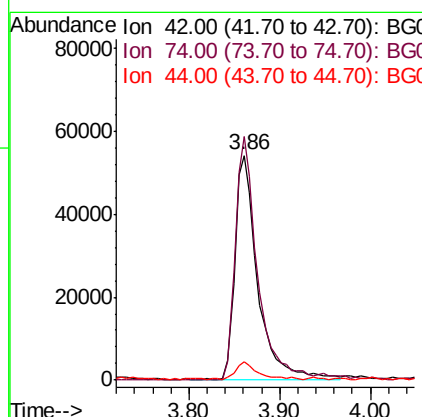
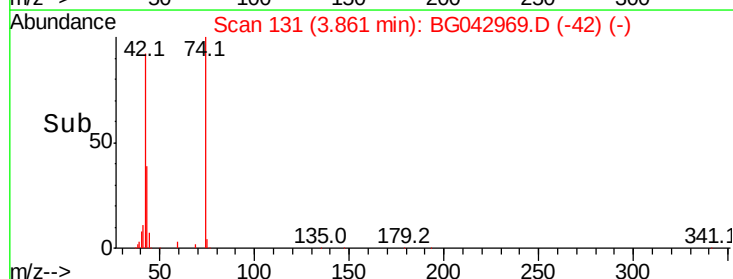
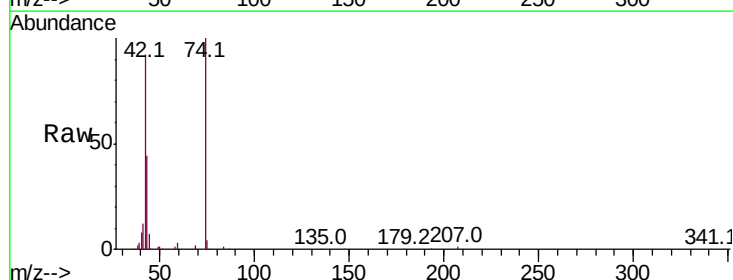
Manual Integrations
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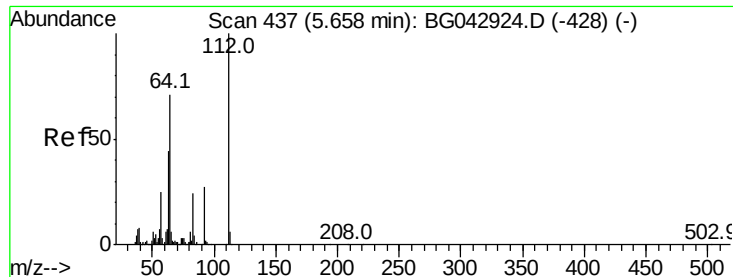
mohammad
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#4
 n-Nitrosodimethylamine
 Concen: 43.385 ng
 RT: 3.86 min Scan# 131
 Delta R.T. -0.01 min
 Lab File: BG042969.D
 Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
42	100		
74	108.4	80.5	120.7
44	8.0	6.9	10.3





#5

2-Fluorophenol

Concen: 119.890 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.00 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Instrument :

BNA_G

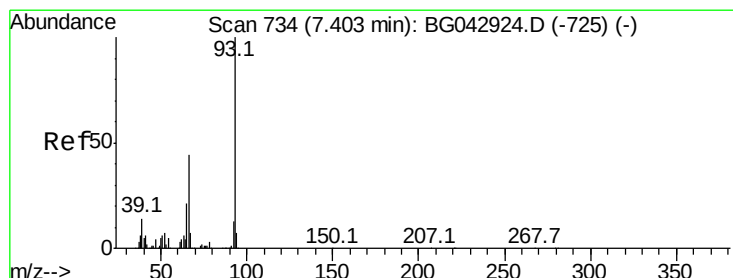
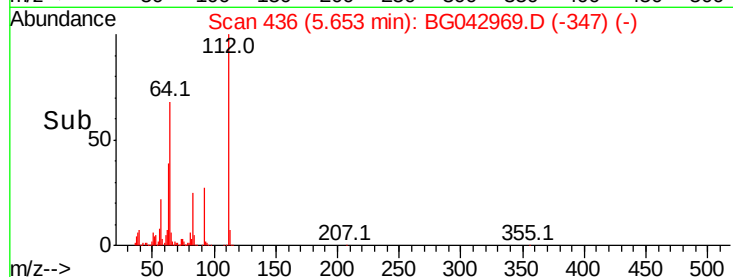
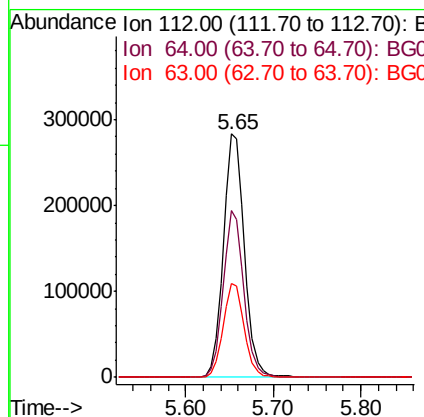
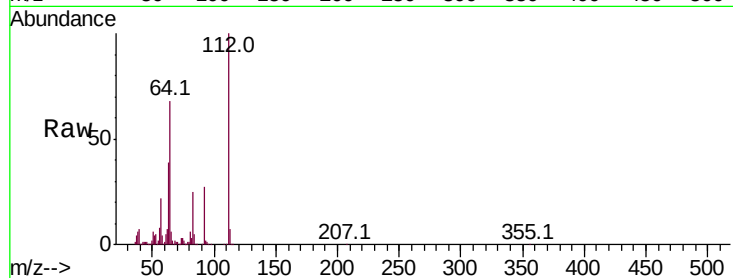
ClientSampleId :

PB123514BS

Tot Ion:	112	Resp:	472165
Ion Ratio	Lower	Upper	
112	100		
64	68.3	56.6	84.8
63	38.7	35.1	52.7

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#6

Aniline

Concen: 32.753 ng

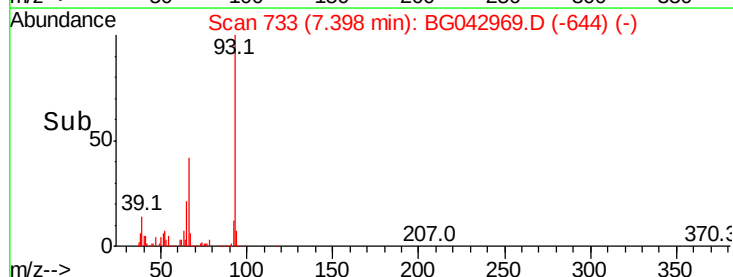
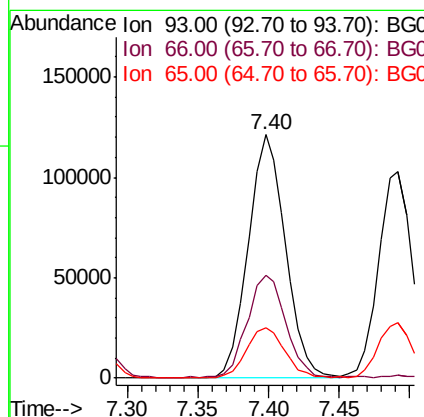
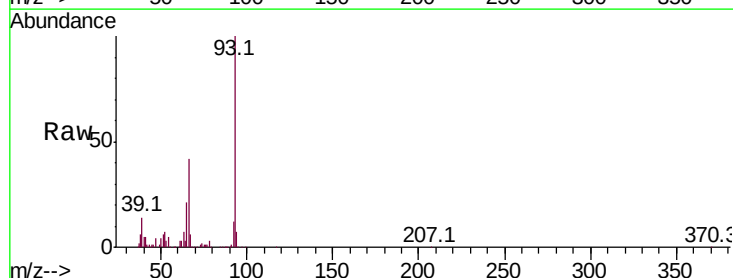
RT: 7.40 min Scan# 733

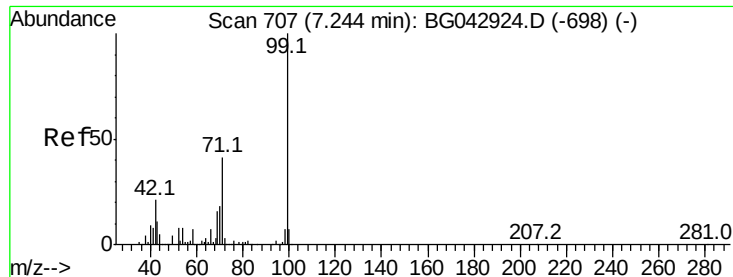
Delta R.T. -0.00 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Tgt Ion:	93	Resp:	224229
Ion Ratio	Lower	Upper	
93	100		
66	42.1	35.0	52.6
65	20.9	17.4	26.0





#7

Phenol-d6

Concen: 112.169 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Instrument :

BNA_G

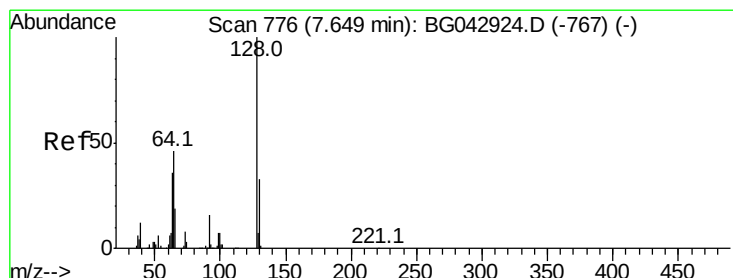
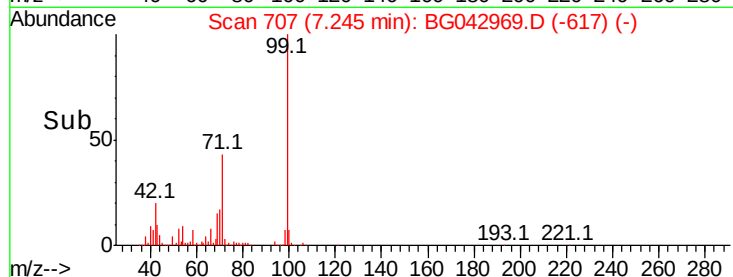
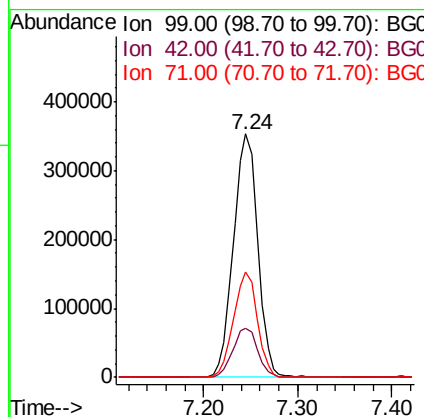
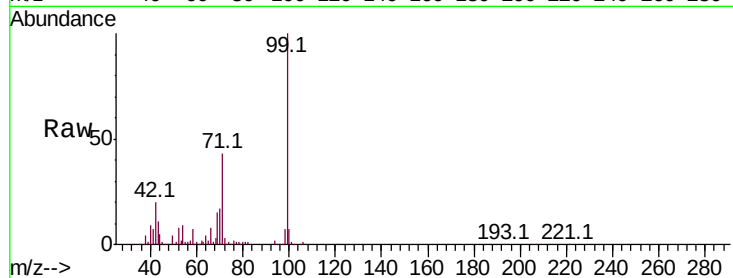
ClientSampleId :

PB123514BS

Tot Ion:	99	Resp:	636153
Ion Ratio	Lower	Upper	
99	100		
42	20.2	17.2	25.8
71	43.1	33.1	49.7

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#8

2-Chlorophenol

Concen: 47.922 ng

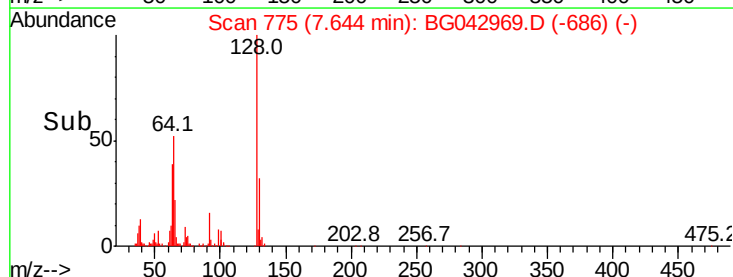
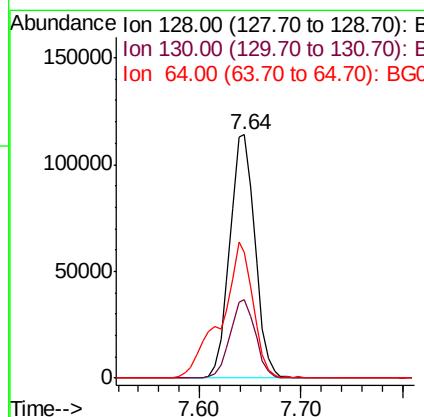
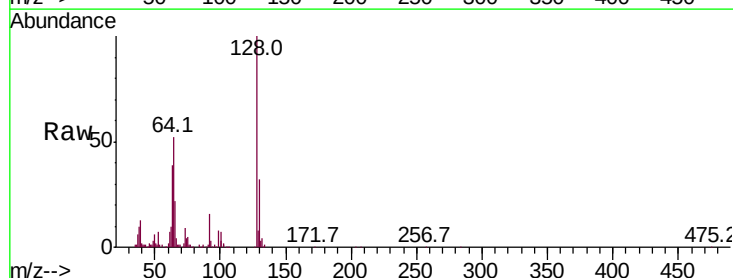
RT: 7.64 min Scan# 775

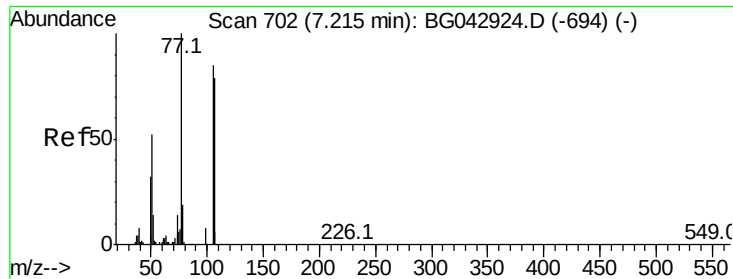
Delta R.T. -0.01 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Tgt Ion:	128	Resp:	196823
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.5	52.5
64	51.9	32.8	72.8





#9

Benzaldehyde

Concen: 29.778 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Instrument :

BNA_G

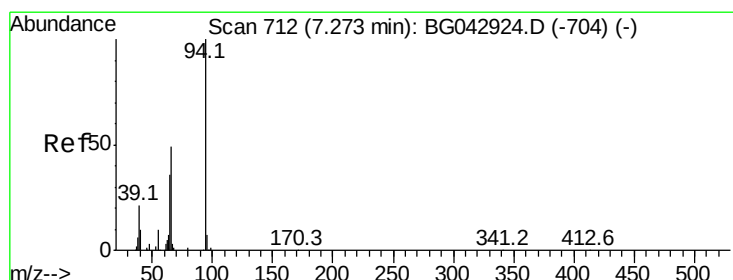
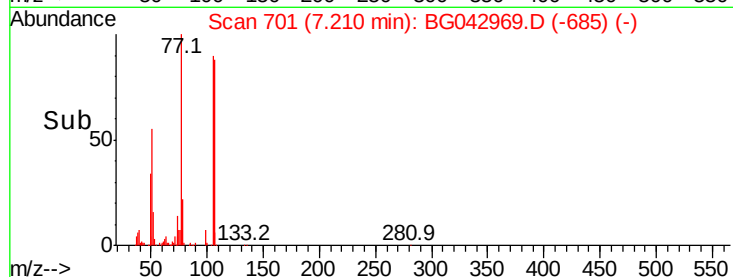
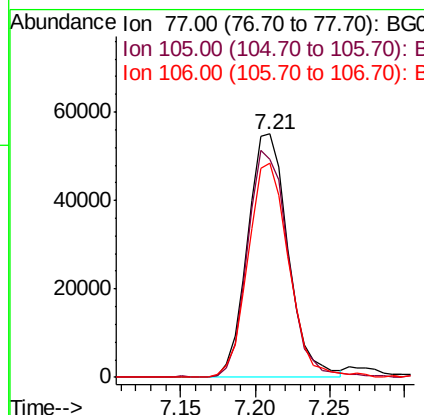
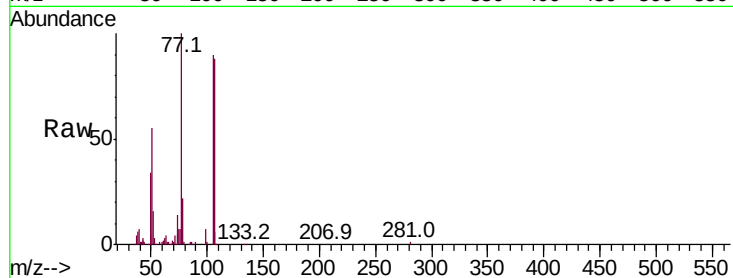
ClientSampleId :

PB123514BS

Tot Ion:	77	Resp:	103200
Ion Ratio	Lower	Upper	
77	100		
105	89.8	64.6	104.6
106	87.8	59.4	99.4

Manual Integrations
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#10

Phenol

Concen: 47.439 ng

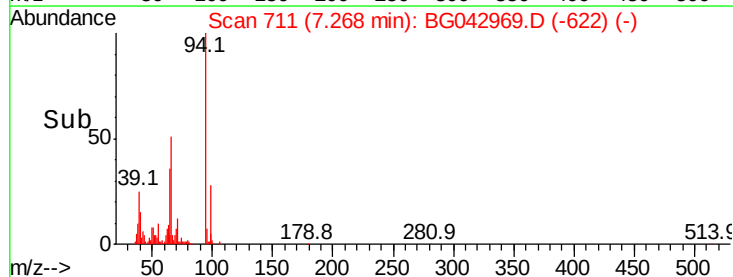
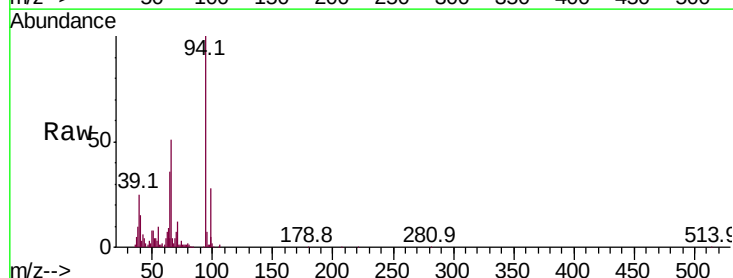
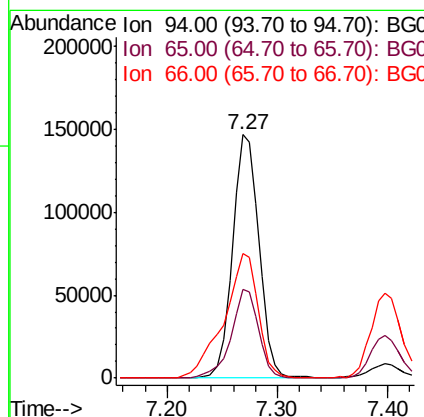
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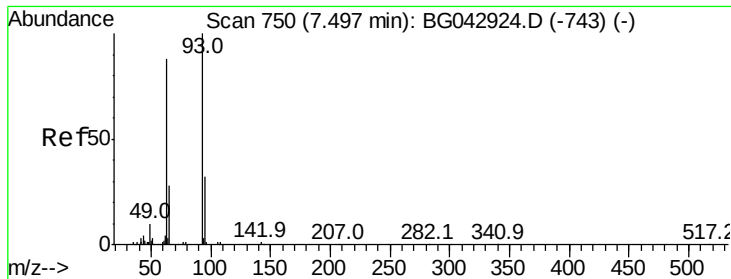
Delta R.T. -0.00 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Tgt Ion:	94	Resp:	246840
Ion Ratio	Lower	Upper	
94	100		
65	36.2	16.6	56.6
66	51.1	32.4	72.4





#11

bis(2-Chloroethyl)ether

Concen: 42.928 ng

RT: 7.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Instrument :

BNA_G

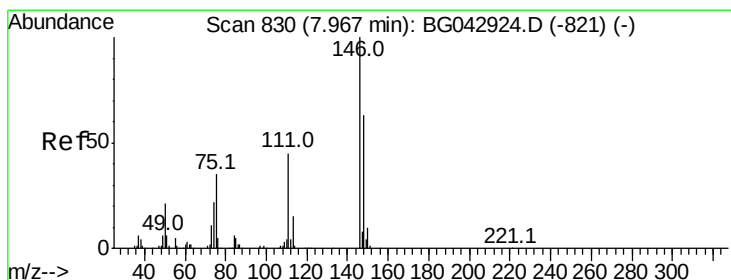
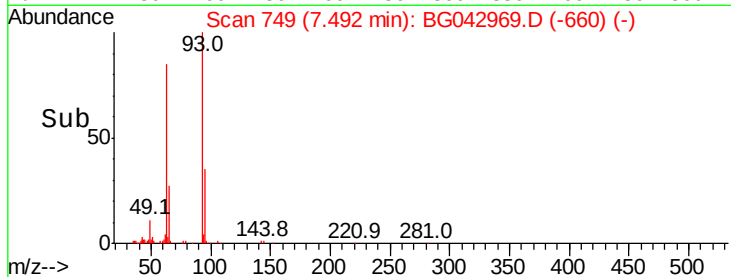
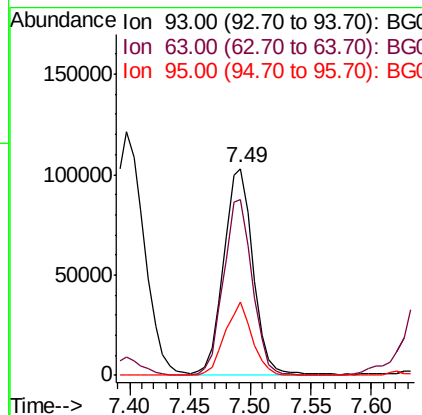
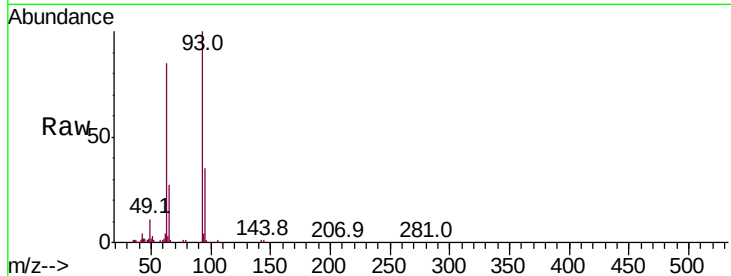
ClientSampleId :

PB123514BS

Tot Ion:	93	Resp:	172826
Ion Ratio	Lower	Upper	
93	100		
63	84.7	67.4	107.4
95	35.4	11.9	51.9

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 40.296 ng

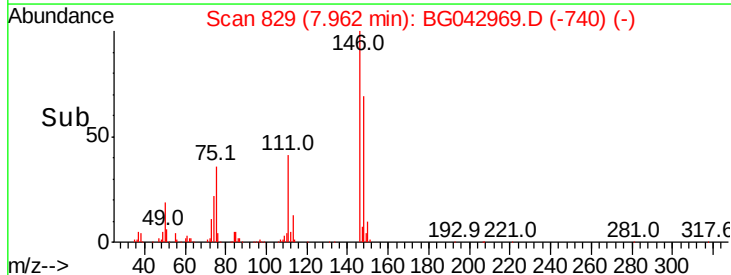
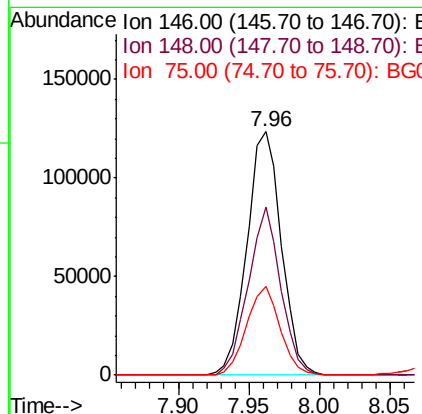
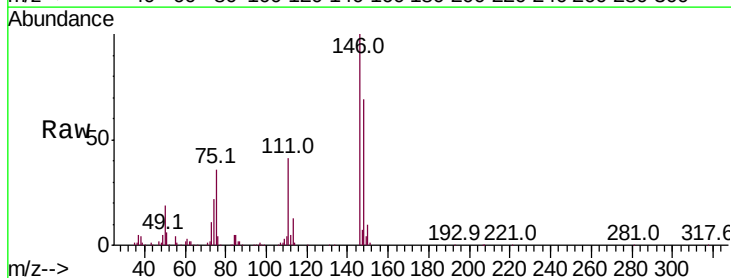
RT: 7.96 min Scan# 829

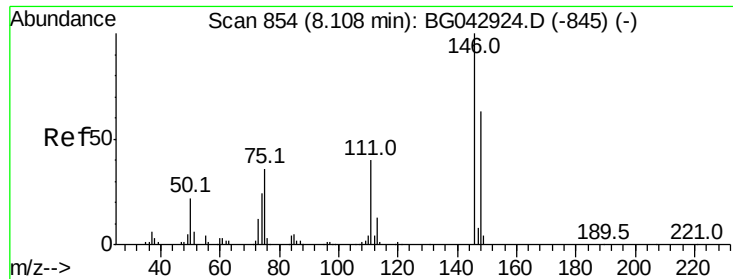
Delta R.T. -0.00 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Tgt Ion:	146	Resp:	211125
Ion Ratio	Lower	Upper	
146	100		
148	69.1	50.7	76.1
75	36.4	27.7	41.5





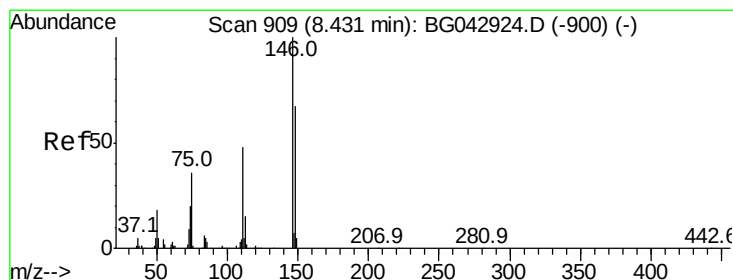
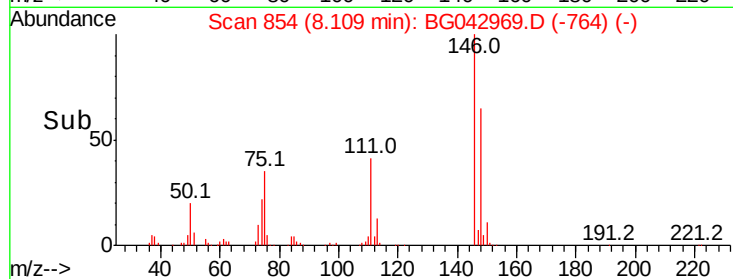
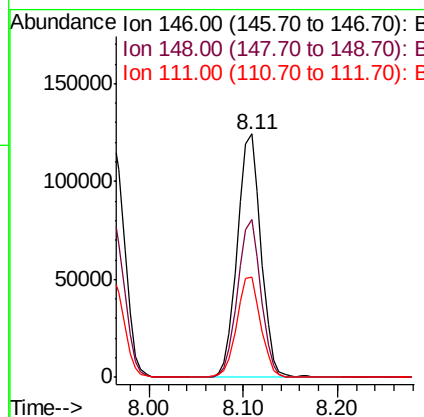
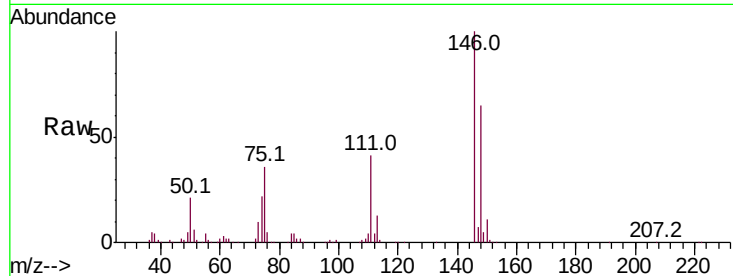
#13
 1,4-Dichlorobenzene
 Concen: 41.527 ng
 RT: 8.11 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BG042969.D
 Acq: 1 Oct 2019 16:26

Instrument :
 BNA_G
 ClientSampleId :
 PB123514BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.9	76.3
111	41.1	31.8	47.8

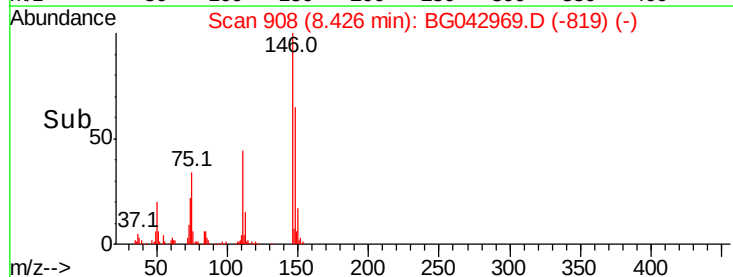
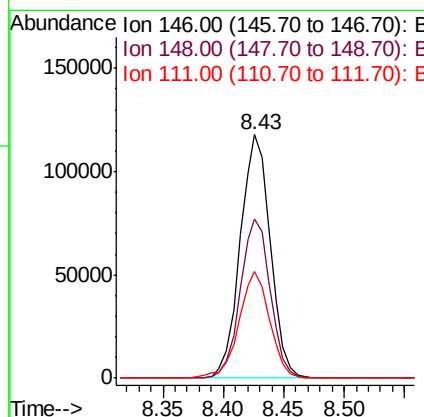
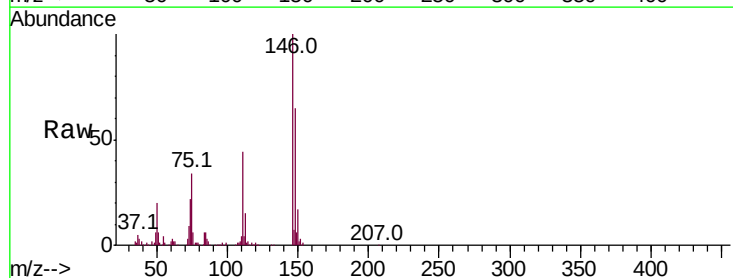
Manual Integrations
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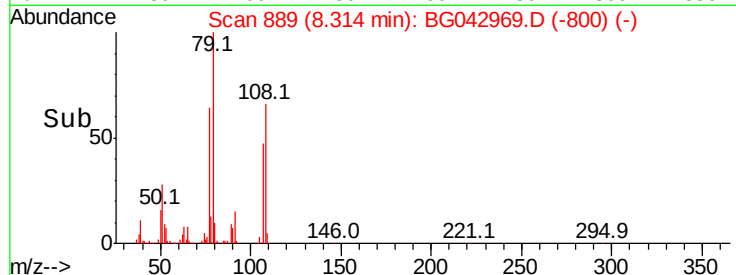
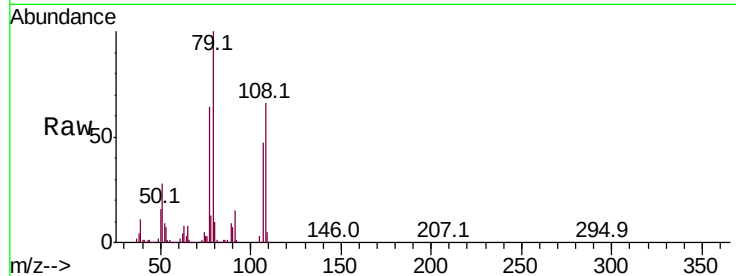
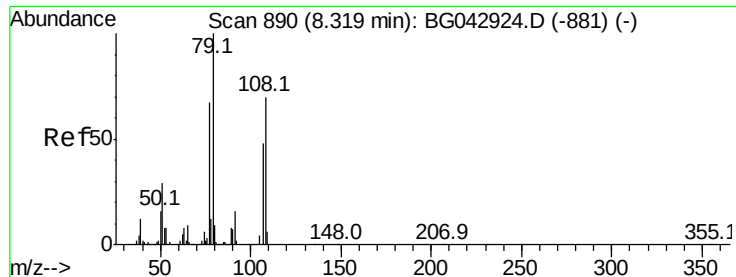
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.123 ng
 RT: 8.43 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BG042969.D
 Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	53.4	80.2
111	43.8	38.5	57.7





#15

Benzyl Alcohol

Concen: 44.589 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Tot Ion	79	108	77
Ion	Ratio	Ratio	Ratio
79	100	66.1	64.3
108		55.7	53.3
77			79.9

Instrument :

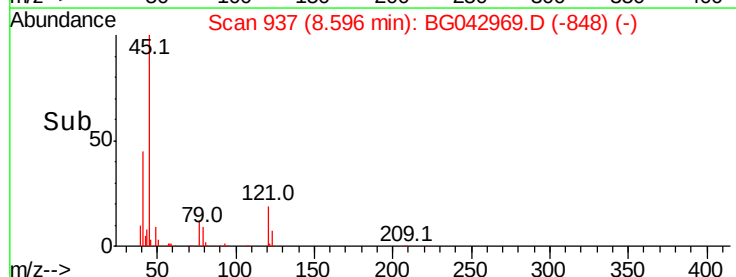
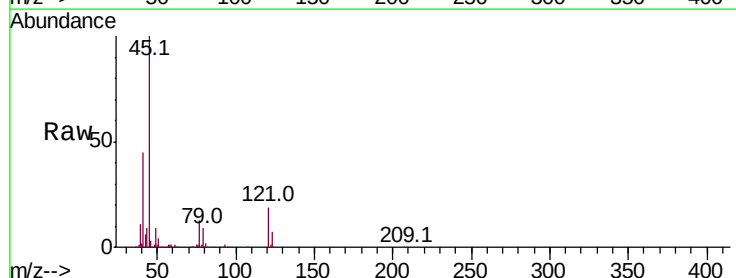
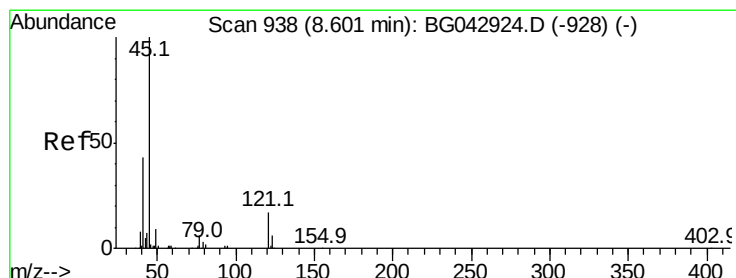
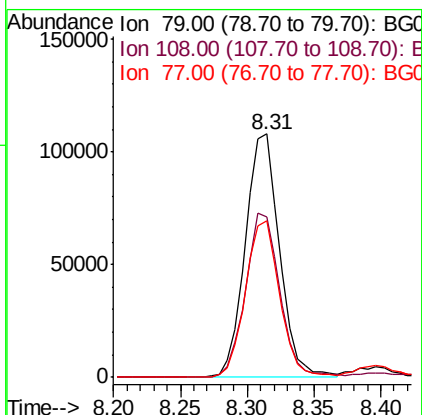
BNA_G

ClientSampled :

PB123514BS

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.715 ng

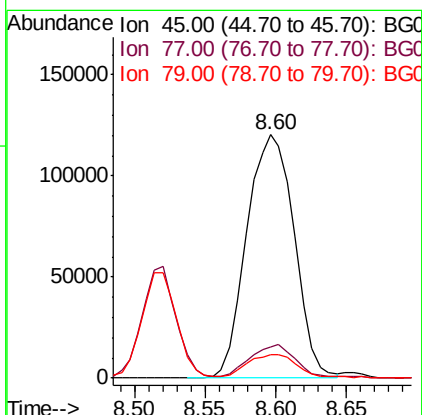
RT: 8.60 min Scan# 937

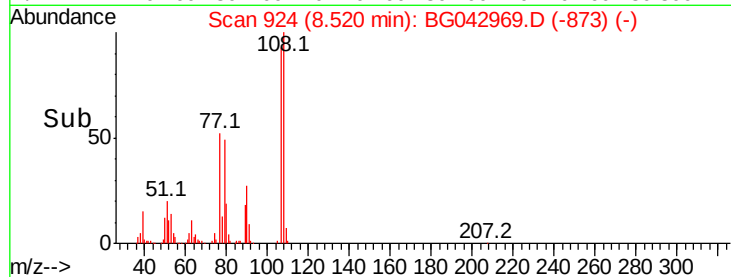
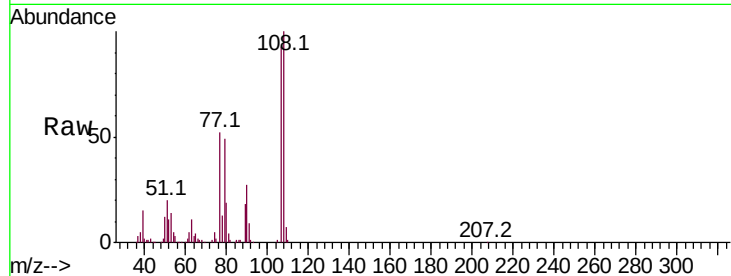
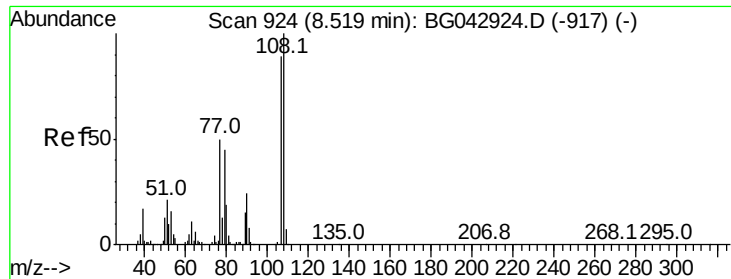
Delta R.T. -0.00 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Tgt Ion	45	77	79
Ion	Ratio	Ratio	Ratio
45	100	12.8	9.4
77		0.0	0.0
79			29.4





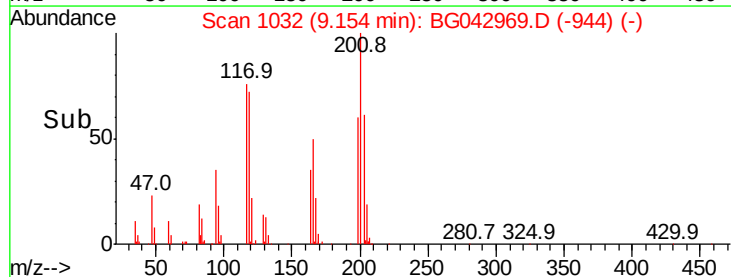
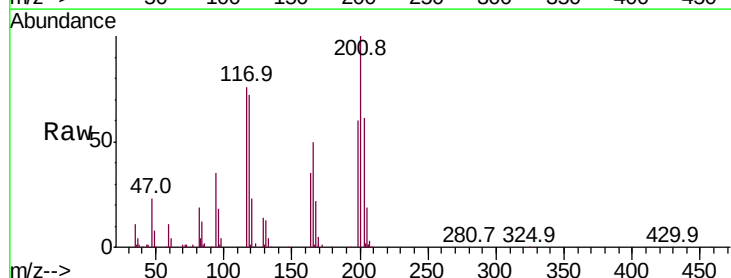
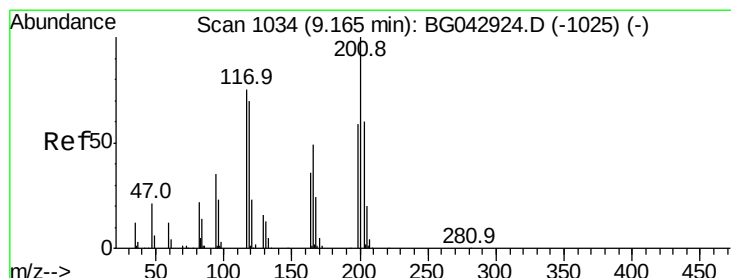
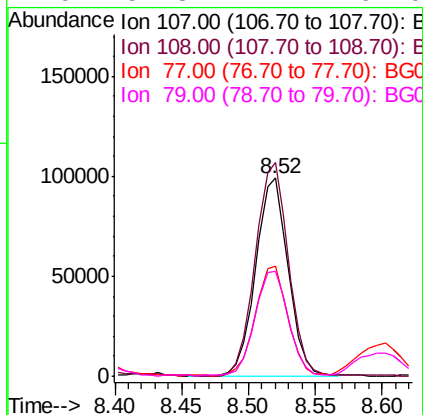
#17
2-Methylphenol
Concen: 45.870 ng
RT: 8.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tot Ion	Ratio	Resp	Lower	Upper
107	100	167006		
108	107.9	89.9	134.9	
77	55.8	45.4	68.2	
79	52.8	41.4	62.0	

Instrument :
BNA_G
ClientSampleId :
PB123514BS

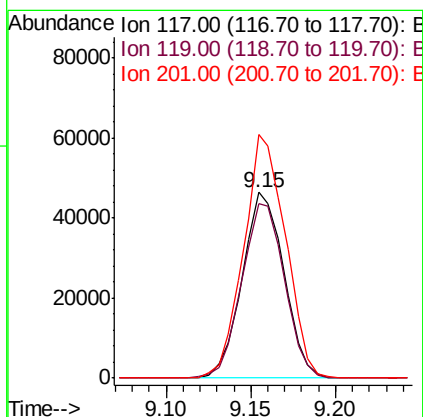
Manual Integrations
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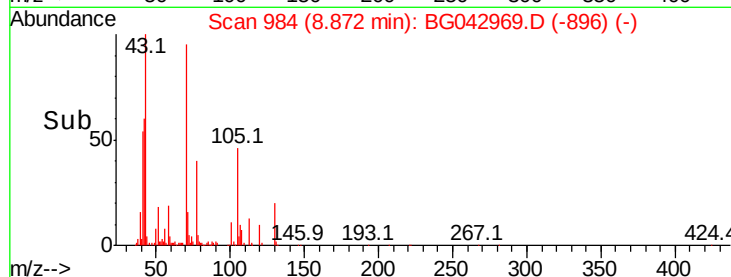
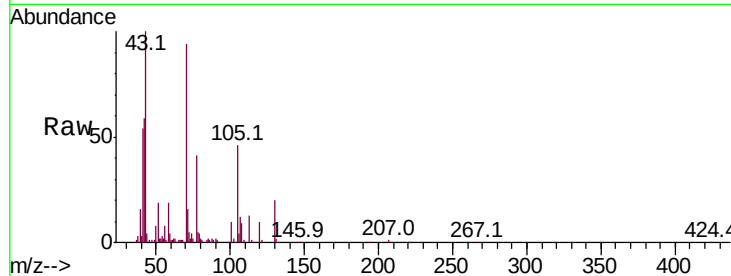
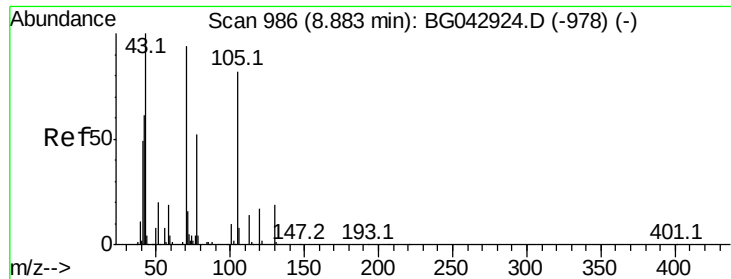
mohammad
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#18
Hexachloroethane
Concen: 40.601 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	79866		
119	94.2	74.6	111.8	
201	131.0	106.0	159.0	





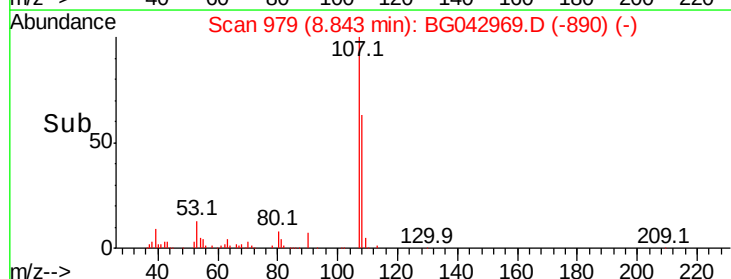
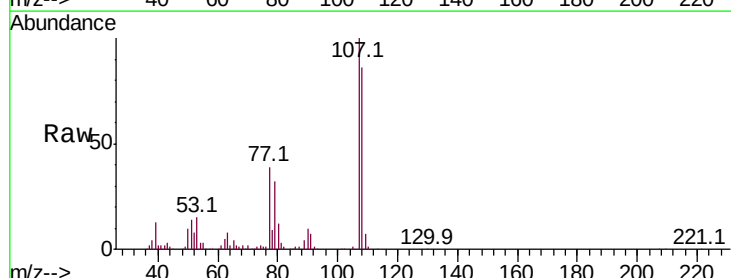
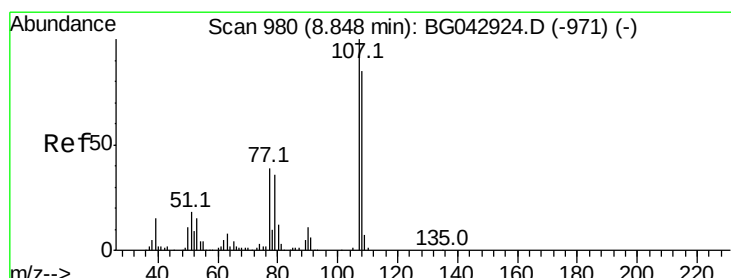
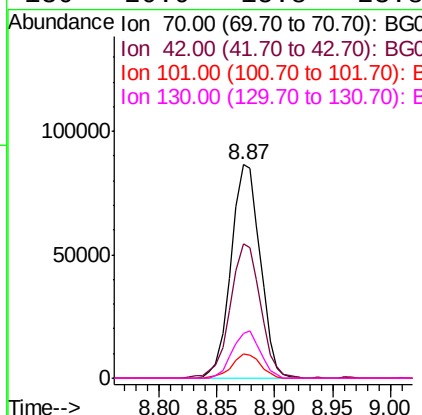
#19
n-Nitroso-di-n-propylamine
Concen: 40.677 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Instrument :
BNA_G
ClientSampled :
PB123514BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.1	52.6	79.0
101	11.1	8.7	13.1
130	20.9	15.8	23.8

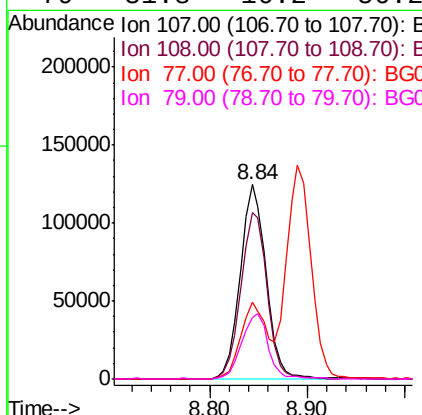
Manual Integrations
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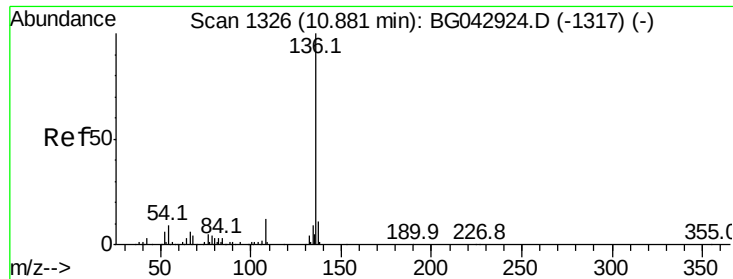
mohammad
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#20
3+4-Methylphenols
Concen: 46.169 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.9	64.9	104.9
77	39.4	19.4	59.4
79	31.8	16.2	56.2





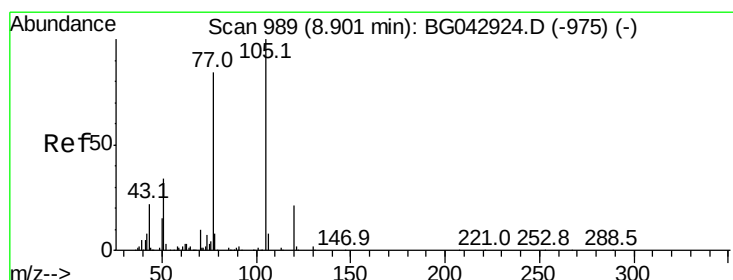
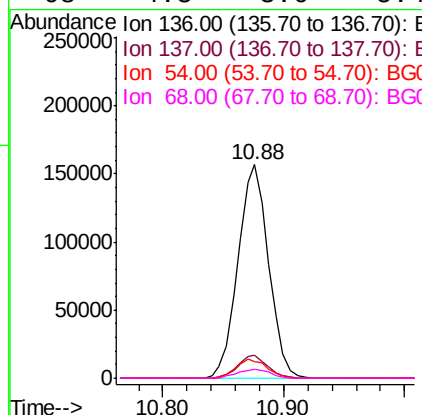
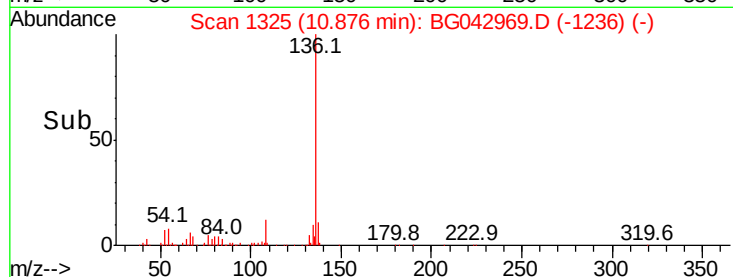
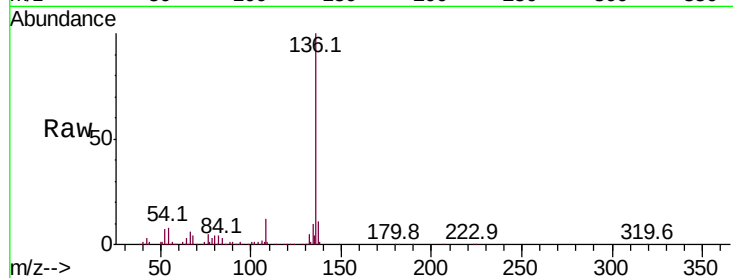
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Instrument :
BNA_G
ClientSampleId :
PB123514BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	7.9	7.4	11.2	
68	4.3	3.6	5.4	

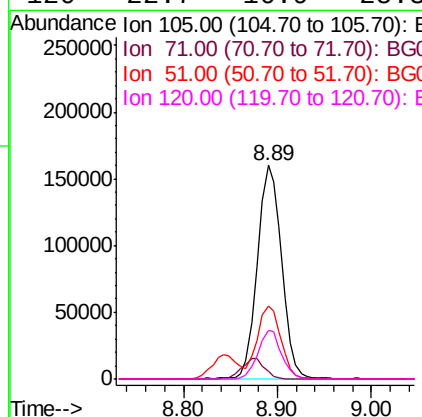
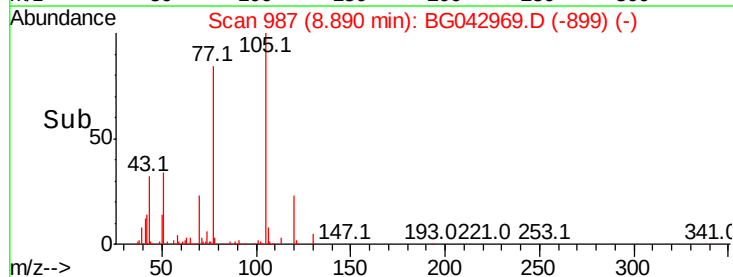
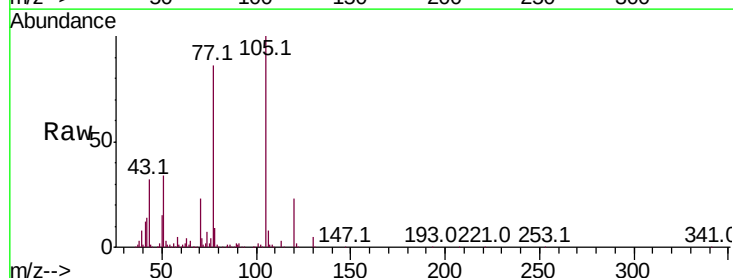
Manual Integrations
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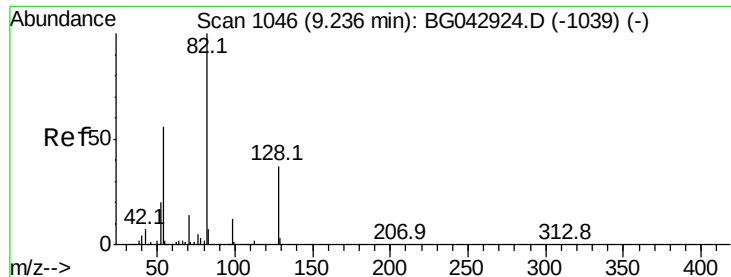
mohammad
10/2/2019 4:00:23 PM



#22
Acetophenone
Concen: 40.331 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.6	1.2	1.8#	
51	34.1	27.2	40.8	
120	22.7	16.9	25.3	





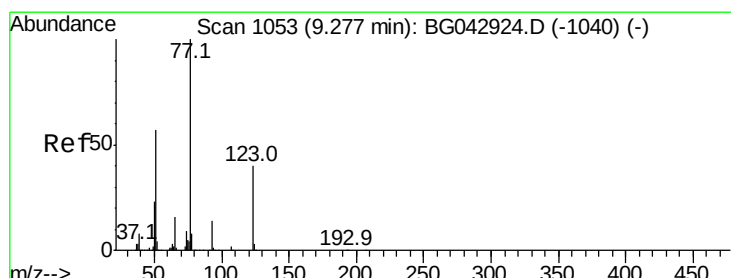
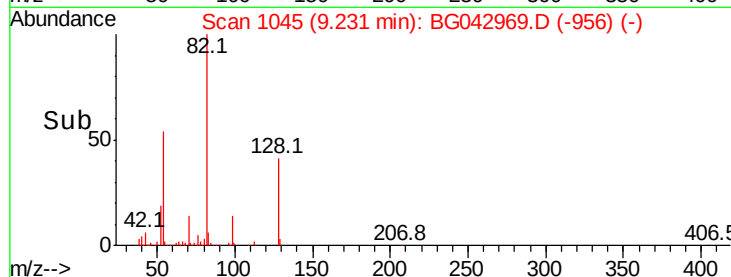
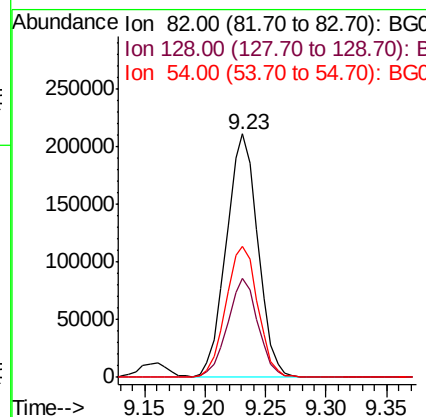
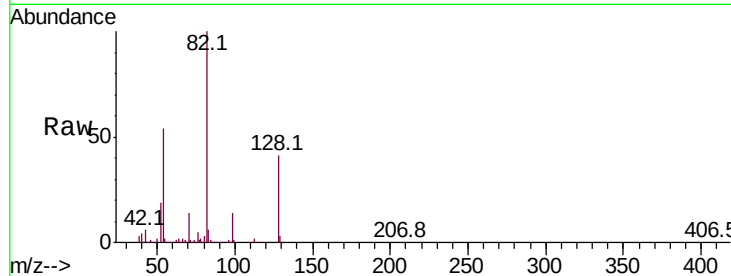
#23
 Nitrobenzene-d5
 Concen: 67.401 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG042969.D
 Acq: 1 Oct 2019 16:26

Instrument :
 BNA_G
 ClientSampled :
 PB123514BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.9	29.5	44.3	
54	53.9	44.6	67.0	

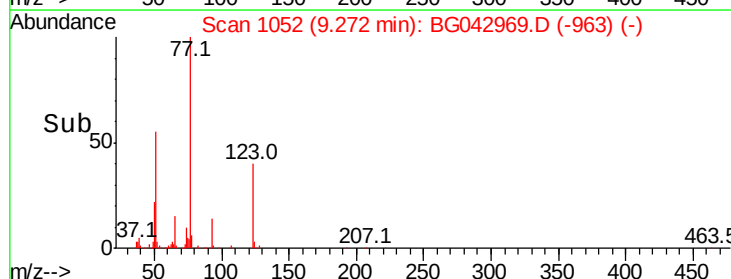
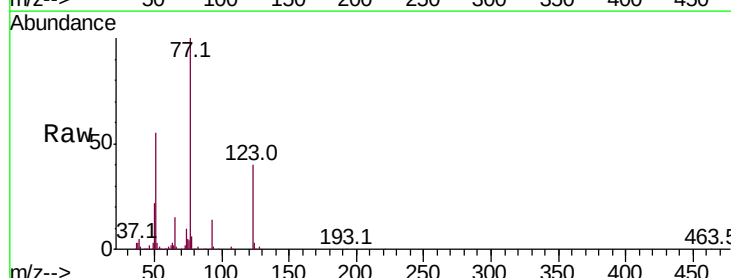
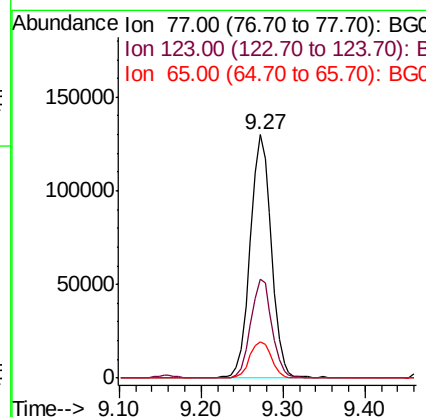
Manual Integrations
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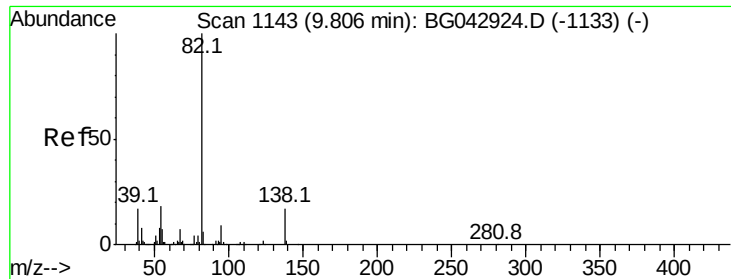
mohammad
 10/2/2019 4:00:23 PM



#24
 Nitrobenzene
 Concen: 43.315 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG042969.D
 Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.5	31.9	47.9	
65	14.9	12.4	18.6	





#25

Isophorone

Concen: 41.911 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Instrument :

BNA_G

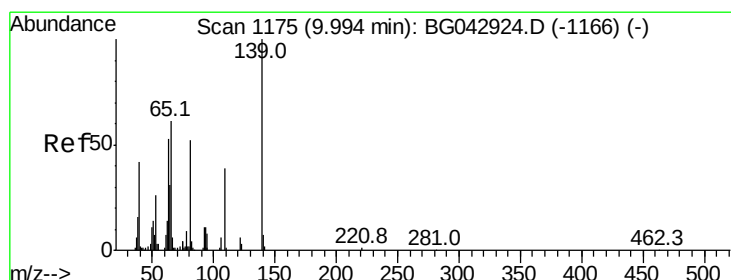
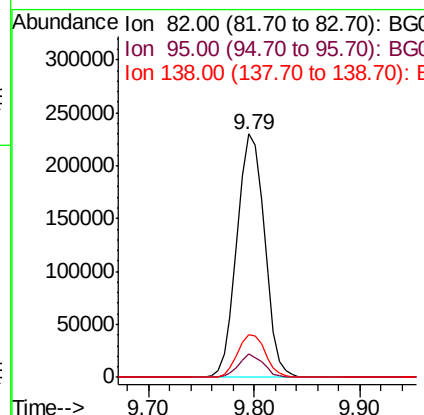
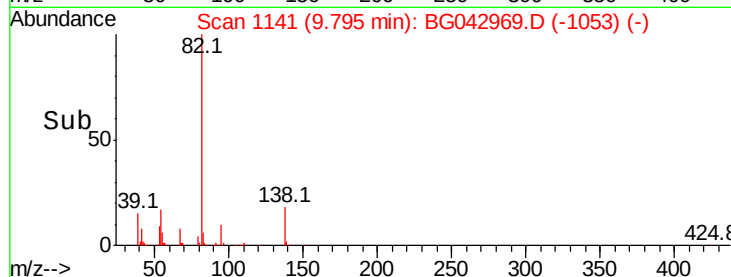
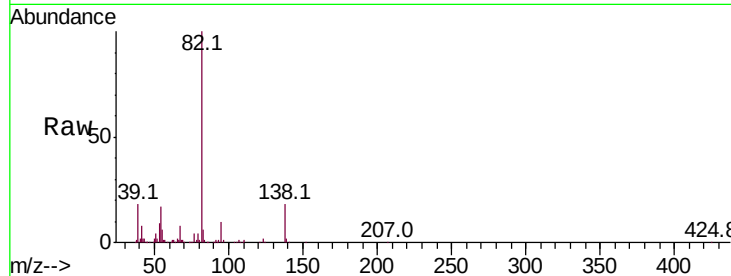
ClientSampleId :

PB123514BS

Tot Ion	82	Resp	417436
Ion	Ratio	Lower	Upper
82	100		
95	9.5	7.0	10.4
138	17.7	13.8	20.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.199 ng

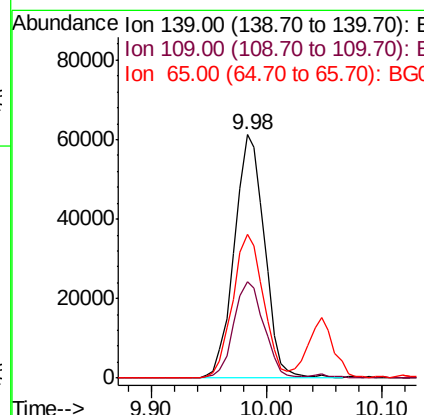
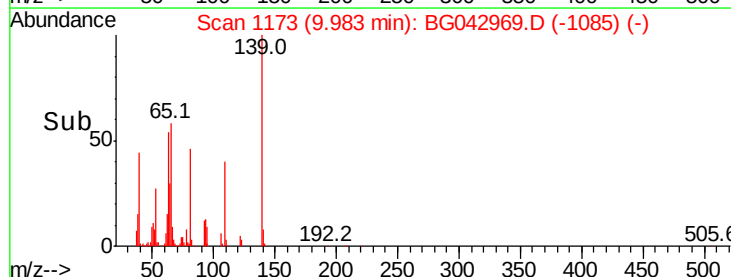
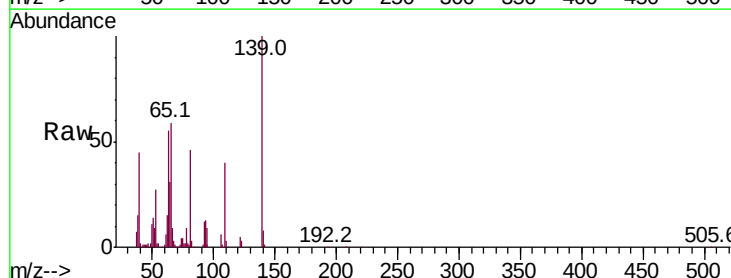
RT: 9.98 min Scan# 1173

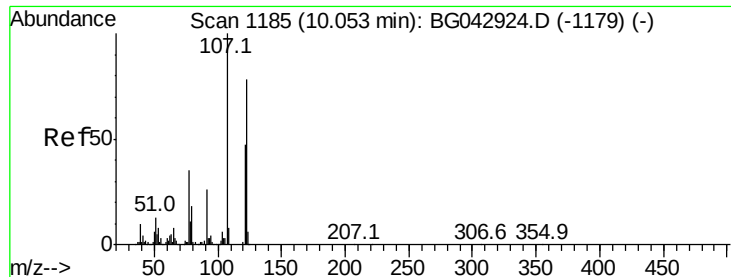
Delta R.T. -0.01 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Tgt Ion	139	Resp	110974
Ion	Ratio	Lower	Upper
139	100		
109	39.8	31.0	46.6
65	59.1	48.4	72.6





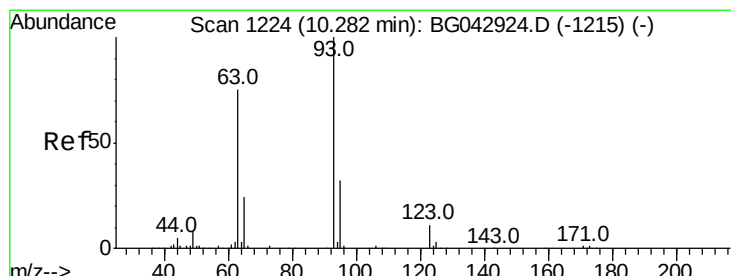
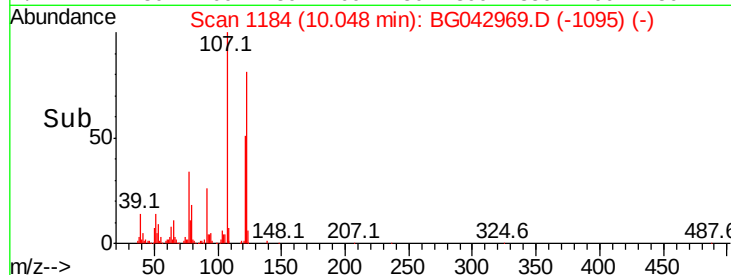
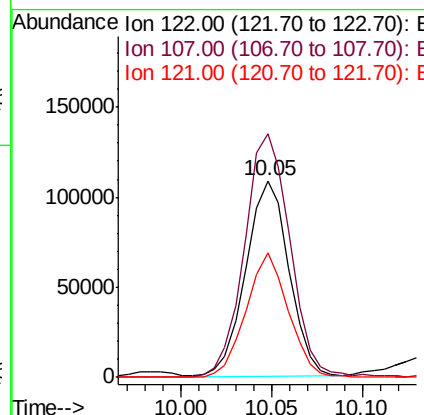
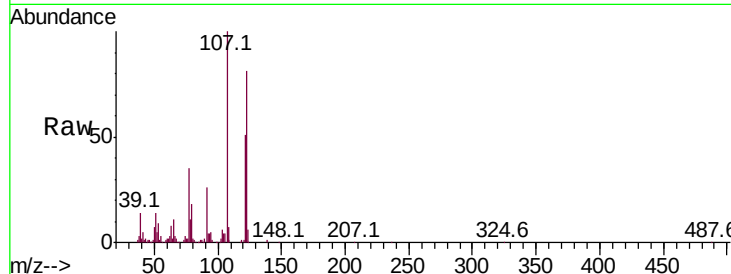
#27
2,4-Dimethylphenol
Concen: 51.208 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Instrument :
BNA_G
ClientSampleId :
PB123514BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.0	102.2	153.2
121	63.4	48.5	72.7

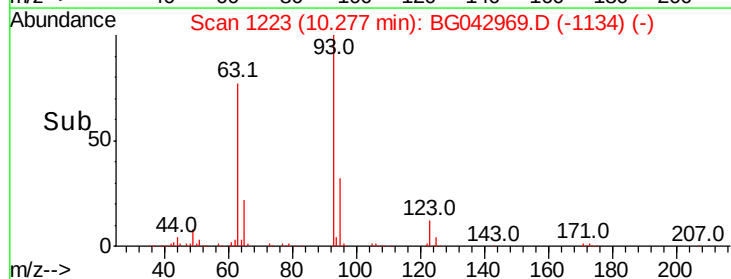
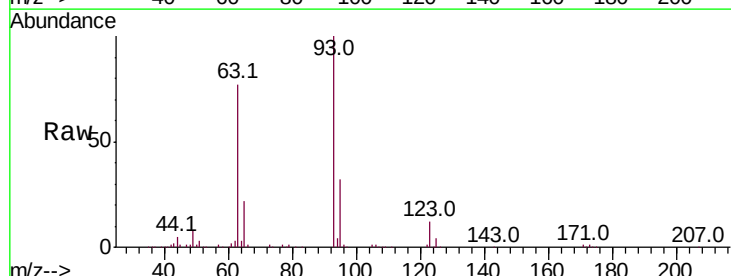
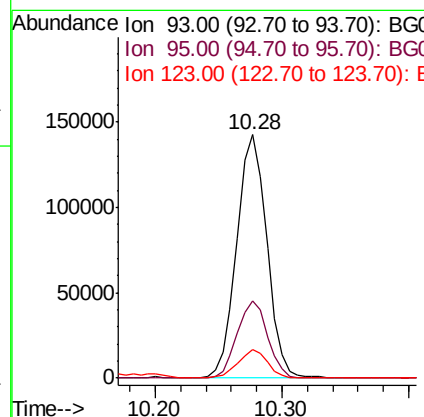
Manual Integrations
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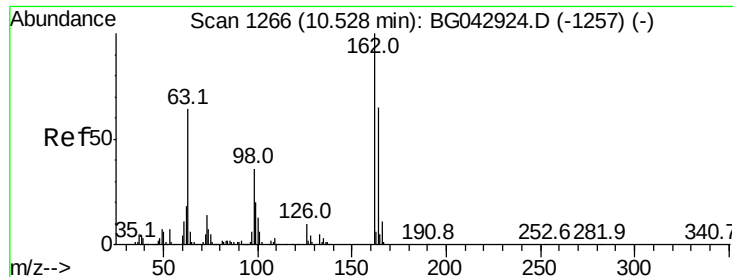
mohammad
10/2/2019 4:00:23 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.569 ng
RT: 10.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.4	38.0
123	11.6	9.3	13.9





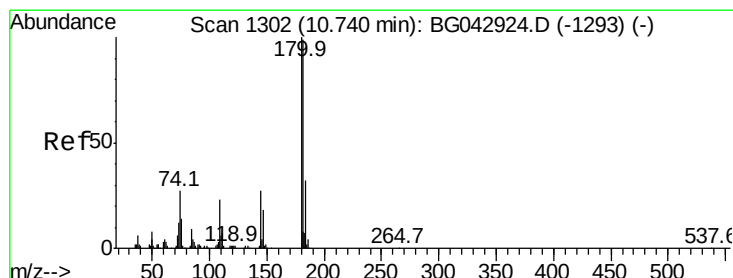
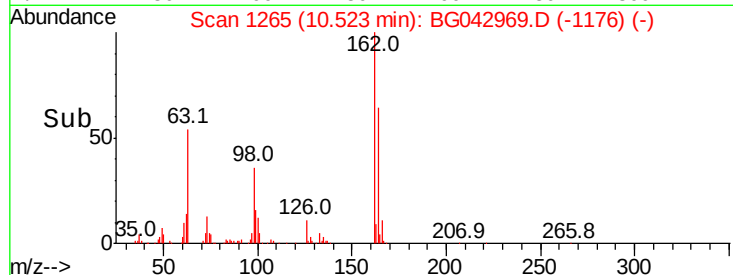
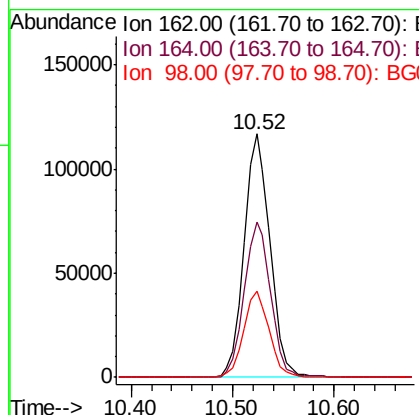
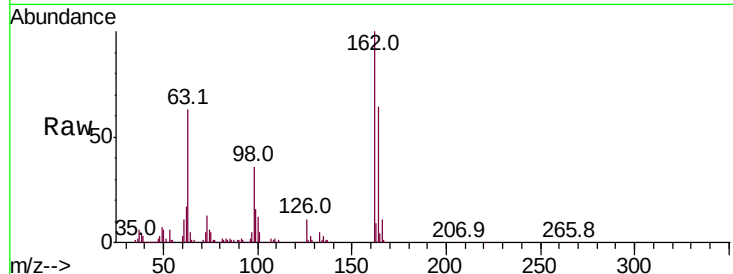
#29
2,4-Dichlorophenol
Concen: 46.941 ng
RT: 10.52 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Instrument :
BNA_G
ClientSampleId :
PB123514BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.7	84.7
98	35.6	16.0	56.0

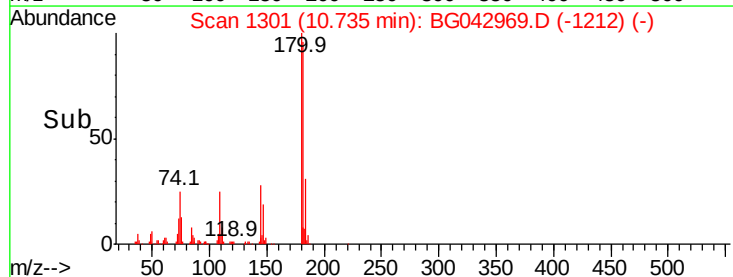
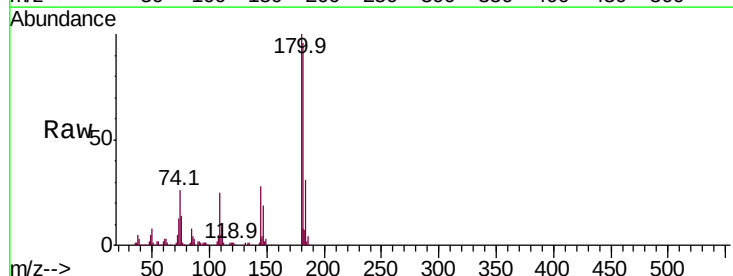
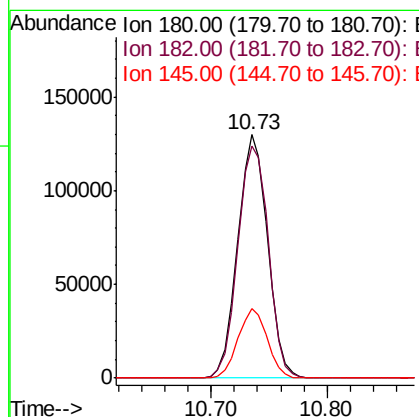
Manual Integrations
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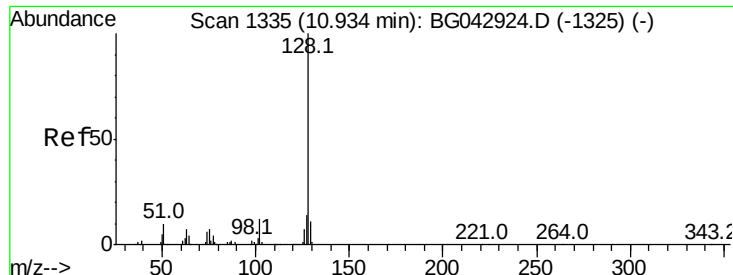
mohammad
10/2/2019 4:00:23 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.878 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	79.3	118.9
145	28.4	22.0	33.0





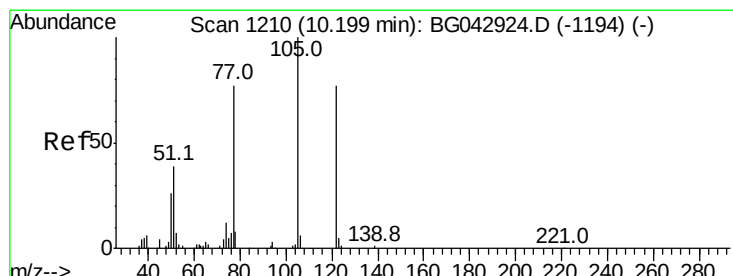
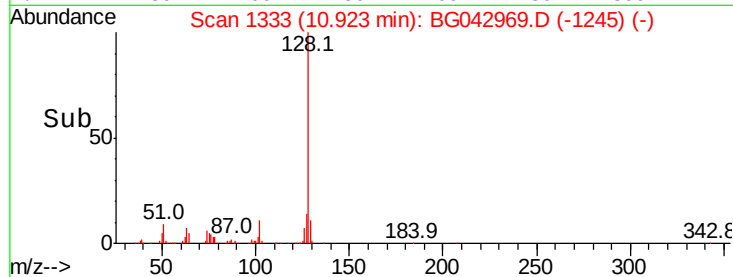
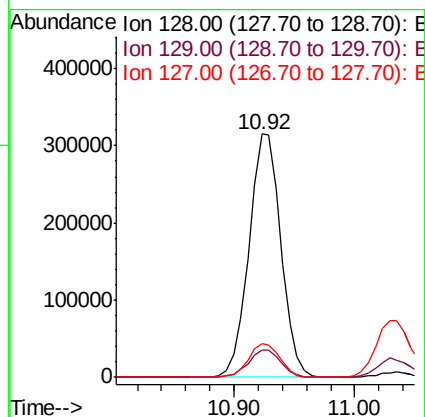
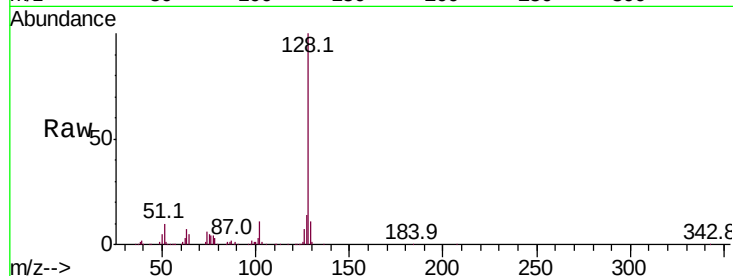
#31
Naphthalene
Concen: 42.953 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Instrument :
BNA_G
ClientSampleId :
PB123514BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	8.8	13.2	
127	13.6	11.3	16.9	

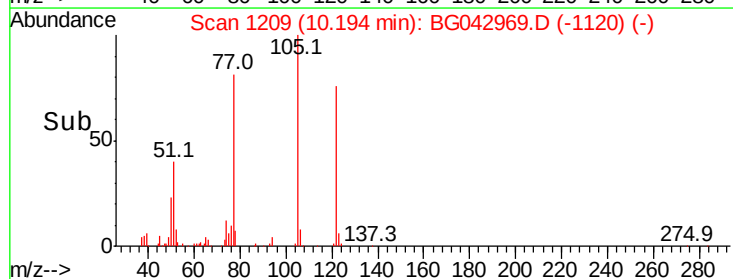
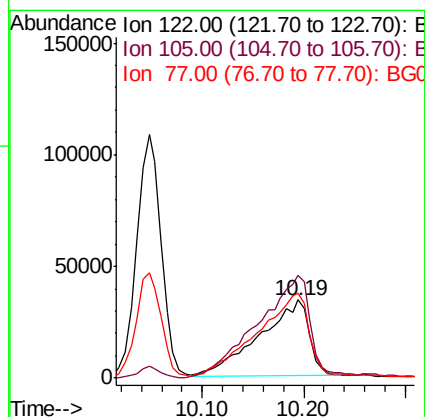
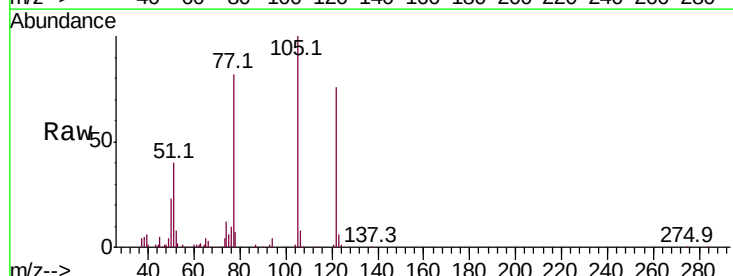
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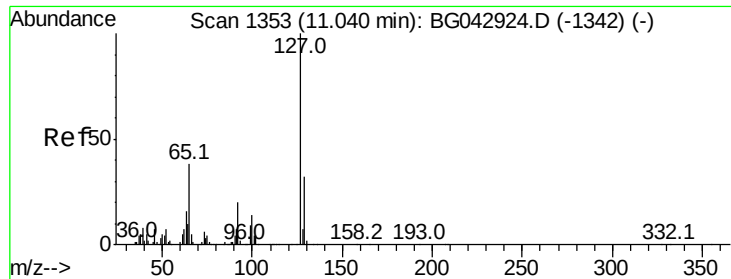
mohammad
10/2/2019 4:00:23 PM



#32
Benzoic acid
Concen: 43.346 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	131.7	107.5	147.5	
77	107.9	79.8	119.8	





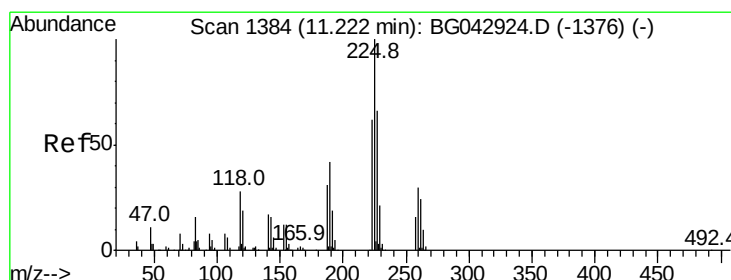
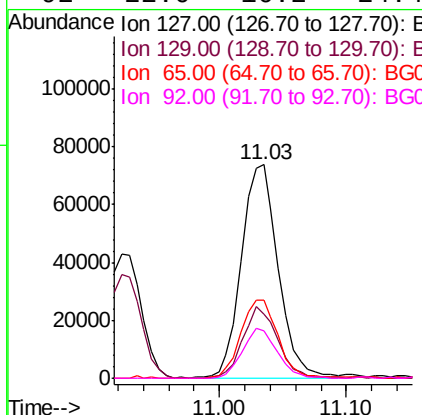
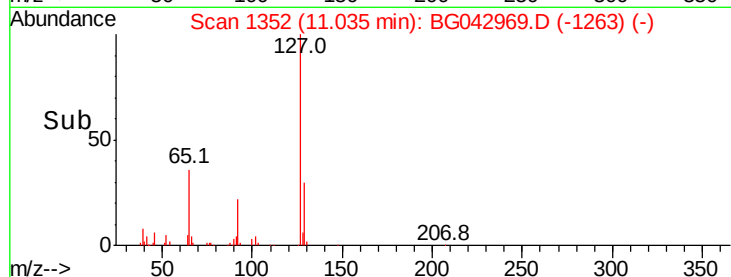
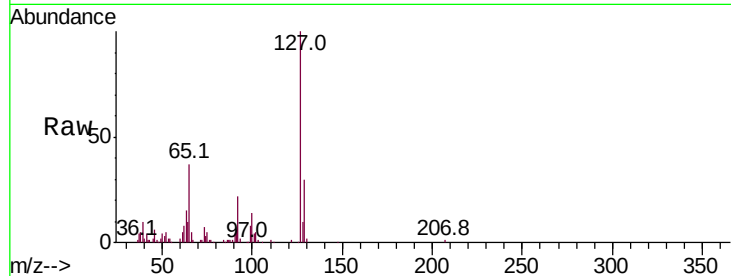
#33
4-Chloroaniline
Concen: 25.128 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Instrument :
BNA_G
ClientSampleId :
PB123514BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.2	26.2	39.2		
65	36.5	30.6	45.8		
92	22.0	16.2	24.4		

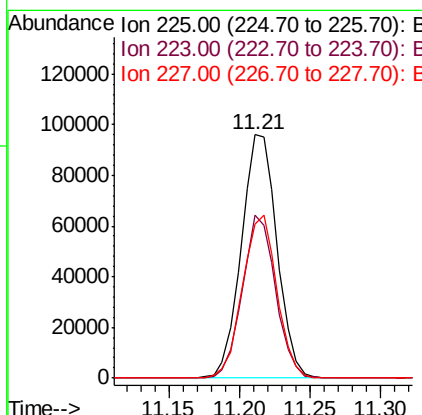
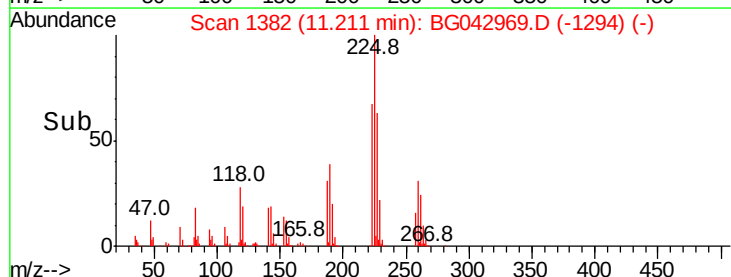
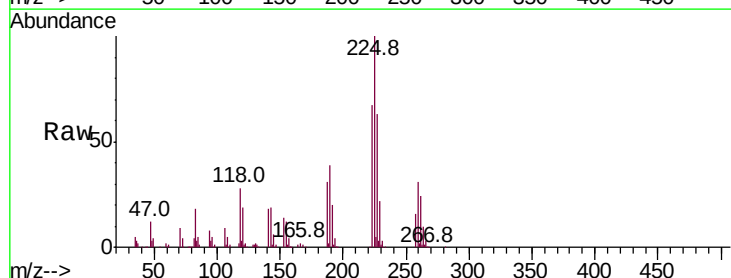
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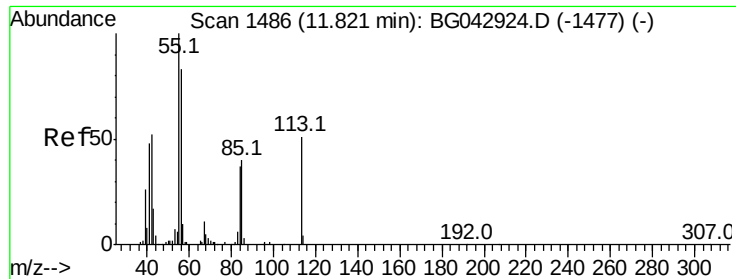
mohammad
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#34
Hexachlorobutadiene
Concen: 39.942 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	66.9	49.3	73.9		
227	65.6	52.8	79.2		





#35

Caprolactam

Concen: 42.656 ng/ml

RT: 11.81 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Instrument :

BNA_G

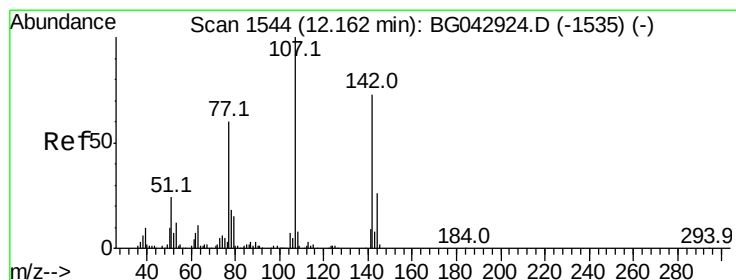
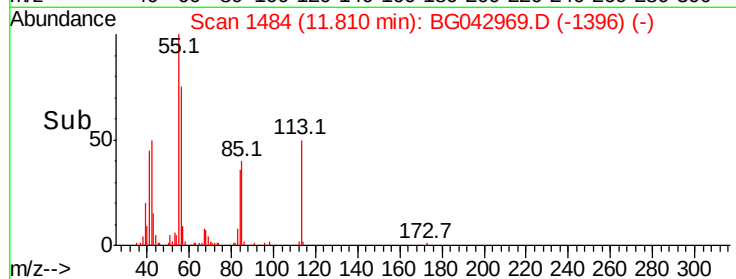
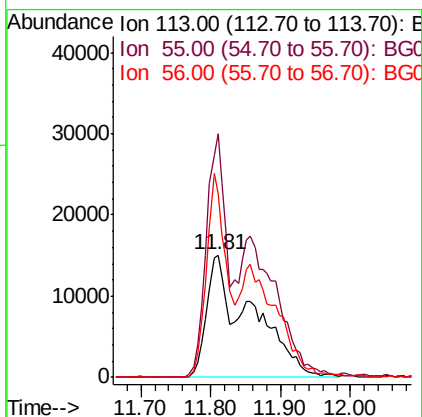
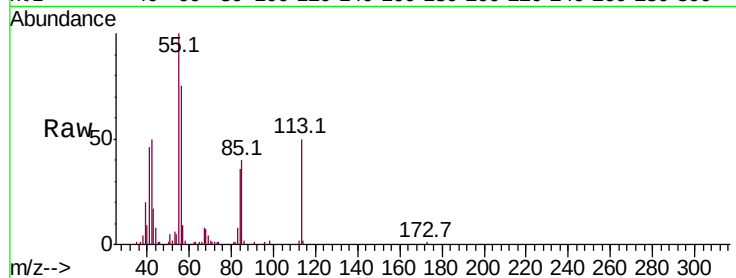
ClientSampled :

PB123514BS

Tot Ion:	113	Resp:	66150
Ion Ratio	Lower	Upper	
113	100		
55	198.8	175.5	215.5
56	149.7	142.3	182.3

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#36

4-Chloro-3-methylphenol

Concen: 46.437 ng/ml

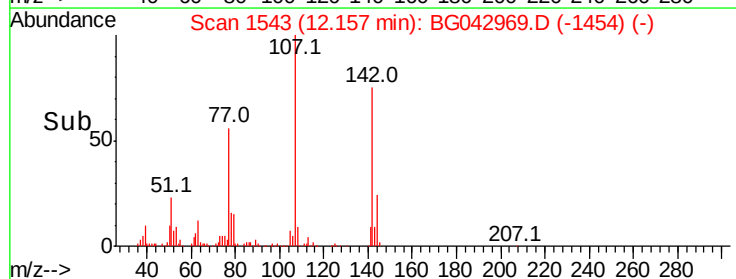
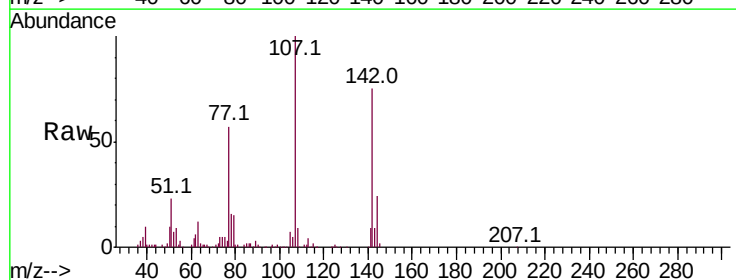
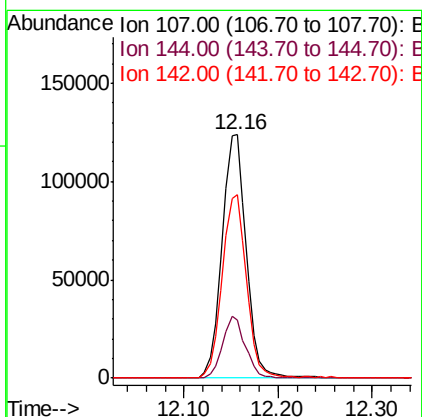
RT: 12.16 min Scan# 1543

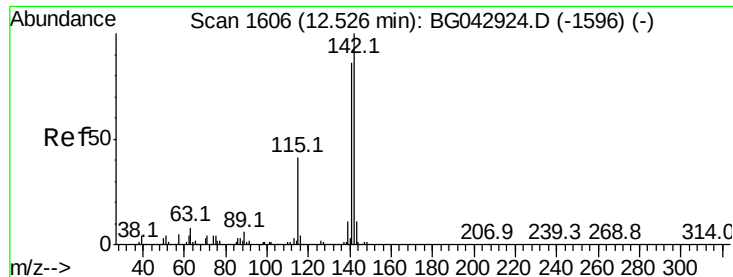
Delta R.T. -0.00 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Tgt Ion:	107	Resp:	222031
Ion Ratio	Lower	Upper	
107	100		
144	23.8	20.7	31.1
142	75.4	58.6	87.8





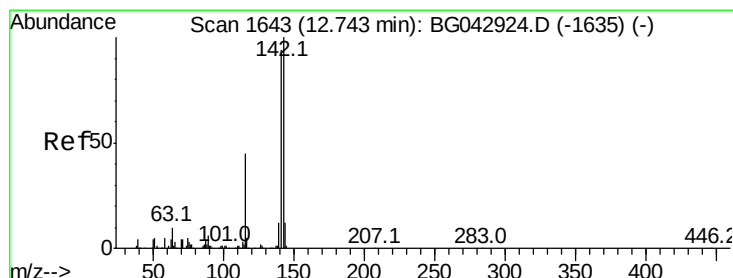
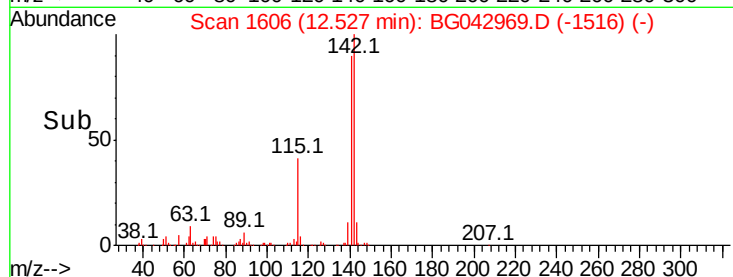
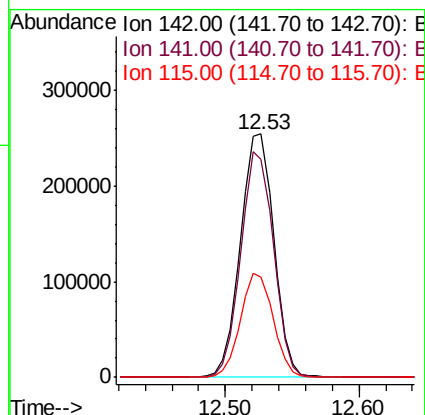
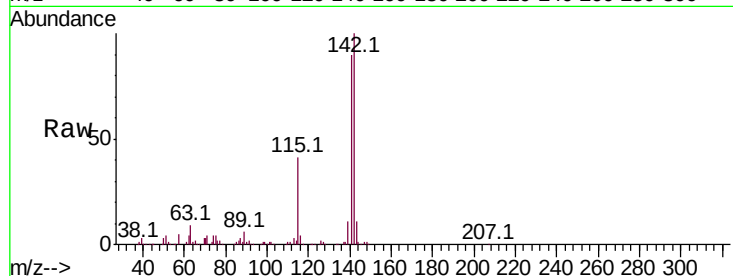
#37
2-Methylnaphthalene
Concen: 42.615 ng
RT: 12.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Instrument :
BNA_G
ClientSampleId :
PB123514BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	89.7	69.0	103.4	
115	41.1	32.8	49.2	

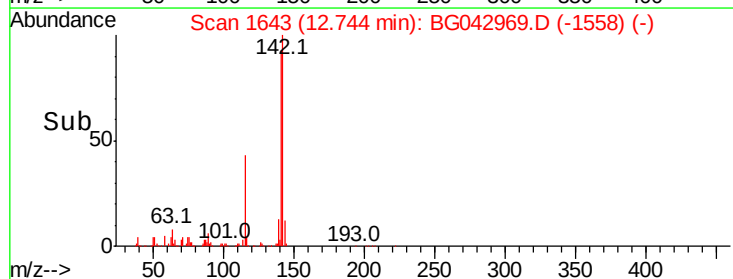
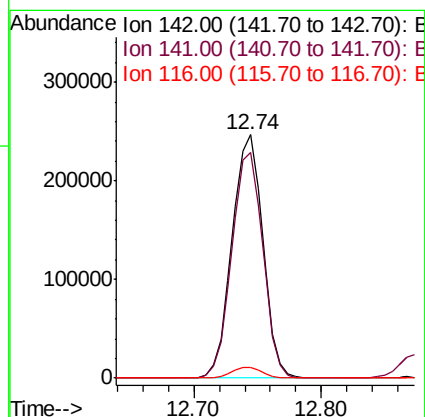
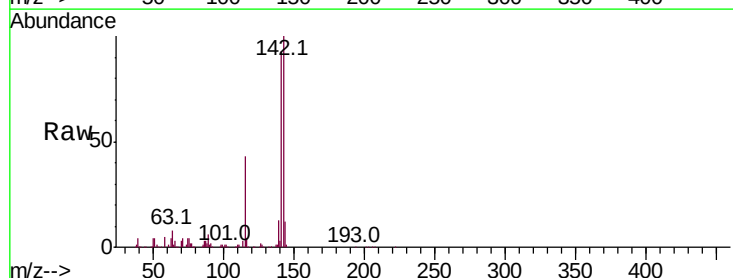
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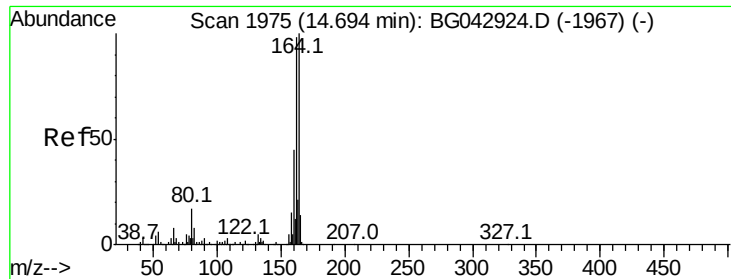
mohammad
10/2/2019 4:00:23 PM



#38
1-Methylnaphthalene
Concen: 42.220 ng
RT: 12.74 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	92.7	74.9	112.3	
116	4.5	3.7	5.5	





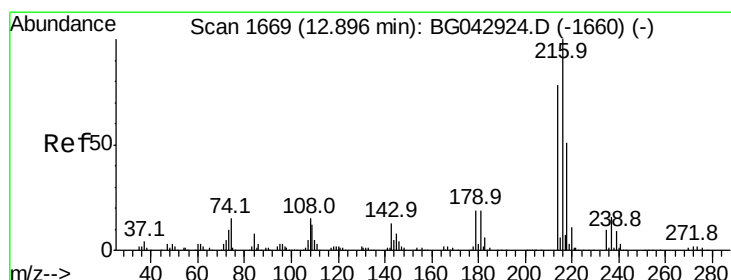
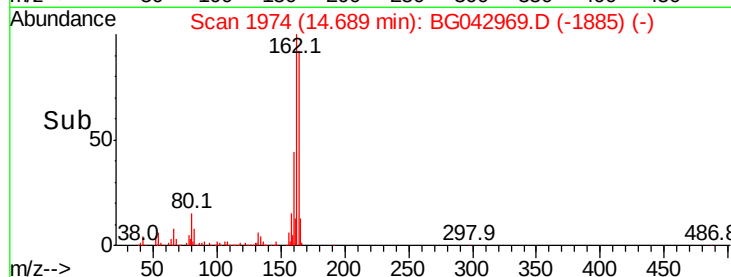
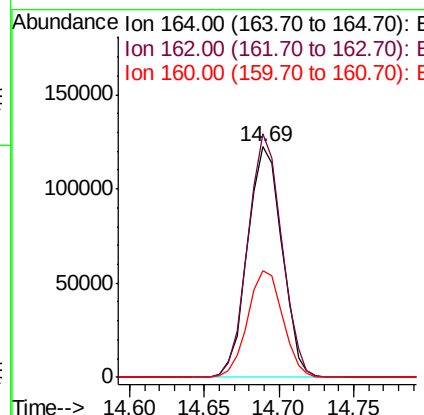
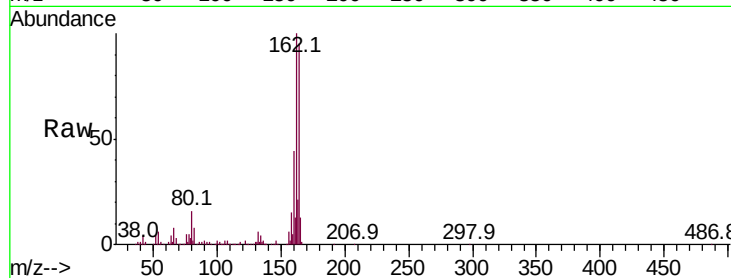
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Instrument :
BNA_G
ClientSampleId :
PB123514BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.5	78.5	117.7
160	46.2	35.9	53.9

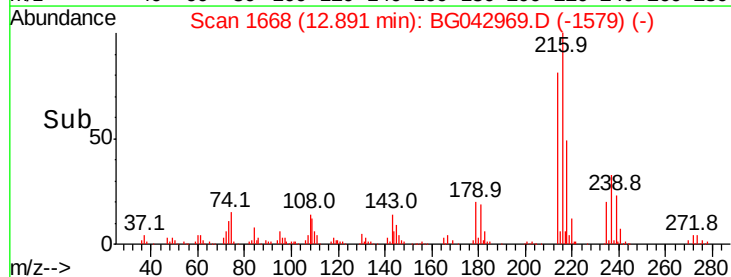
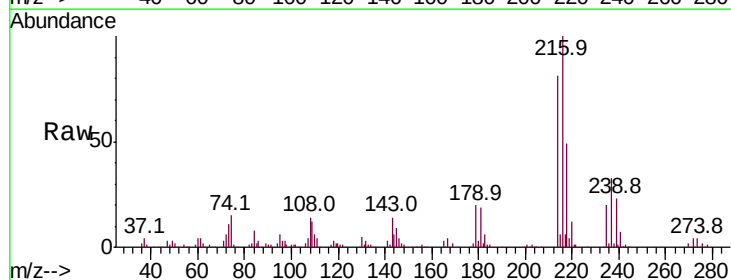
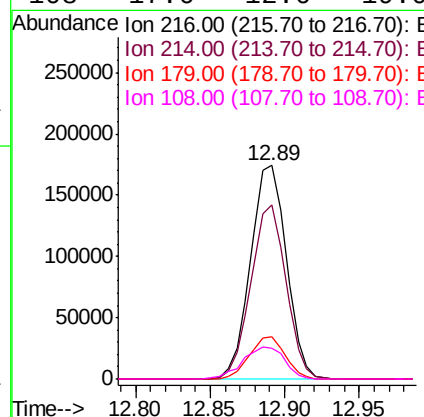
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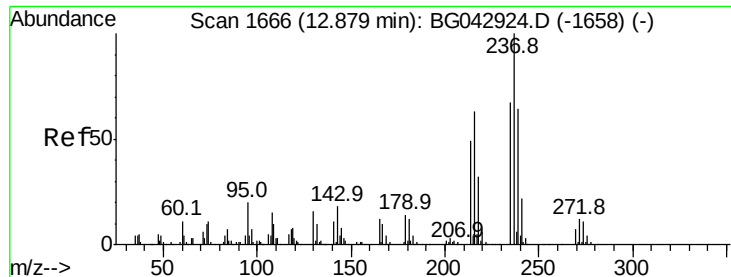
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.289 ng
RT: 12.89 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	62.4	93.6
179	19.8	15.4	23.2
108	17.6	12.6	19.0





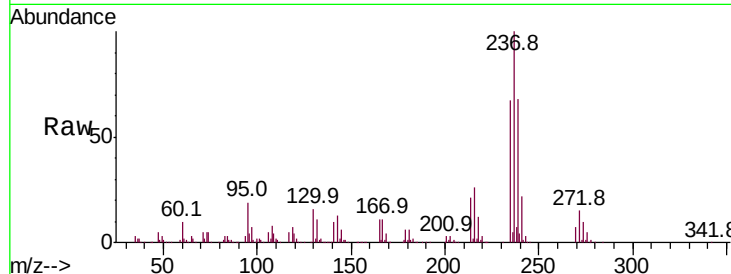
#41
Hexachlorocyclopentadiene
Concen: 81.849 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Instrument :
BNA_G
ClientSampleId :
PB123514BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	67.1	46.7	86.7	
272	14.5	0.0	32.3	

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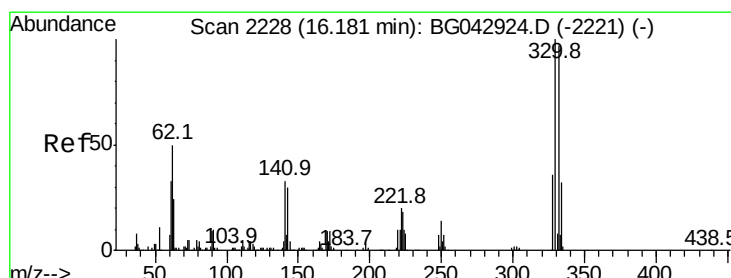
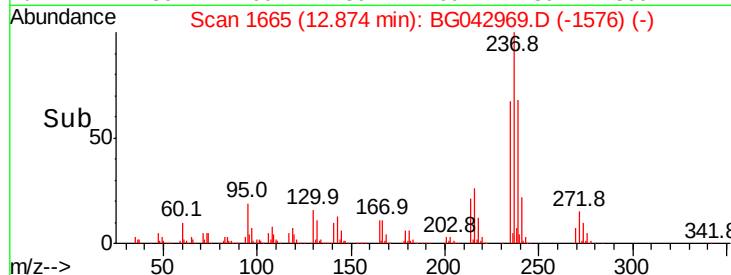
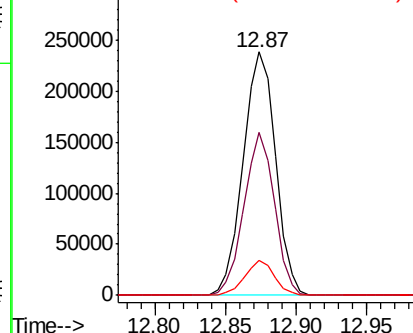


Abundance

Ion 236.80 (236.50 to 237.50): E

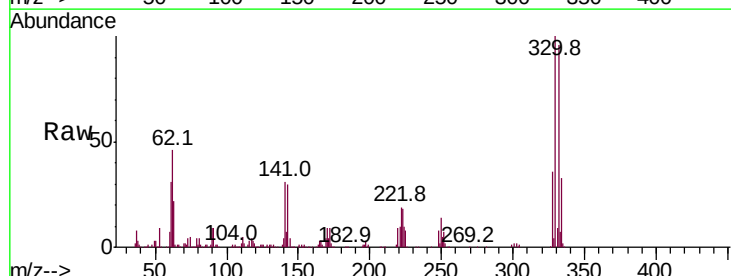
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 111.627 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	78.2	117.2	
141	30.3	26.0	39.0	

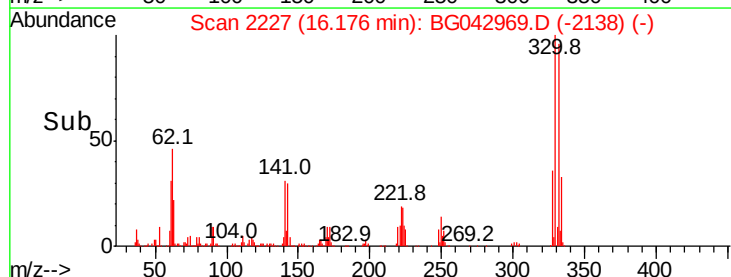
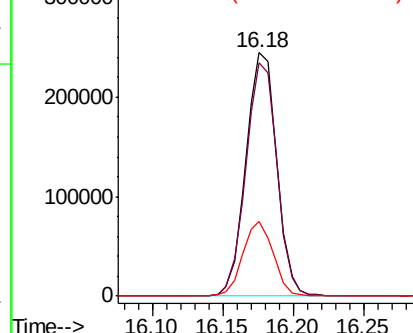


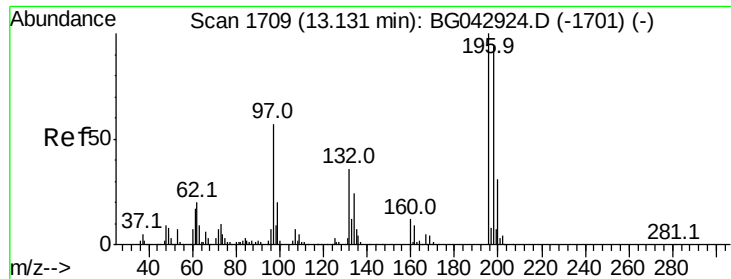
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





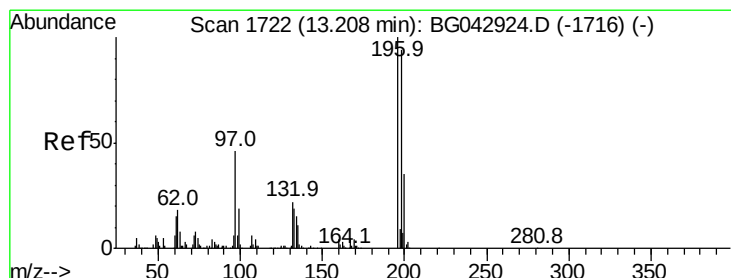
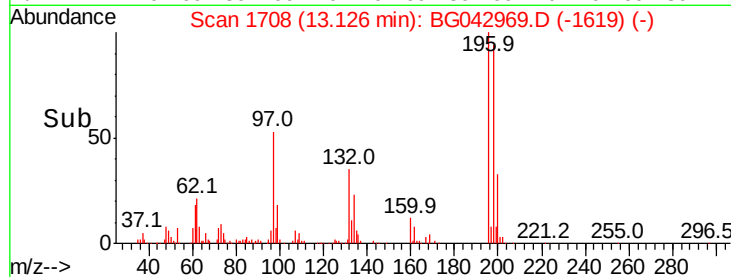
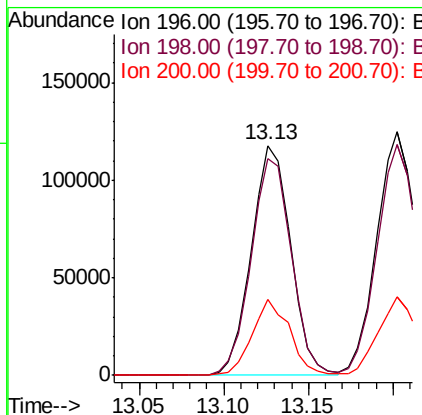
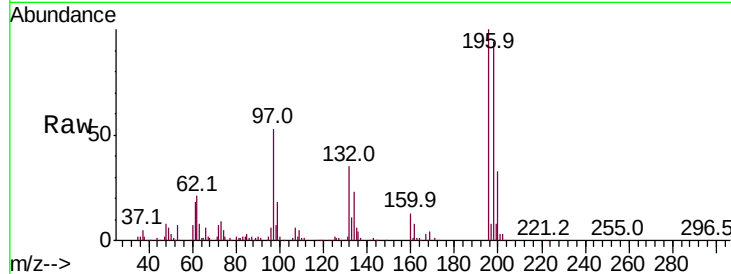
#43
 2,4,6-Trichlorophenol
 Concen: 44.425 ng
 RT: 13.13 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG042969.D
 Acq: 1 Oct 2019 16:26

Instrument :
 BNA_G
 ClientSampleId :
 PB123514BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	191183		
198	94.2	75.5	113.3	
200	32.9	24.9	37.3	

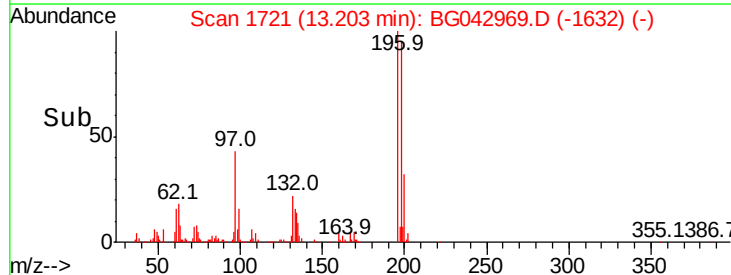
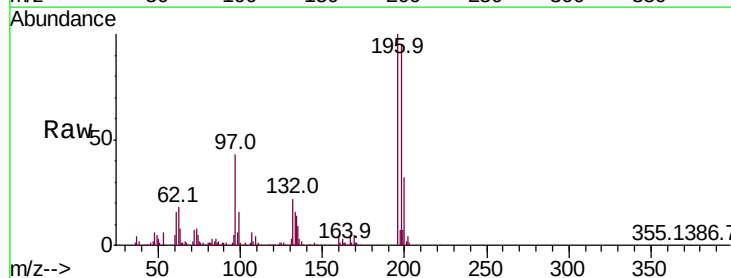
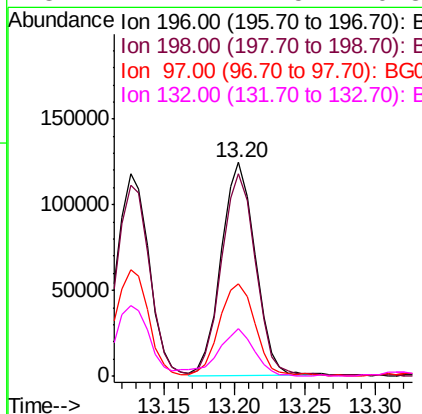
Manual Integrations
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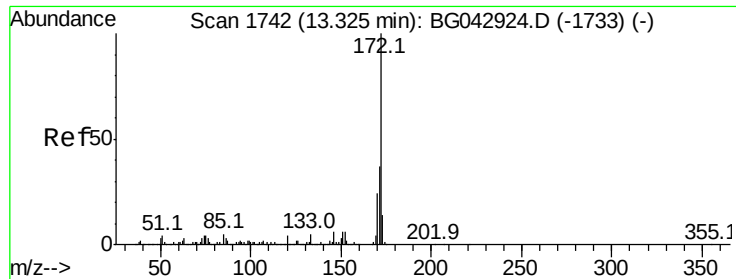
mohammad
 10/2/2019 4:00:23 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.203 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG042969.D
 Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	209263		
198	94.8	75.1	112.7	
97	42.9	37.0	55.4	
132	22.2	17.5	26.3	





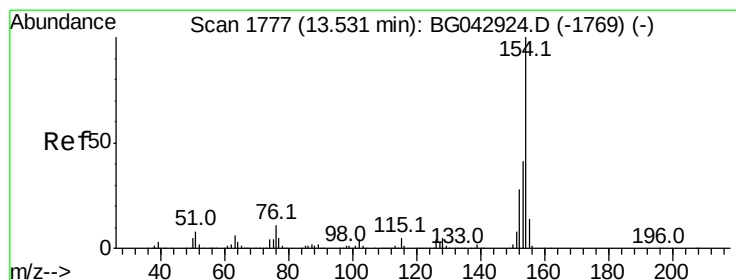
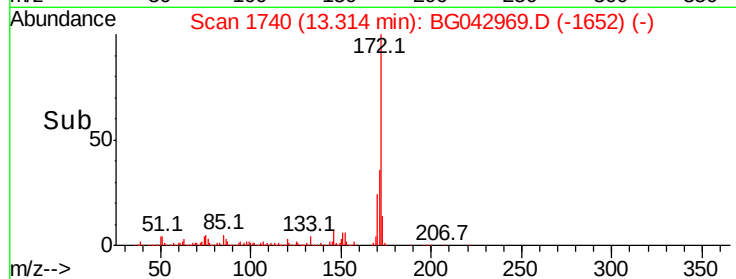
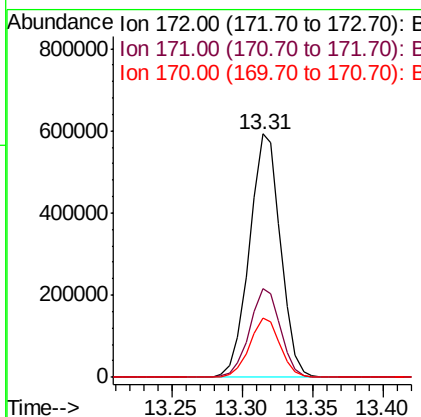
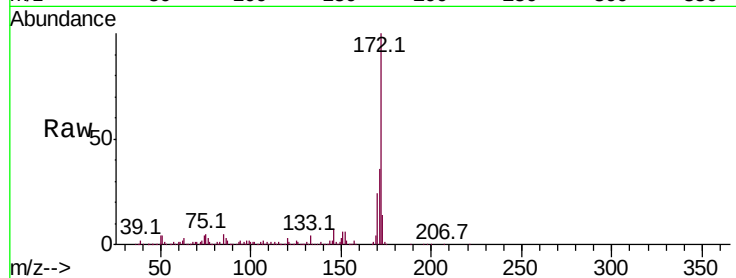
#45
2-Fluorobiphenyl
Concen: 67.882 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Instrument :
BNA_G
ClientSampleId :
PB123514BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.4	19.6	29.4

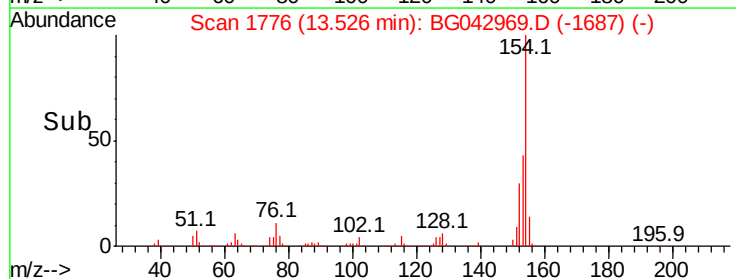
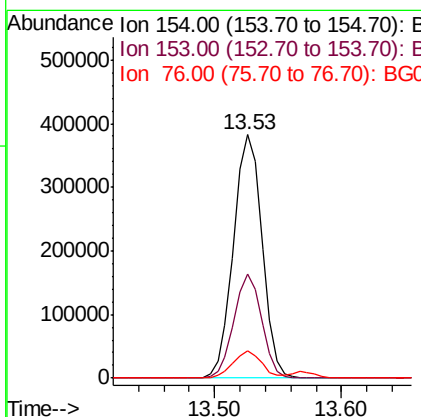
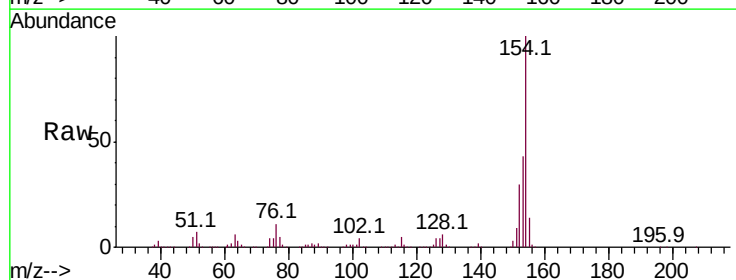
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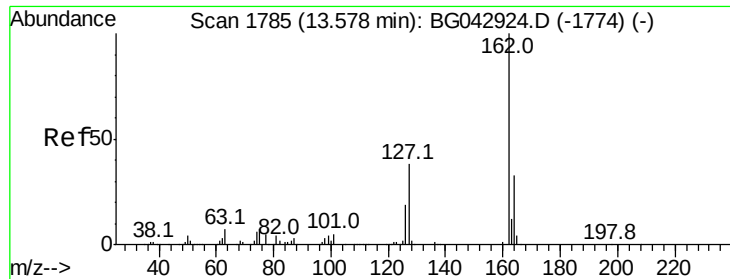
mohammad
10/2/2019 4:00:23 PM



#46
1,1'-Biphenyl
Concen: 40.160 ng
RT: 13.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	21.4	61.4
76	11.4	0.0	31.3





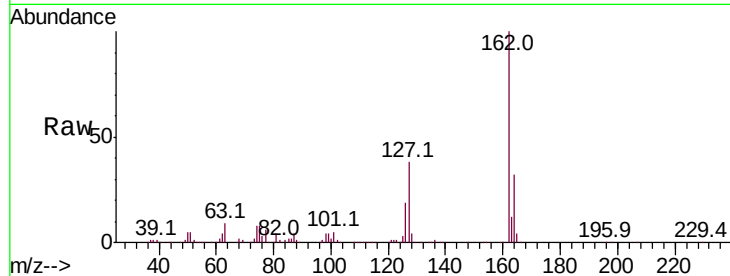
#47
2-Chloronaphthalene
Concen: 42.370 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Instrument :
BNA_G
ClientSampleId :
PB123514BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	31.0	46.6
164	32.5	26.2	39.2

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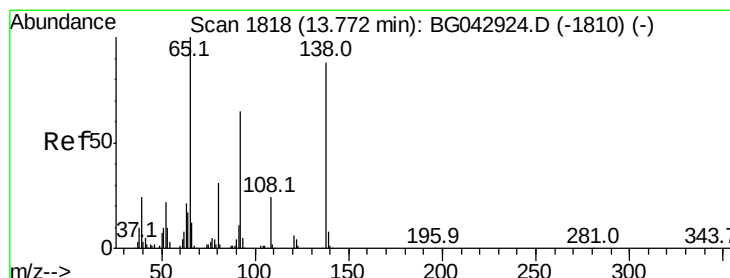
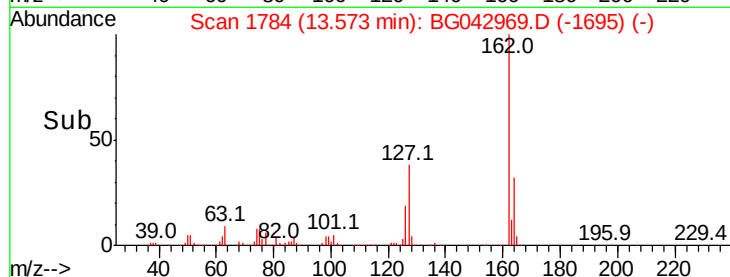
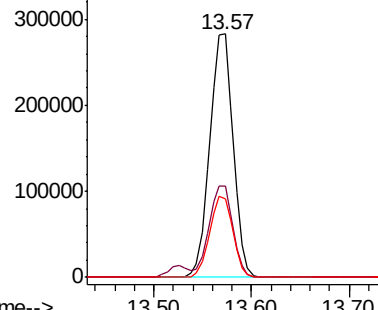


Abundance

Ion 162.00 (161.70 to 162.70): E

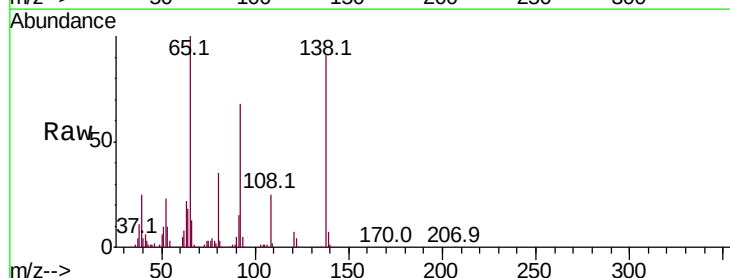
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 42.053 ng
RT: 13.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	52.0	78.0
138	90.7	70.4	105.6

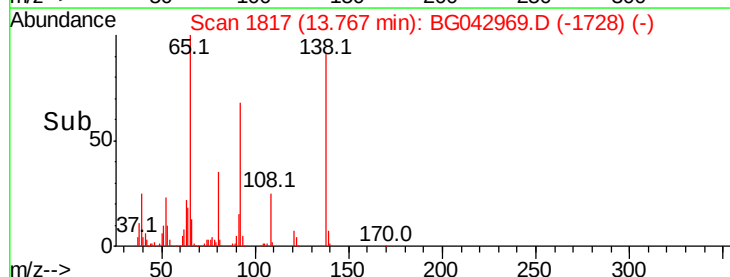
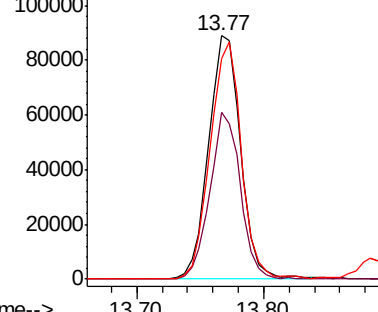


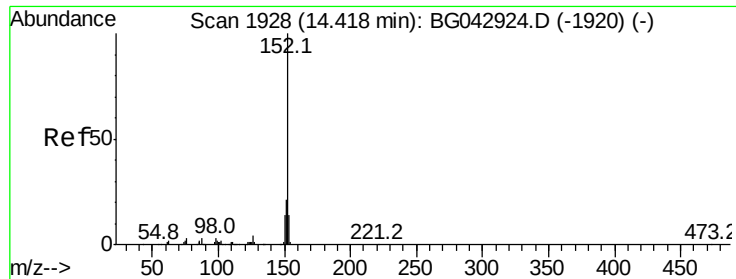
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.210 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Instrument :

BNA_G

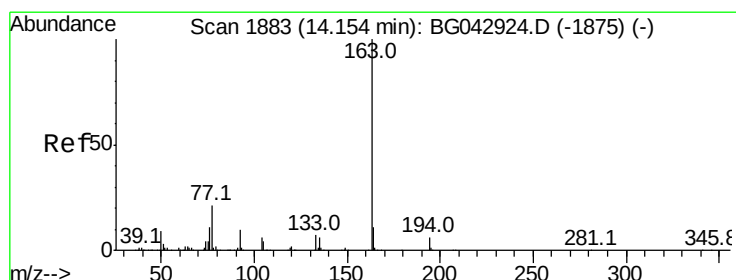
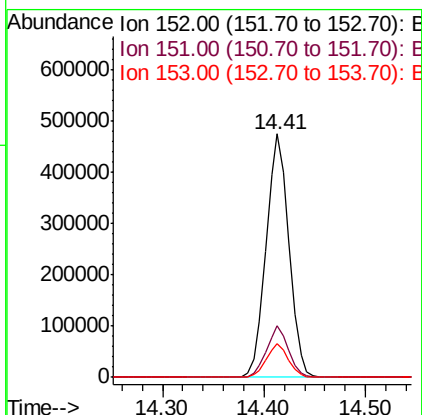
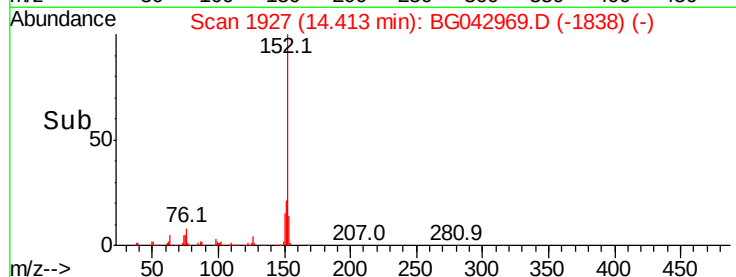
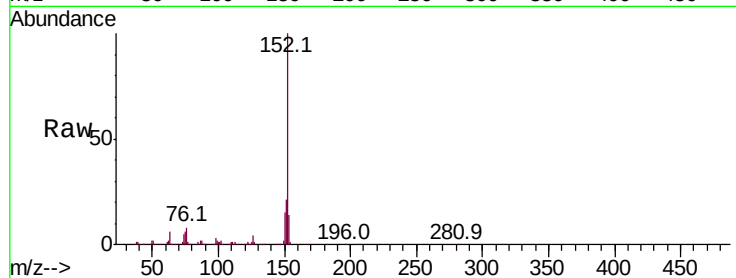
ClientSampleId :

PB123514BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	13.6	11.3	16.9

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#50

Dimethylphthalate

Concen: 41.152 ng

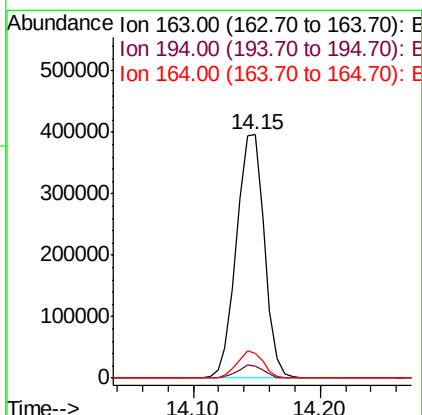
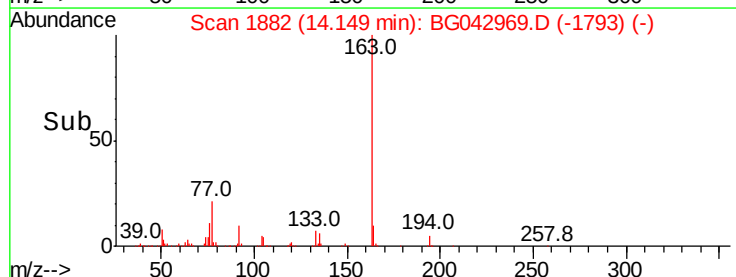
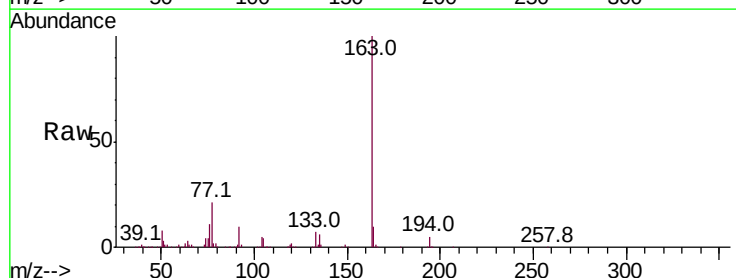
RT: 14.15 min Scan# 1882

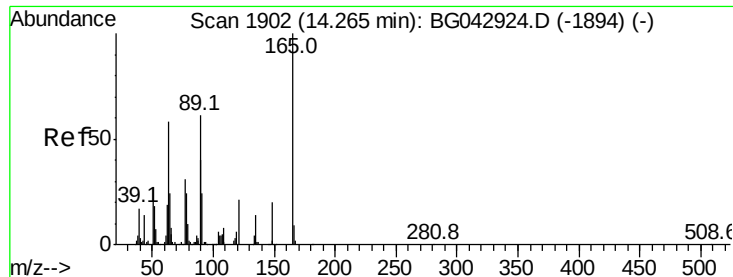
Delta R.T. -0.00 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.4	6.6
164	10.1	8.6	12.8





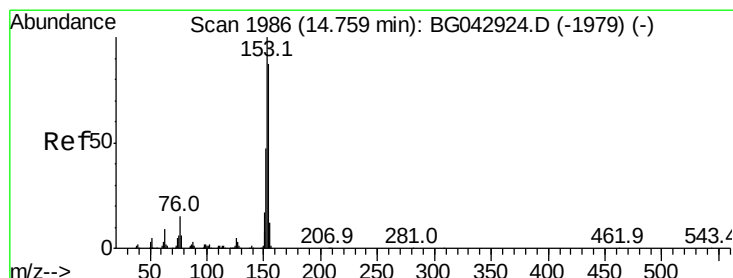
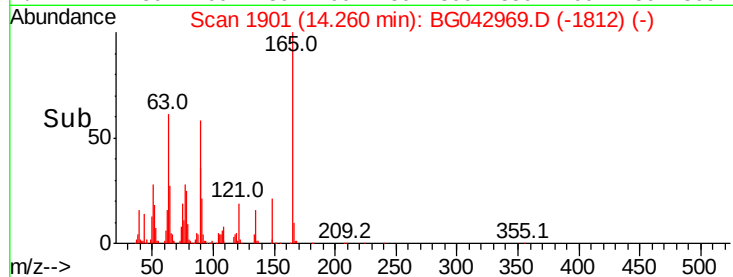
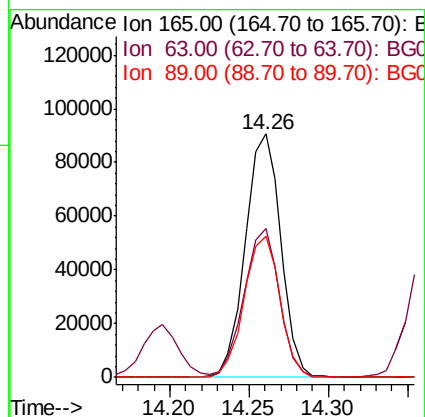
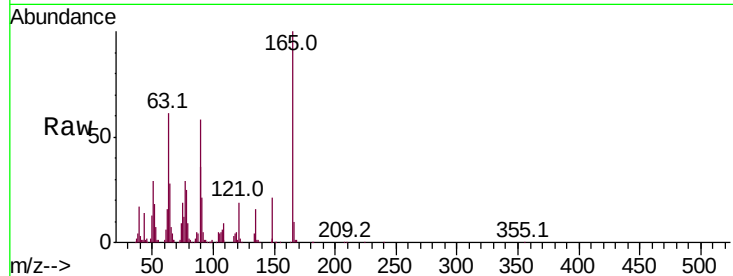
#51
 2,6-Dinitrotoluene
 Concen: 45.184 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BG042969.D
 Acq: 1 Oct 2019 16:26

Instrument :
 BNA_G
 ClientSampleId :
 PB123514BS

Tot Ion:	165	Resp:	140986
Ion Ratio	Lower	Upper	
165	100		
63	61.3	50.3	75.5
89	58.1	48.9	73.3

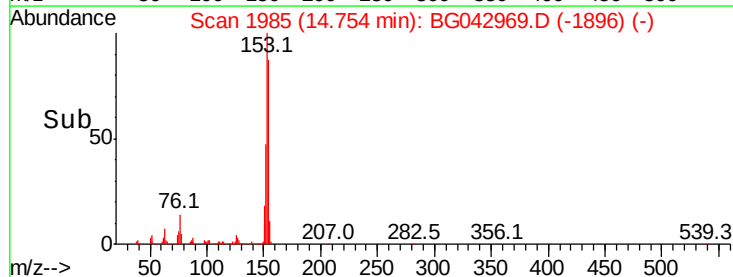
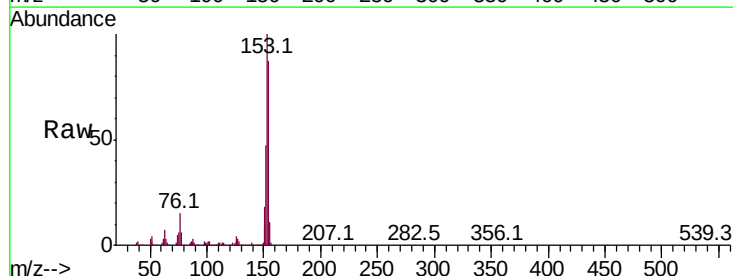
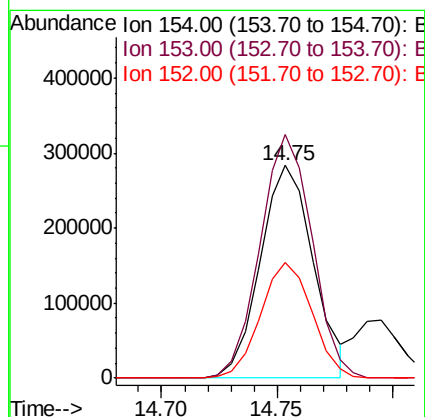
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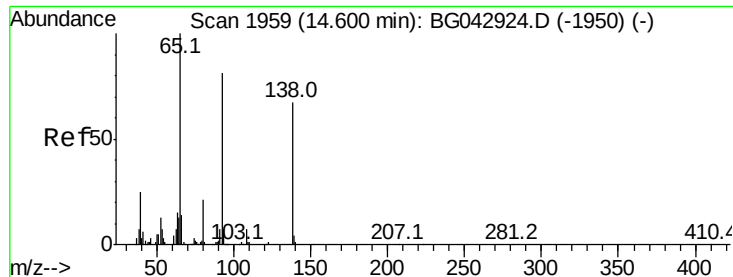
mohammad
 10/2/2019 4:00:23 PM



#52
 Acenaphthene
 Concen: 39.576 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG042969.D
 Acq: 1 Oct 2019 16:26

Tgt Ion:	154	Resp:	450681
Ion Ratio	Lower	Upper	
154	100		
153	114.4	91.4	137.0
152	54.3	42.8	64.2





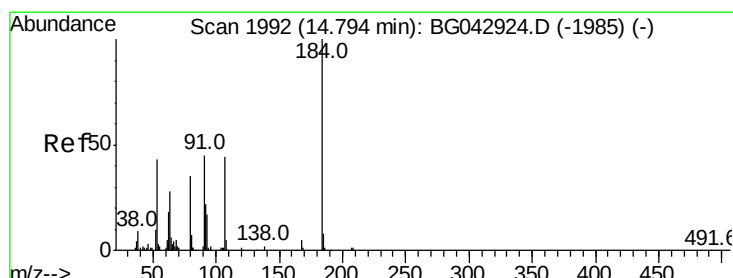
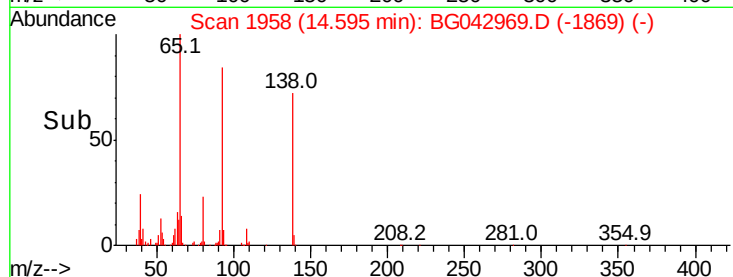
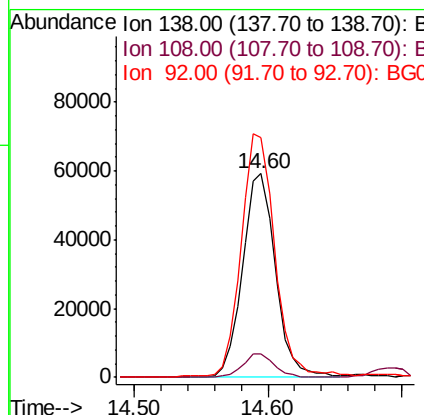
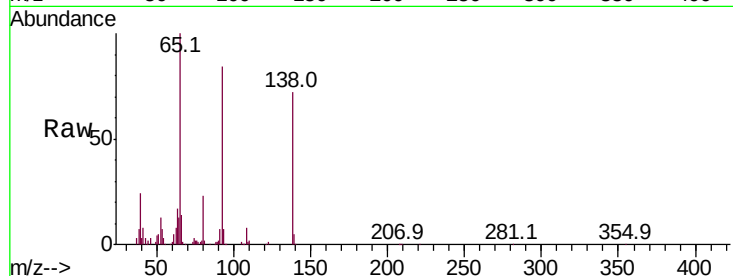
#53
3-Nitroaniline
Concen: 31.287 ng
RT: 14.60 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Instrument :
BNA_G
ClientSampleId :
PB123514BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	7.9	11.9
92	117.8	97.0	145.6

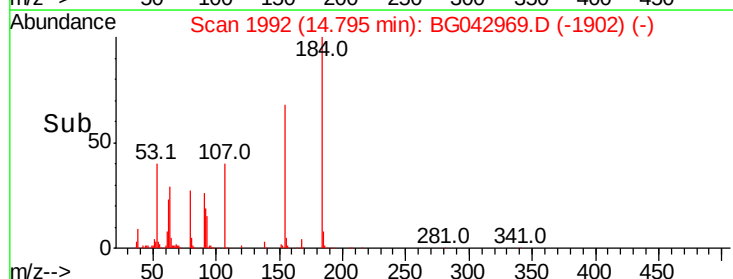
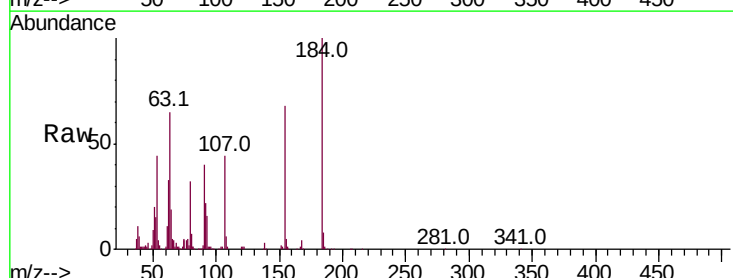
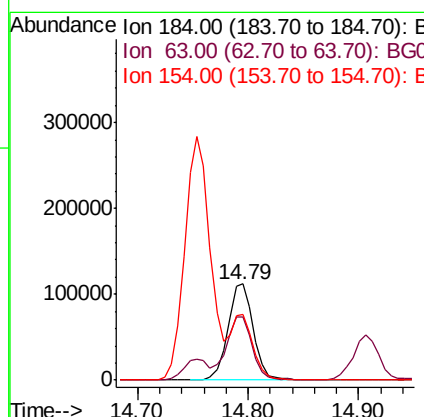
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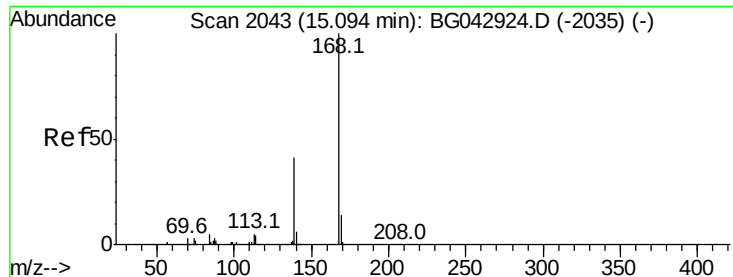
mohammad
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#54
2,4-Dinitrophenol
Concen: 92.797 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.3	55.0	82.6
154	68.3	56.5	84.7





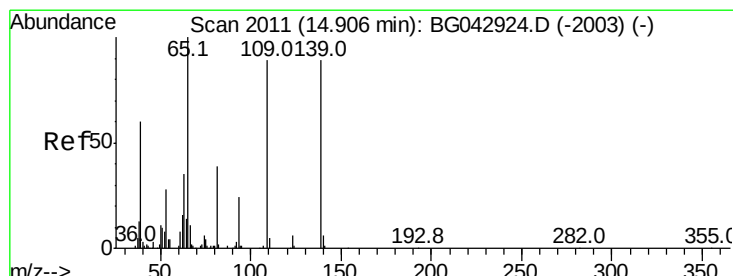
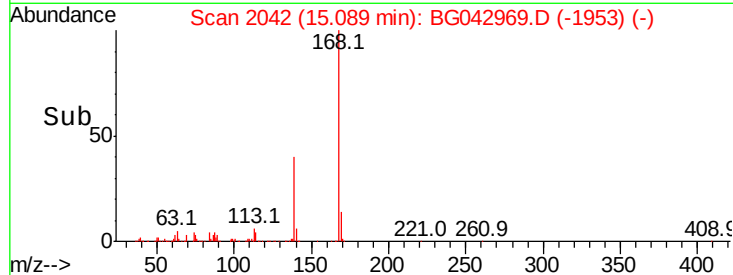
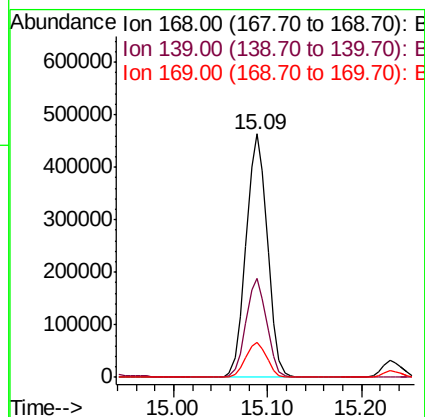
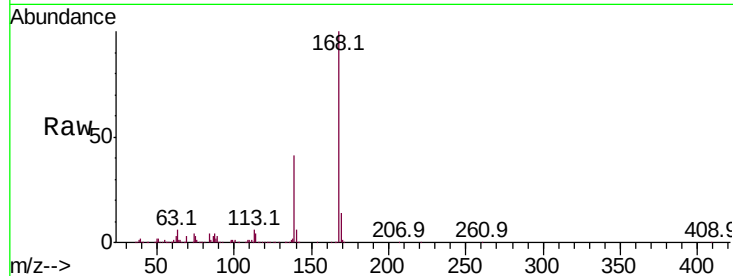
#55
Dibenzofuran
Concen: 43.113 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Instrument :
BNA_G
ClientSampleId :
PB123514BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.6	32.6	48.8	
169	14.3	11.2	16.8	

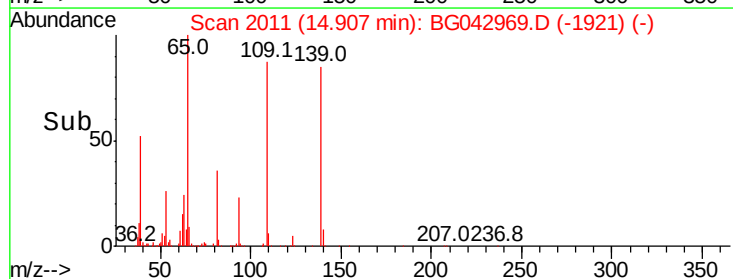
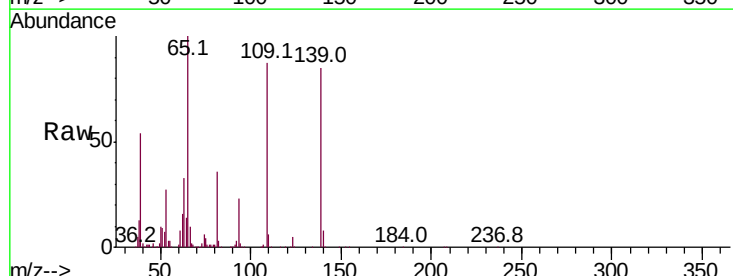
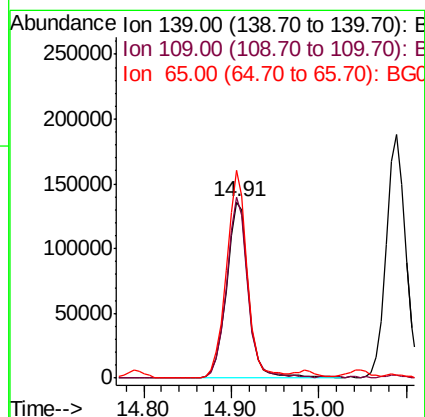
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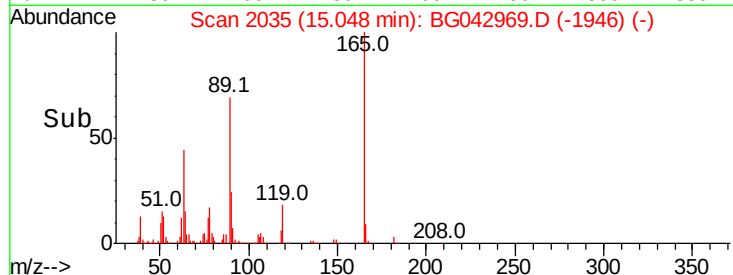
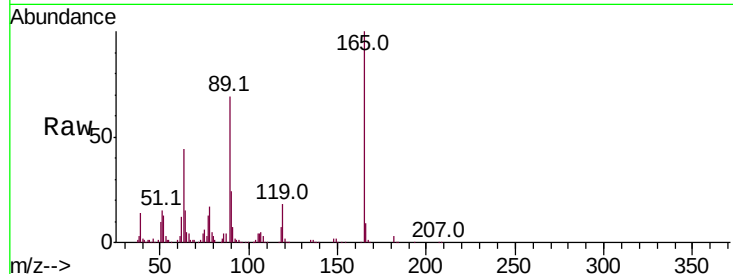
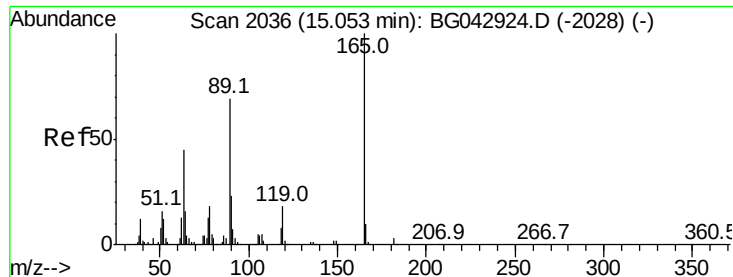
mohammad
10/2/2019 4:00:23 PM



#56
4-Nitrophenol
Concen: 95.945 ng
RT: 14.91 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	102.6	79.4	119.4	
65	117.9	92.5	132.5	





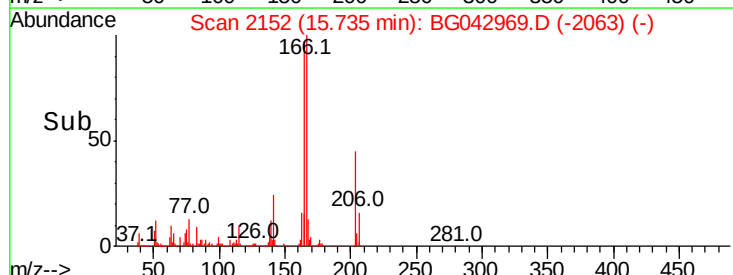
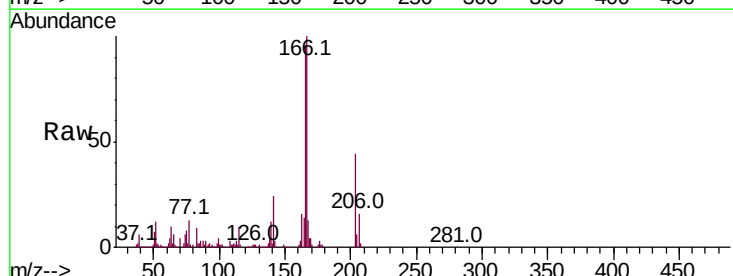
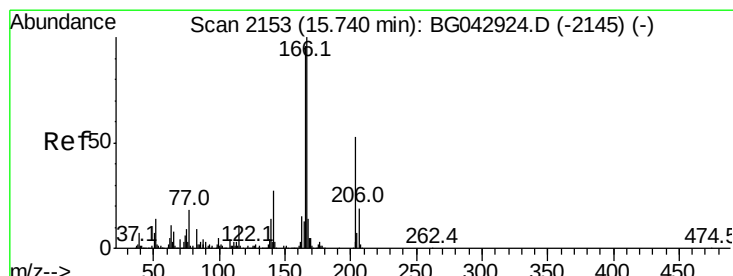
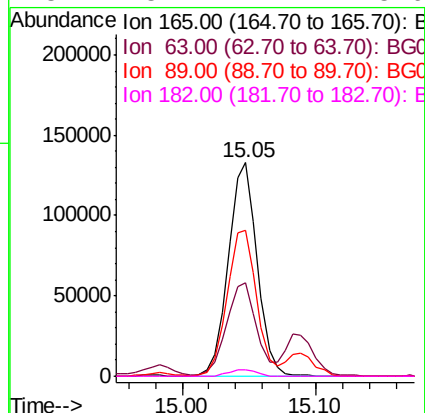
#57
2,4-Dinitrotoluene
Concen: 43.905 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tot Ion	Ratio	Resp	Lower	Upper
165	100	200617		
63	43.7		36.5	54.7
89	68.6		55.5	83.3
182	3.1		2.4	3.6

Instrument :
BNA_G
ClientSampleId :
PB123514BS

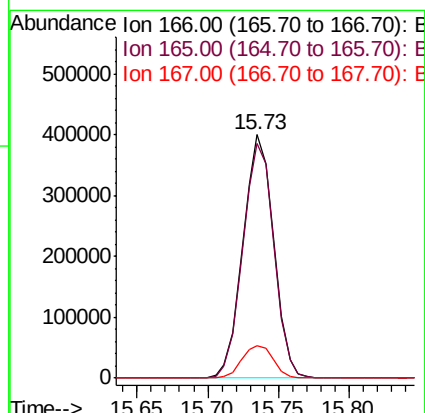
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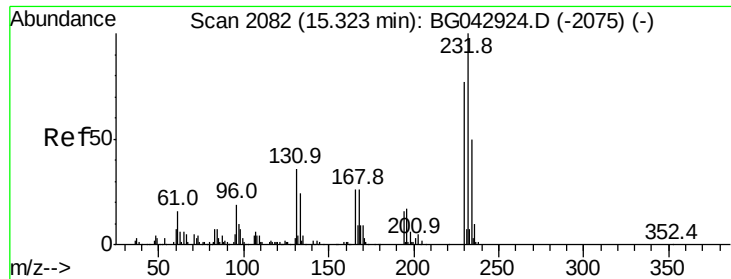
mohammad
10/2/2019 4:00:23 PM



#58
Fluorene
Concen: 42.393 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	609690		
165	96.2		77.1	115.7
167	13.4		11.0	16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.366 ng

RT: 15.31 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Instrument :

BNA_G

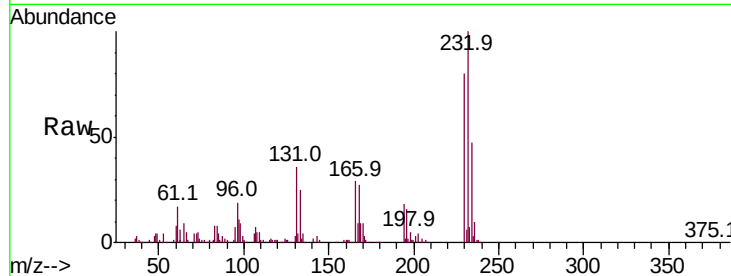
ClientSampleId :

PB123514BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	209421		
131	37.4		29.6	44.4
130	2.4		1.9	2.9
166	27.7		21.8	32.8

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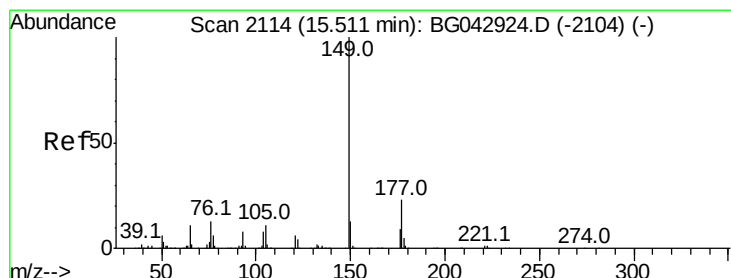
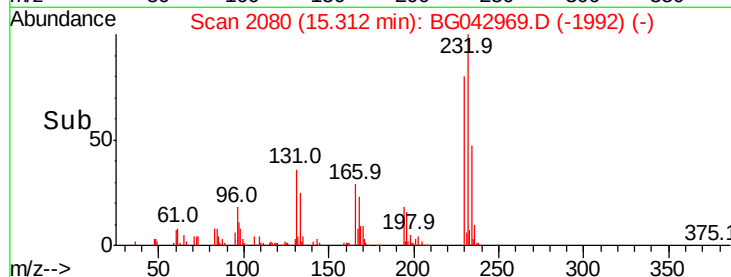
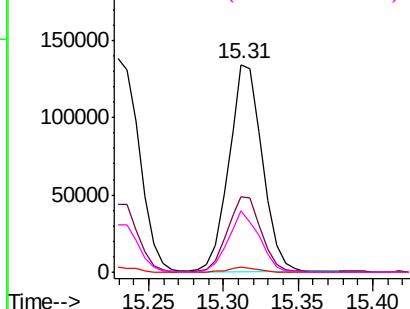
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.800 ng

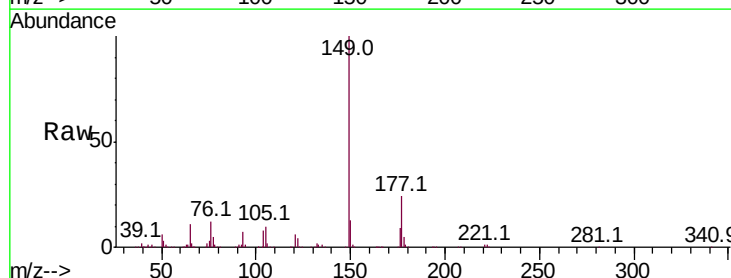
RT: 15.51 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	608395		
177	23.8		18.8	28.2
150	12.9		10.6	15.8

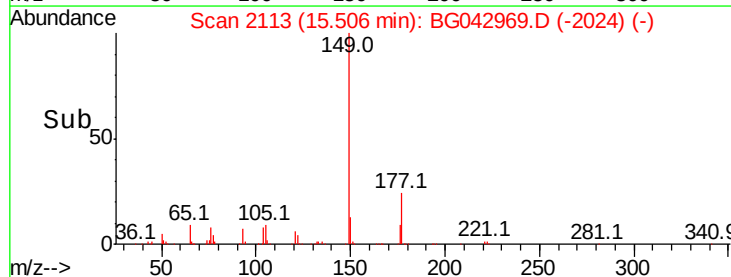
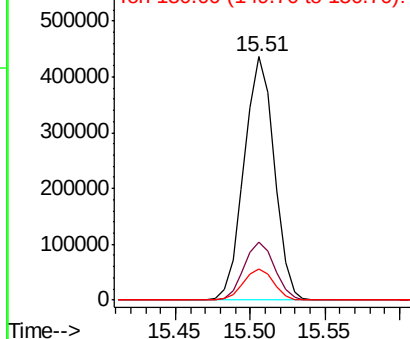


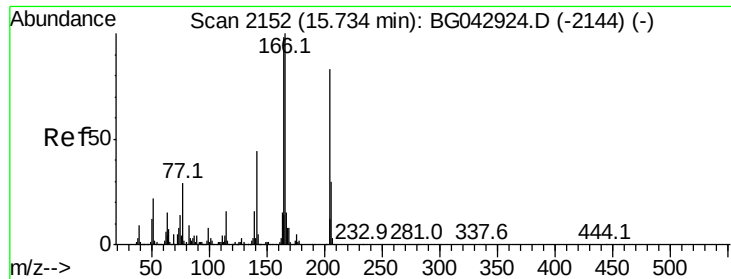
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





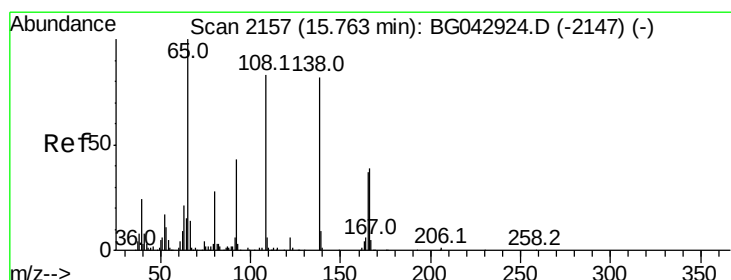
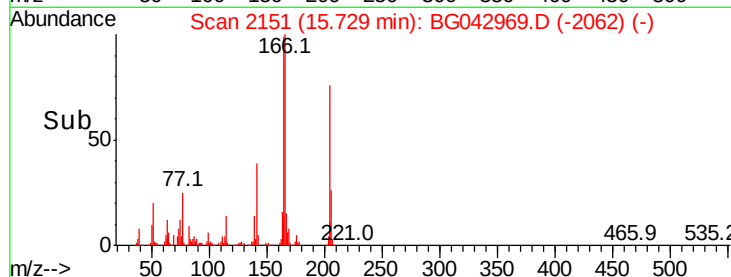
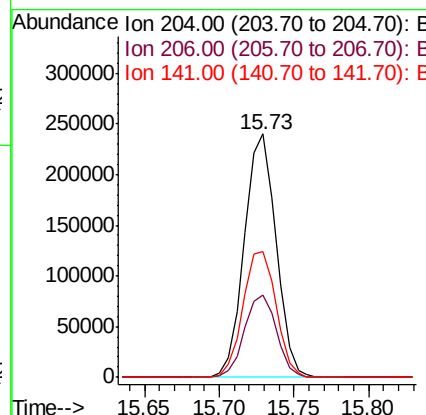
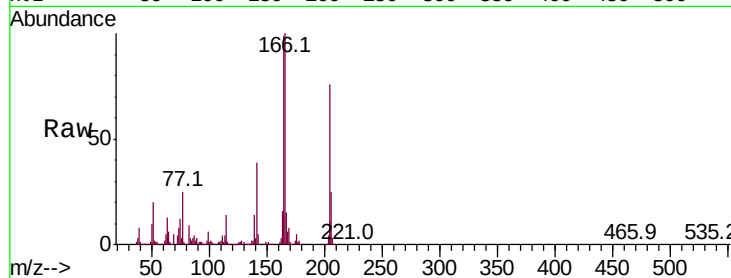
#61
4-Chlorophenyl-phenylether
Concen: 40.857 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Instrument :
BNA_G
ClientSampleId :
PB123514BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	28.5	42.7
141	51.5	42.4	63.6

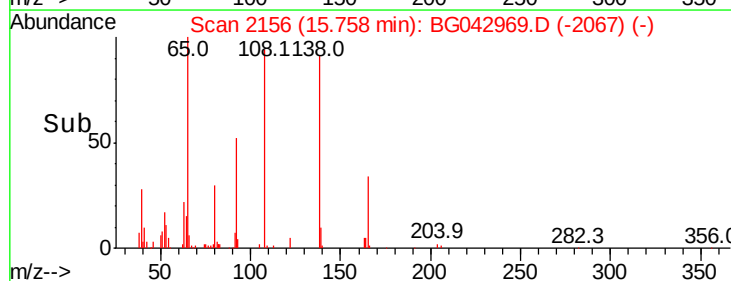
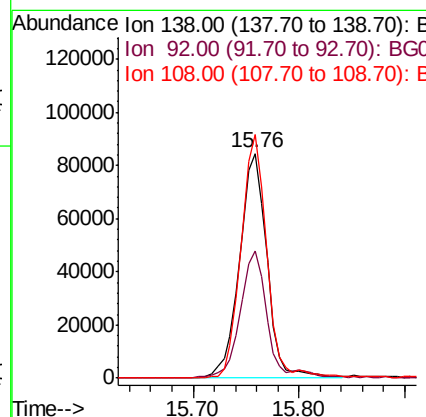
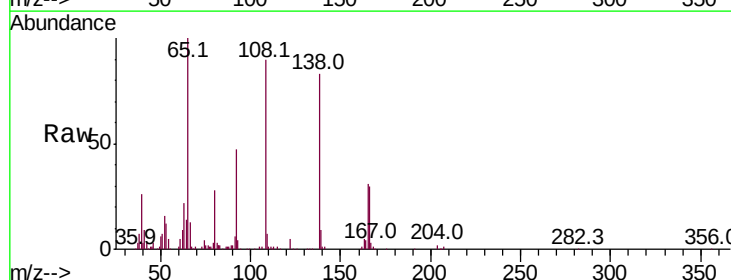
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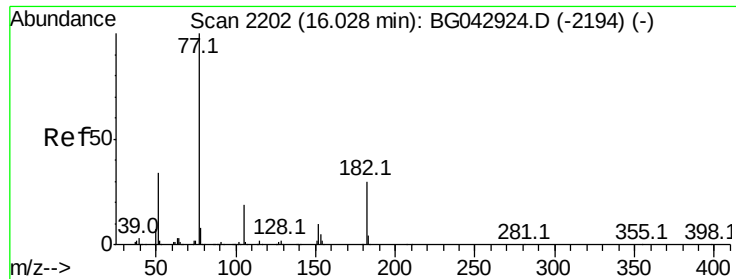
mohammad
10/2/2019 4:00:23 PM



#62
4-Nitroaniline
Concen: 43.331 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.4	32.9	72.9
108	108.4	81.3	121.3





#63

Azobenzene

Concen: 41.163 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Instrument :

BNA_G

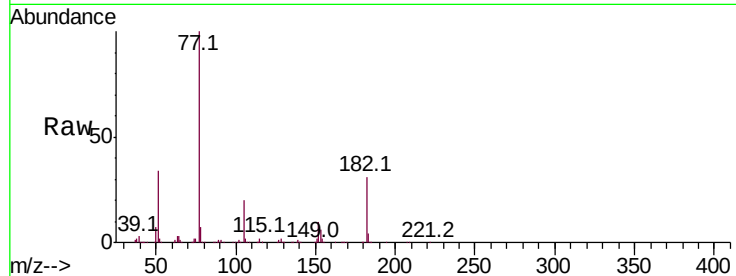
ClientSampleId :

PB123514BS

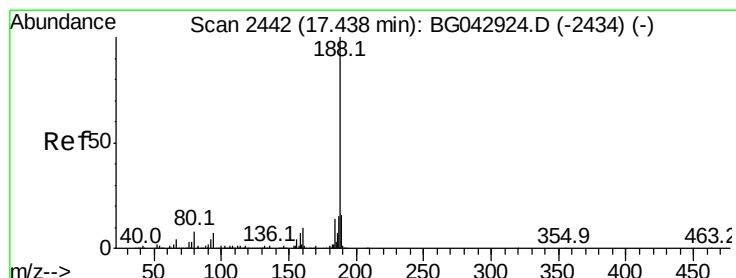
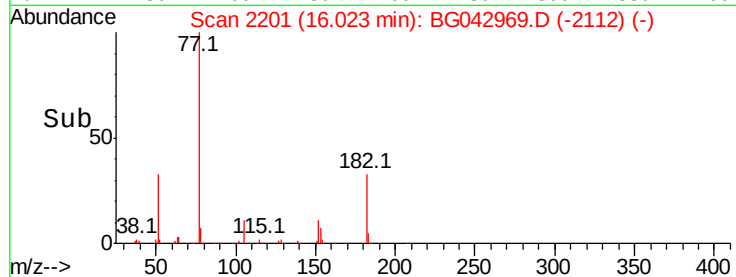
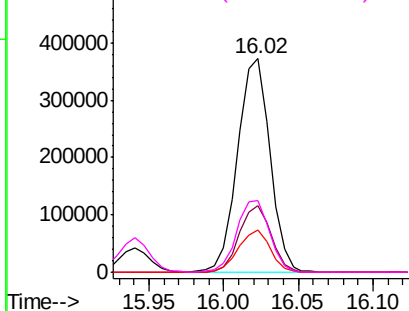
Tot Ion:	77	Resp:	558824
Ion Ratio	Lower	Upper	
77	100		
182	31.1	10.2	50.2
105	19.6	0.0	39.1
51	33.7	13.9	53.9

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



#64

Phenanthrene-d10

Concen: 20.000 ng

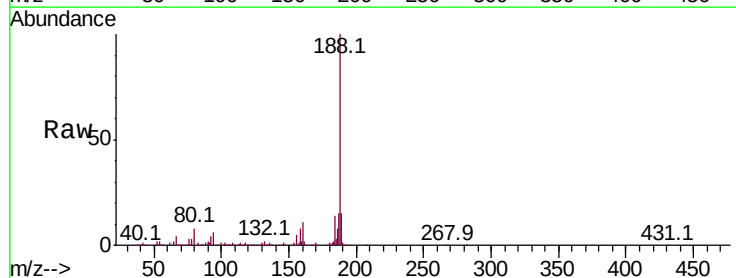
RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

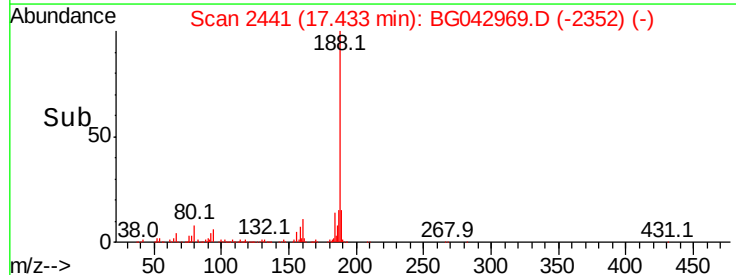
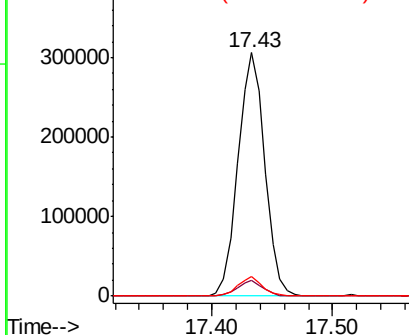
Lab File: BG042969.D

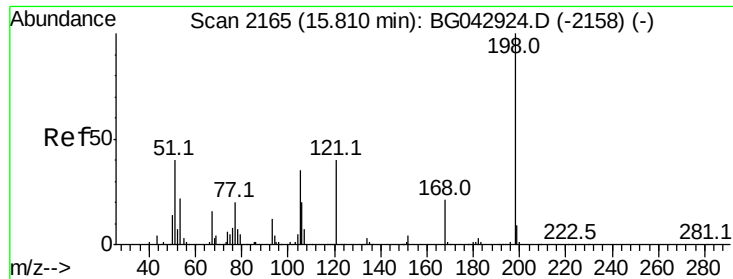
Acq: 1 Oct 2019 16:26

Tgt Ion:	188	Resp:	473815
Ion Ratio	Lower	Upper	
188	100		
94	6.2	5.7	8.5
80	8.0	6.5	9.7



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





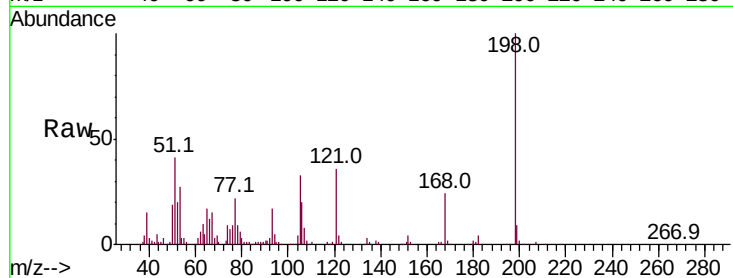
#65
4,6-Dinitro-2-methylphenol
Concen: 48.269 ng
RT: 15.81 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Instrument :
BNA_G
ClientSampleId :
PB123514BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	129418		
51	41.0	25.3	65.3	
105	32.9	16.6	56.6	

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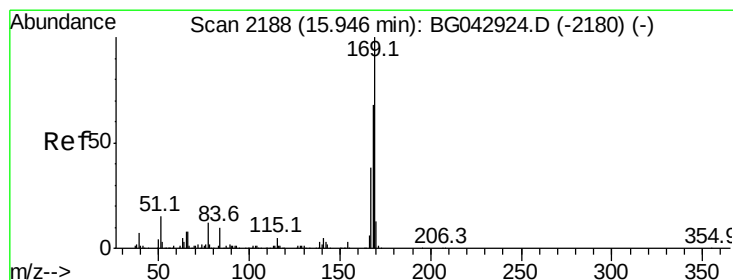
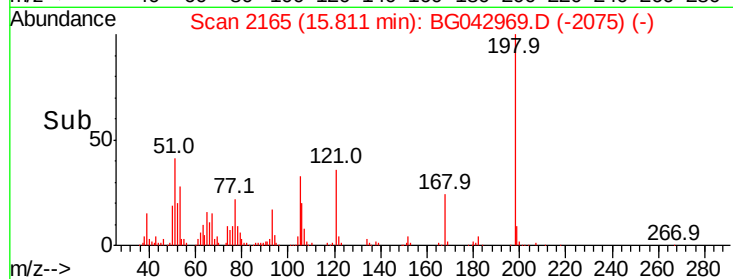
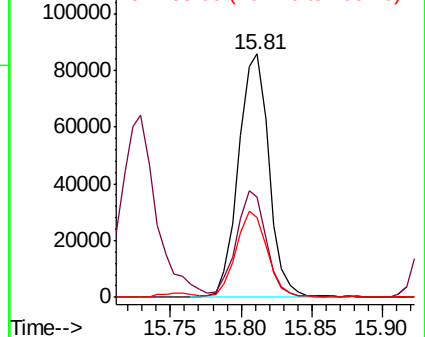


Abundance

Ion 198.00 (197.70 to 198.70): E

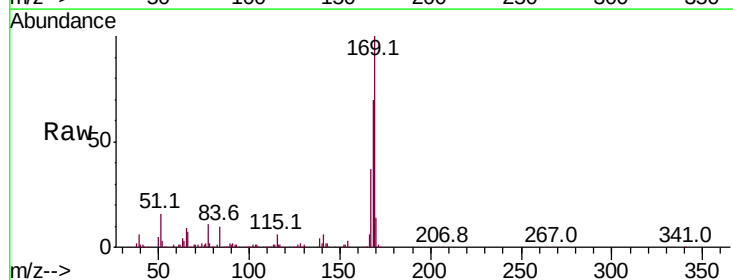
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 44.090 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	551479		
168	69.7	54.8	82.2	
167	37.4	30.6	46.0	

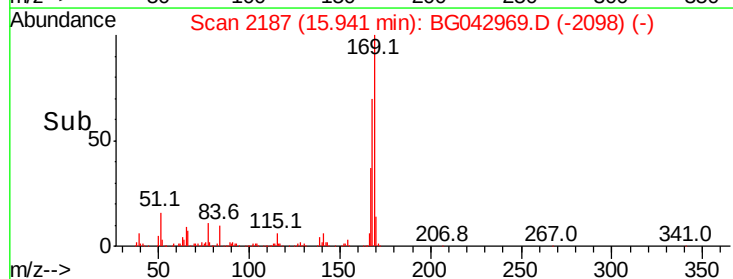
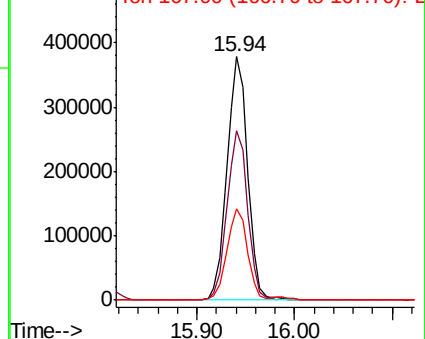


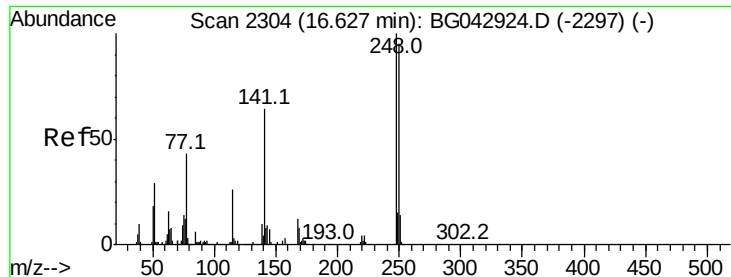
Abundance

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





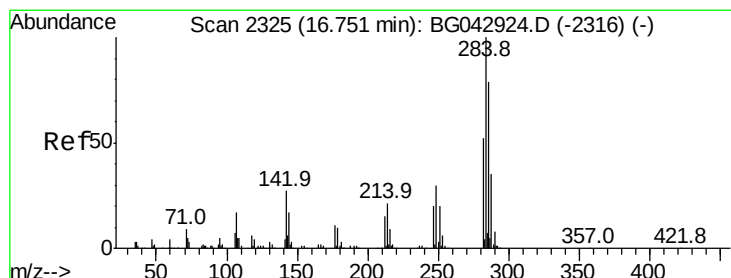
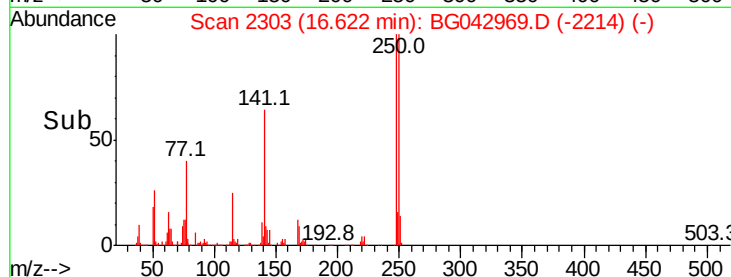
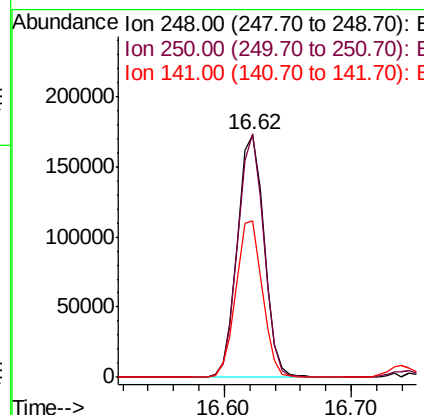
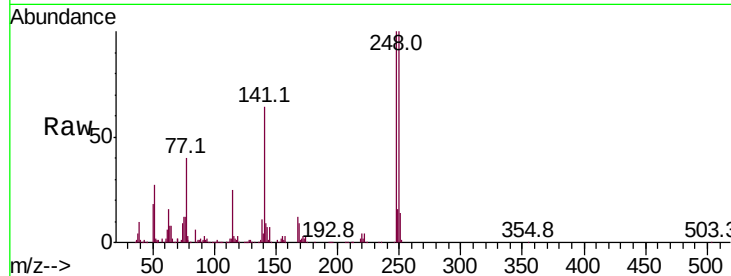
#67
4-Bromophenyl-phenylether
Concen: 42.258 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Instrument :
BNA_G
ClientSampleId :
PB123514BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.5	75.8	113.8
141	64.8	51.1	76.7

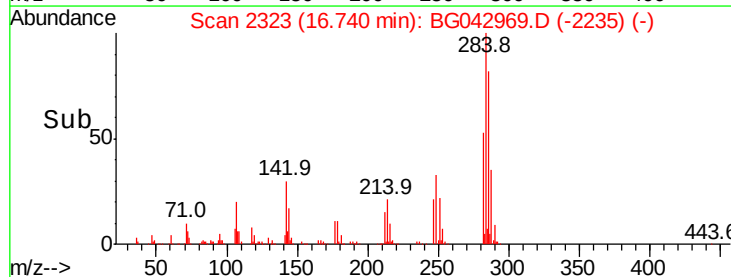
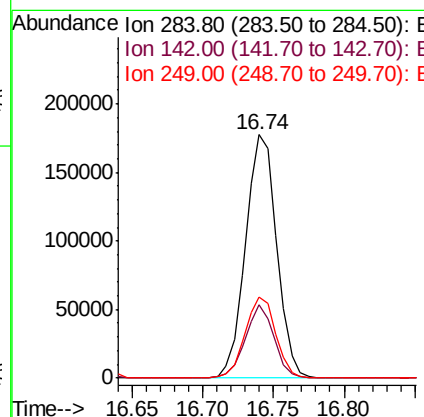
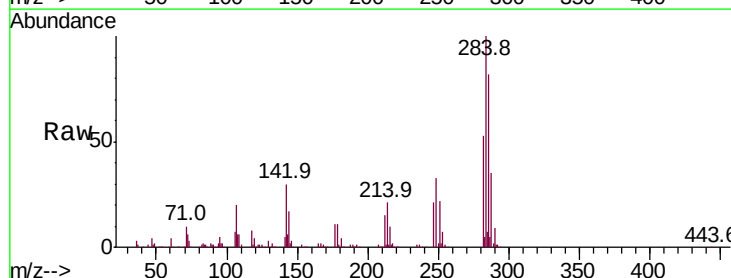
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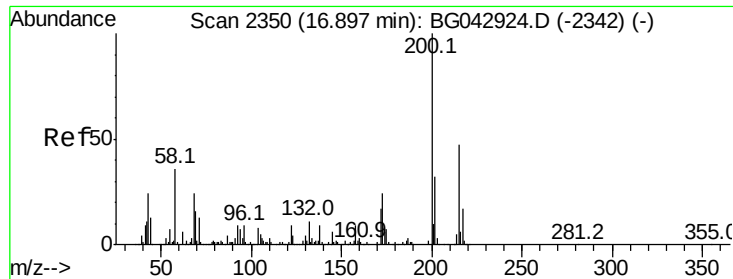
mohammad
10/2/2019 4:00:23 PM



#68
Hexachlorobenzene
Concen: 41.423 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.2	21.6	32.4
249	33.2	24.1	36.1





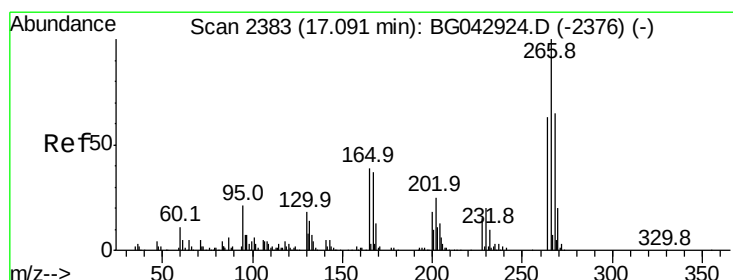
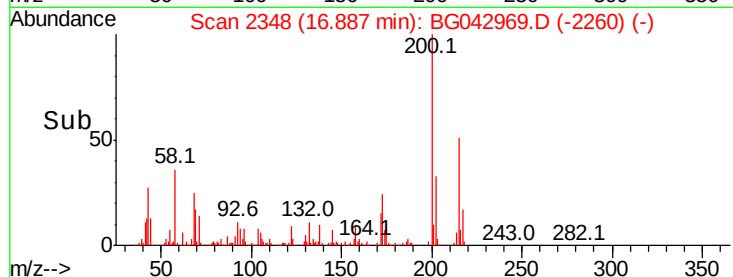
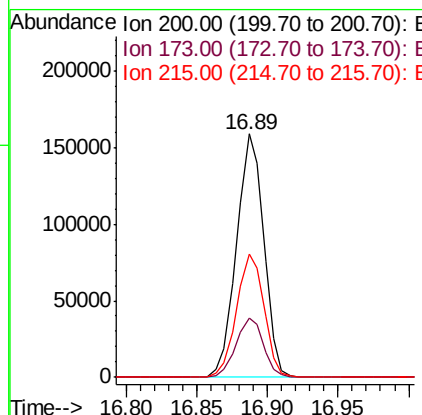
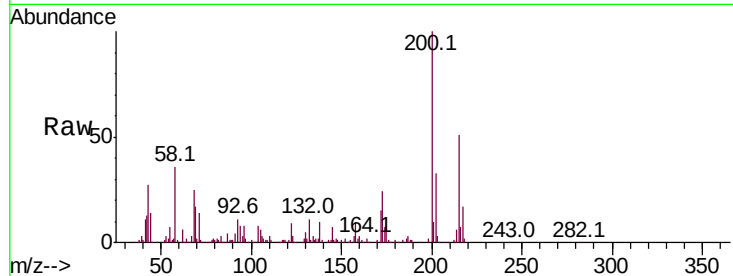
#69
Atrazine
Concen: 40.621 ng
RT: 16.89 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Instrument :
BNA_G
ClientSampleId :
PB123514BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.4	4.0	44.0
215	50.7	27.4	67.4

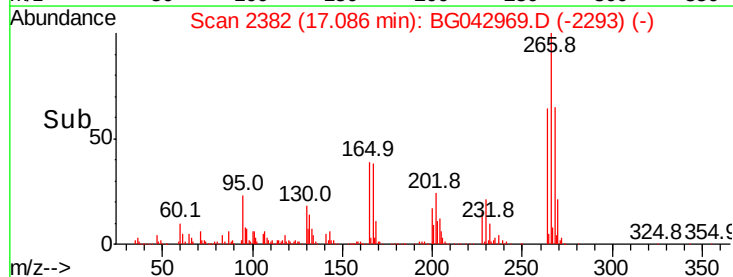
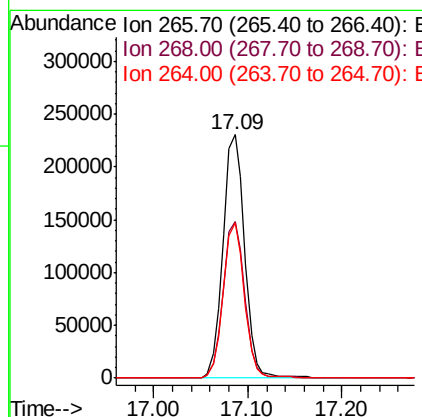
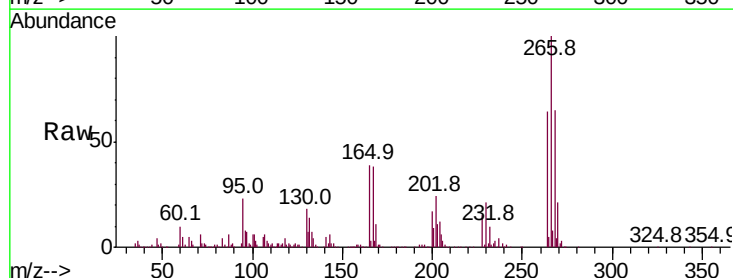
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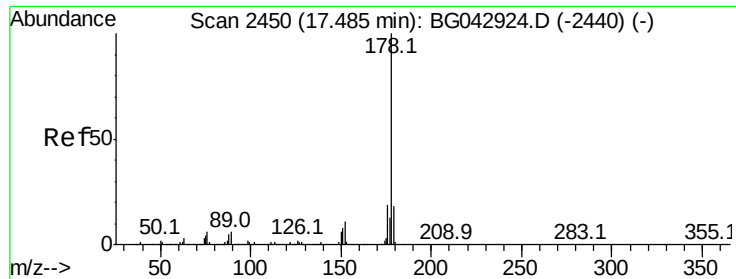
mohammad
10/2/2019 4:00:23 PM



#70
Pentachlorophenol
Concen: 97.435 ng
RT: 17.09 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.6	52.2	78.2
264	63.7	50.7	76.1





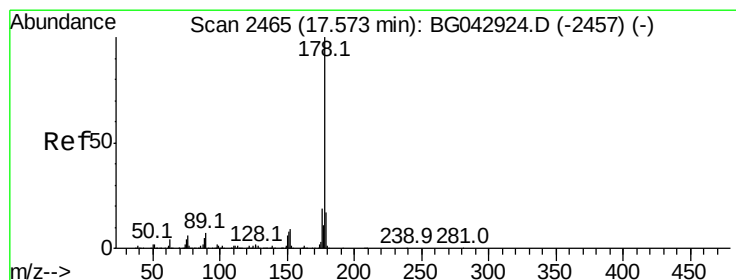
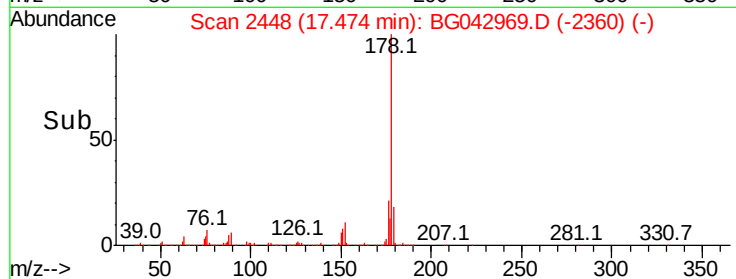
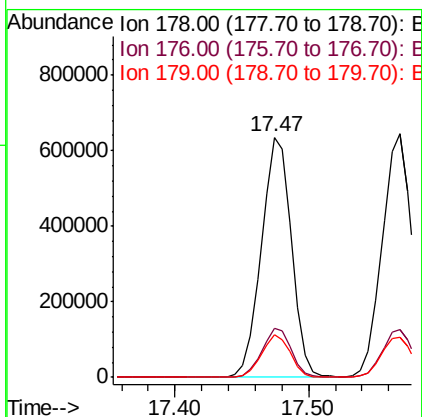
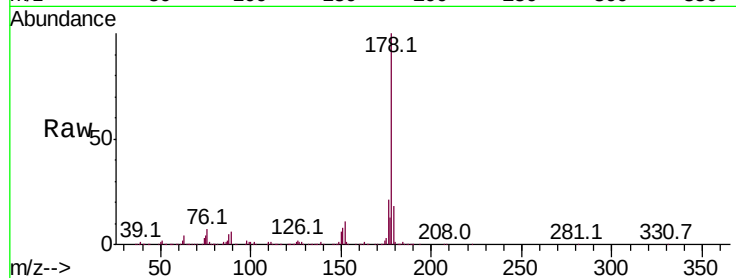
#71
Phenanthrene
Concen: 42.868 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Instrument :
BNA_G
ClientSampleId :
PB123514BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.1	22.7
179	17.7	14.1	21.1

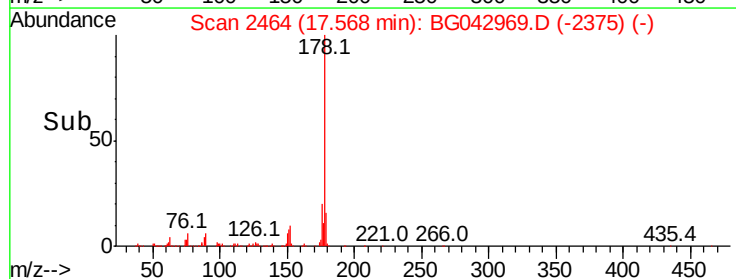
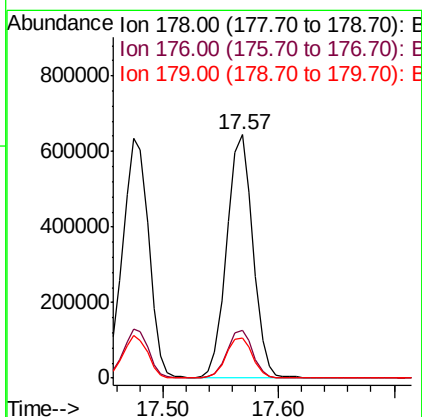
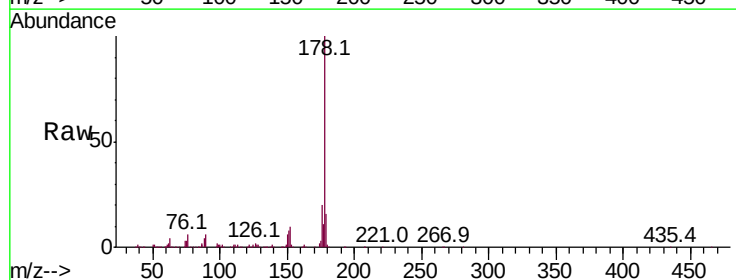
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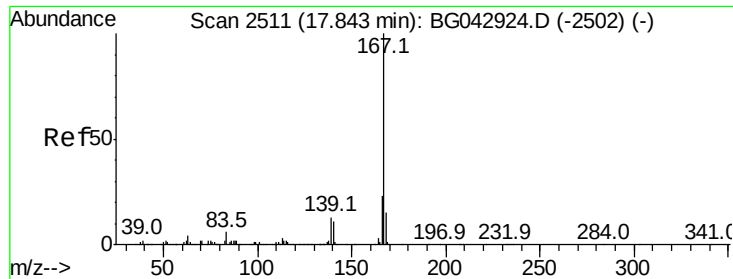
mohammad
10/2/2019 4:00:23 PM



#72
Anthracene
Concen: 43.620 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	16.3	13.5	20.3





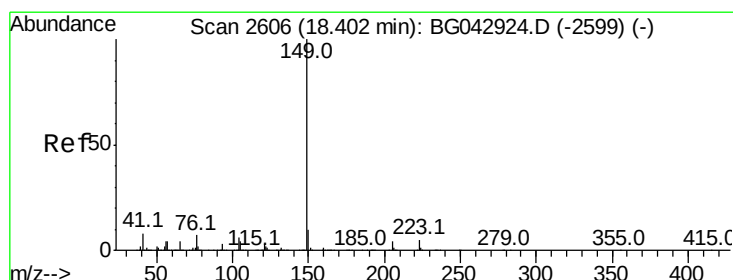
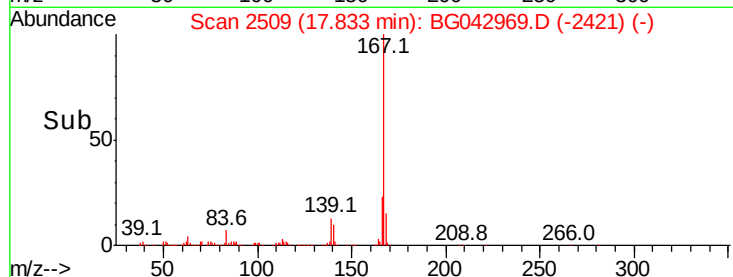
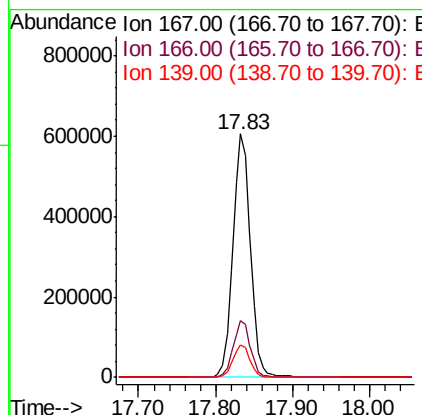
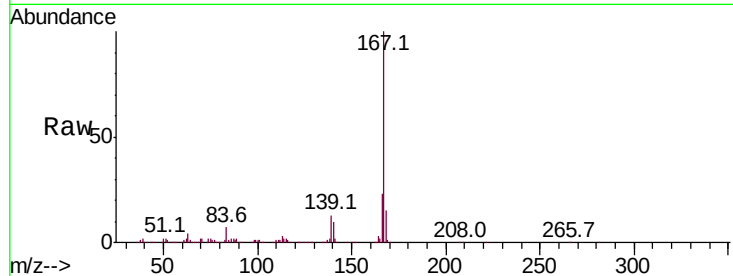
#73
 Carbazole
 Concen: 44.958 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BG042969.D
 Acq: 1 Oct 2019 16:26

Instrument :
 BNA_G
 ClientSampleId :
 PB123514BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.6	28.0
139	13.4	10.8	16.2

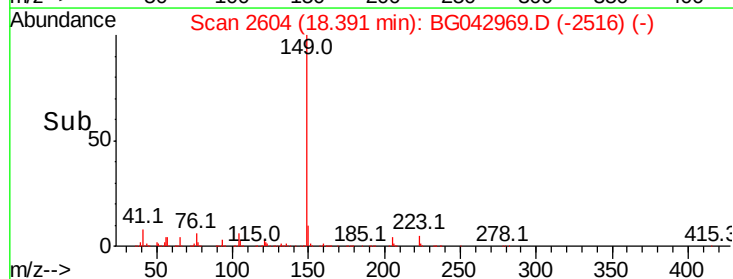
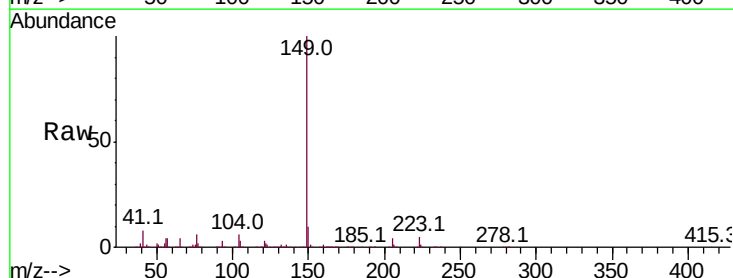
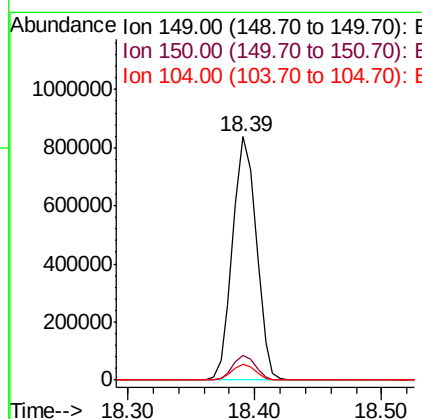
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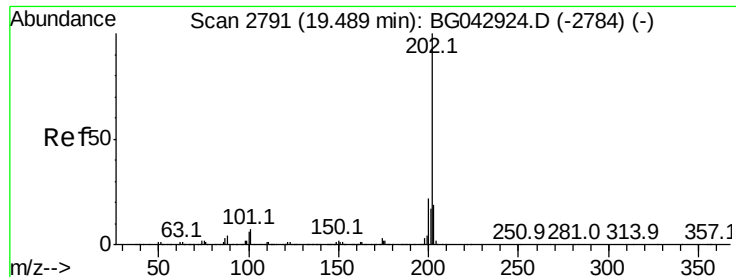
mohammad
 10/2/2019 4:00:23 PM



#74
 Di-n-butylphthalate
 Concen: 42.460 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG042969.D
 Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	6.4	5.0	7.6





#75

Fluoranthene

Concen: 44.330 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Instrument :

BNA_G

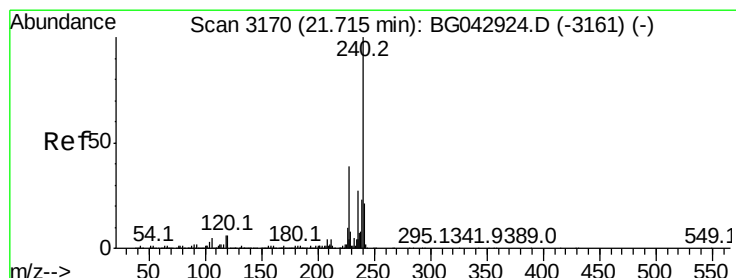
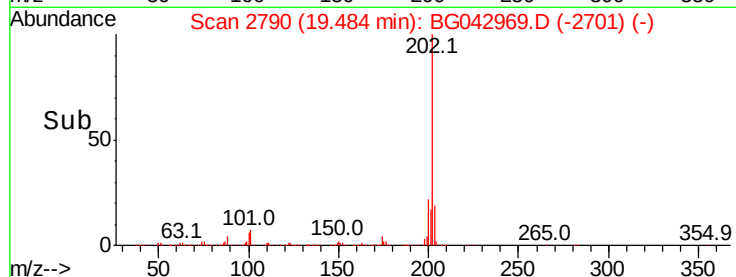
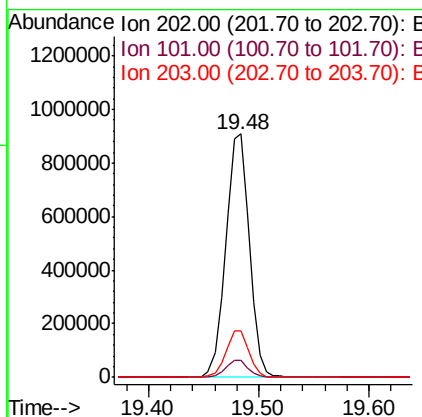
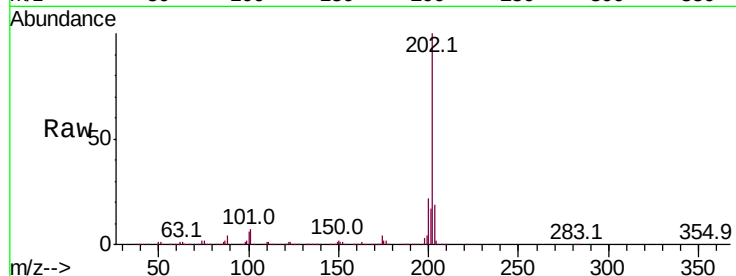
ClientSampleId :

PB123514BS

Tot Ion:	202	Resp:	1356327
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	27.3
203	19.0	0.0	39.5

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#76

Chrysene-d12

Concen: 20.000 ng

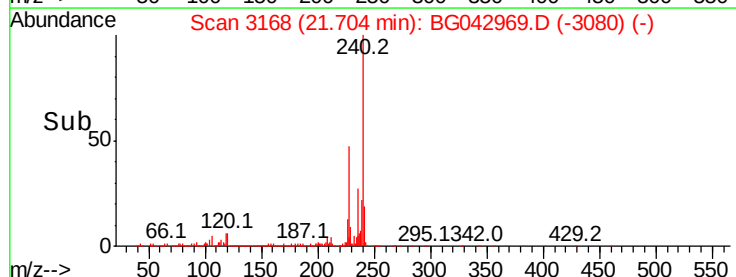
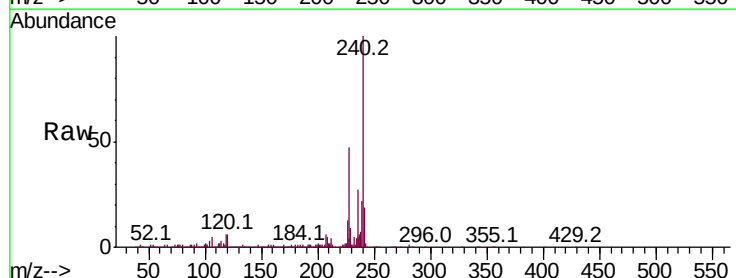
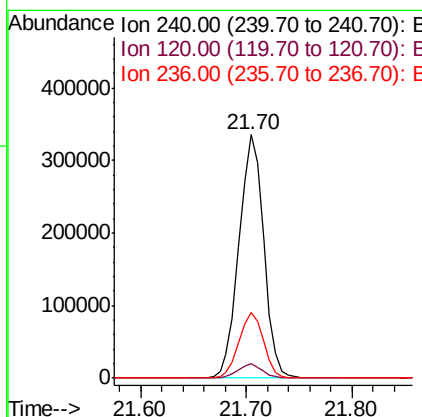
RT: 21.70 min Scan# 3168

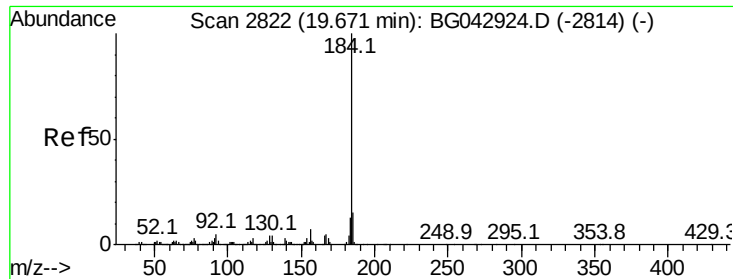
Delta R.T. -0.01 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Tgt Ion:	240	Resp:	543040
Ion Ratio	Lower	Upper	
240	100		
120	6.0	4.8	7.2
236	27.0	21.4	32.0





#77

Benzidine

Concen: 29.526 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Instrument :

BNA_G

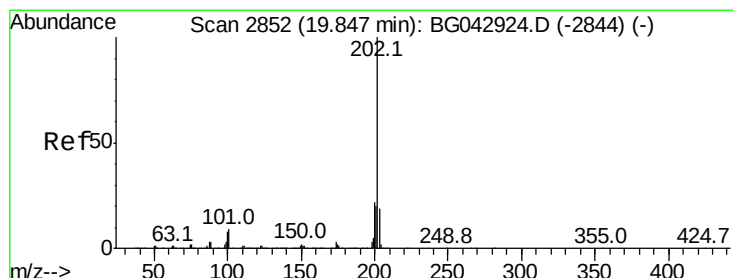
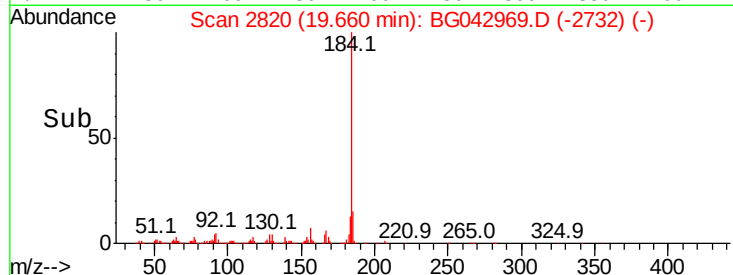
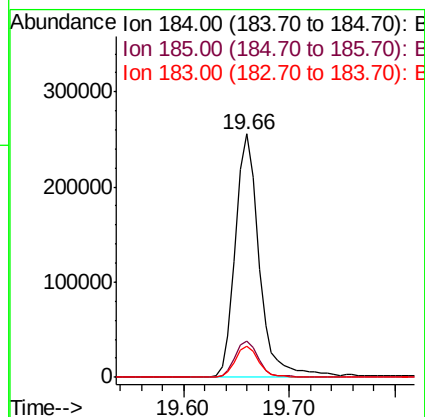
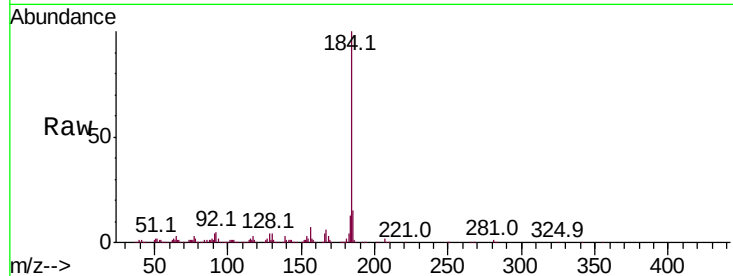
ClientSampleId :

PB123514BS

Tot Ion:	184	Resp:	401471
Ion Ratio	Lower	Upper	
184	100		
185	14.9	11.8	17.8
183	12.8	10.1	15.1

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#78

Pyrene

Concen: 42.932 ng

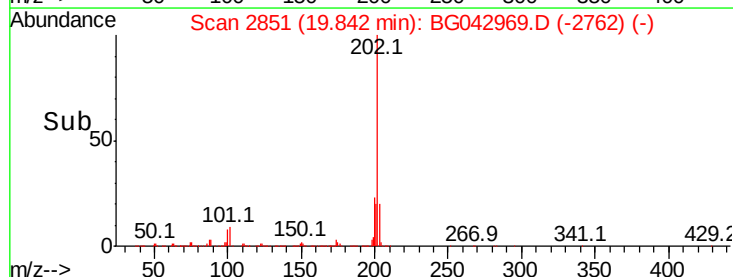
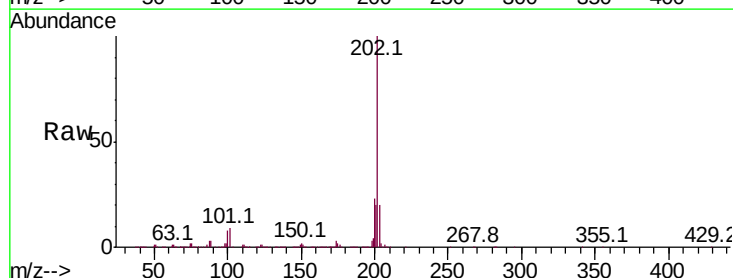
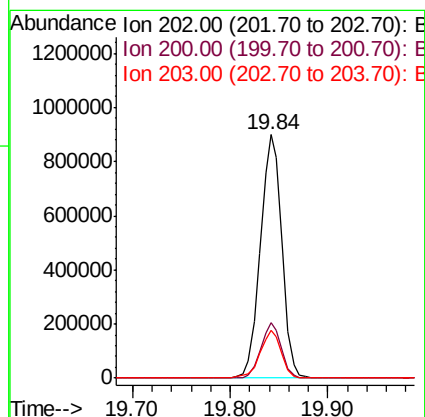
RT: 19.84 min Scan# 2851

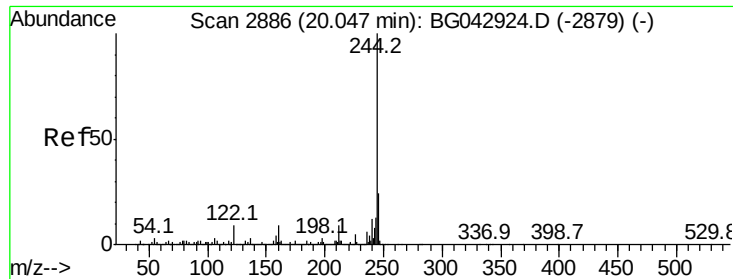
Delta R.T. -0.00 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Tgt Ion:	202	Resp:	1391504
Ion Ratio	Lower	Upper	
202	100		
200	22.6	17.6	26.4
203	19.5	15.2	22.8





#79

Terphenyl-d14

Concen: 70.473 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Instrument :

BNA_G

ClientSampleId :

PB123514BS

Tot Ion:244 Resp: 1795950

Ion Ratio Lower Upper

244 100

212 8.2 7.4 11.0

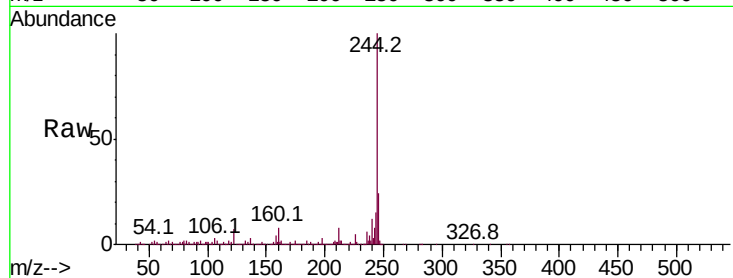
122 7.2 7.0 10.4

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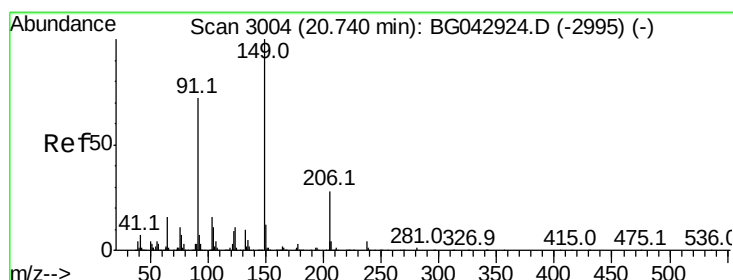
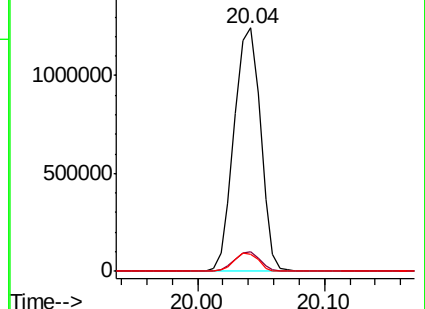
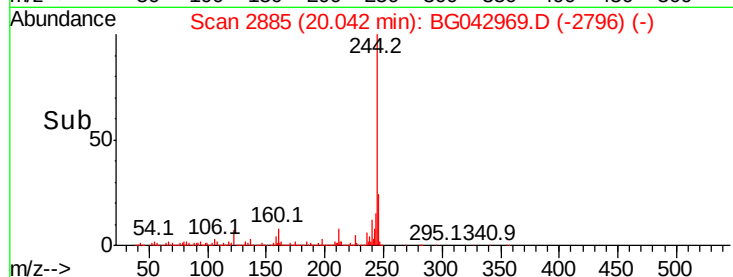
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.239 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.01 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

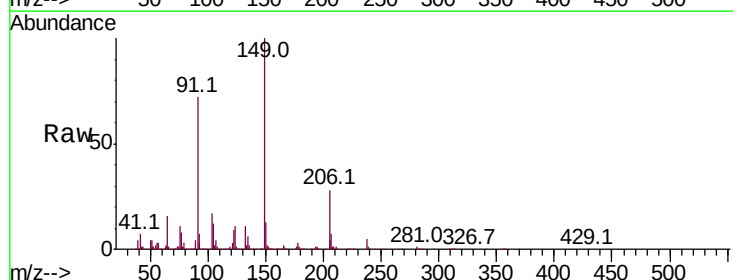
Tgt Ion:149 Resp: 531957

Ion Ratio Lower Upper

149 100

91 71.9 57.7 86.5

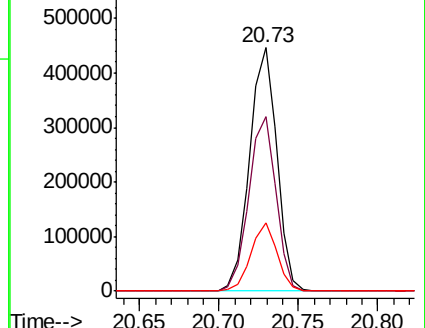
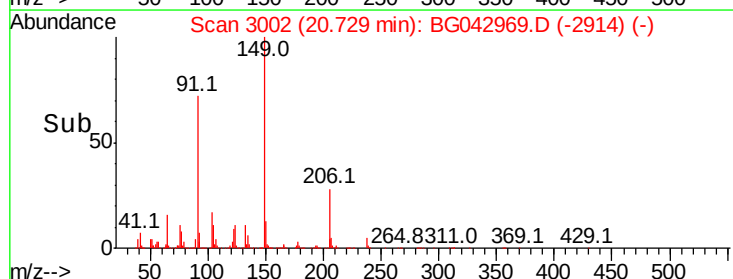
206 27.8 22.6 33.8

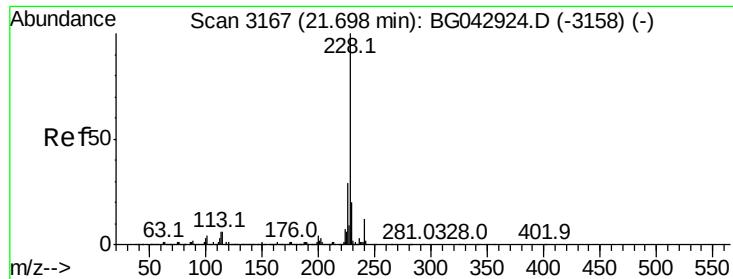


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.304 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.02 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Instrument :

BNA_G

ClientSampled :

PB123514BS

Tot Ion:228 Resp: 1431403

Ion Ratio Lower Upper

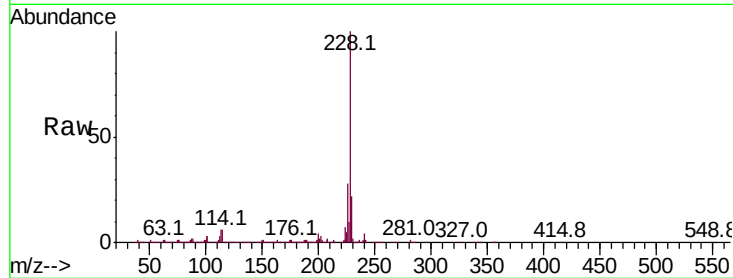
228 100

226 28.2 23.0 34.4

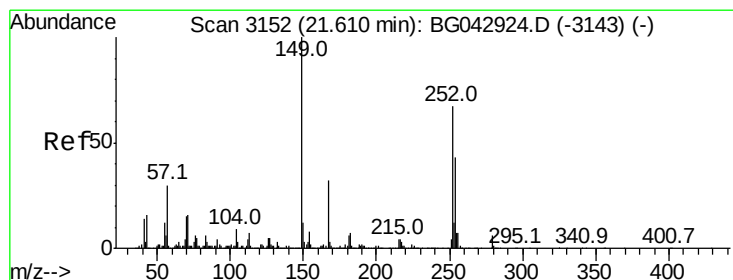
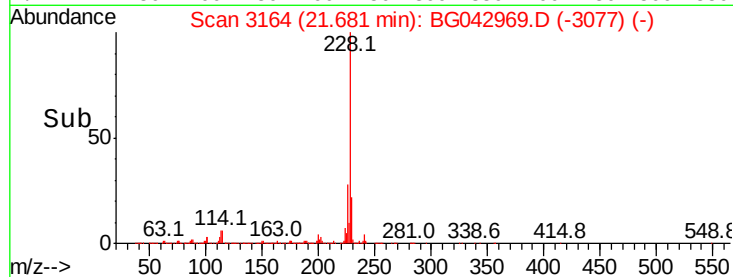
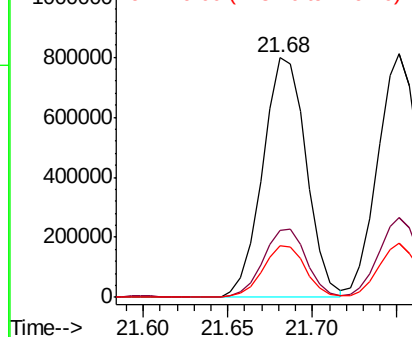
229 21.6 16.3 24.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.643 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

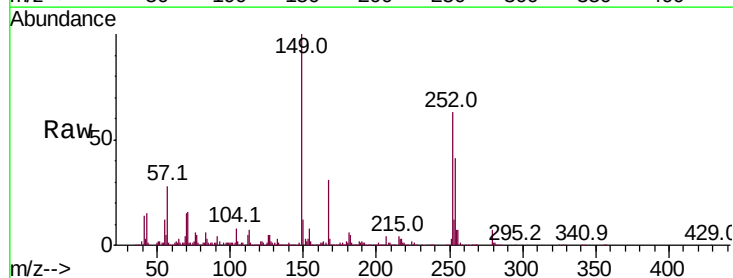
Tgt Ion:252 Resp: 499556

Ion Ratio Lower Upper

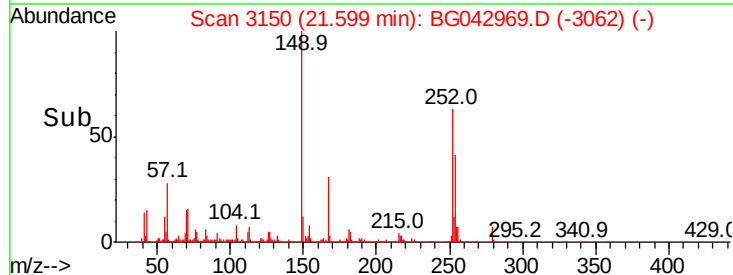
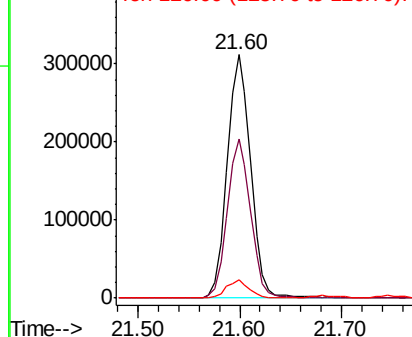
252 100

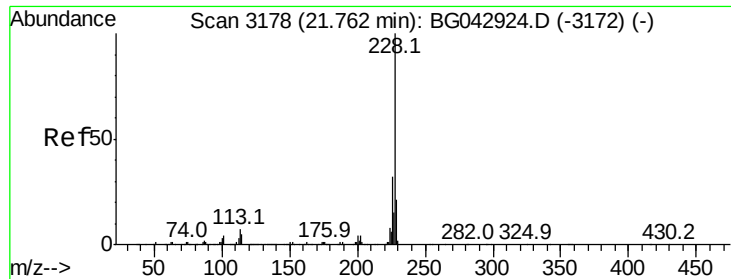
254 65.1 51.9 77.9

126 7.4 6.1 9.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





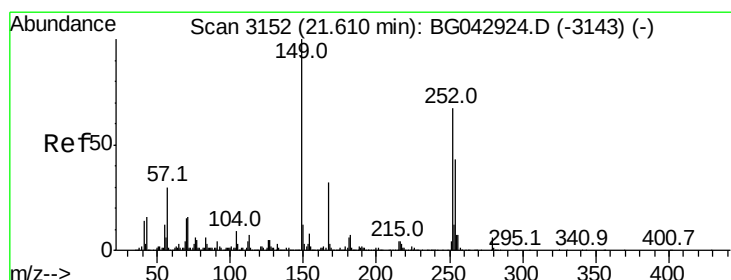
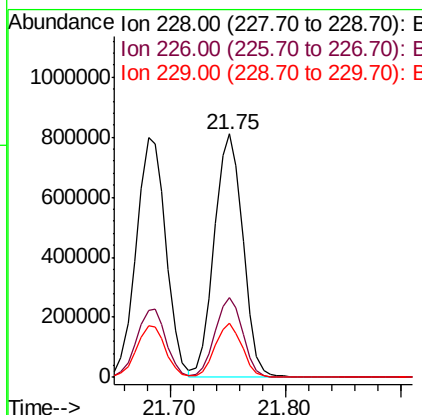
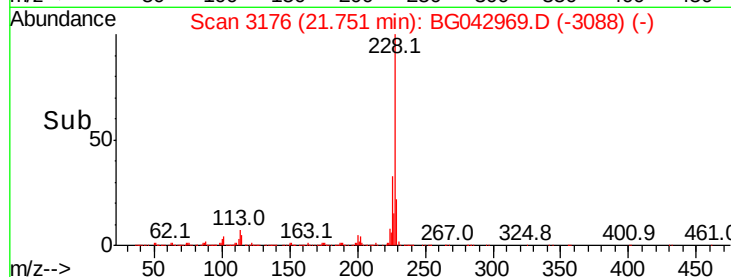
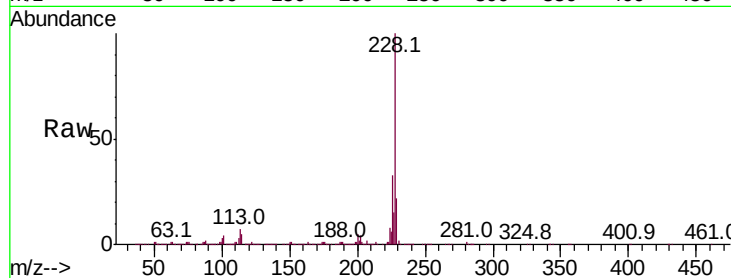
#83
 Chrysene
 Concen: 42.283 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BG042969.D
 Acq: 1 Oct 2019 16:26

Instrument :
 BNA_G
 ClientSampleId :
 PB123514BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.6	38.4
229	22.1	16.9	25.3

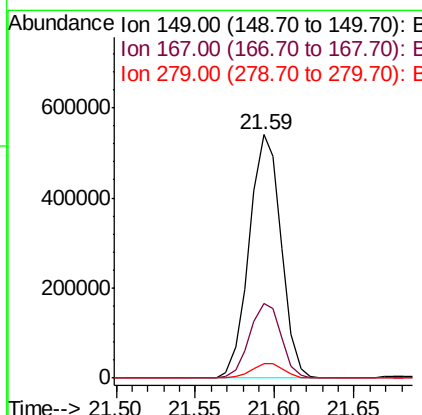
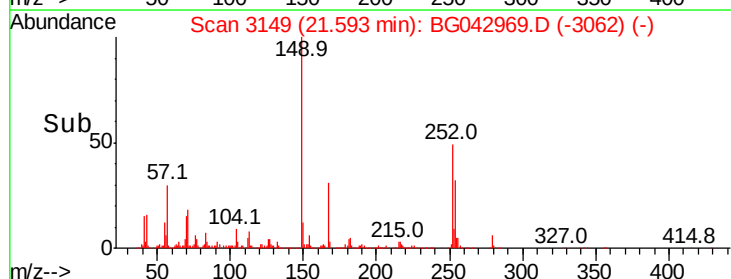
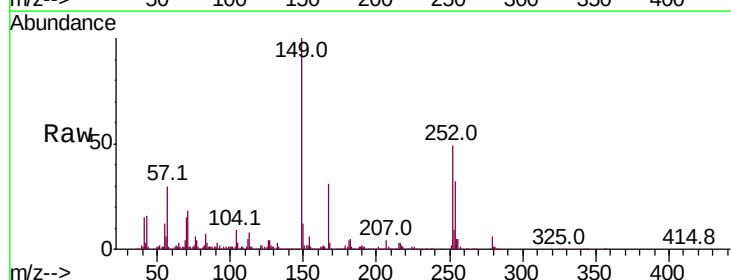
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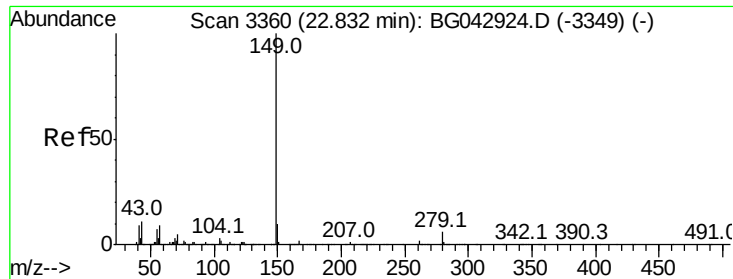
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.104 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.02 min
 Lab File: BG042969.D
 Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.8	25.4	38.2
279	6.2	5.1	7.7





#85

Di-n-octyl phthalate

Concen: 44.273 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.02 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

Instrument :

BNA_G

ClientSampleId :

PB123514BS

Tot Ion:149 Resp: 1267366

Ion Ratio Lower Upper

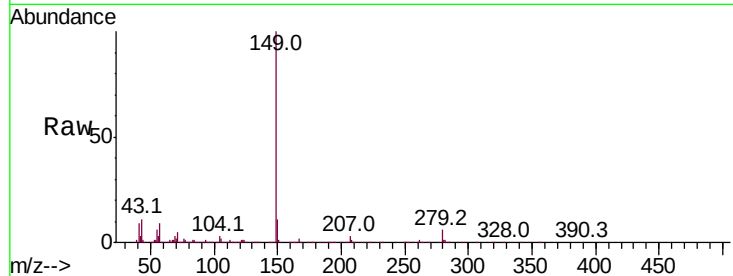
149 100

167 1.9 1.4 2.0

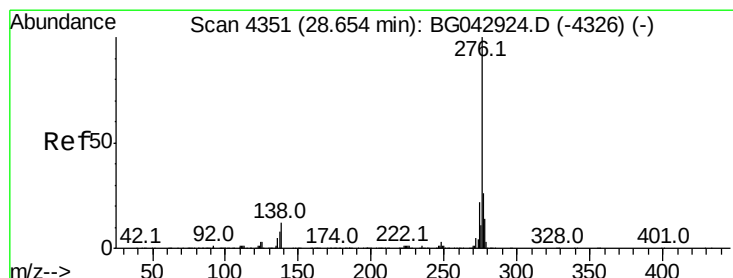
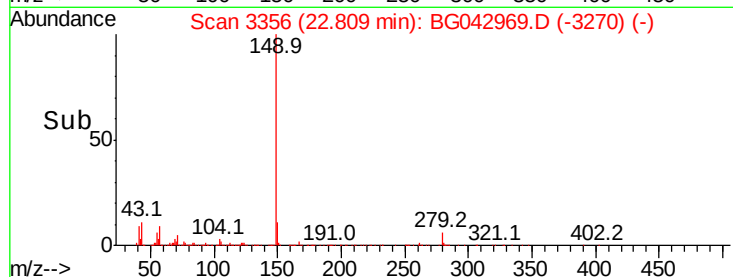
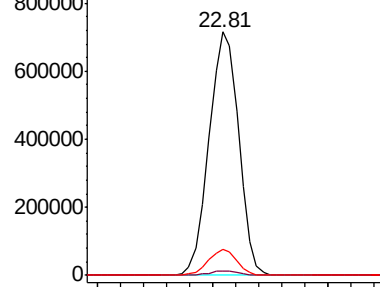
43 10.2 8.7 13.1

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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: 43.933 ng

RT: 28.61 min Scan# 4343

Delta R.T. -0.05 min

Lab File: BG042969.D

Acq: 1 Oct 2019 16:26

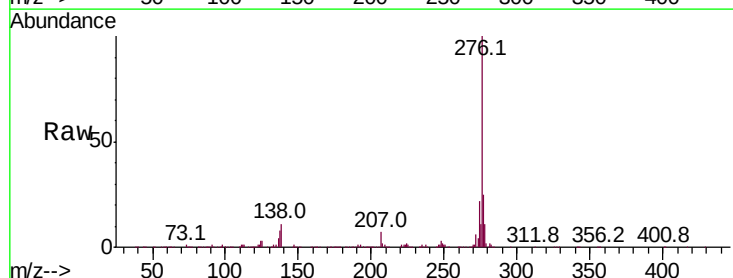
Tgt Ion:276 Resp: 1795868

Ion Ratio Lower Upper

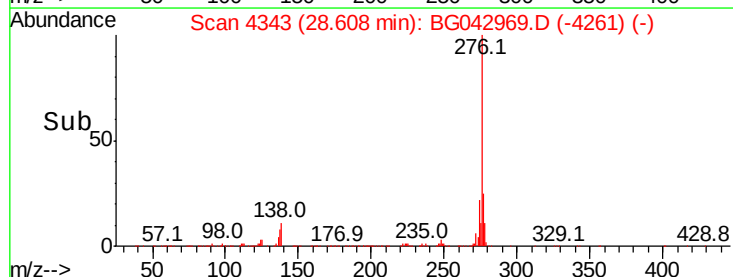
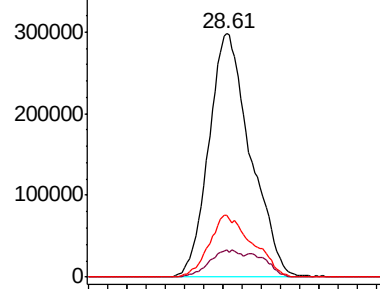
276 100

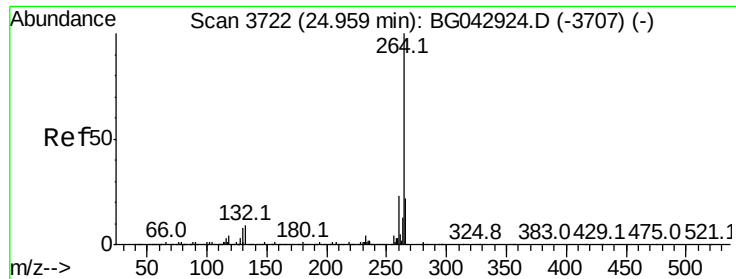
138 8.5 7.0 10.6

277 26.3 20.9 31.3



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





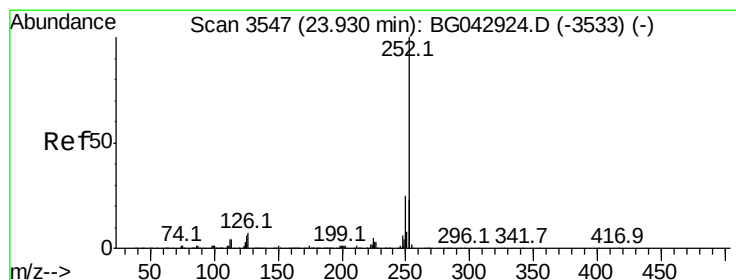
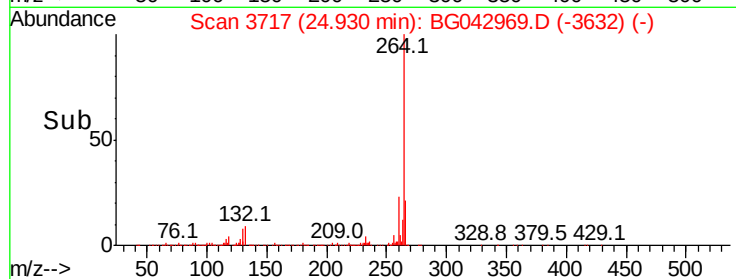
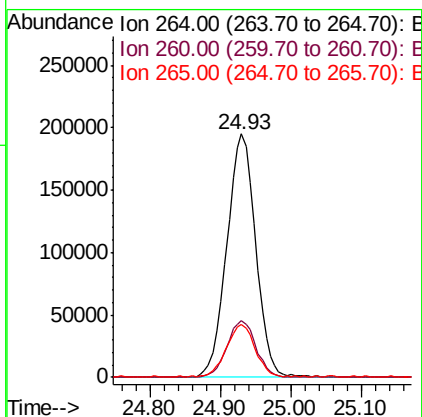
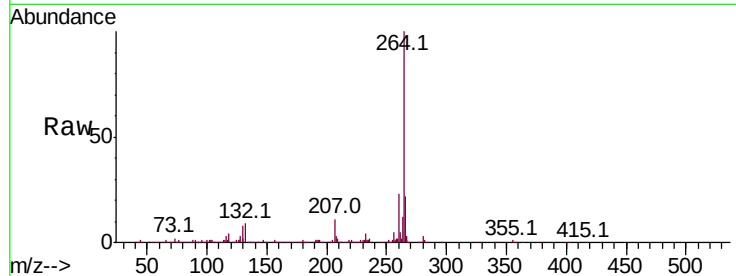
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.03 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Instrument :
BNA_G
ClientSampled :
PB123514BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.5	17.7	26.5

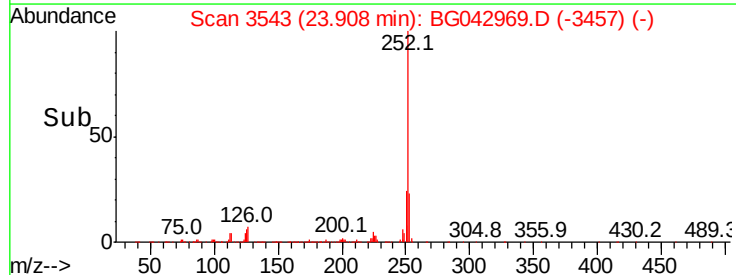
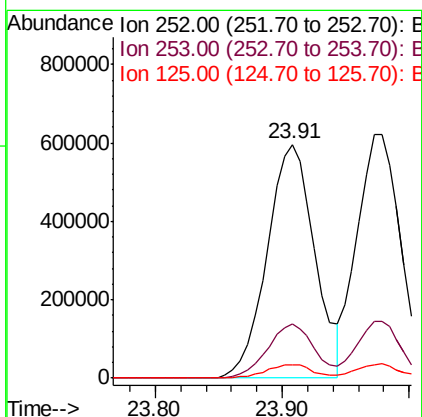
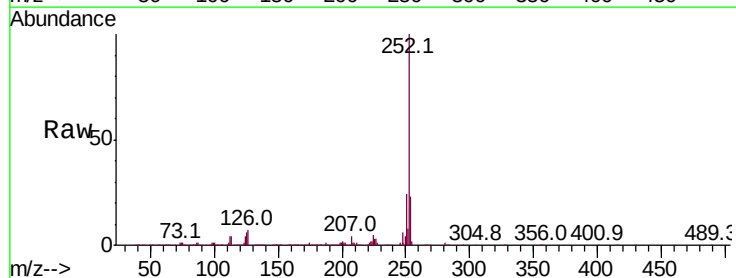
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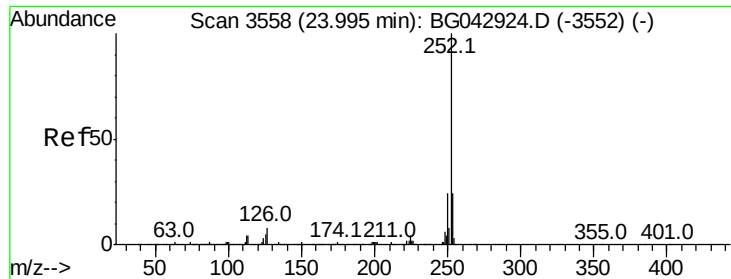
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#88
Benzo(b)fluoranthene
Concen: 49.565 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.02 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	5.7	4.6	7.0





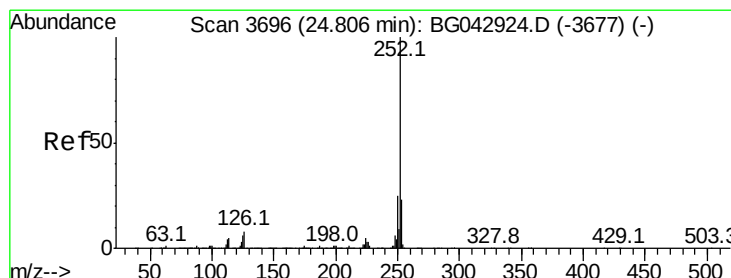
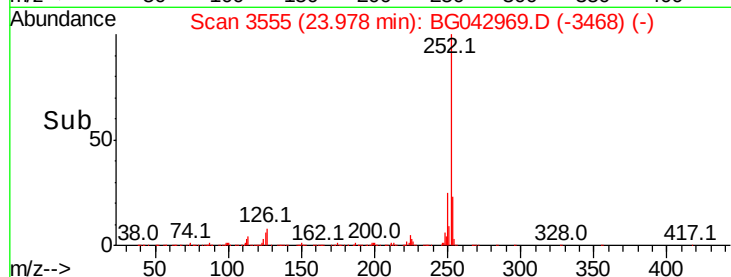
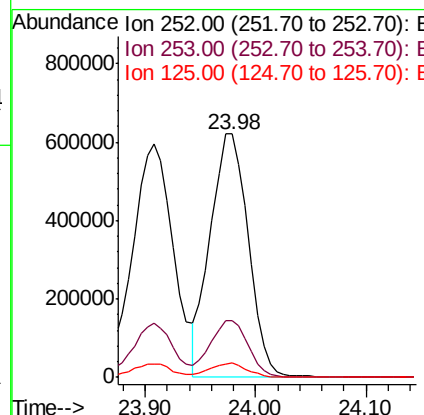
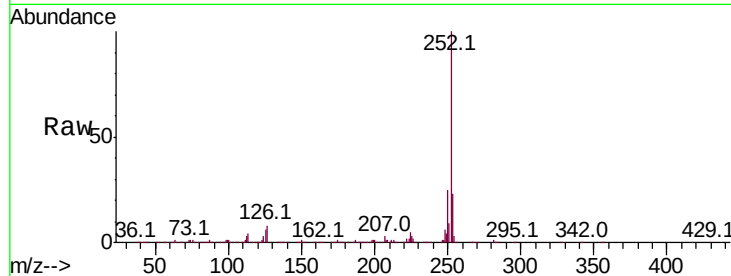
#89
Benzo(k)fluoranthene
Concen: 47.548 ng
RT: 23.98 min Scan# 3555
Delta R.T. -0.02 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Instrument :
BNA_G
ClientSampleId :
PB123514BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	5.7	4.5	6.7

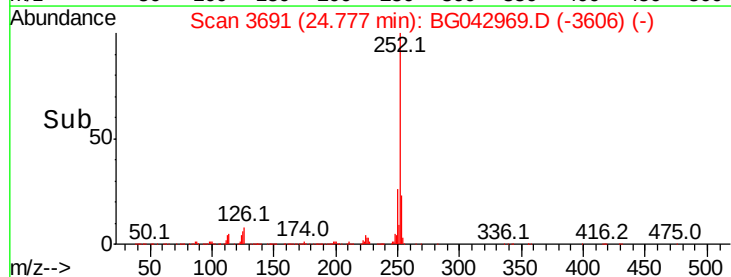
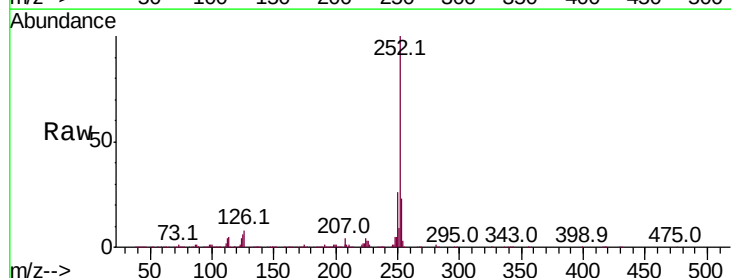
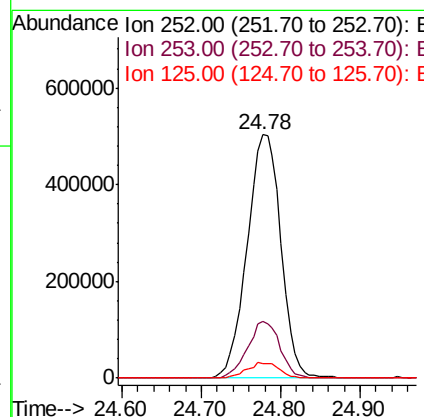
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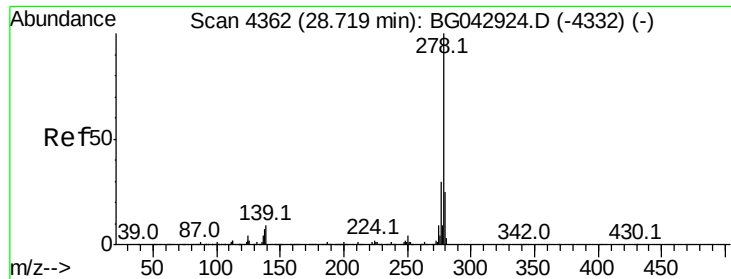
mohammad
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#90
Benzo(a)pyrene
Concen: 50.310 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	6.2	5.0	7.6





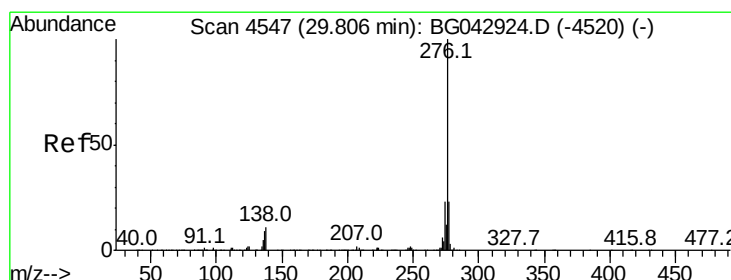
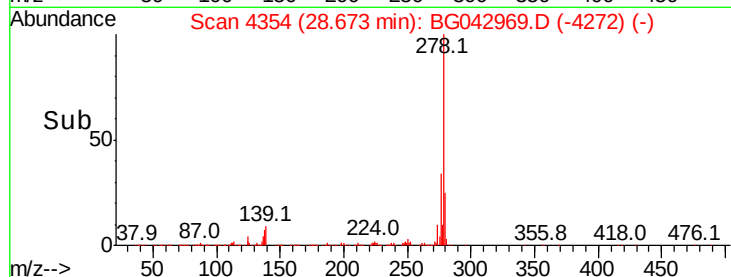
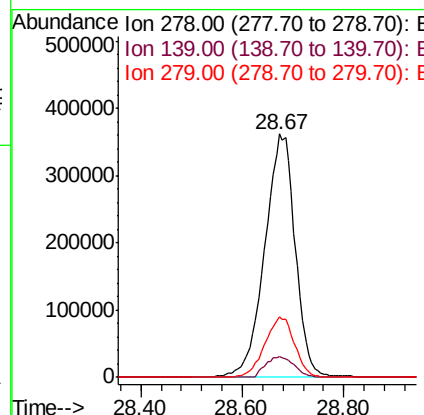
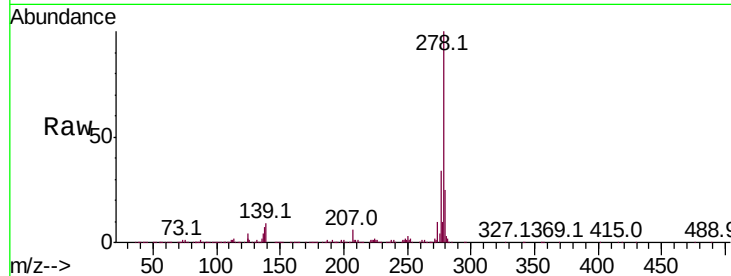
#91
Dibenzo(a,h)anthracene
Concen: 50.121 ng
RT: 28.67 min Scan# 4354
Delta R.T. -0.05 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Instrument :
BNA_G
ClientSampleId :
PB123514BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.5	6.8	10.2
279	24.9	20.1	30.1

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10/2/2019 4:00:23 PM



#92
Benzo(g,h,i)perylene
Concen: 51.163 ng
RT: 29.75 min Scan# 4538
Delta R.T. -0.05 min
Lab File: BG042969.D
Acq: 1 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.4	27.6
138	12.5	8.6	12.8

