

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
 Data File : BG041213.D
 Acq On : 12 Jun 2019 19:29
 Operator : HP/JU
 Sample : PB120532BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120532BS

Manual Integrations
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mohammad
 6/14/2019 8:36:53 AM

Quant Time: Jun 13 07:52:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	34244	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	141674	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	104657	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	256994	20.00	ng	0.00
76) Chrysene-d12	21.76	240	292724	20.00	ng	0.00
87) Perylene-d12	25.08	264	263960	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	163211	85.94	ng	0.00
7) Phenol-d6	7.25	99	238406	81.29	ng	0.00
23) Nitrobenzene-d5	9.28	82	235189	73.70	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	123259	79.33	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	547585	75.35	ng	0.00
79) Terphenyl-d14	20.08	244	1008395	73.11	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.50	88	33924	39.366	ng	# 93
3) Pyridine	3.91	79	82215	32.242	ng	99
4) n-Nitrosodimethylamine	3.83	42	50931	43.036	ng	83
6) Aniline	7.43	93	83057	21.216	ng	98
8) 2-Chlorophenol	7.66	128	97976	43.275	ng	96
9) Benzaldehyde	7.24	77	3681m	2.104	ng	
10) Phenol	7.28	94	133935	42.591	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	88459	38.776	ng	97
12) 1,3-Dichlorobenzene	7.99	146	105124	38.876	ng	96
13) 1,4-Dichlorobenzene	8.14	146	108012	39.462	ng	95
14) 1,2-Dichlorobenzene	8.45	146	102595	38.604	ng	99
15) Benzyl Alcohol	8.34	79	106904	39.404	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	132794	35.623	ng	97
17) 2-Methylphenol	8.54	107	93200	40.933	ng	98
18) Hexachloroethane	9.19	117	40426	38.321	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	83597	37.039	ng	99
20) 3+4-Methylphenols	8.87	107	127146	40.314	ng	99
22) Acetophenone	8.94	105	160392	40.358	ng	# 96
24) Nitrobenzene	9.32	77	137475	42.271	ng	97
25) Isophorone	9.84	82	235460	38.770	ng	99
26) 2-Nitrophenol	10.04	139	60568	45.175	ng	94
27) 2,4-Dimethylphenol	10.08	122	103706	46.835	ng	97
28) bis(2-Chloroethoxy)methane	10.32	93	125926	38.416	ng	99
29) 2,4-Dichlorophenol	10.57	162	121172	43.093	ng	95
30) 1,2,4-Trichlorobenzene	10.78	180	131622	41.148	ng	98
31) Naphthalene	10.98	128	321505	42.267	ng	97
32) Benzoic acid	10.21	122	56623m	35.446	ng	
33) 4-Chloroaniline	11.09	127	73740	20.893	ng	99
34) Hexachlorobutadiene	11.23	225	93667	38.270	ng	98
35) Caprolactam	11.88	113	33687	36.279	ng	# 80
36) 4-Chloro-3-methylphenol	12.20	107	130183	40.538	ng	96
37) 2-Methylnaphthalene	12.57	142	244415	41.720	ng	100
38) 1-Methylnaphthalene	12.79	142	230871	41.820	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	182145	43.180	ng	99

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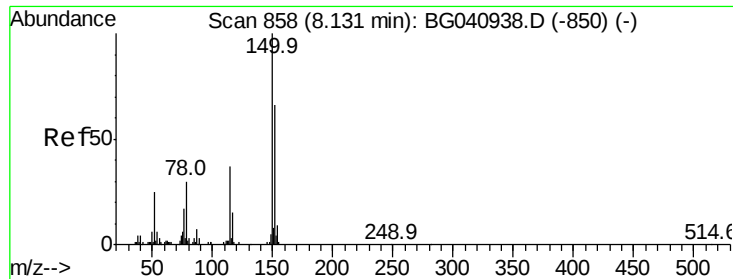
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	189892	83.359	nq	99
43) 2,4,6-Trichlorophenol	13.17	196	113130	41.457	nq	96
44) 2,4,5-Trichlorophenol	13.25	196	117854	40.951	nq	98
46) 1,1'-Biphenyl	13.57	154	331549	42.798	nq	97
47) 2-Chloronaphthalene	13.62	162	271564	40.833	nq	98
48) 2-Nitroaniline	13.83	65	95719	40.119	nq	98
49) Acenaphthylene	14.47	152	417195	41.680	nq	98
50) Dimethylphthalate	14.18	163	347518	39.227	nq	99
51) 2,6-Dinitrotoluene	14.32	165	78774	41.240	nq	94
52) Acenaphthene	14.80	154	244978	40.401	nq	96
53) 3-Nitroaniline	14.65	138	58636	30.698	nq	98
54) 2,4-Dinitrophenol	14.86	184	66682	70.715	nq	92
55) Dibenzofuran	15.14	168	429392	42.084	nq	100
56) 4-Nitrophenol	14.95	139	107054	81.712	nq	87
57) 2,4-Dinitrotoluene	15.10	165	111126	41.185	nq	97
58) Fluorene	15.78	166	335565	41.297	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	121305	42.890	nq	98
60) Diethylphthalate	15.53	149	355003	39.265	nq	99
61) 4-Chlorophenyl-phenylether	15.76	204	212000	40.140	nq	98
62) 4-Nitroaniline	15.82	138	74554	36.869	nq	96
63) Azobenzene	16.06	77	327895	39.903	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	59951	44.333	nq	99
66) n-Nitrosodiphenylamine	15.98	169	304753	42.184	nq	99
67) 4-Bromophenyl-phenylether	16.66	248	137064	39.520	nq	98
68) Hexachlorobenzene	16.77	284	144382	39.095	nq	98
69) Atrazine	16.92	200	112942	40.516	nq	96
70) Pentachlorophenol	17.12	266	162547	82.046	nq	96
71) Phenanthrene	17.52	178	568303	42.454	nq	99
72) Anthracene	17.61	178	580372	43.959	nq	99
73) Carbazole	17.89	167	494328	43.636	nq	98
74) Di-n-butylphthalate	18.41	149	587202	41.705	nq	99
75) Fluoranthene	19.52	202	743776	44.983	nq	100
77) Benzidine	19.71	184	169255	24.238	nq	95
78) Pyrene	19.89	202	742936	39.042	nq	98
80) Butylbenzylphthalate	20.75	149	274114	37.016	nq	99
81) Benzo(a)anthracene	21.74	228	712878	36.585	nq	98
82) 3,3'-Dichlorobenzidine	21.65	252	185621	27.084	nq	98
83) Chrysene	21.80	228	697049	37.382	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	379138	36.370	nq	98
85) Di-n-octyl phthalate	22.84	149	647659	37.304	nq	99
86) Indeno(1,2,3-cd)pyrene	28.91	276	628105	27.498	nq	# 98
88) Benzo(b)fluoranthene	24.02	252	678607	42.386	nq	99
89) Benzo(k)fluoranthene	24.09	252	710874	44.870	nq	99
90) Benzo(a)pyrene	24.92	252	663026	43.407	nq	# 95
91) Dibenzo(a,h)anthracene	28.97	278	513901	33.670	nq	99
92) Benzo(g,h,i)perylene	30.10	276	453918	30.612	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

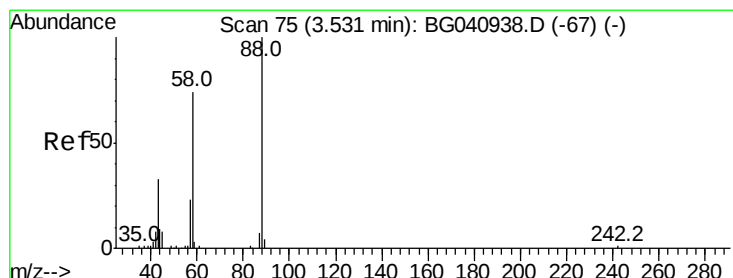
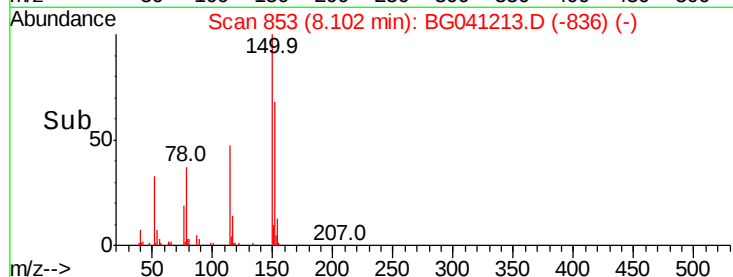
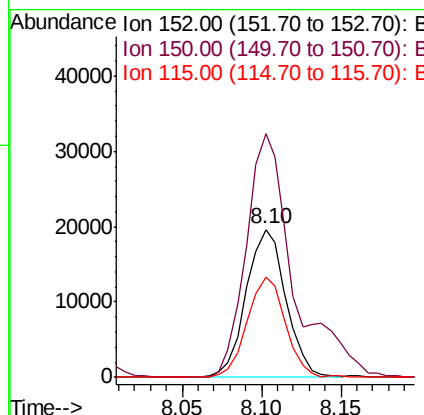
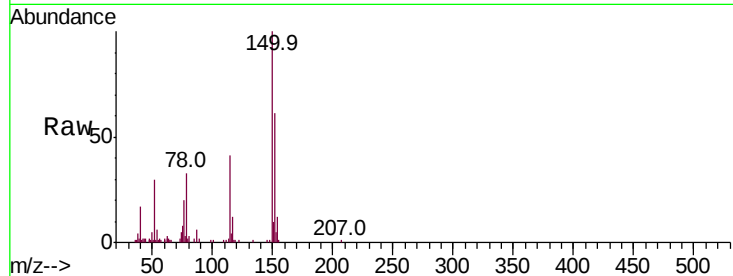
ClientSampleId :

PB120532BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.6	120.6	180.8
115	68.0	45.1	67.7#

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#2

1,4-Dioxane

Concen: 39.366 ng

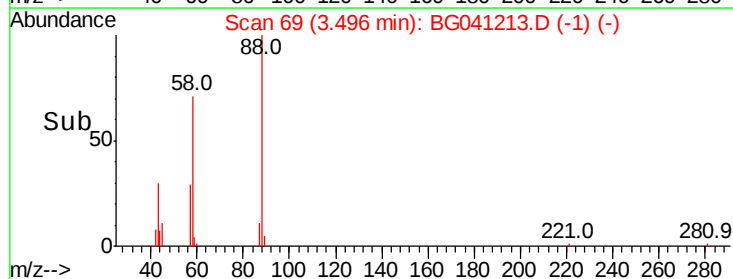
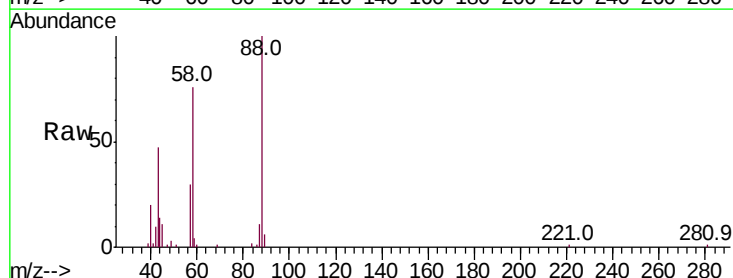
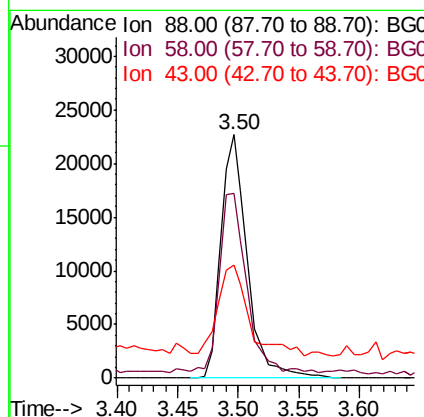
RT: 3.50 min Scan# 69

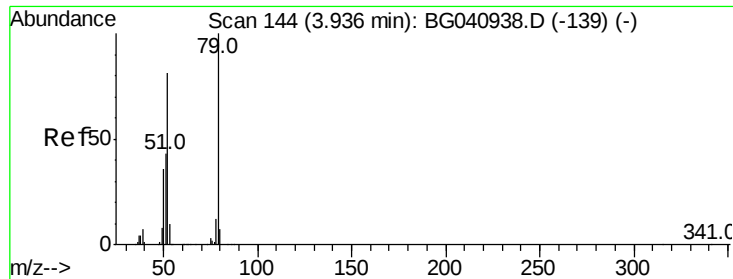
Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.1	59.0	88.6
43	44.3	27.2	40.8#





#3

Pvridine

Concen: 32.242 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

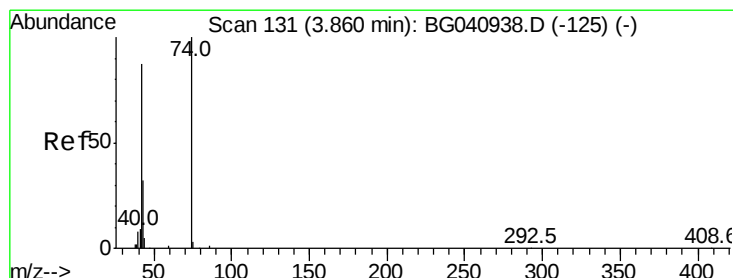
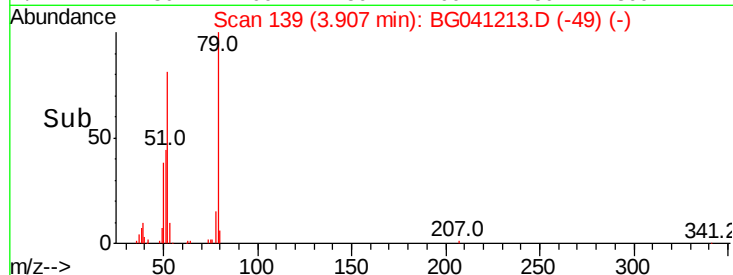
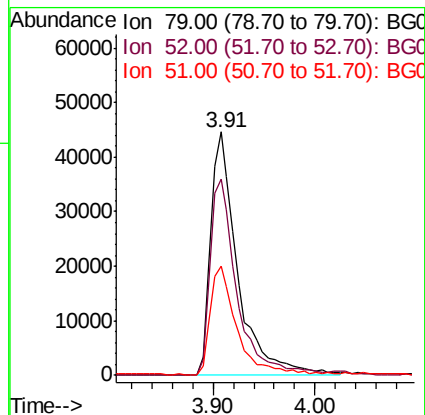
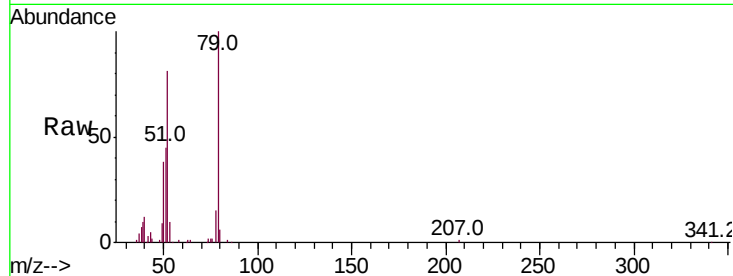
ClientSampleId :

PB120532BS

Tot Ion:	79	Resp:	82215
Ion Ratio	Lower	Upper	
79	100		
52	80.8	64.8	97.2
51	44.8	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 43.036 ng

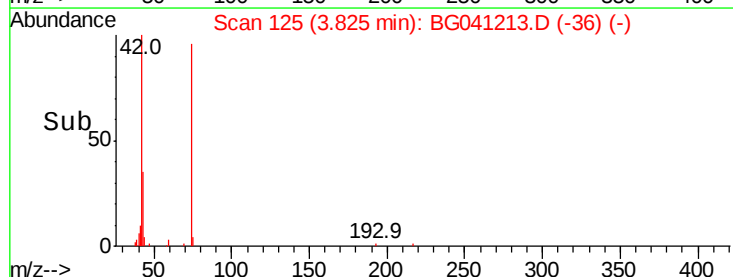
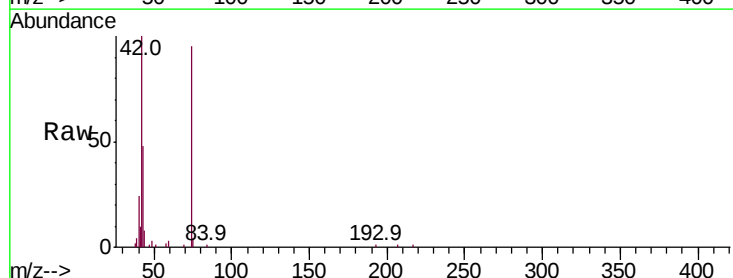
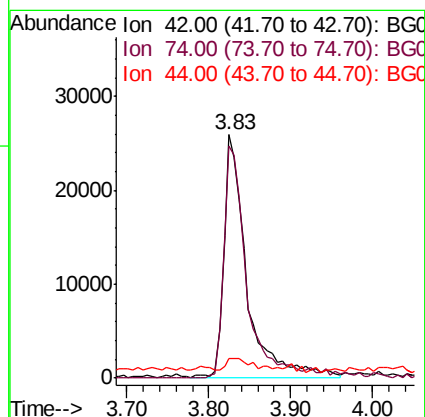
RT: 3.83 min Scan# 125

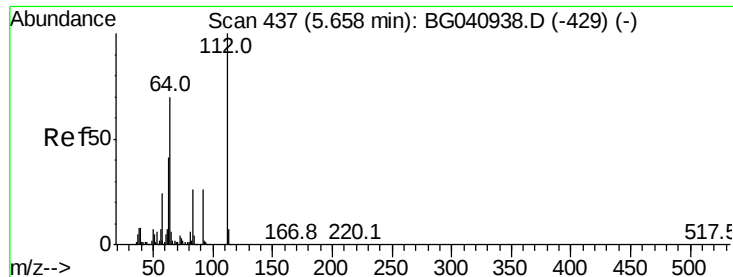
Delta R.T. -0.01 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Tgt Ion:	42	Resp:	50931
Ion Ratio	Lower	Upper	
42	100		
74	95.3	91.8	137.6
44	8.3	6.0	9.0





#5

2-Fluorophenol

Concen: 85.943 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

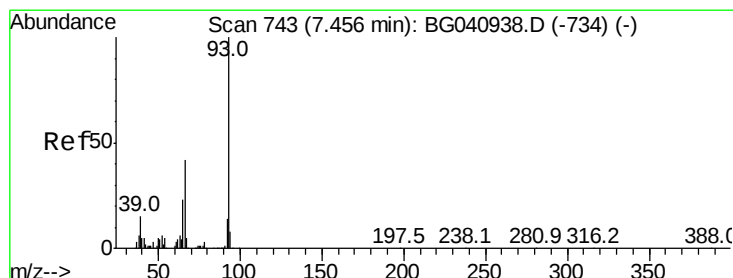
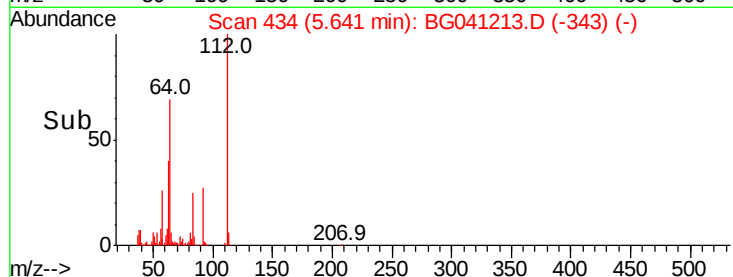
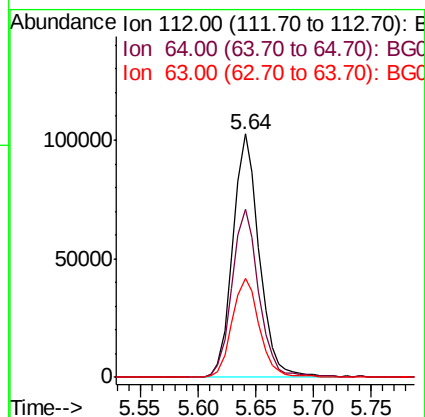
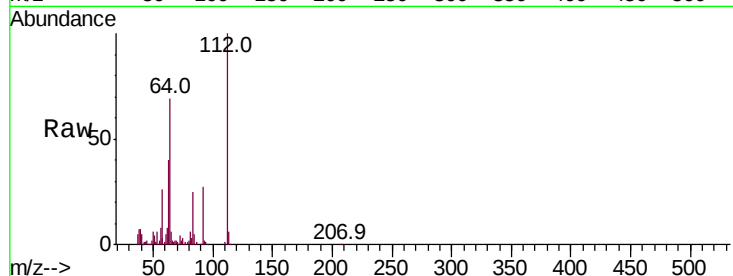
ClientSampled :

PB120532BS

Tot Ion:	112	Resp:	163211
Ion Ratio	Lower	Upper	
112	100		
64	69.2	56.2	84.2
63	40.4	32.8	49.2

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#6

Aniline

Concen: 21.216 ng

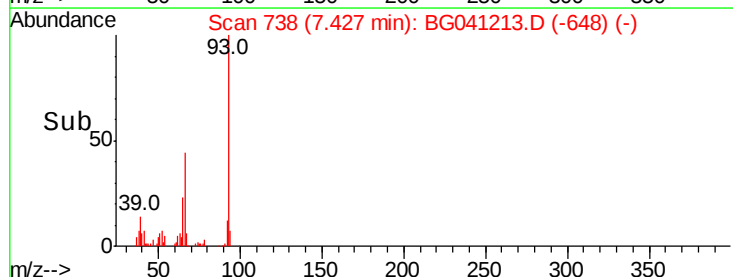
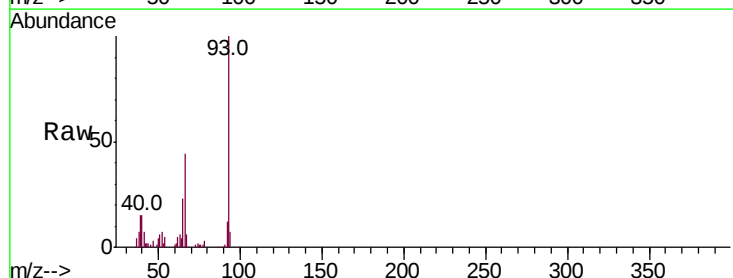
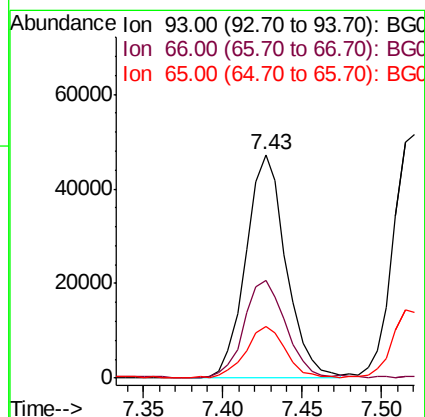
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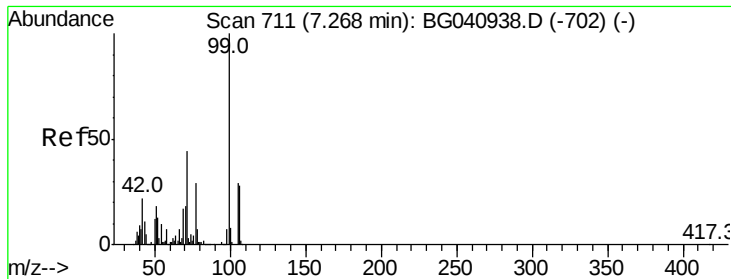
Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Tgt Ion:	93	Resp:	83057
Ion Ratio	Lower	Upper	
93	100		
66	43.8	33.8	50.8
65	23.2	18.3	27.5





#7

Phenol-d6

Concen: 81.287 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

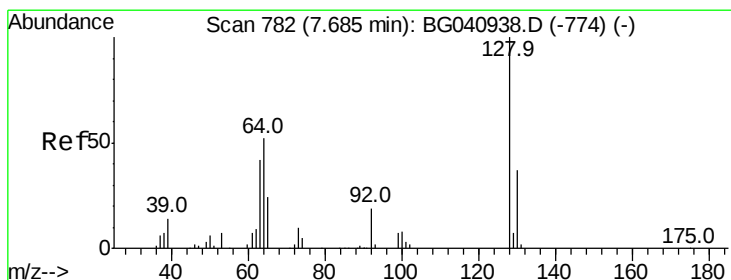
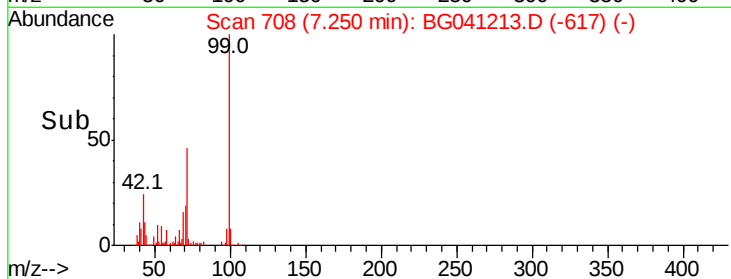
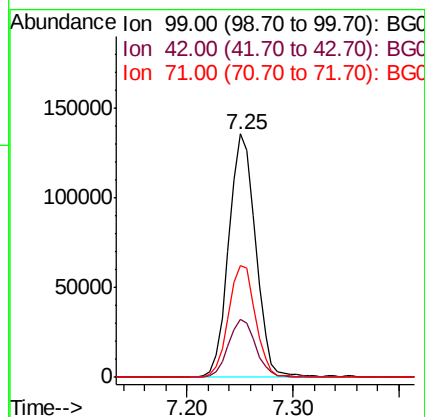
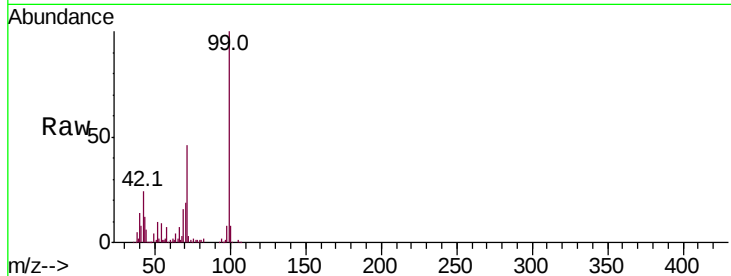
ClientSampleId :

PB120532BS

Tot Ion:	99	Resp:	238406
Ion Ratio	Lower	Upper	
99	100		
42	24.0	17.9	26.9
71	45.8	35.4	53.0

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#8

2-Chlorophenol

Concen: 43.275 ng

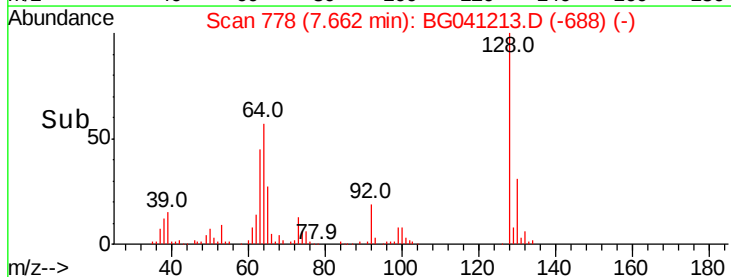
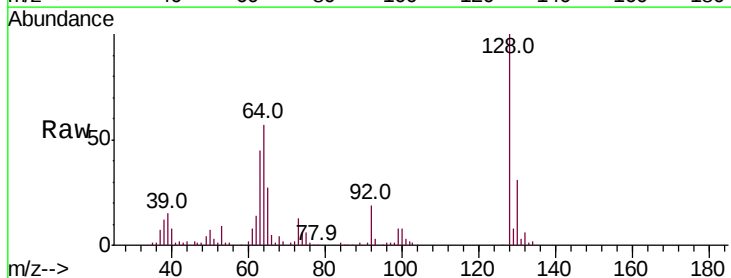
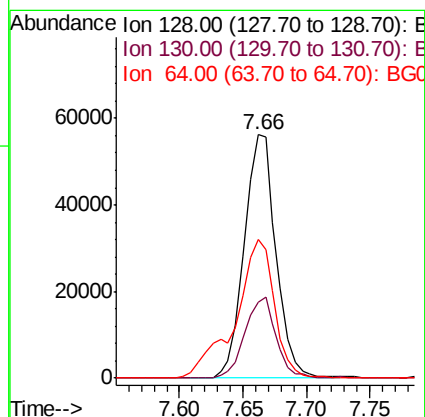
RT: 7.66 min Scan# 778

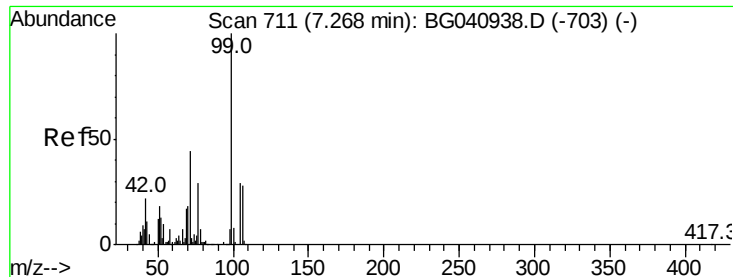
Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Tgt Ion:	128	Resp:	97976
Ion Ratio	Lower	Upper	
128	100		
130	31.0	16.6	56.6
64	57.0	37.8	77.8





#9

Benzaldehyde

Concen: 2.104 ng/mL

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

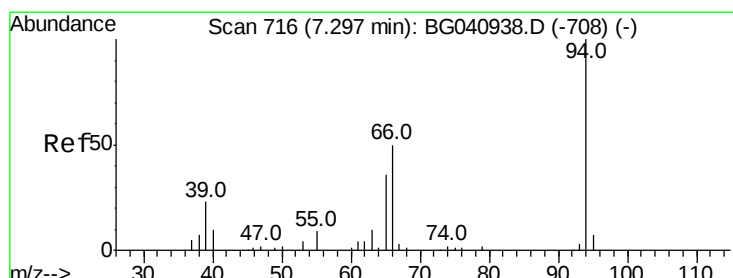
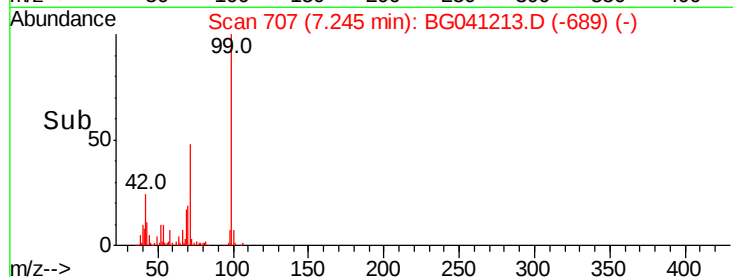
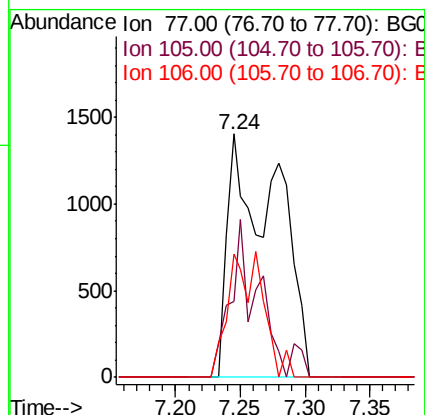
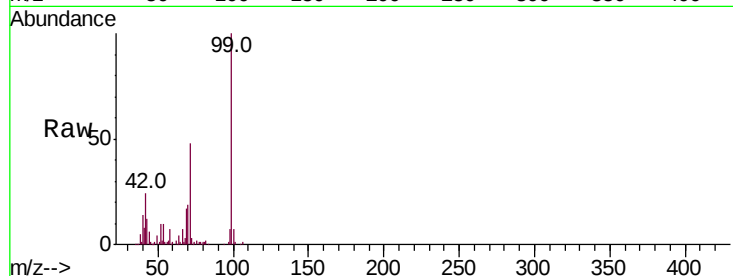
ClientSampleId :

PB120532BS

Tot Ion:	77	Resp:	3681
Ion	Ratio	Lower	Upper
77	100		
105	31.2	78.9	118.9#
106	50.7	76.7	116.7#

Manual Integrations
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#10

Phenol

Concen: 42.591 ng/mL

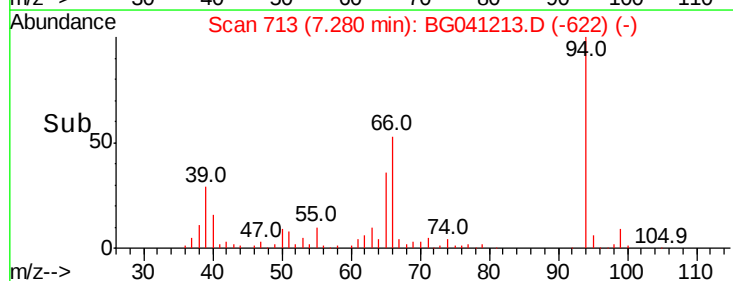
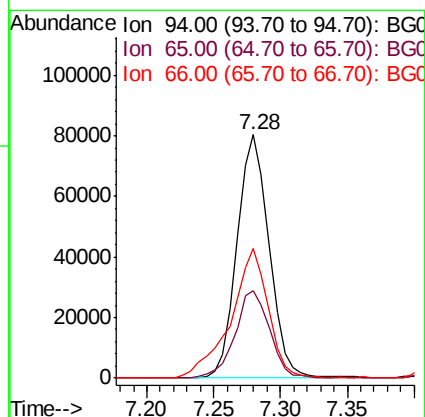
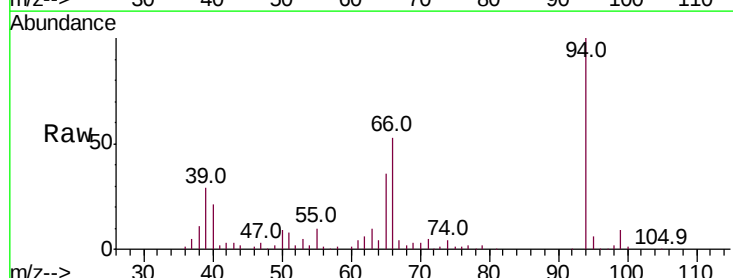
RT: 7.28 min Scan# 713

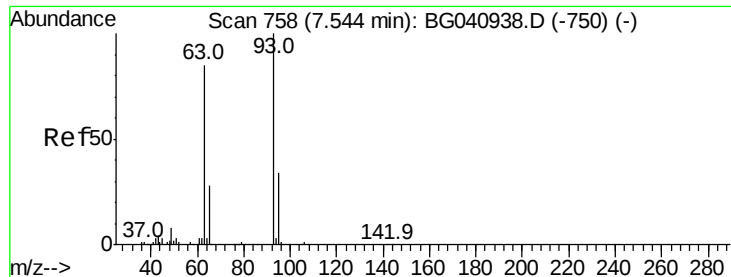
Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Tgt Ion:	94	Resp:	133935
Ion	Ratio	Lower	Upper
94	100		
65	35.7	17.0	57.0
66	53.2	32.4	72.4





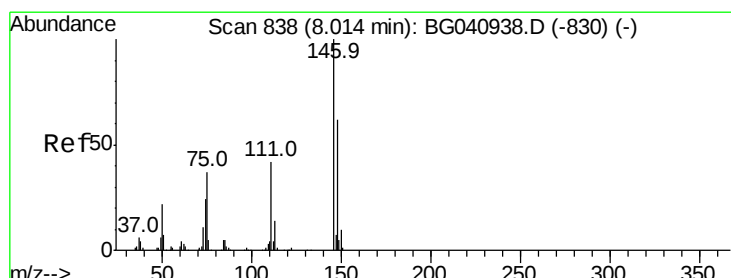
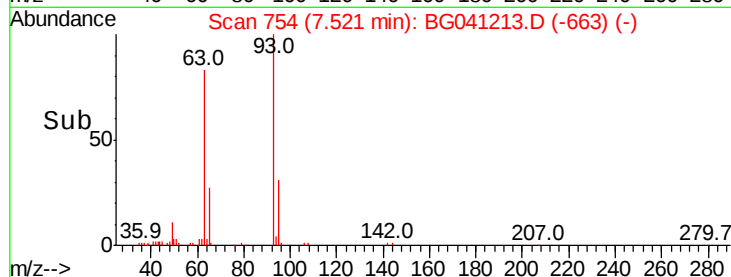
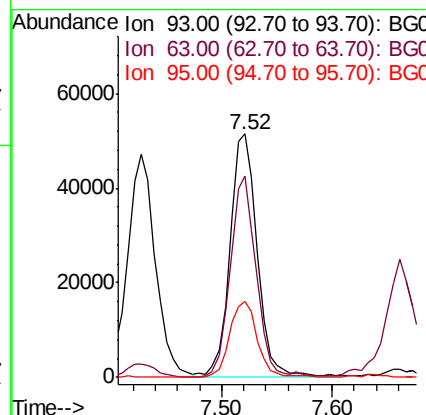
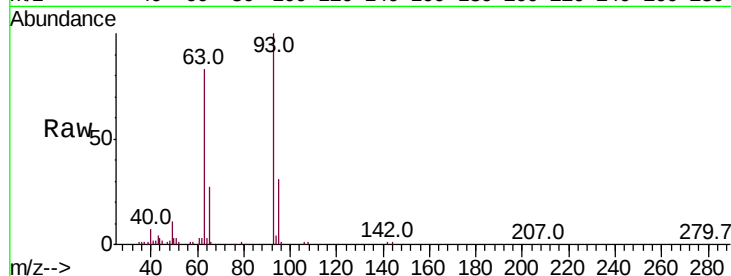
#11
bis(2-Chloroethyl)ether
Concen: 38.776 ng
RT: 7.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB120532BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	82.5	64.5	104.5	
95	31.3	13.3	53.3	

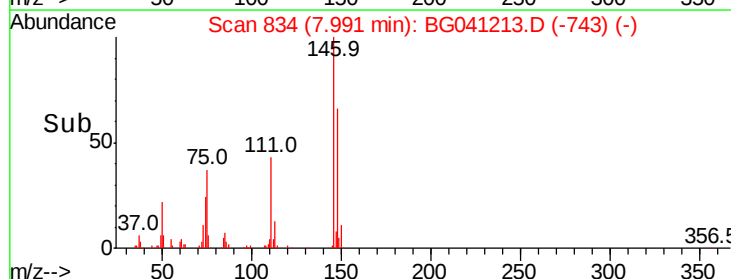
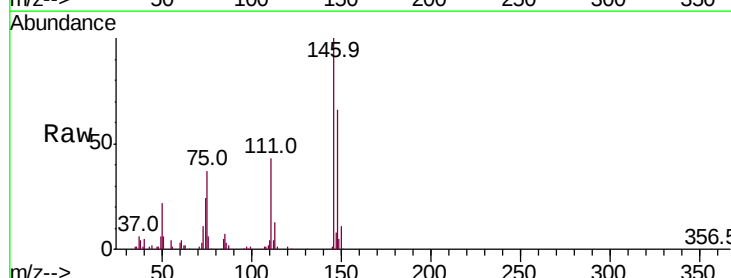
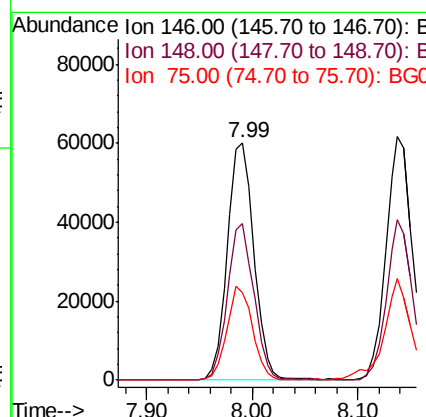
Manual Integrations
APPROVED

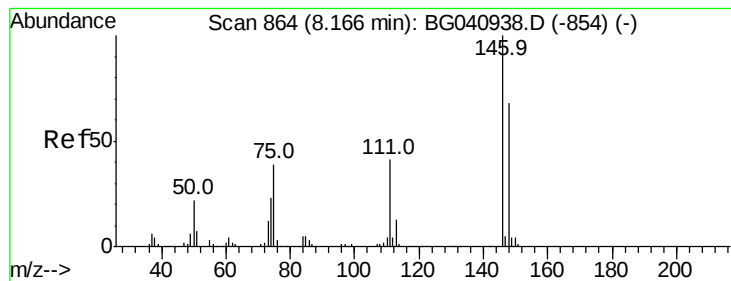
mohammad
6/14/2019 8:36:53 AM



#12
1,3-Dichlorobenzene
Concen: 38.876 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.8	49.2	73.8	
75	36.8	29.4	44.0	





#13

1,4-Dichlorobenzene

Concen: 39.462 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

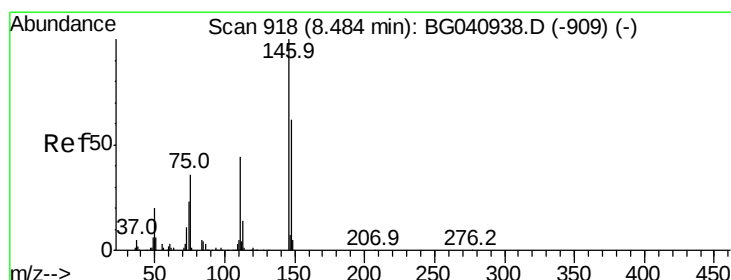
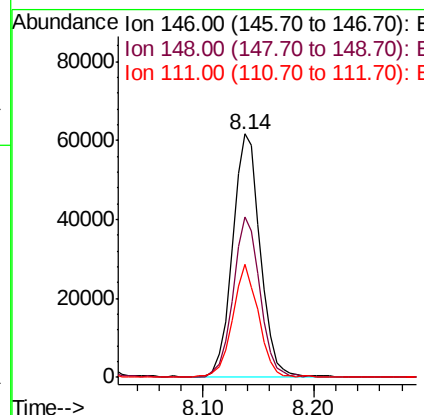
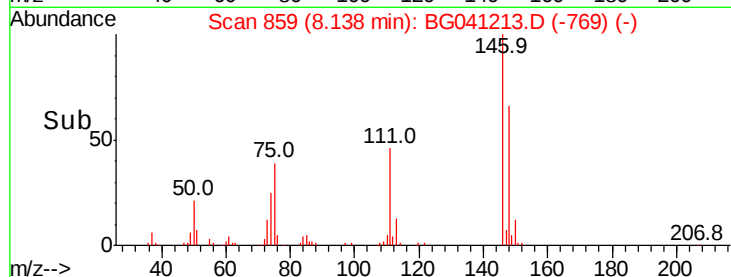
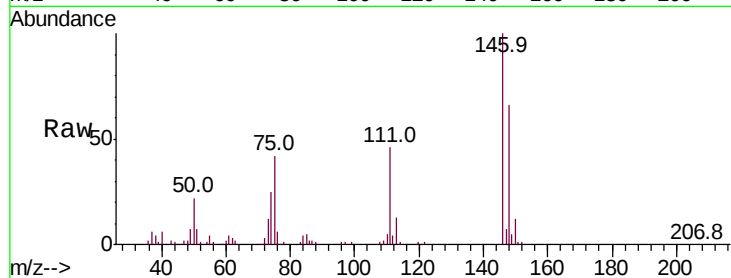
ClientSampleId :

PB120532BS

Tot Ion:	146	Resp:	108012
Ion Ratio	Lower	Upper	
146	100		
148	65.9	54.2	81.4
111	46.2	32.9	49.3

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 38.604 ng

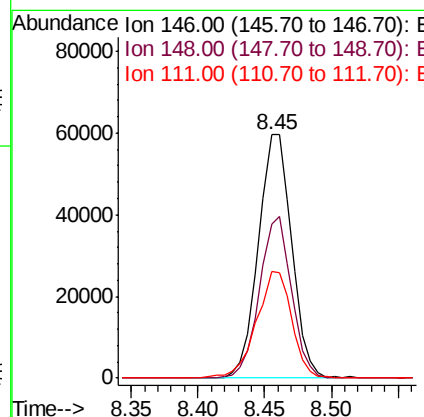
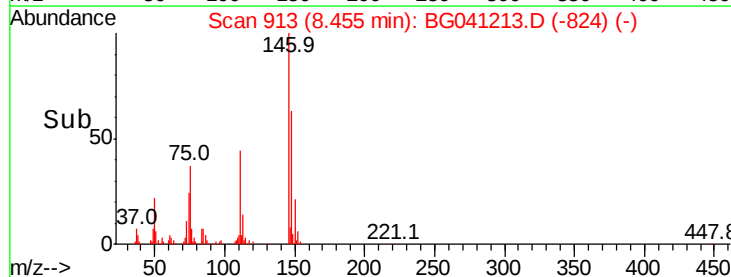
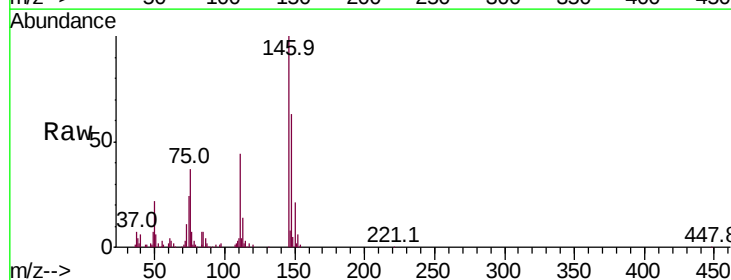
RT: 8.45 min Scan# 913

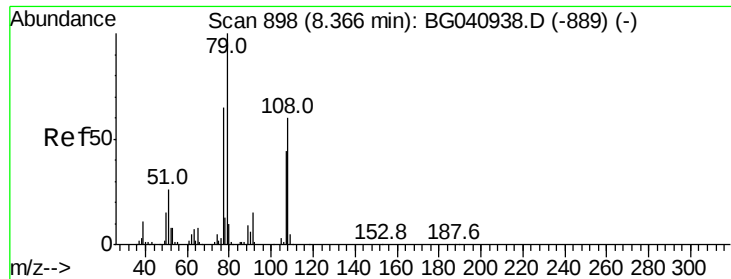
Delta R.T. -0.01 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Tgt Ion:	146	Resp:	102595
Ion Ratio	Lower	Upper	
146	100		
148	63.1	49.8	74.6
111	43.6	35.0	52.4





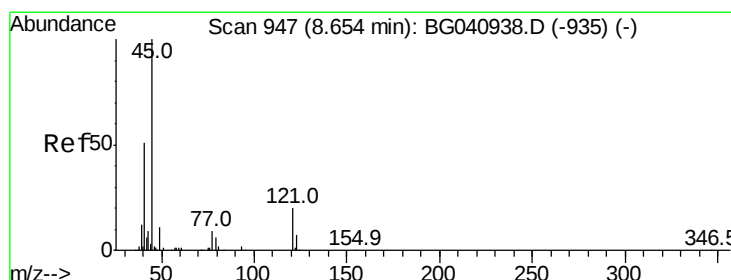
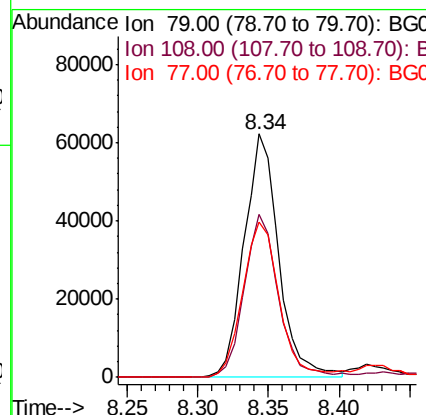
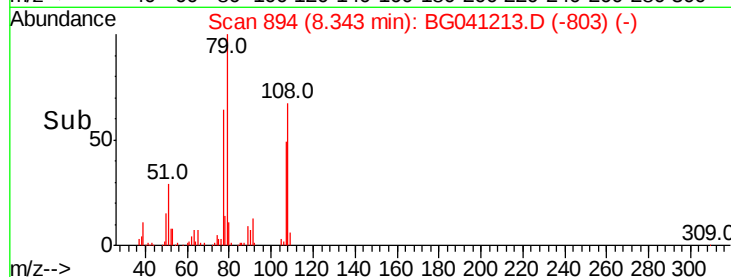
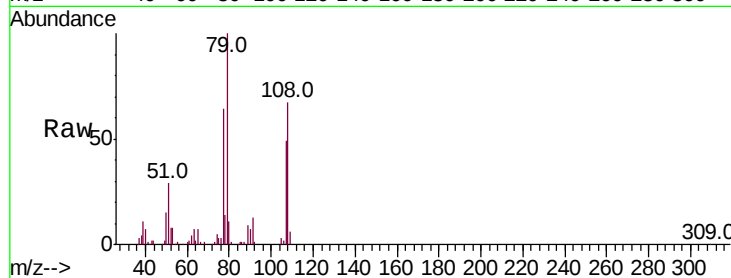
#15
Benzyl Alcohol
Concen: 39.404 ng
RT: 8.34 min Scan# 894
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB120532BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.8	48.3	72.5
77	63.8	52.3	78.5

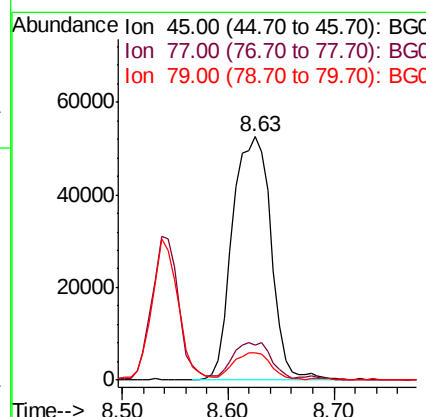
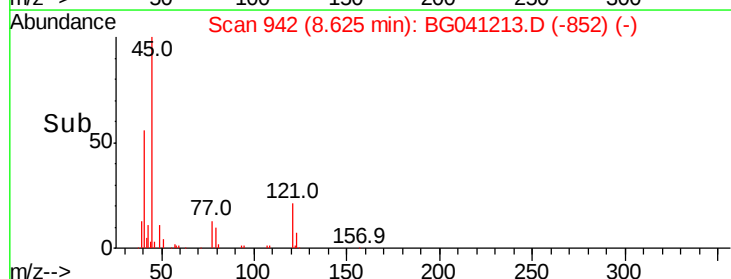
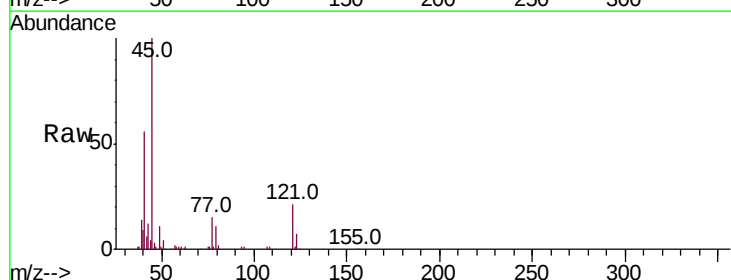
Manual Integrations
APPROVED

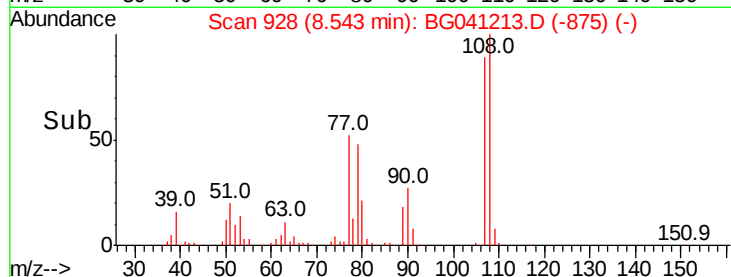
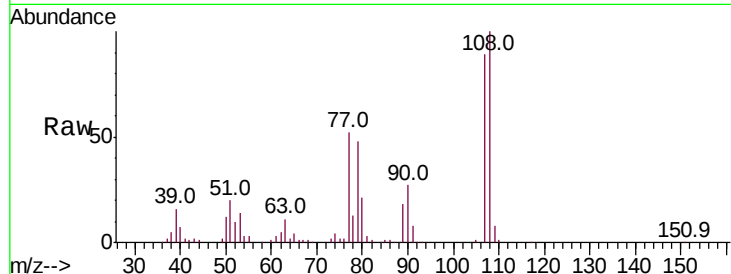
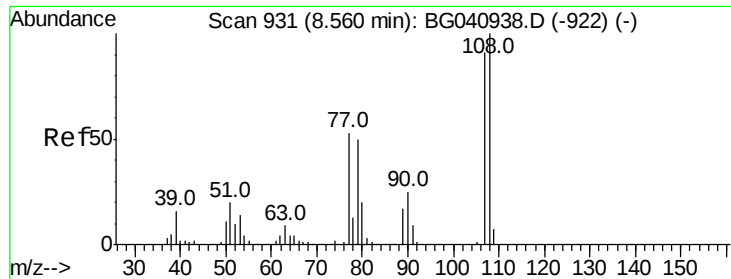
mohammad
6/14/2019 8:36:53 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.623 ng
RT: 8.63 min Scan# 942
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	33.7
79	11.4	0.0	30.2





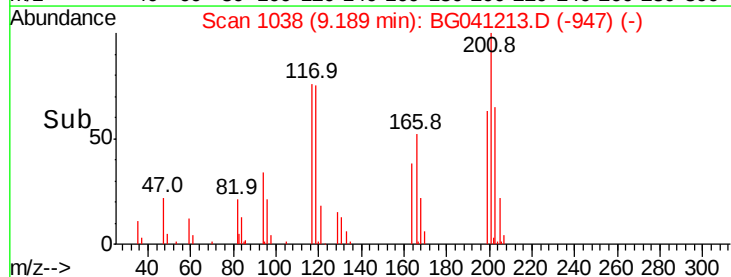
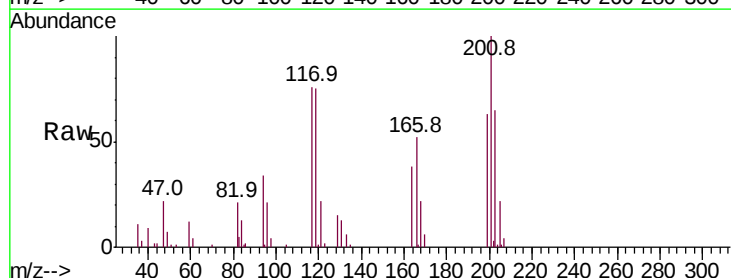
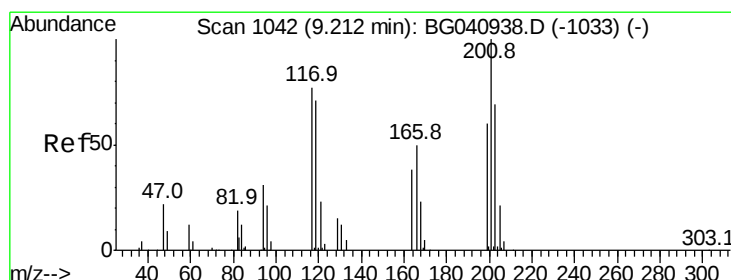
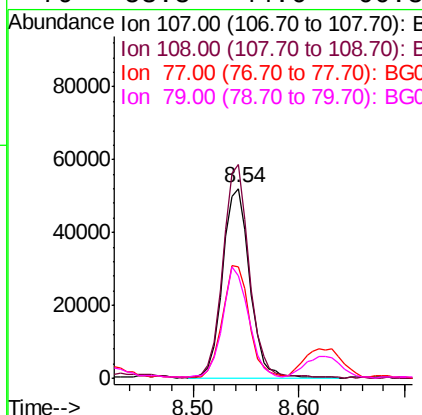
#17
2-Methylphenol
Concen: 40.933 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tot Ion	107	Resp	93200
Ion Ratio	Lower	Upper	
107	100		
108	112.4	87.7	131.5
77	58.4	46.6	70.0
79	53.8	44.6	66.8

Instrument :
BNA_G
ClientSampled :
PB120532BS

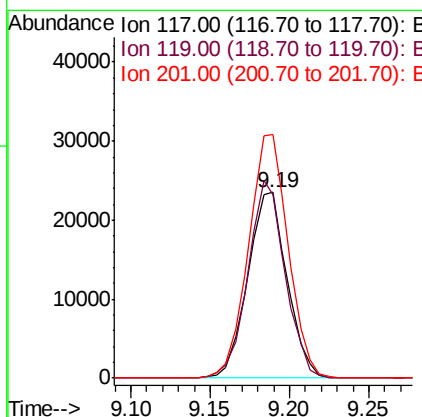
Manual Integrations
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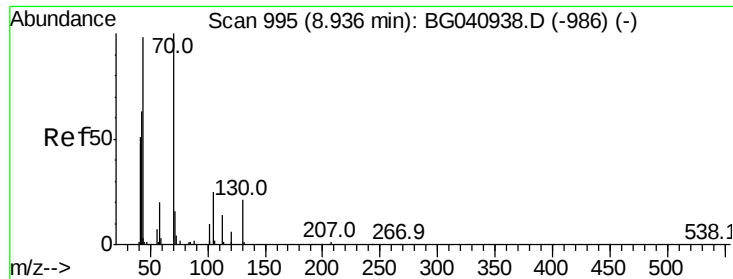
mohammad
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#18
Hexachloroethane
Concen: 38.321 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion	117	Resp	40426
Ion Ratio	Lower	Upper	
117	100		
119	98.7	75.0	112.6
201	131.0	103.5	155.3





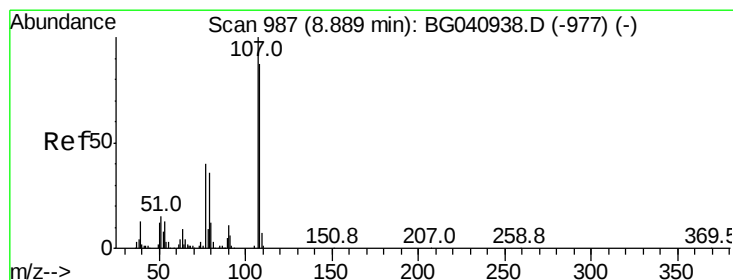
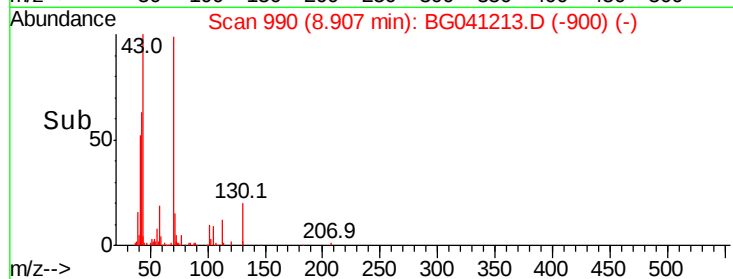
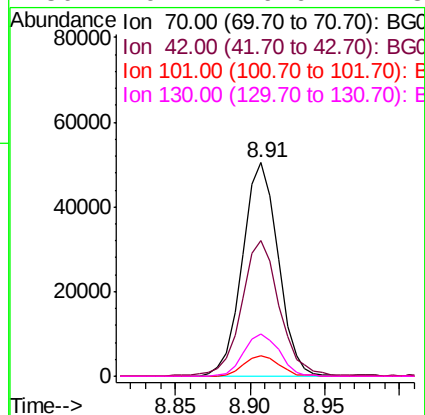
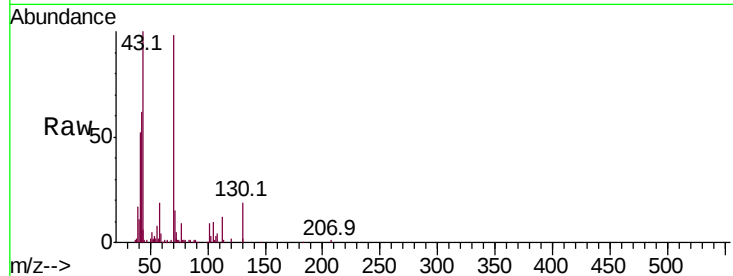
#19
n-Nitroso-di-n-propylamine
Concen: 37.039 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB120532BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.4	51.5	77.3
101	9.6	8.1	12.1
130	19.7	16.6	24.8

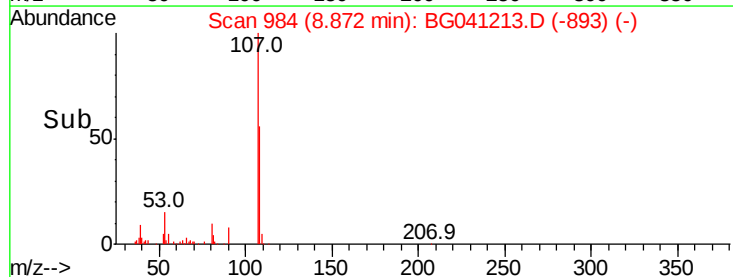
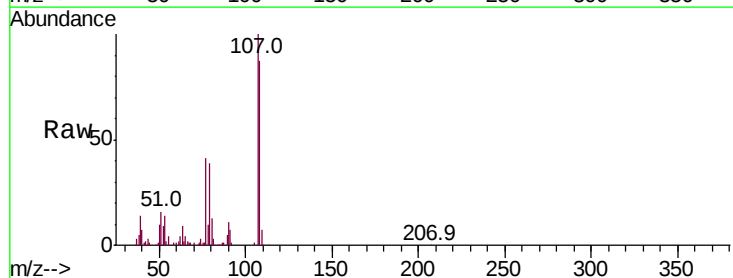
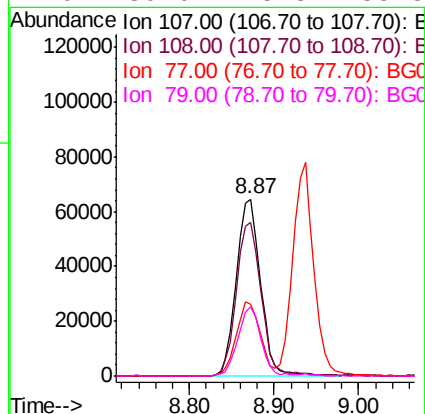
Manual Integrations
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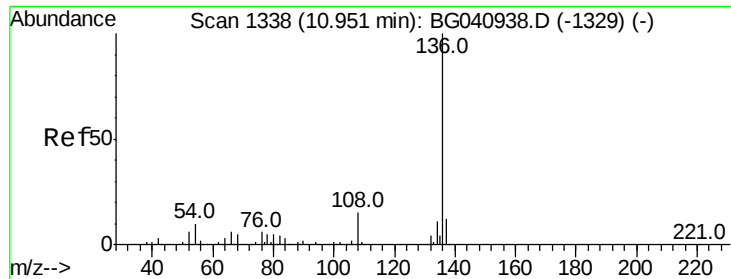
mohammad
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#20
3+4-Methylphenols
Concen: 40.314 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	66.8	106.8
77	40.9	20.5	60.5
79	39.0	15.8	55.8





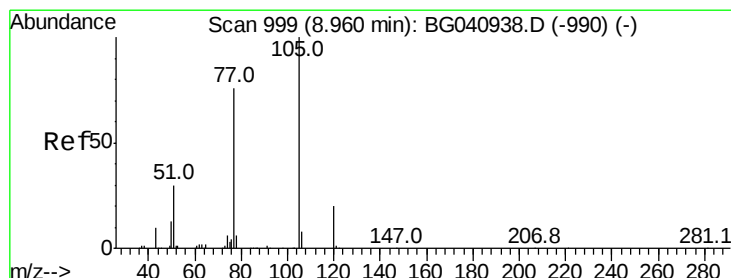
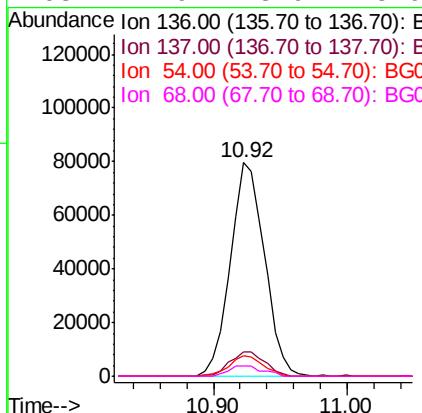
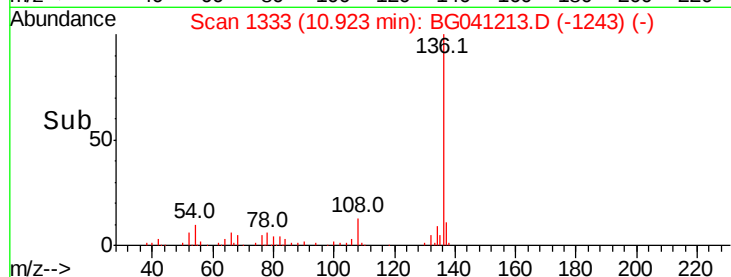
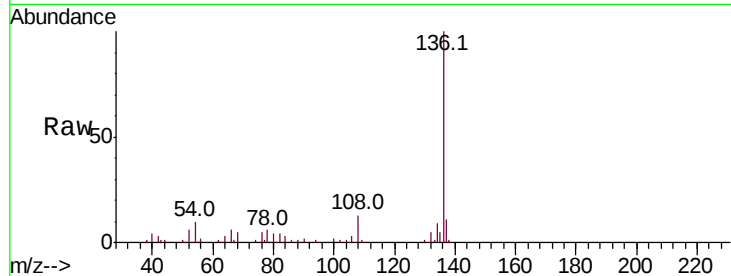
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB120532BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	141674		
137	11.4	9.5	14.3	
54	9.7	7.6	11.4	
68	4.9	3.9	5.9	

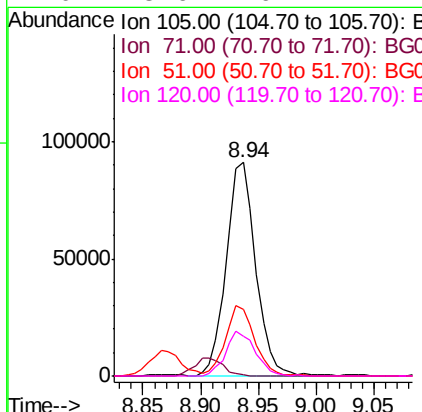
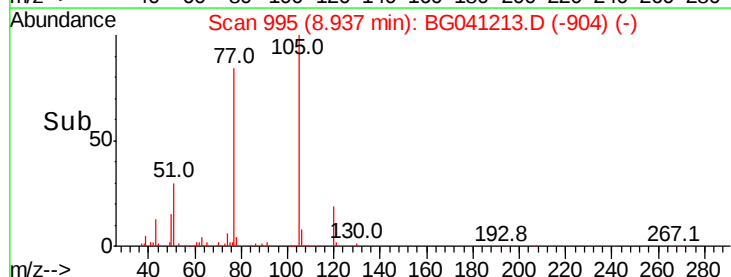
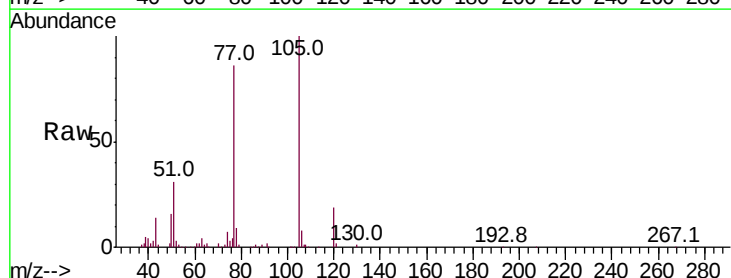
Manual Integrations
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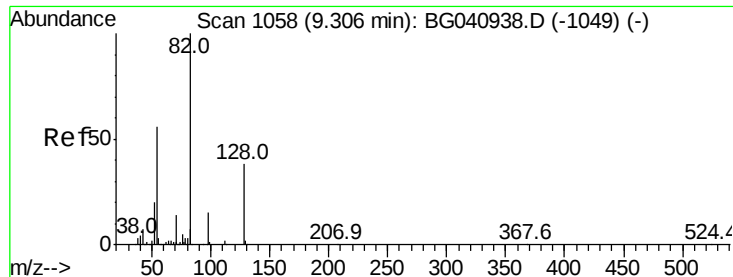
mohammad
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#22
Acetophenone
Concen: 40.358 ng
RT: 8.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	160392		
71	0.4	0.4	0.6#	
51	31.0	27.0	40.6	
120	18.6	16.2	24.4	





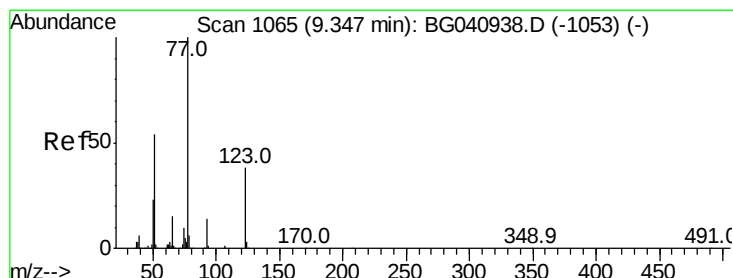
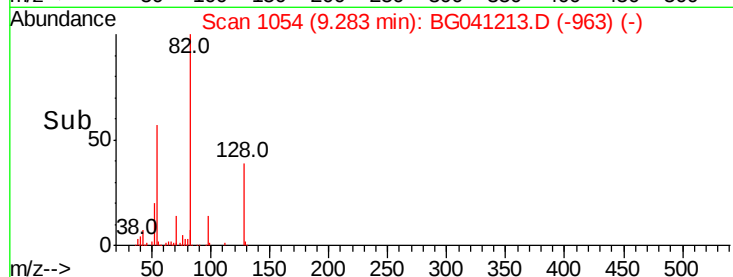
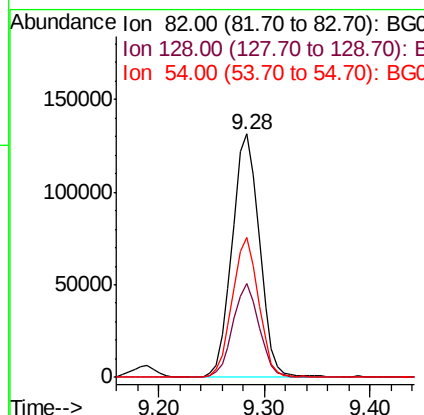
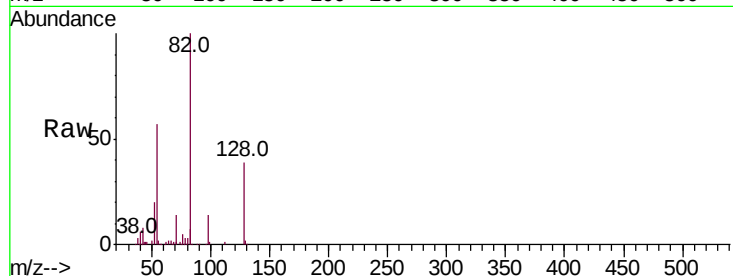
#23
 Nitrobenzene-d5
 Concen: 73.697 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Instrument :
 BNA_G
 ClientSampleId :
 PB120532BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	38.6	30.5	45.7
54	57.4	44.6	66.8

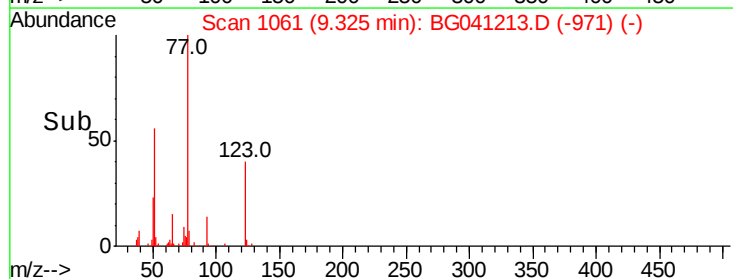
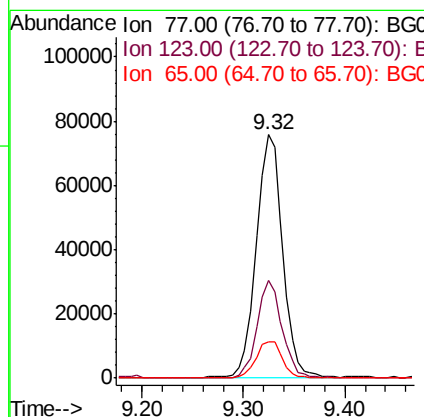
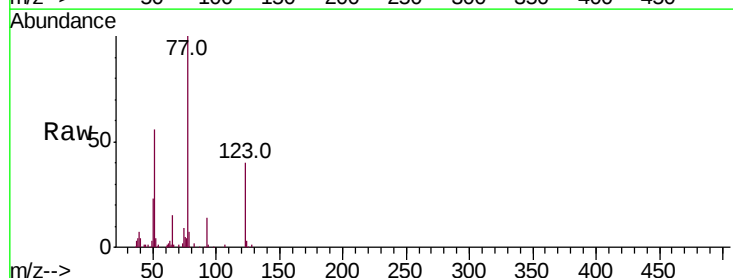
Manual Integrations
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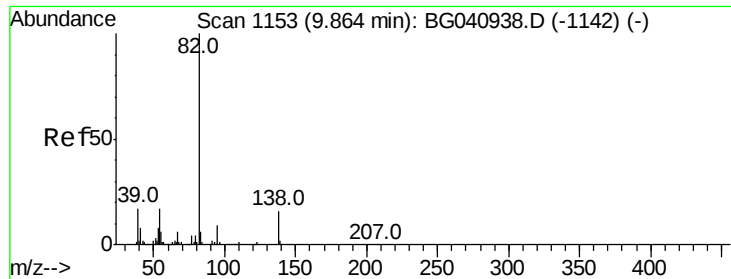
mohammad
 6/14/2019 8:36:53 AM



#24
 Nitrobenzene
 Concen: 42.271 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	40.3	30.6	46.0
65	14.7	12.3	18.5





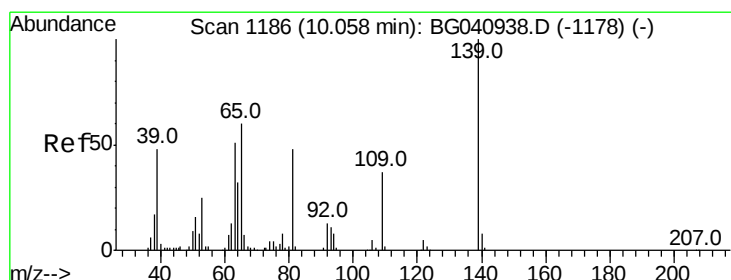
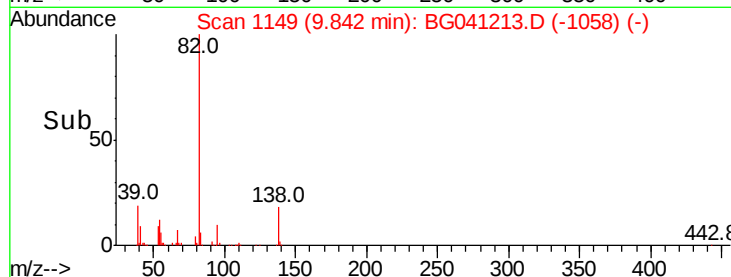
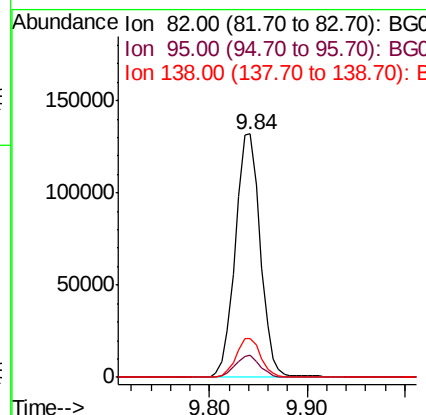
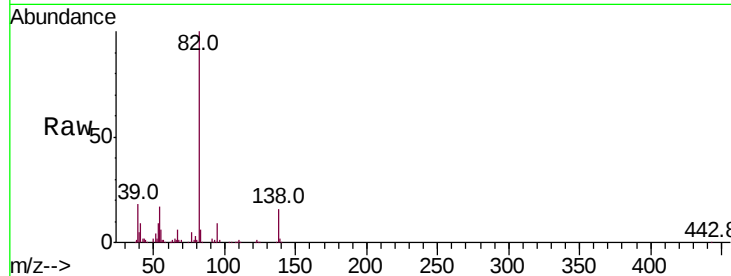
#25
Isophorone
Concen: 38.770 ng
RT: 9.84 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB120532BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	9.2	7.0	10.4	
138	15.9	12.6	19.0	

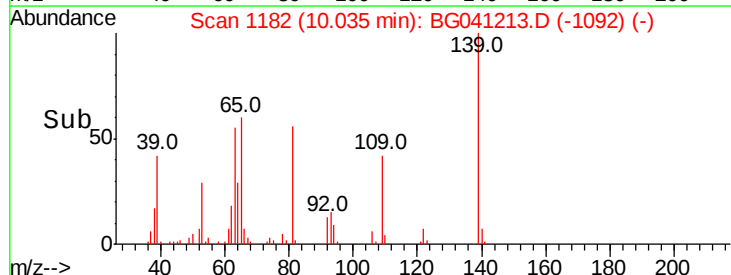
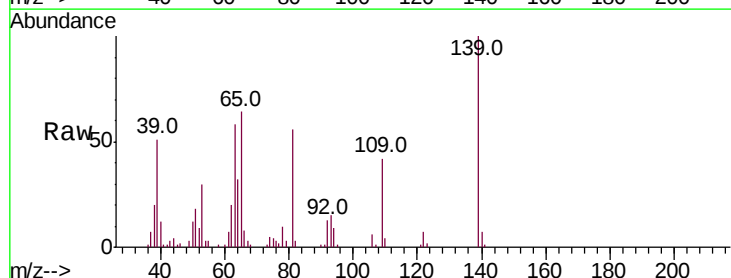
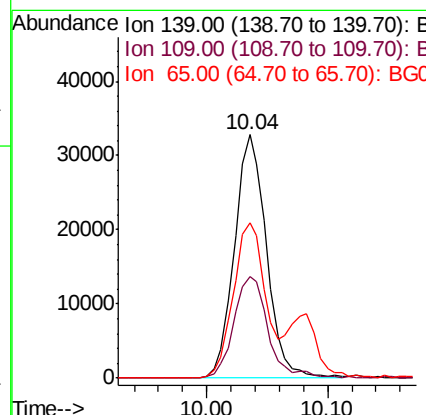
Manual Integrations
APPROVED

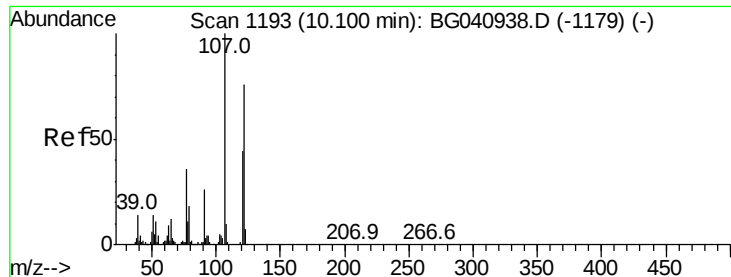
mohammad
6/14/2019 8:36:53 AM



#26
2-Nitrophenol
Concen: 45.175 ng
RT: 10.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	41.7	29.8	44.6	
65	63.5	47.8	71.6	





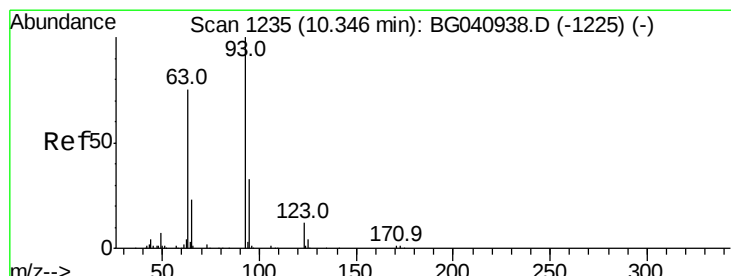
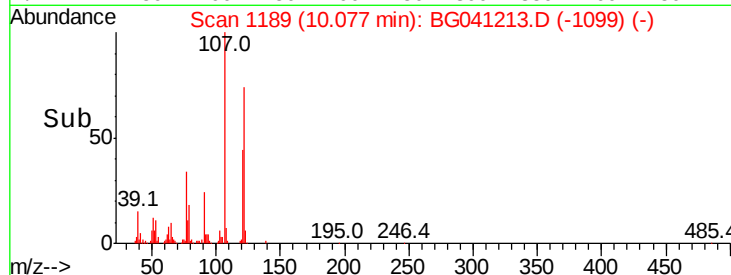
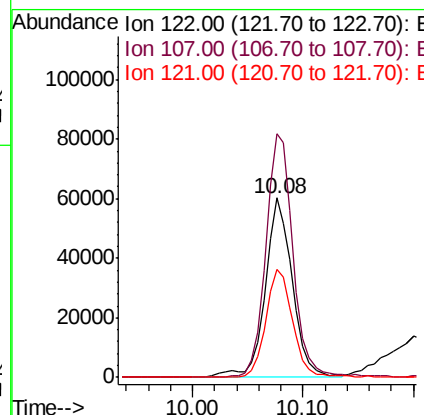
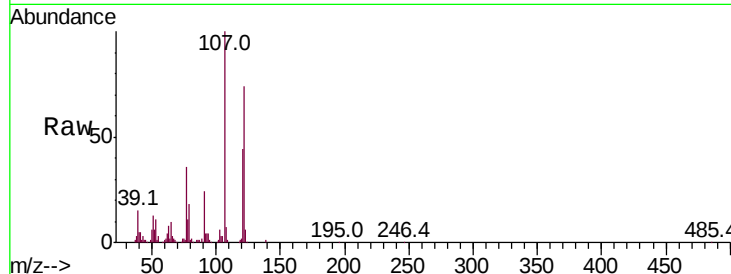
#27
2,4-Dimethylphenol
Concen: 46.835 ng
RT: 10.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampled :
PB120532BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	135.8	105.9	158.9
121	59.9	46.2	69.4

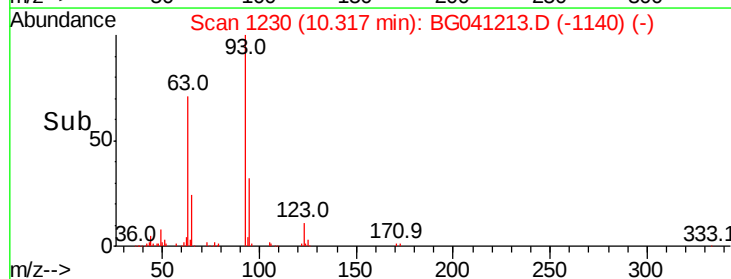
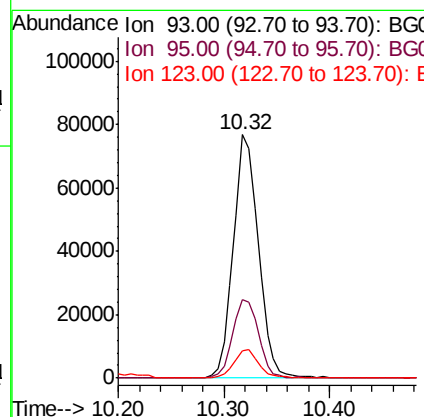
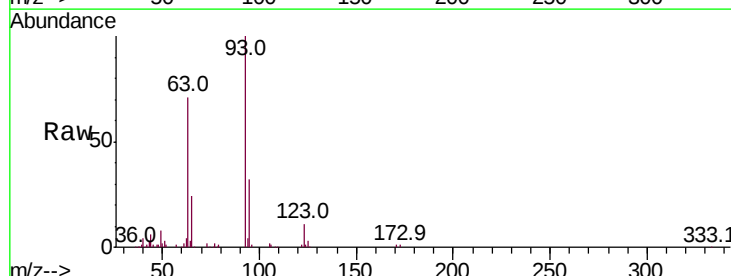
Manual Integrations
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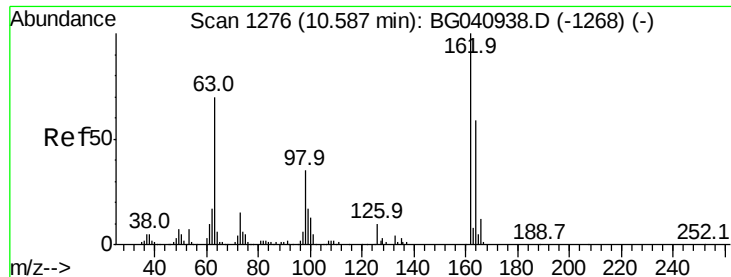
mohammad
6/14/2019 8:36:53 AM



#28
bis(2-Chloroethoxy)methane
Concen: 38.416 ng
RT: 10.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.2	39.2
123	11.0	9.5	14.3





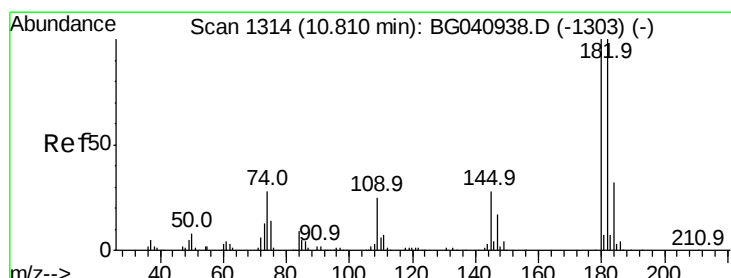
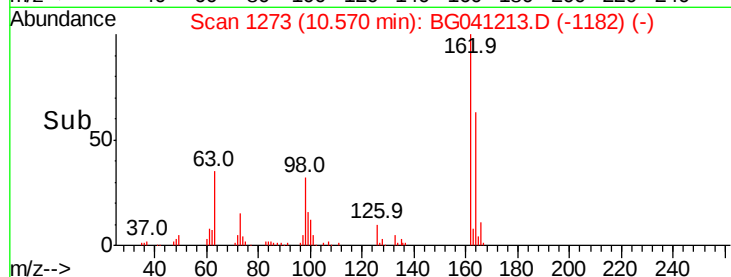
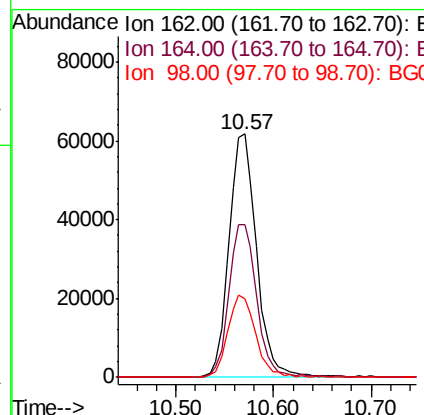
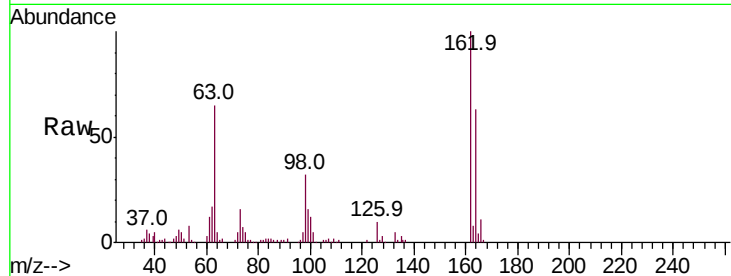
#29
2,4-Dichlorophenol
Concen: 43.093 ng
RT: 10.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB120532BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	121172		
164	62.7	39.4	79.4	
98	32.4	15.3	55.3	

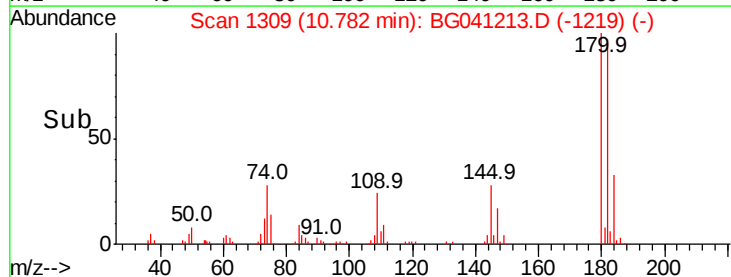
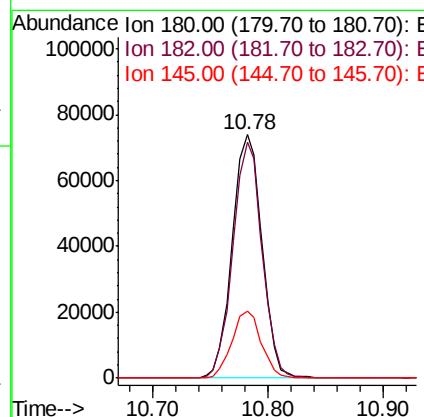
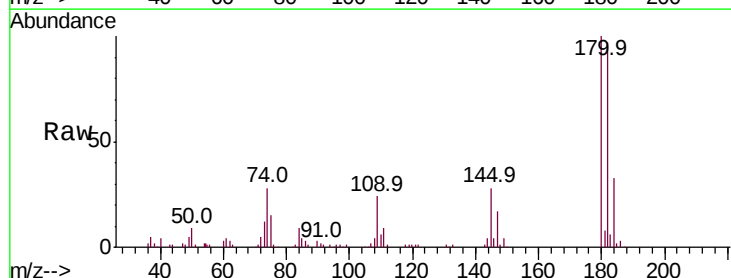
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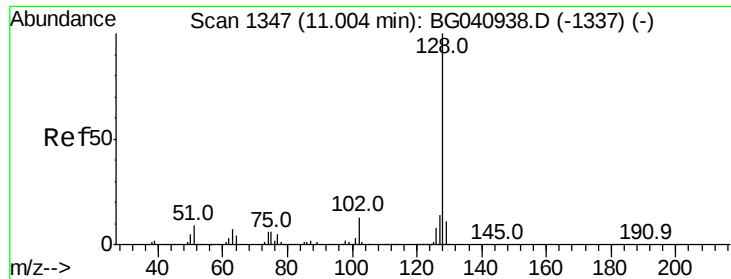
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.148 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	131622		
182	97.0	79.7	119.5	
145	27.7	22.6	34.0	





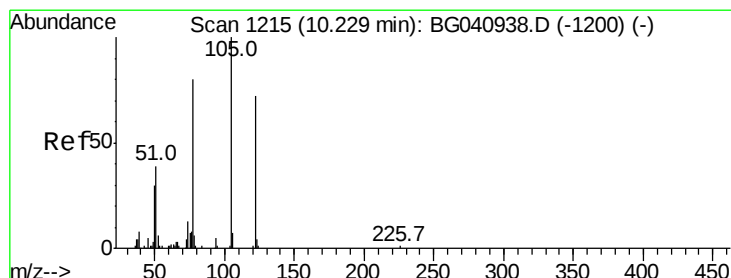
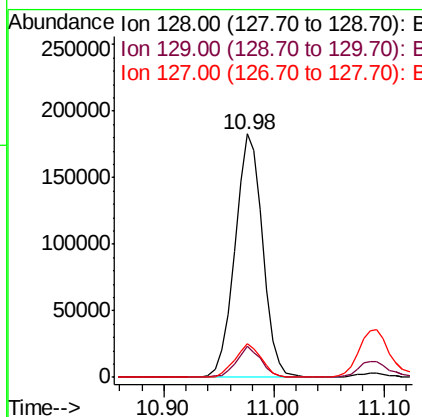
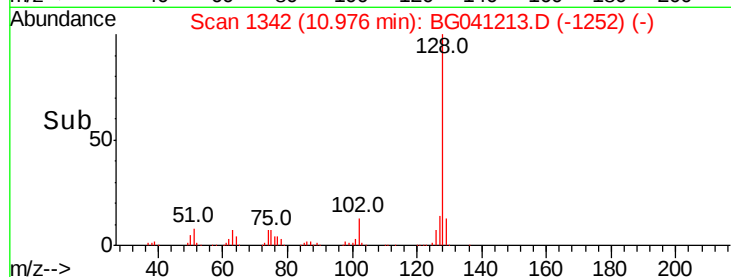
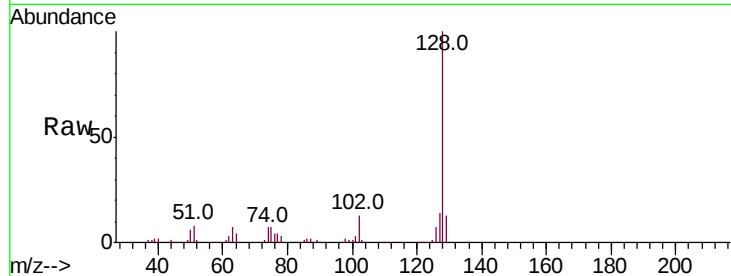
#31
Naphthalene
Concen: 42.267 ng
RT: 10.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB120532BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.5	12.7
127	14.1	11.4	17.2

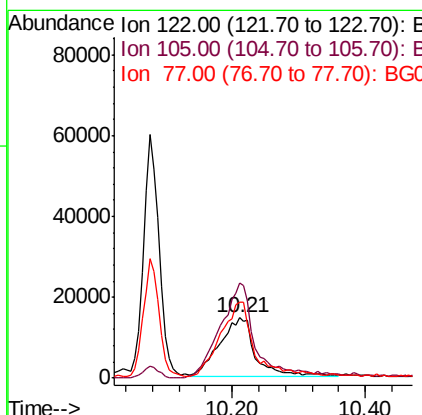
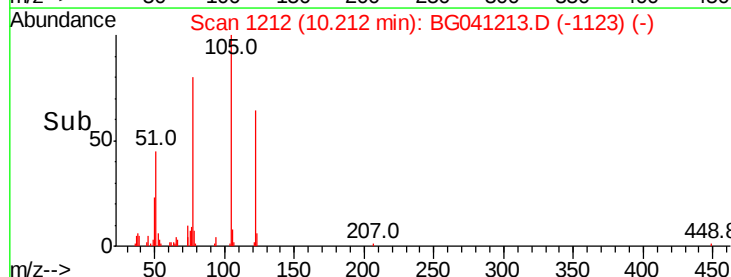
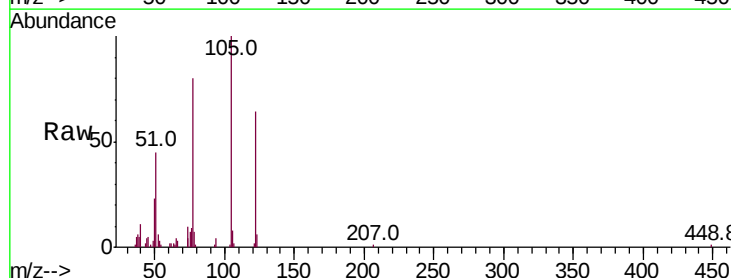
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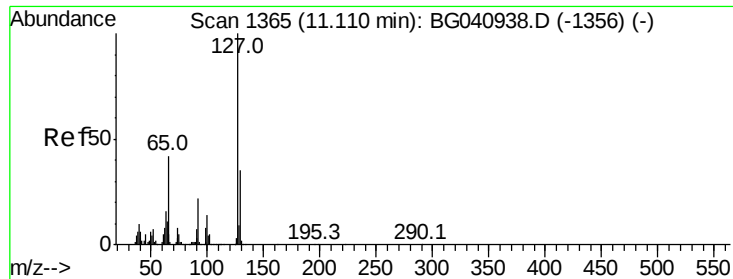
mohammad
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#32
Benzoic acid
Concen: 35.446 ng m
RT: 10.21 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	157.1	114.8	154.8#
77	125.4	89.9	129.9





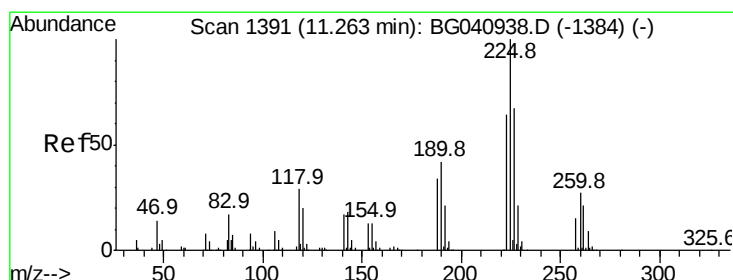
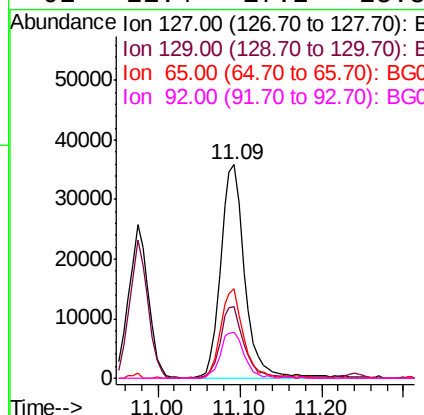
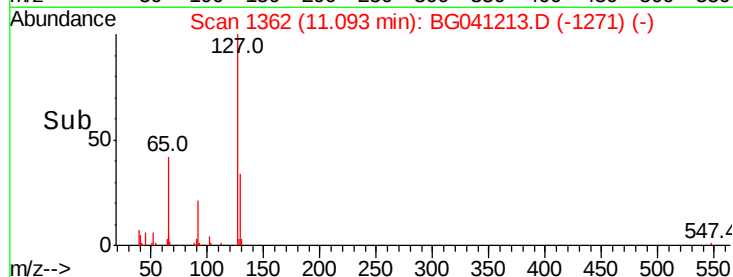
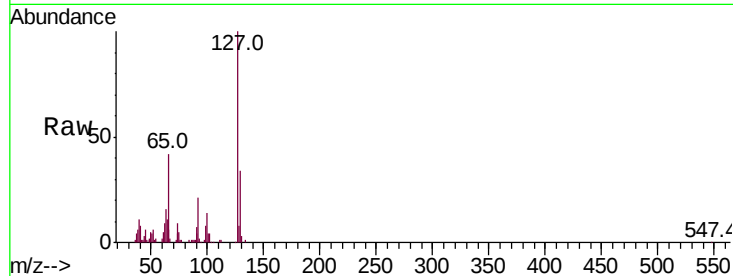
#33
4-Chloroaniline
Concen: 20.893 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampled :
PB120532BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.9	27.7	41.5
65	41.9	33.2	49.8
92	21.4	17.2	25.8

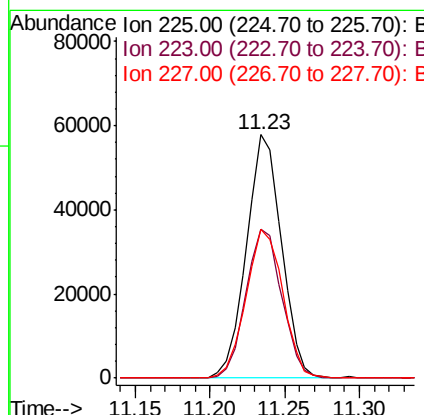
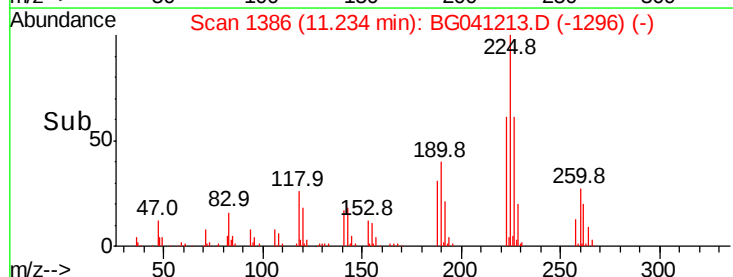
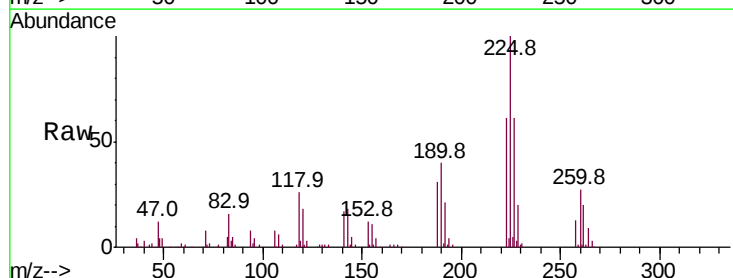
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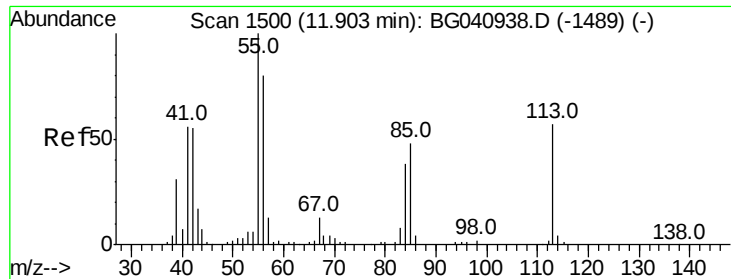
mohammad
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#34
Hexachlorobutadiene
Concen: 38.270 ng
RT: 11.23 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	48.8	73.2
227	61.0	51.4	77.0





#35

Caprolactam

Concen: 36.279 ng

RT: 11.88 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampled :

PB120532BS

Tot Ion:113 Resp: 33687

Ion Ratio Lower Upper

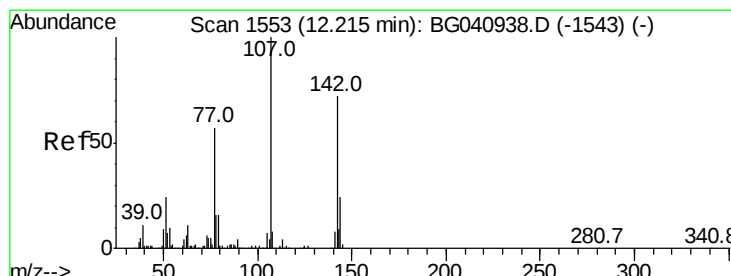
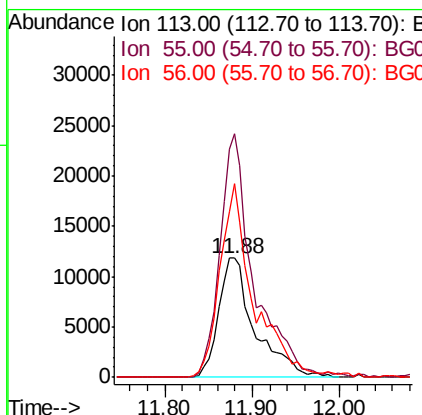
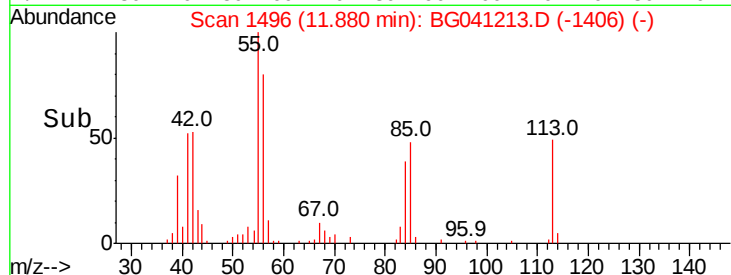
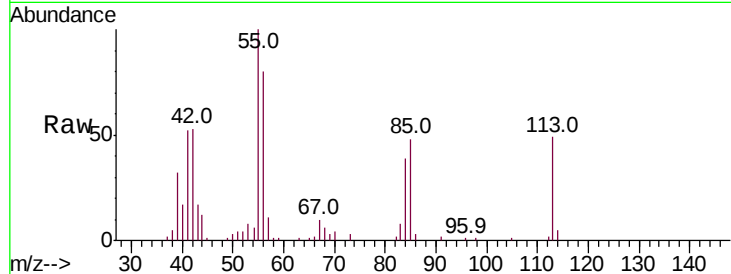
113 100

55 204.4 155.9 195.9#

56 162.9 119.9 159.9#

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#36

4-Chloro-3-methylphenol

Concen: 40.538 ng

RT: 12.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

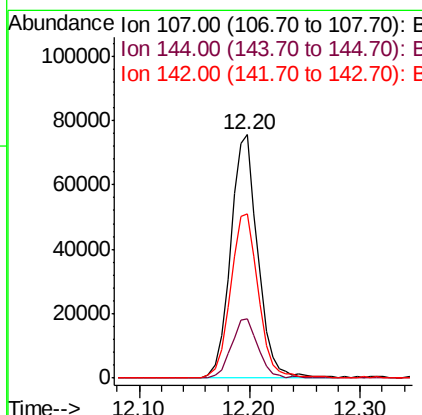
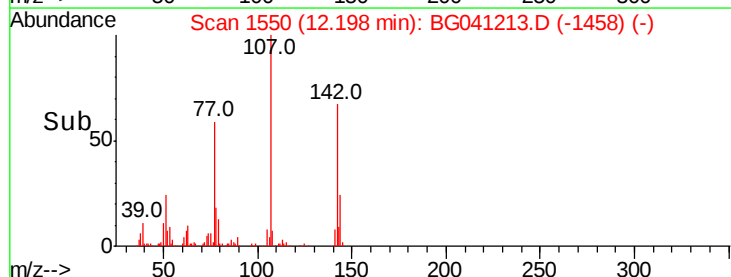
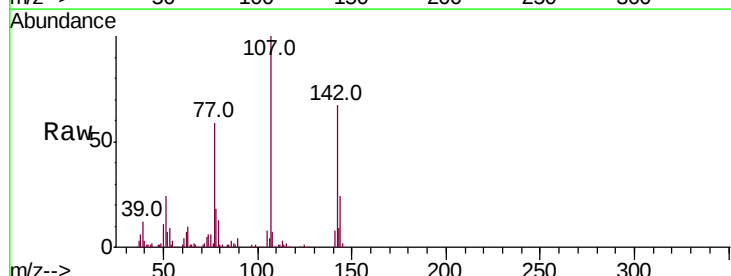
Tgt Ion:107 Resp: 130183

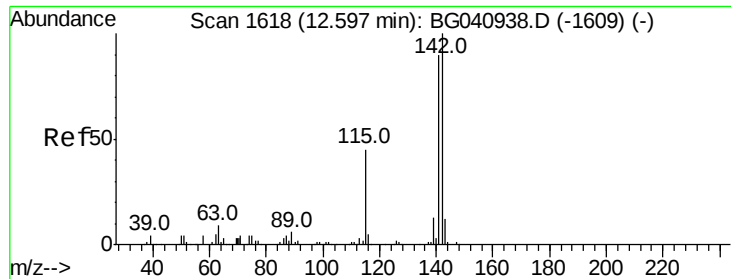
Ion Ratio Lower Upper

107 100

144 24.3 19.4 29.0

142 67.5 57.3 85.9





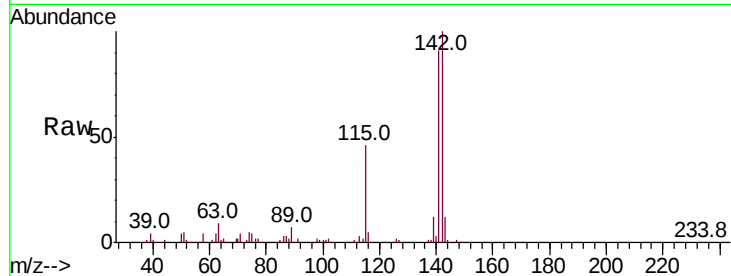
#37
2-Methylnaphthalene
Concen: 41.720 ng
RT: 12.57 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB120532BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.2	108.4
115	45.6	36.2	54.4

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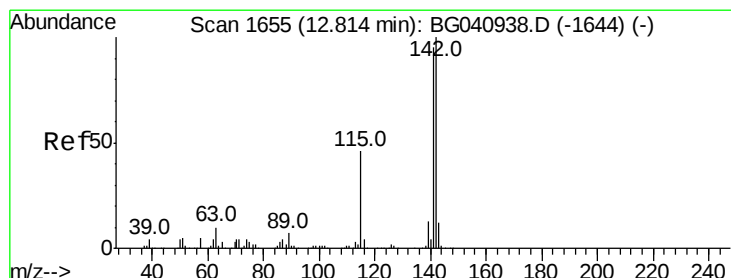
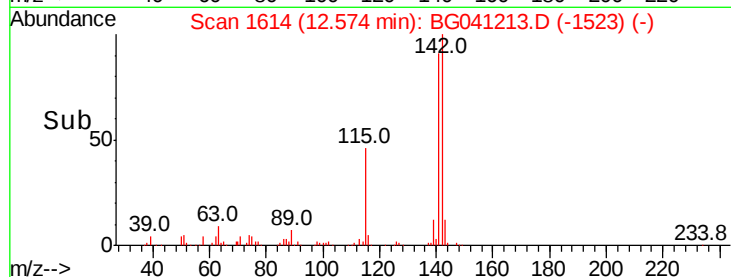
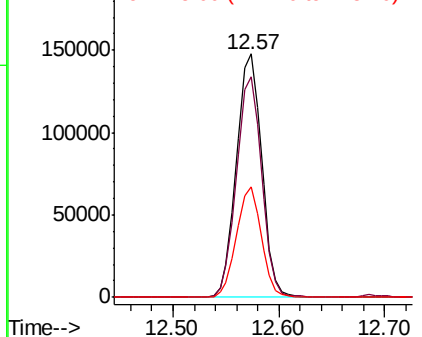


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.820 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

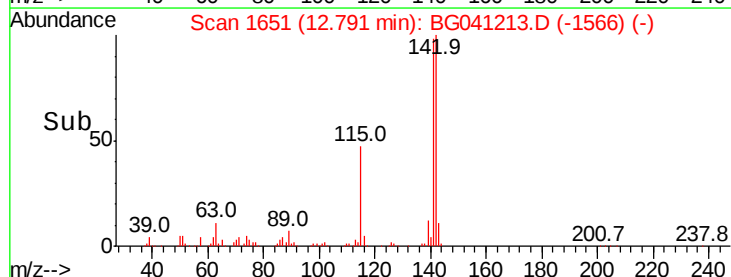
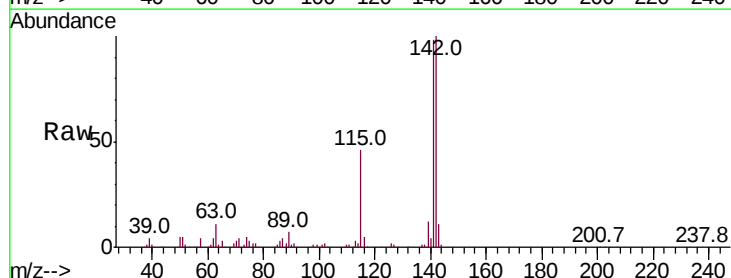
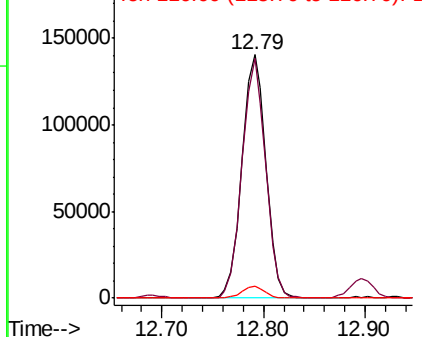
Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.3	75.7	113.5
116	4.8	3.4	5.2

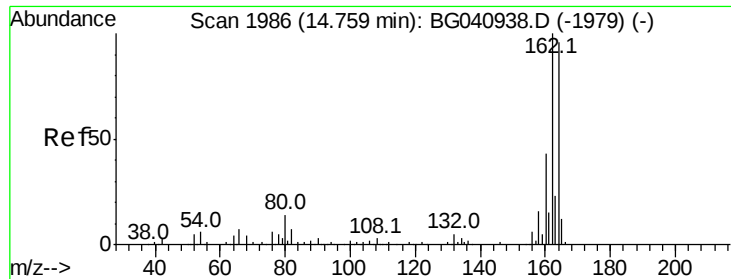
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





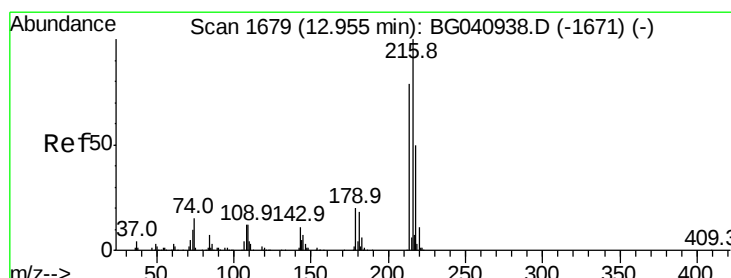
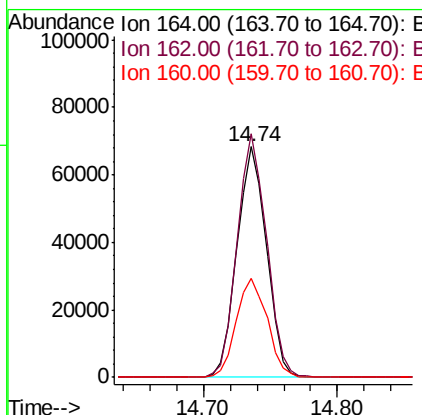
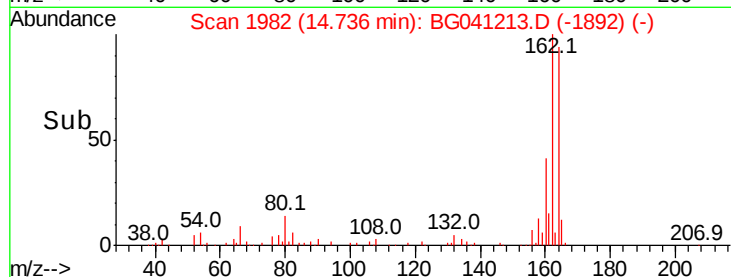
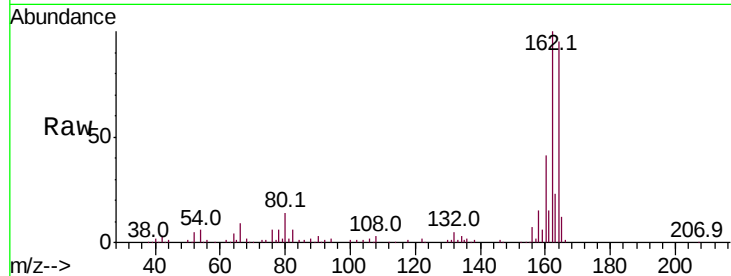
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB120532BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.5	83.0	124.4	
160	42.8	35.6	53.4	

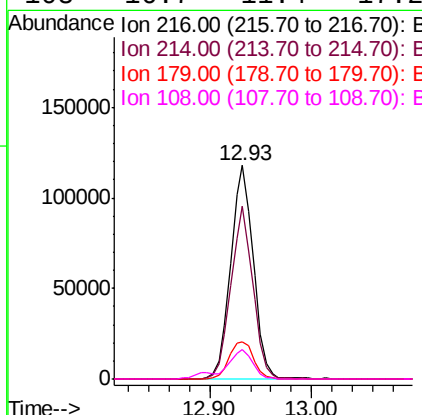
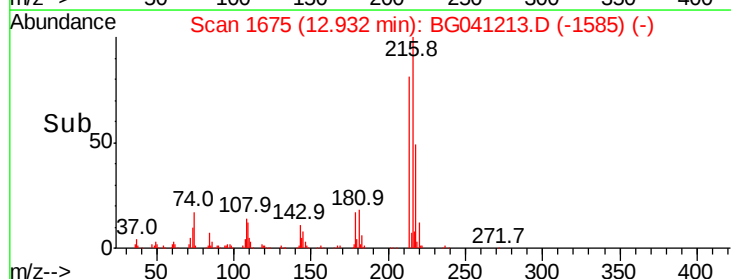
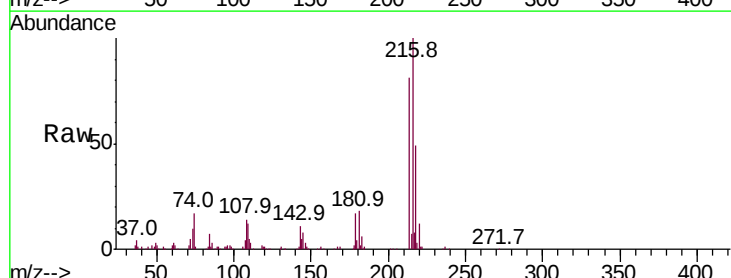
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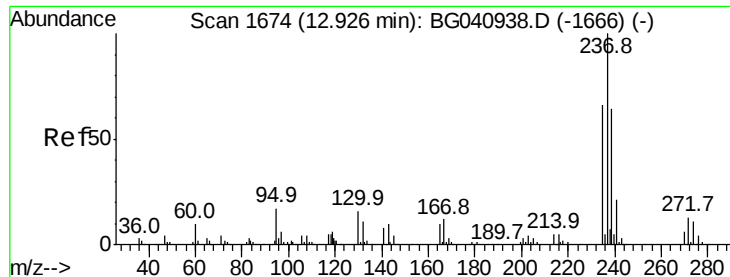
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.180 ng
RT: 12.93 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	63.4	95.2	
179	18.8	15.2	22.8	
108	16.7	11.4	17.2	





#41

Hexachlorocyclopentadiene

Concen: 83.359 ng

RT: 12.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

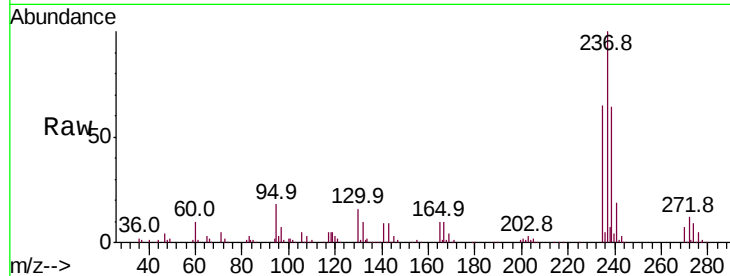
ClientSampleId :

PB120532BS

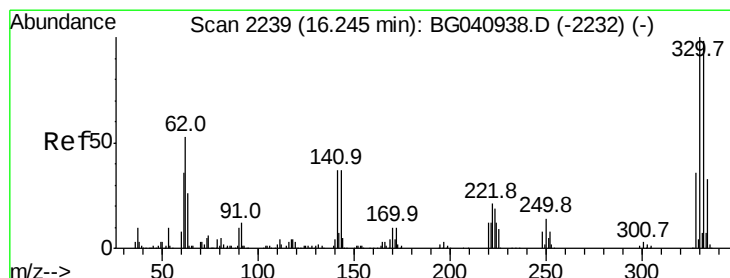
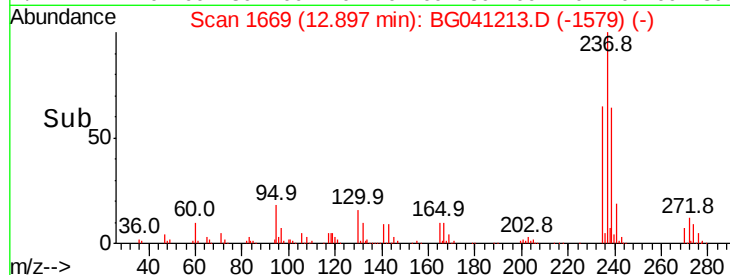
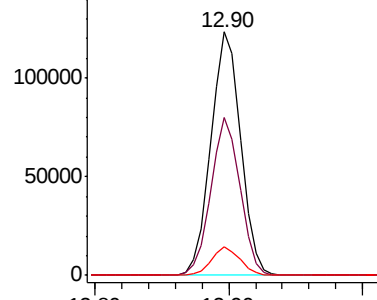
Tot Ion:	237	Resp:	189892
Ion Ratio	Lower	Upper	
237	100		
235	65.0	45.5	85.5
272	11.8	0.0	32.9

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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: 79.332 ng

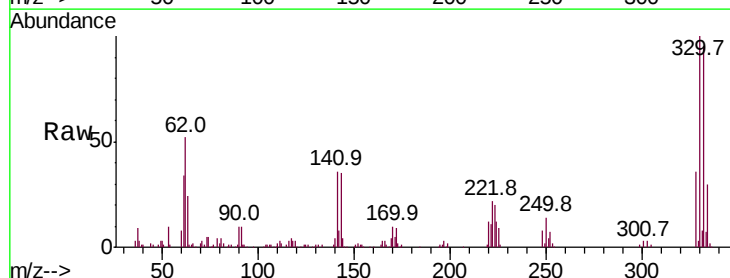
RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

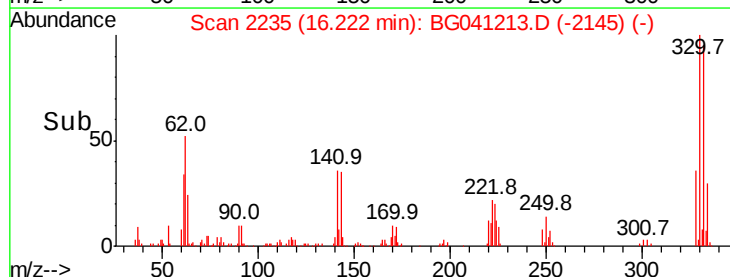
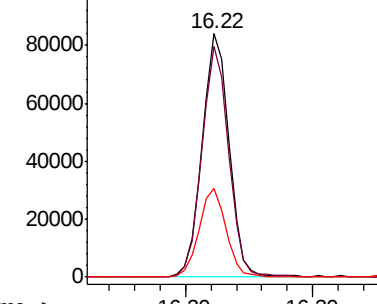
Lab File: BG041213.D

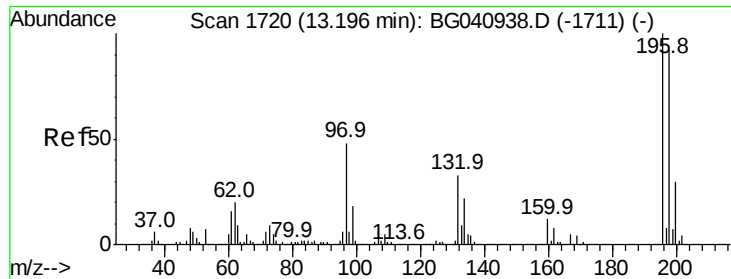
Acq: 12 Jun 2019 19:29

Tgt Ion:	330	Resp:	123259
Ion Ratio	Lower	Upper	
330	100		
332	94.2	78.5	117.7
141	36.4	28.7	43.1



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





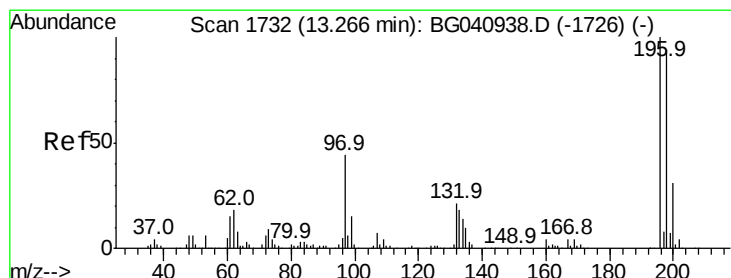
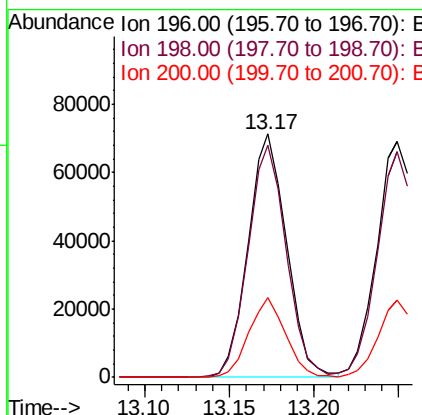
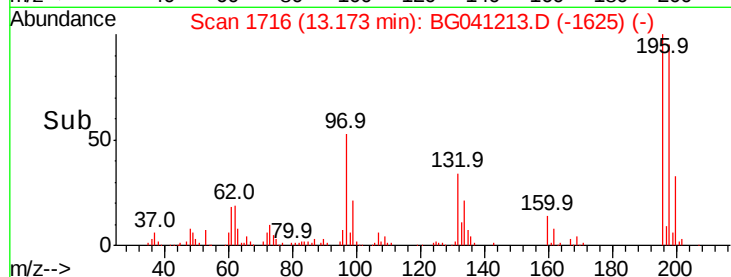
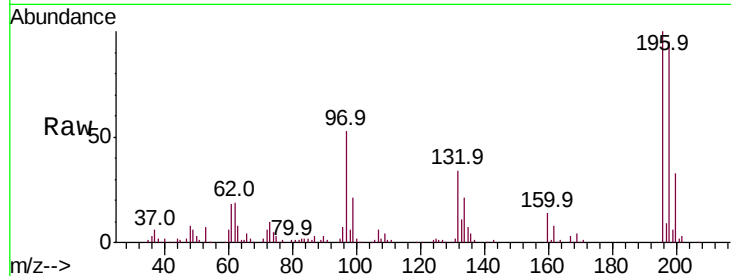
#43
 2,4,6-Trichlorophenol
 Concen: 41.457 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Instrument :
 BNA_G
 ClientSampled :
 PB120532BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	113130		
198	95.4	73.8	110.6	
200	32.5	24.1	36.1	

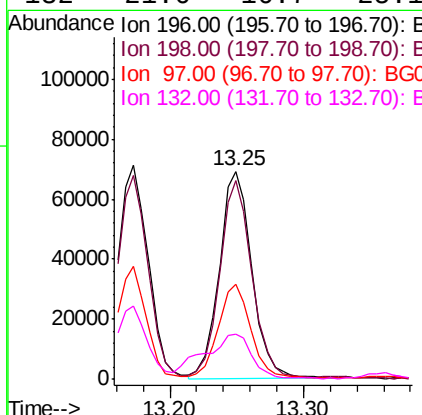
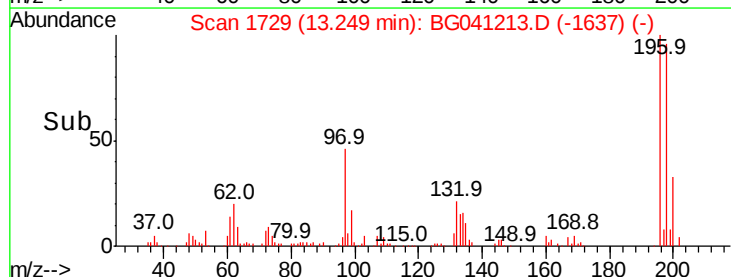
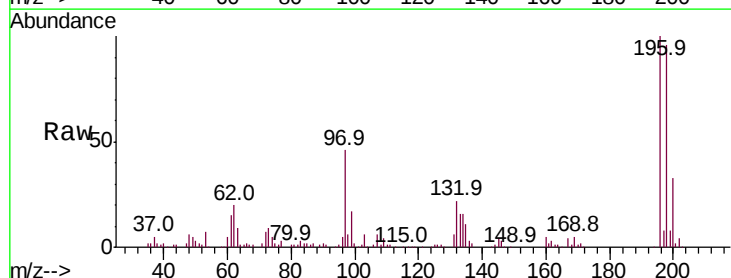
Manual Integrations
 APPROVED

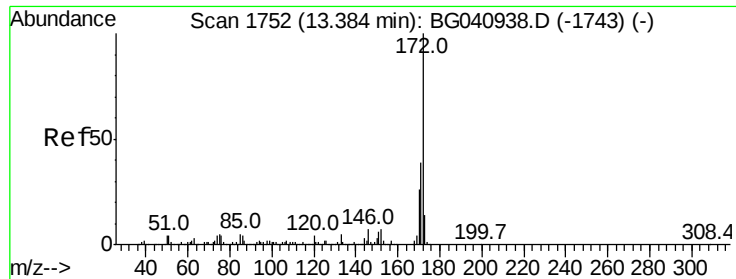
mohammad
 6/14/2019 8:36:53 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.951 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	117854		
198	95.6	75.1	112.7	
97	45.8	35.6	53.4	
132	21.6	16.7	25.1	





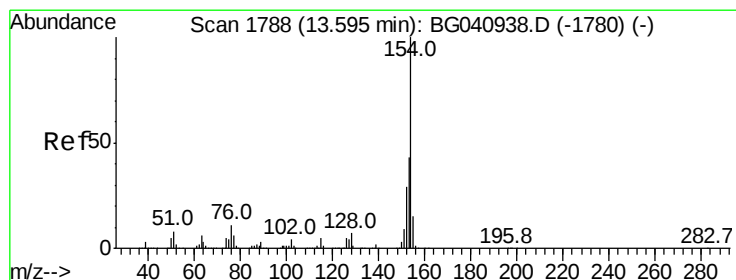
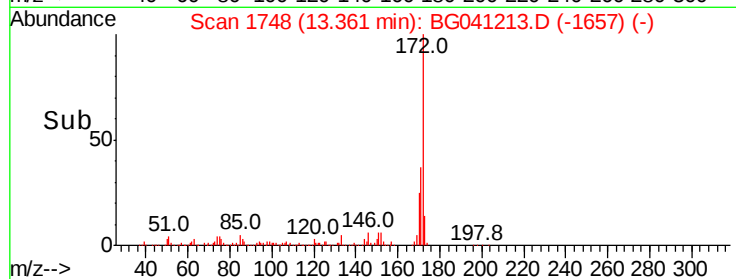
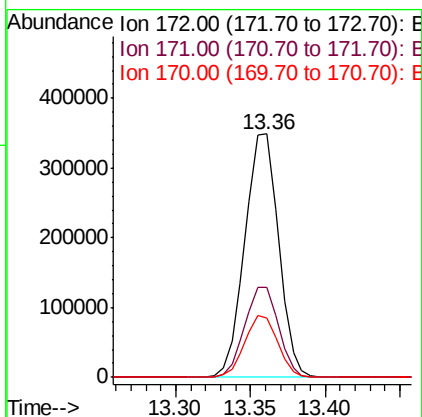
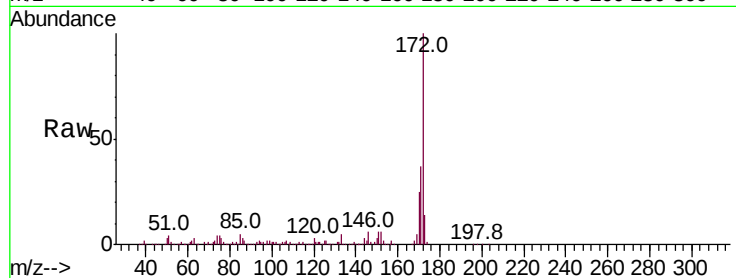
#45
2-Fluorobiphenyl
Concen: 75.349 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB120532BS

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	36.7	31.1	46.7
170	24.6	20.5	30.7

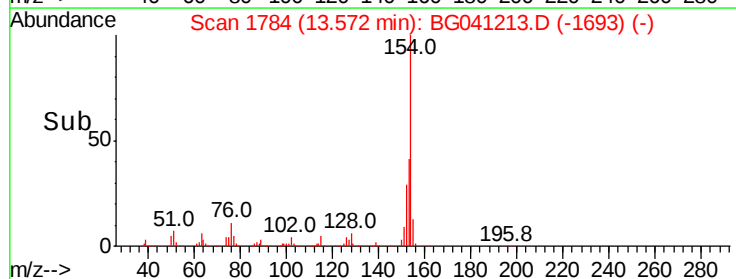
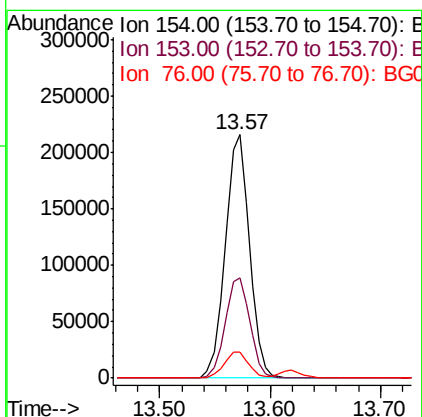
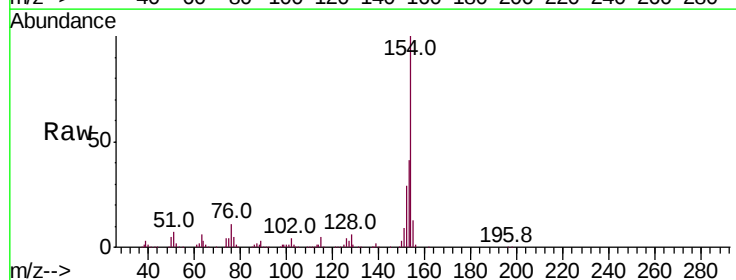
Manual Integrations
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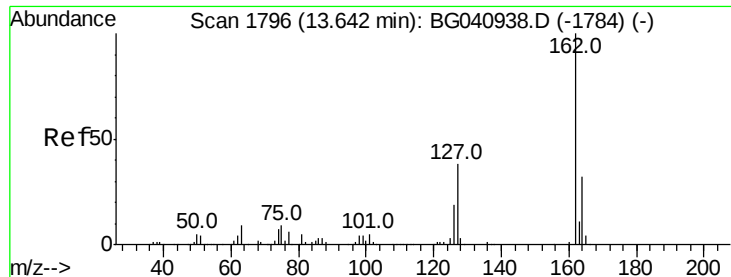
mohammad
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#46
1,1'-Biphenyl
Concen: 42.798 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	41.1	23.3	63.3
76	10.7	0.0	31.1





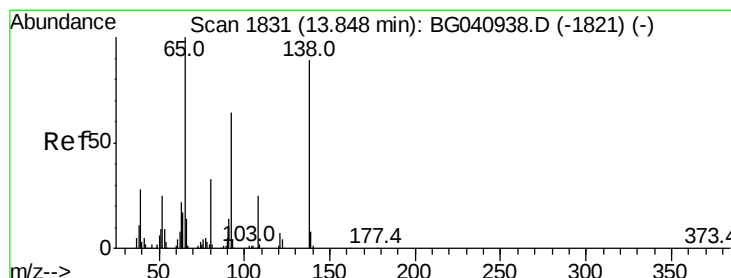
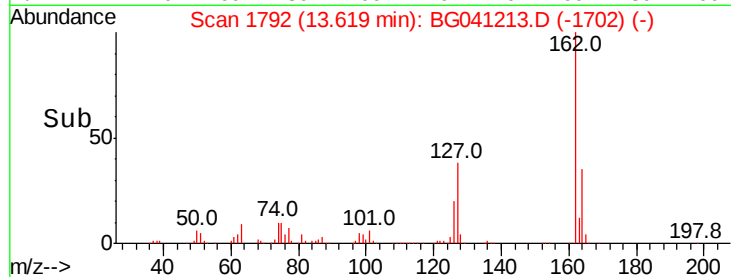
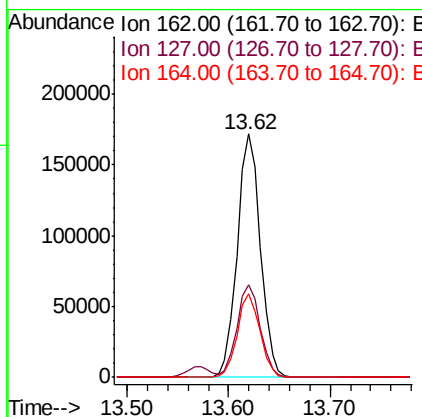
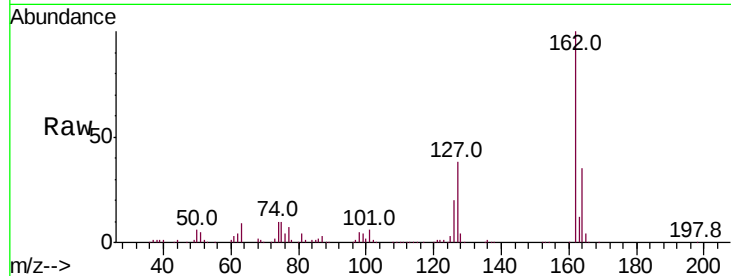
#47
2-Chloronaphthalene
Concen: 40.833 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB120532BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	271564		
127	38.3		30.5	45.7
164	34.5		25.8	38.6

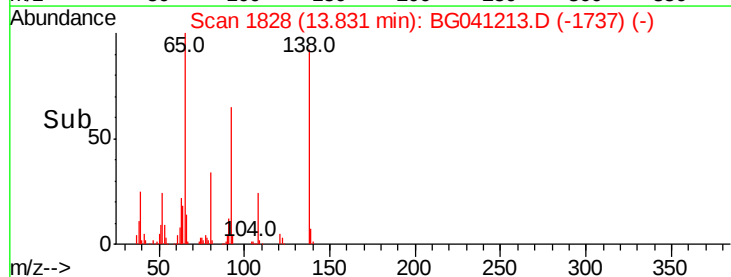
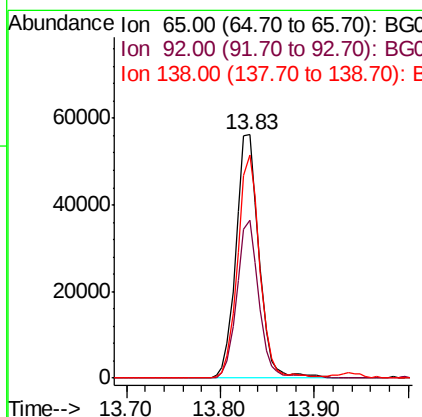
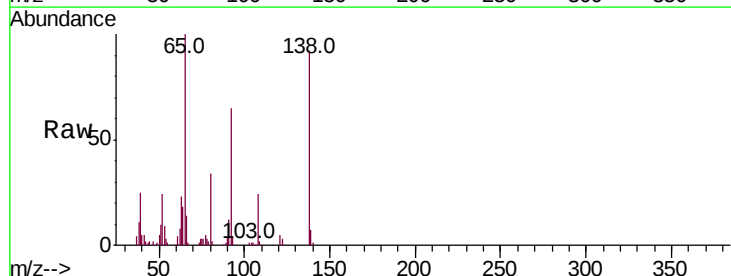
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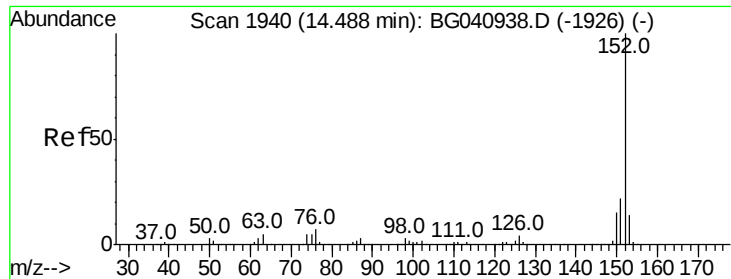
mohammad
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#48
2-Nitroaniline
Concen: 40.119 ng
RT: 13.83 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	95719		
92	64.8		51.0	76.6
138	91.7		71.2	106.8





#49

Acenaphthylene

Concen: 41.680 ng

RT: 14.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

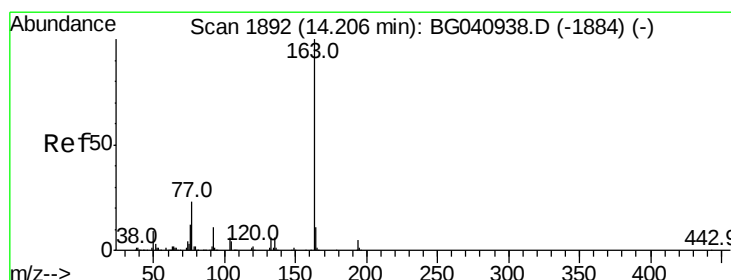
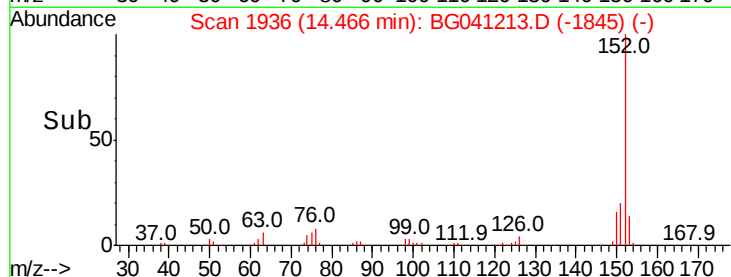
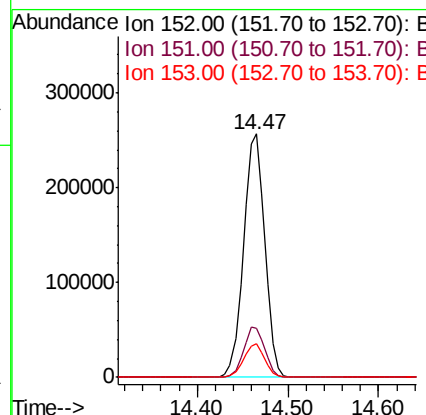
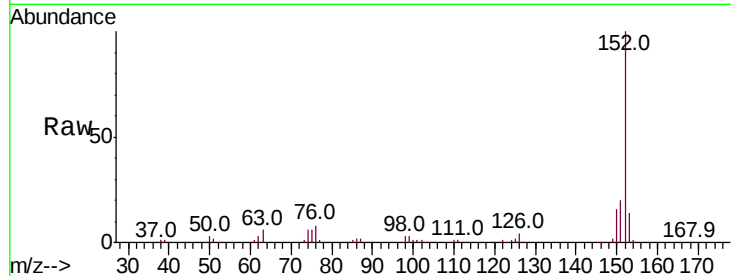
ClientSampleId :

PB120532BS

Tot Ion:	152	Resp:	417195
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.4	26.0
153	13.9	11.0	16.4

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#50

Dimethylphthalate

Concen: 39.227 ng

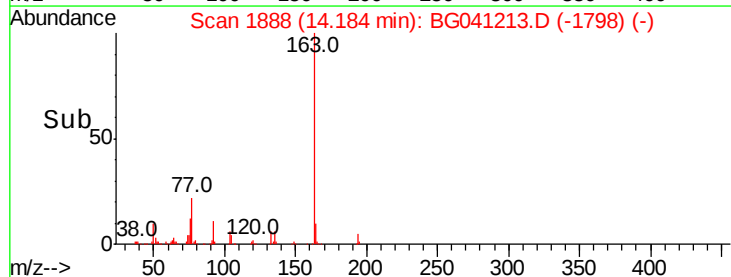
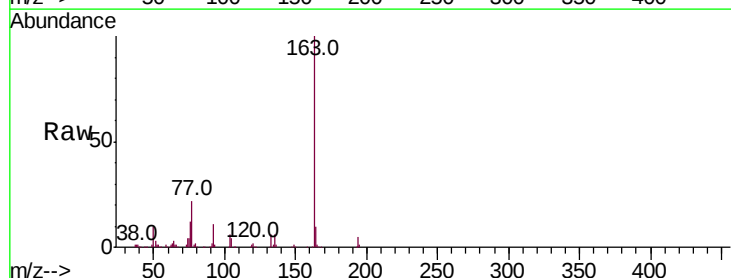
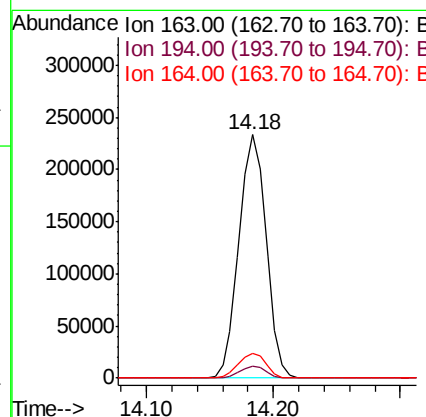
RT: 14.18 min Scan# 1888

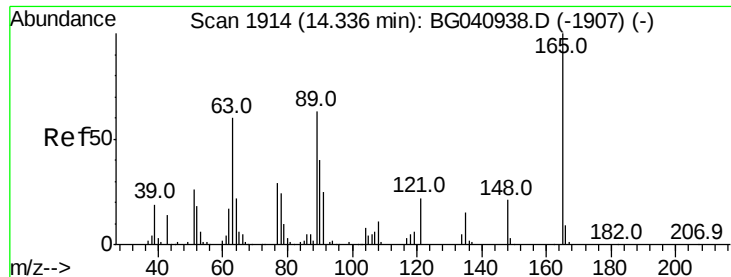
Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Tgt Ion:	163	Resp:	347518
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.8	5.8
164	10.1	8.7	13.1





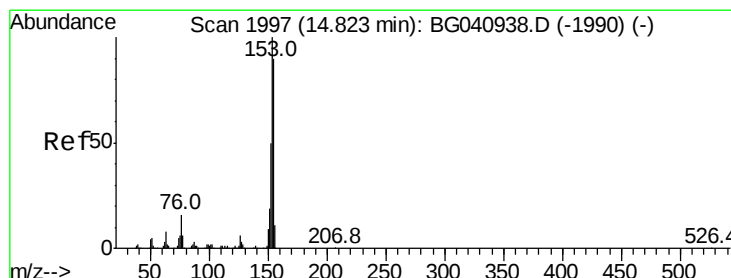
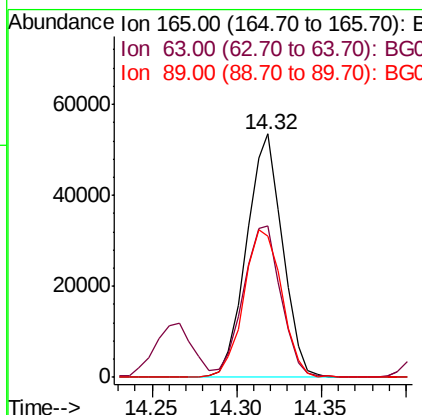
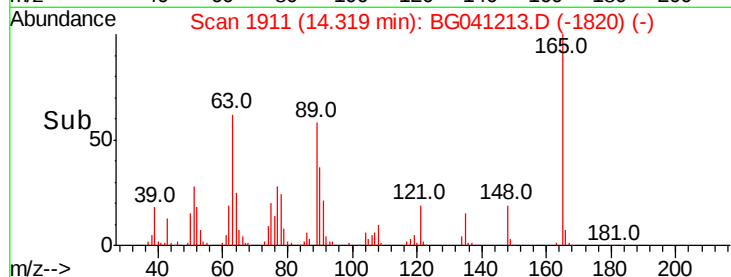
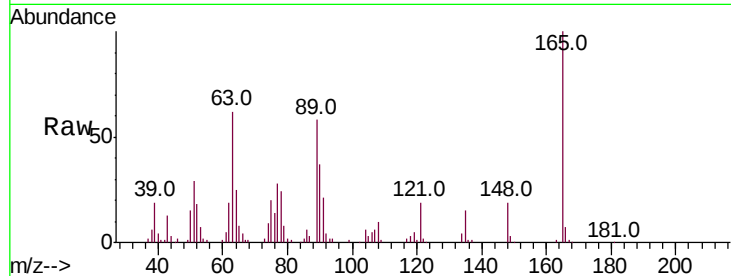
#51
 2,6-Dinitrotoluene
 Concen: 41.240 ng
 RT: 14.32 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Instrument :
 BNA_G
 ClientSampleId :
 PB120532BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.0	53.6	80.4
89	58.1	50.4	75.6

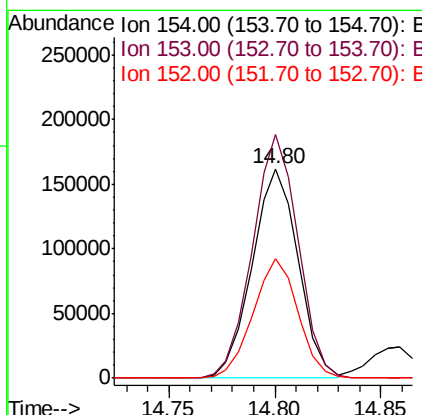
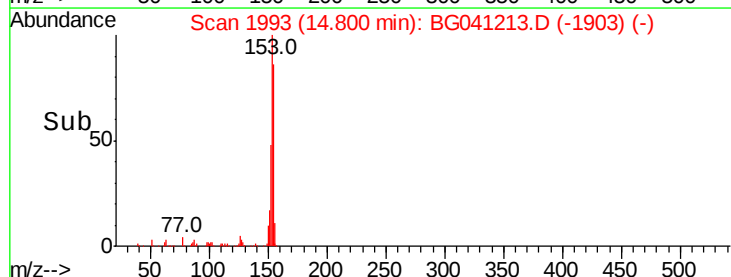
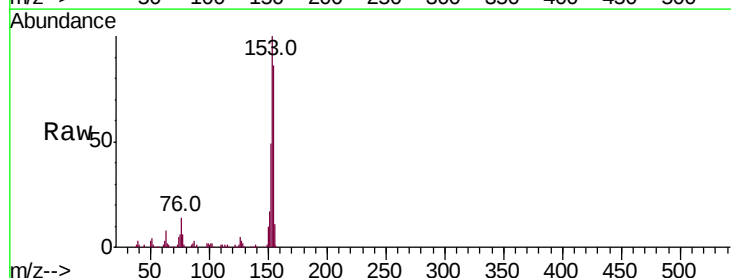
Manual Integrations
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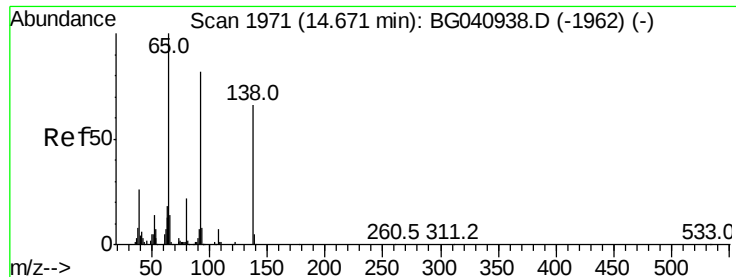
mohammad
 6/14/2019 8:36:53 AM



#52
 Acenaphthene
 Concen: 40.401 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.4	88.6	133.0
152	57.0	44.2	66.4





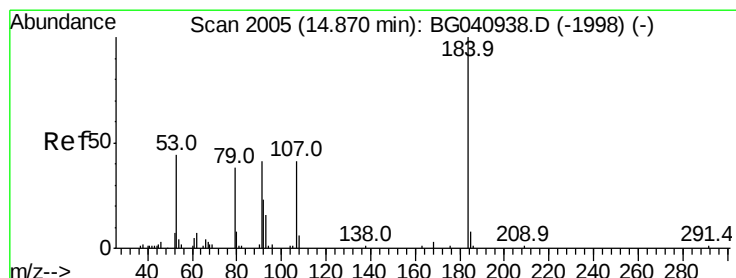
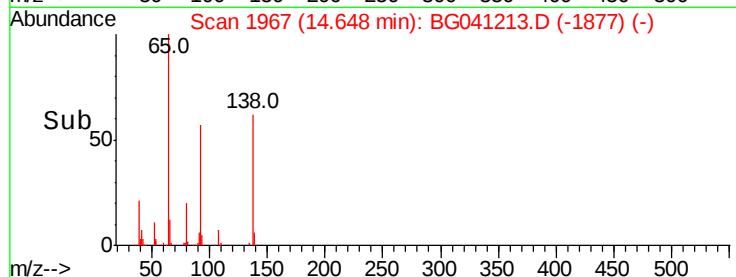
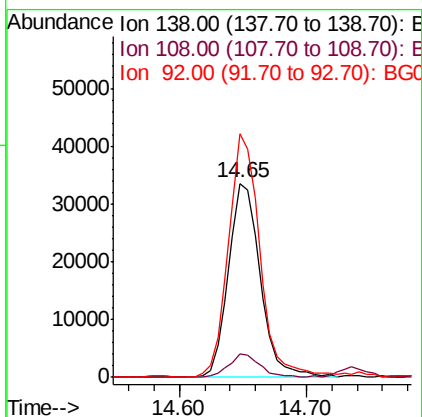
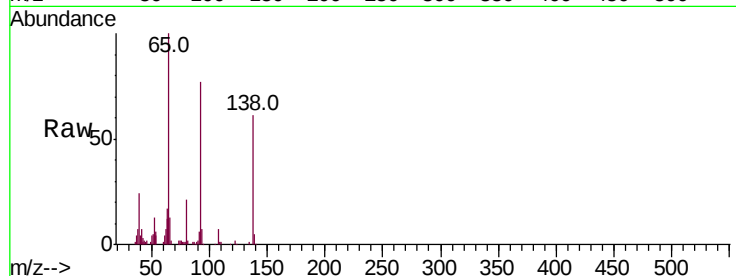
#53
3-Nitroaniline
Concen: 30.698 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB120532BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.2	8.5	12.7
92	125.3	99.0	148.6

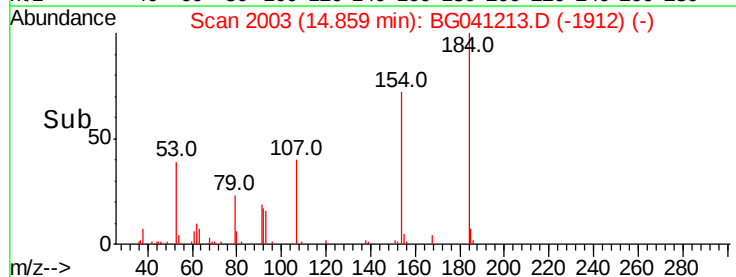
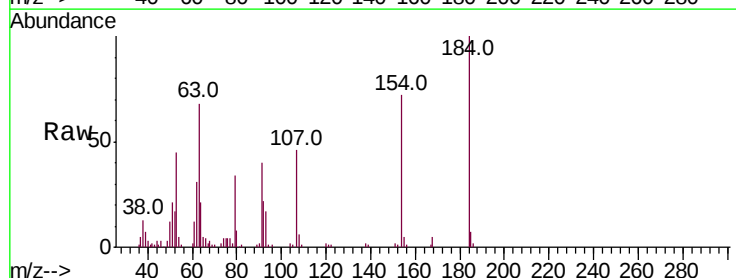
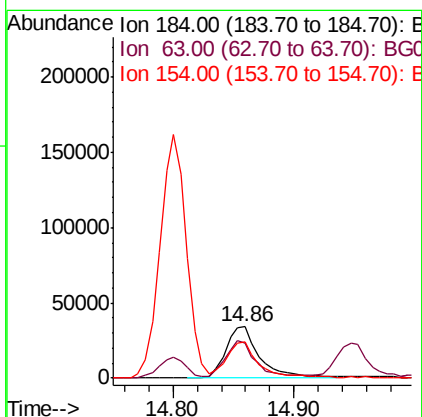
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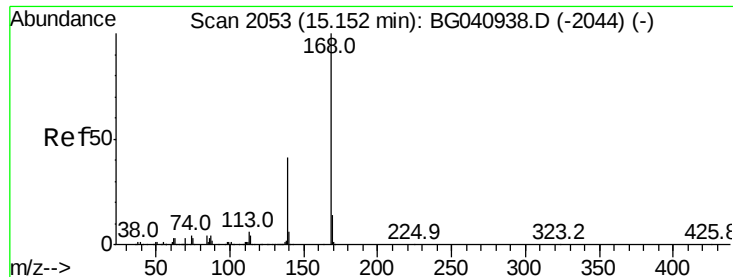
mohammad
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#54
2,4-Dinitrophenol
Concen: 70.715 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.1	49.8	74.6
154	71.7	52.2	78.4





#55

Dibenzofuran

Concen: 42.084 ng

RT: 15.14 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

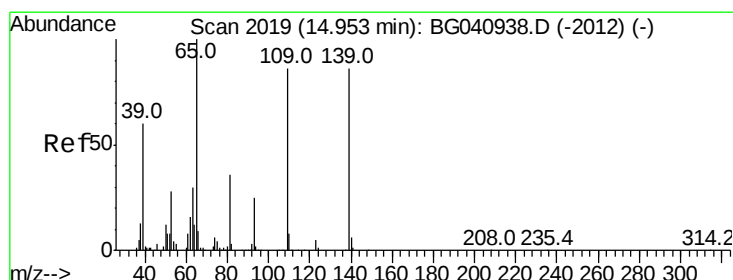
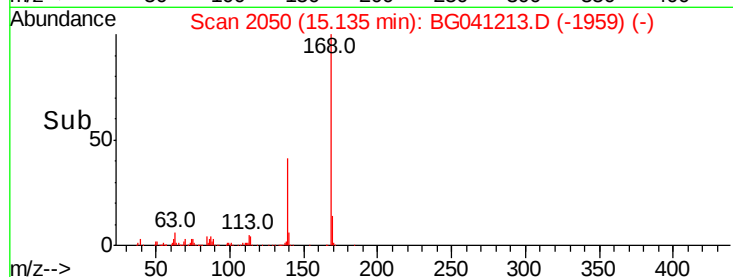
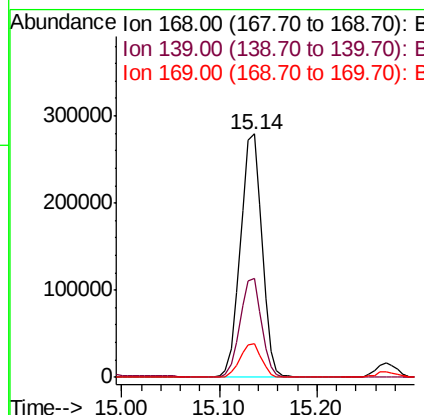
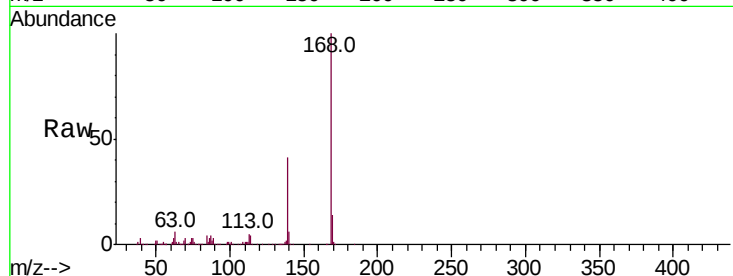
ClientSampleId :

PB120532BS

Tot Ion:	168	Resp:	429392
Ion Ratio	Lower	Upper	
168	100		
139	40.7	32.8	49.2
169	14.1	11.3	16.9

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#56

4-Nitrophenol

Concen: 81.712 ng

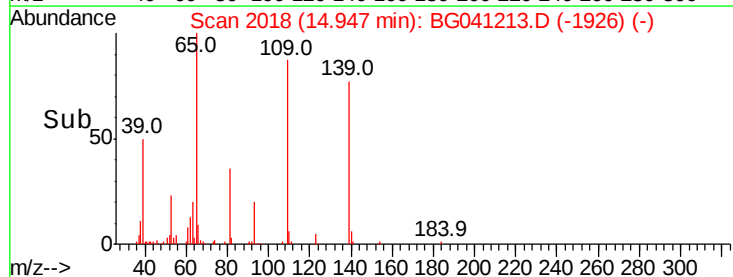
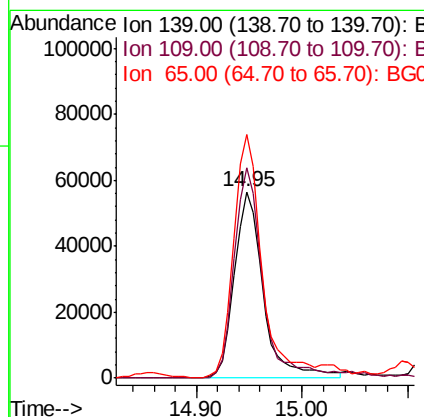
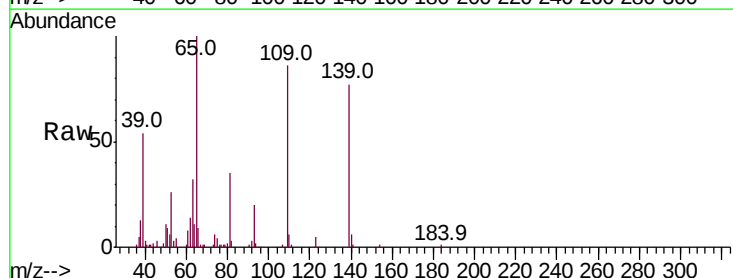
RT: 14.95 min Scan# 2018

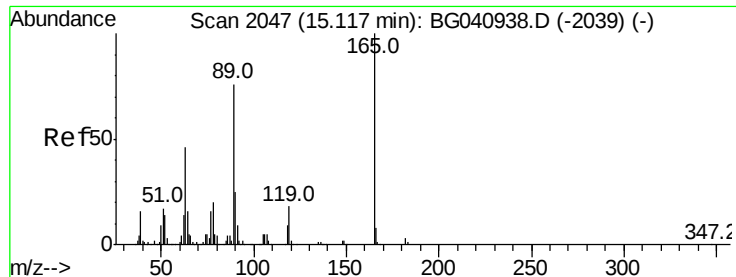
Delta R.T. 0.01 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Tgt Ion:	139	Resp:	107054
Ion Ratio	Lower	Upper	
139	100		
109	112.6	79.6	119.6
65	130.5	96.9	136.9





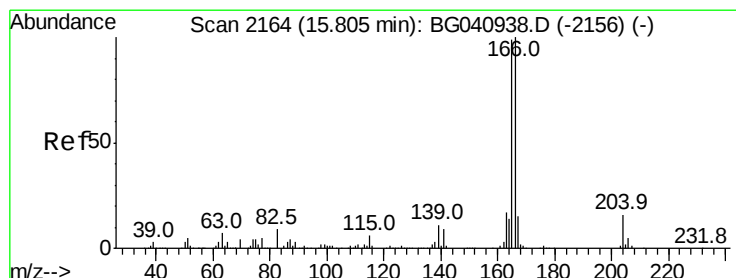
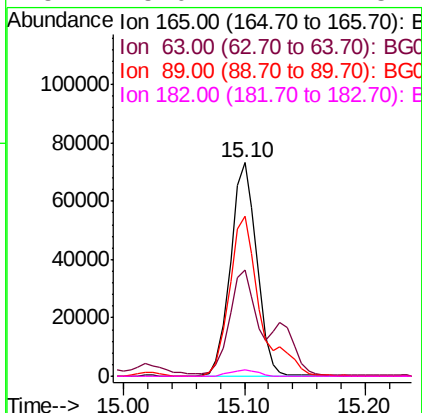
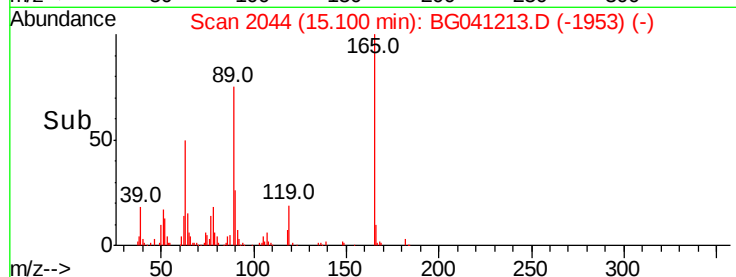
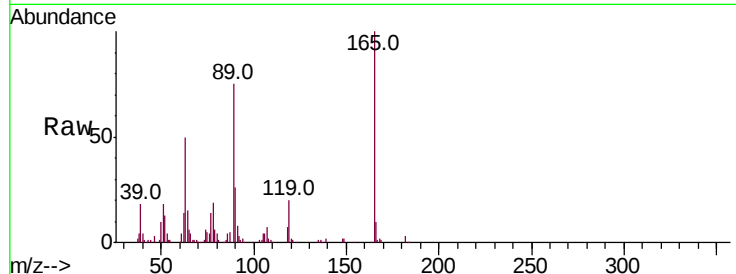
#57
2,4-Dinitrotoluene
Concen: 41.185 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB120532BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	49.8	37.3	55.9		
89	75.1	61.0	91.6		
182	3.0	2.2	3.2		

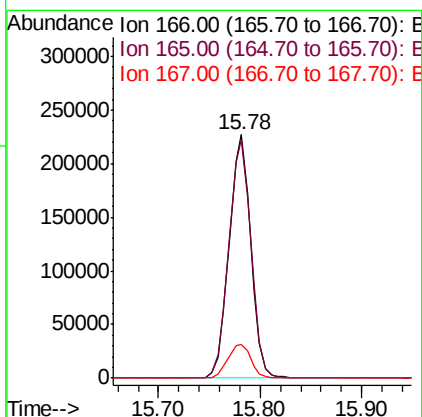
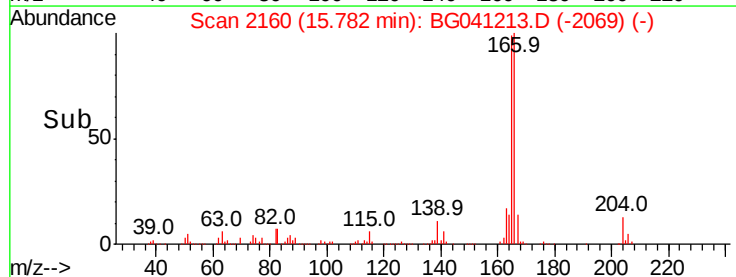
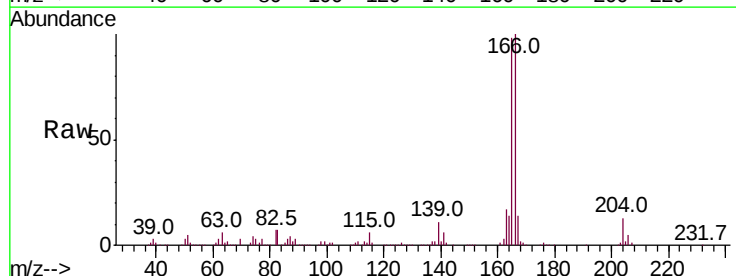
Manual Integrations
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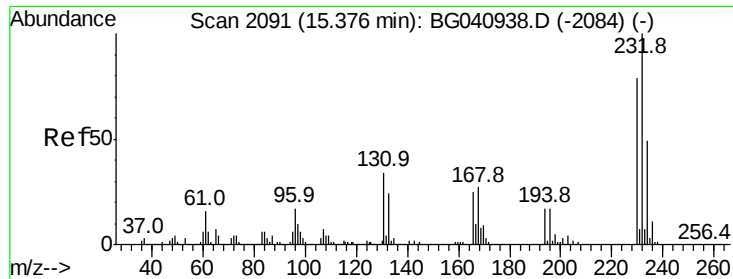
mohammad
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#58
Fluorene
Concen: 41.297 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	98.2	79.2	118.8		
167	13.9	11.8	17.6		





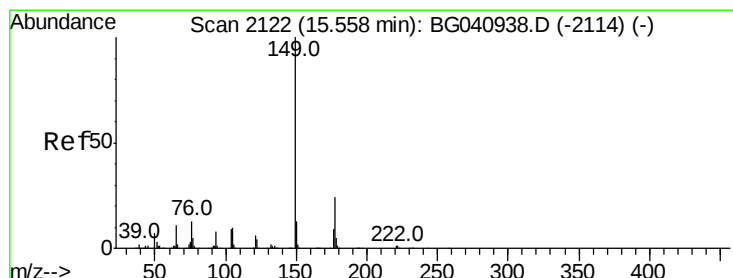
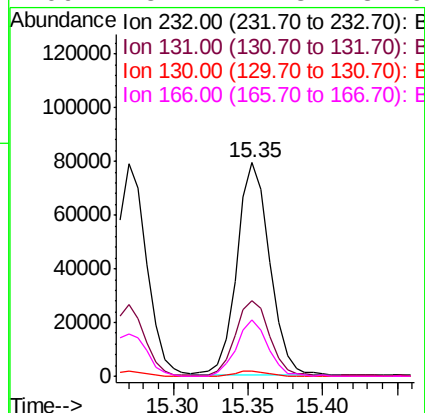
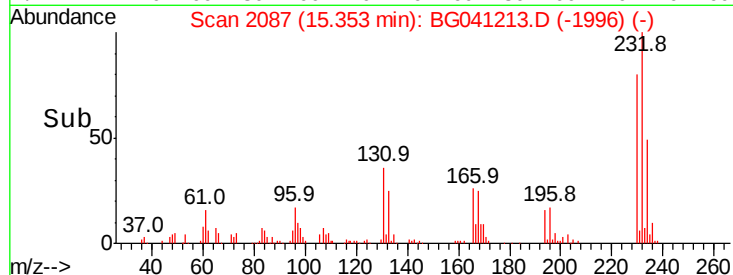
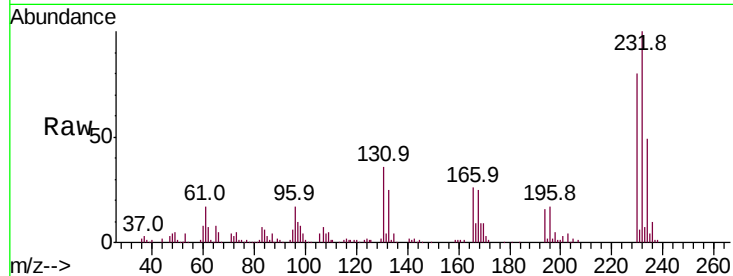
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.890 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Instrument :
 BNA_G
 ClientSampleId :
 PB120532BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	121305		
131	36.8	30.3	45.5	
130	2.5	1.8	2.8	
166	25.7	21.3	31.9	

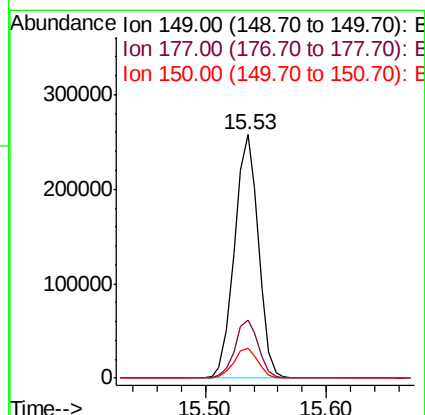
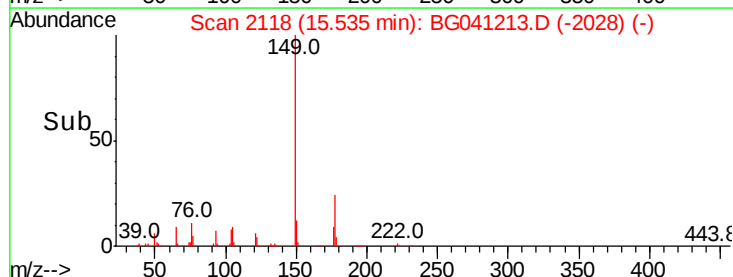
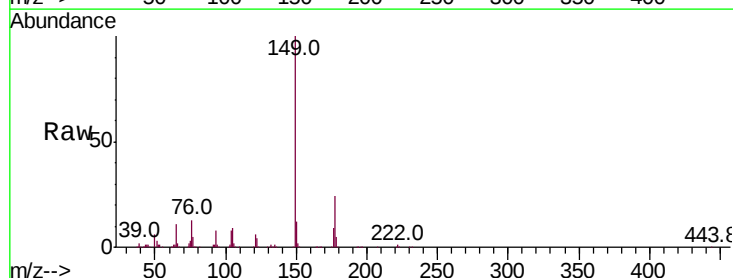
Manual Integrations
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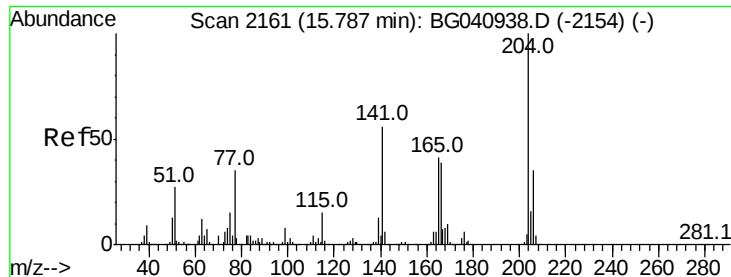
mohammad
 6/14/2019 8:36:53 AM



#60
 Diethylphthalate
 Concen: 39.265 ng
 RT: 15.53 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	355003		
177	24.0	19.4	29.0	
150	12.4	10.3	15.5	





#61

4-Chlorophenyl-phenylether

Concen: 40.140 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

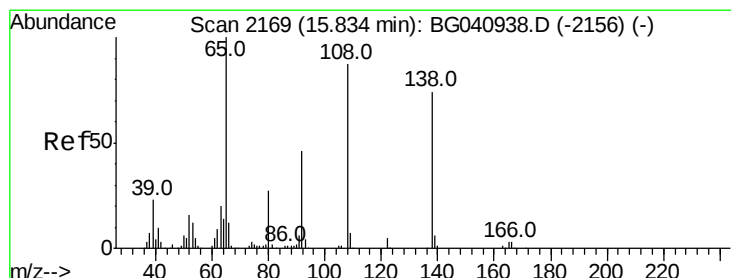
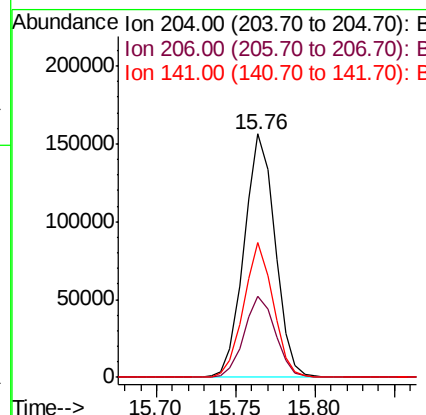
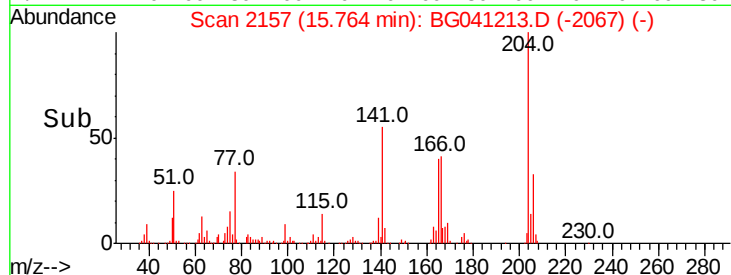
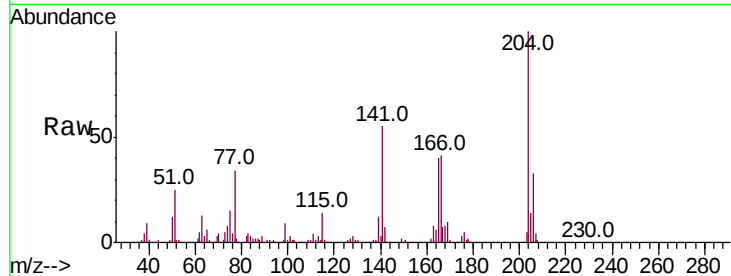
ClientSampleId :

PB120532BS

Tot Ion:	204	Resp:	212000
Ion Ratio	Lower	Upper	
204	100		
206	33.1	27.6	41.4
141	55.1	45.1	67.7

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#62

4-Nitroaniline

Concen: 36.869 ng

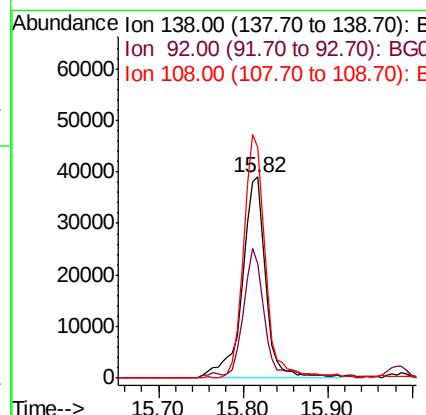
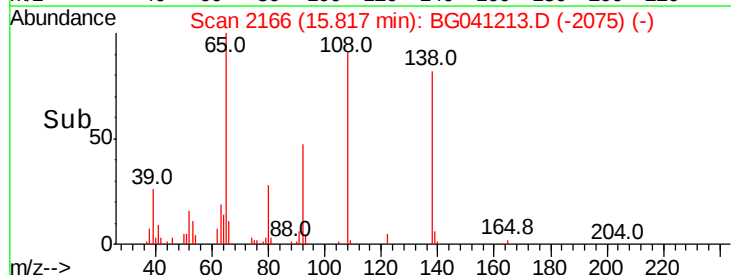
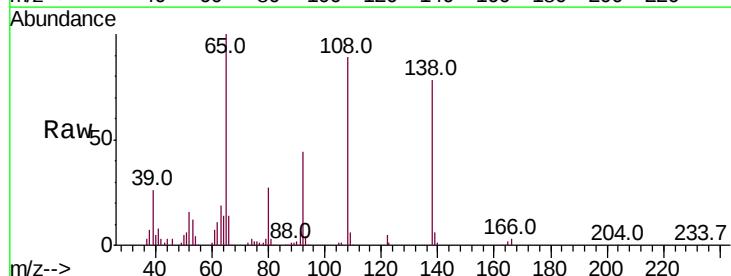
RT: 15.82 min Scan# 2166

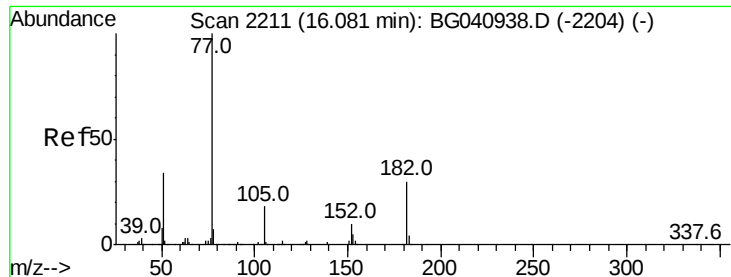
Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Tgt Ion:	138	Resp:	74554
Ion Ratio	Lower	Upper	
138	100		
92	56.9	42.4	82.4
108	114.7	96.9	136.9





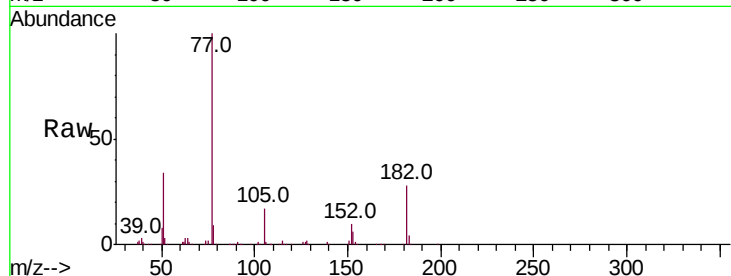
#63
Azobenzene
Concen: 39.903 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB120532BS

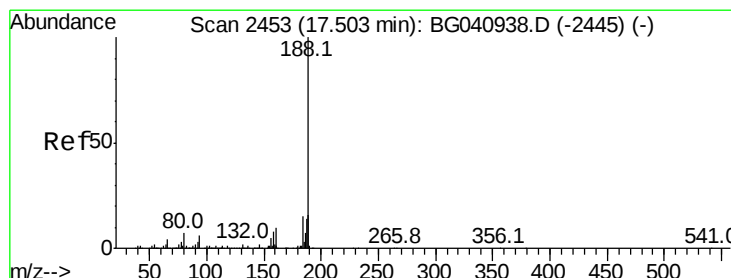
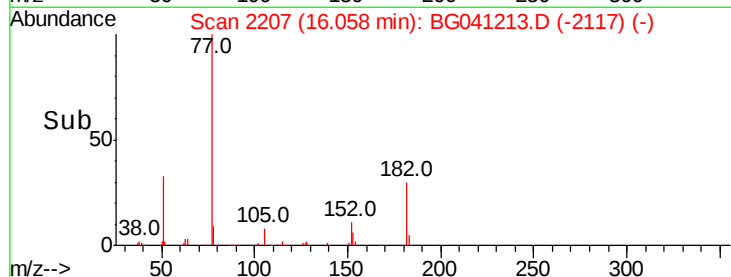
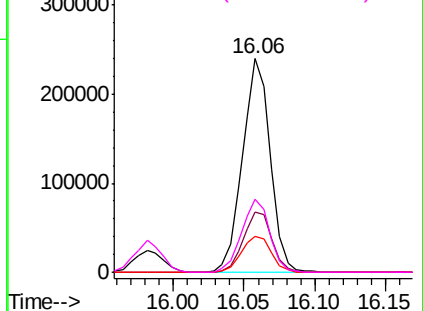
Tot Ion	Ratio	Lower	Upper
77	100		
182	28.0	9.6	49.6
105	17.0	0.0	37.5
51	34.1	13.7	53.7

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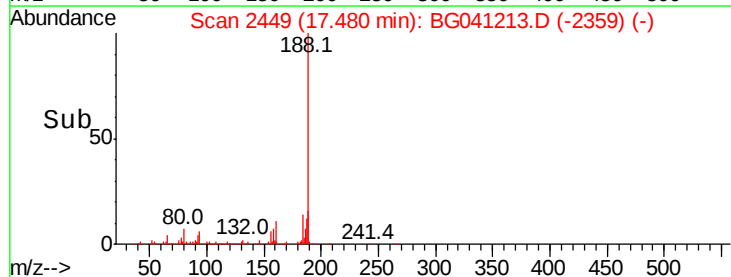
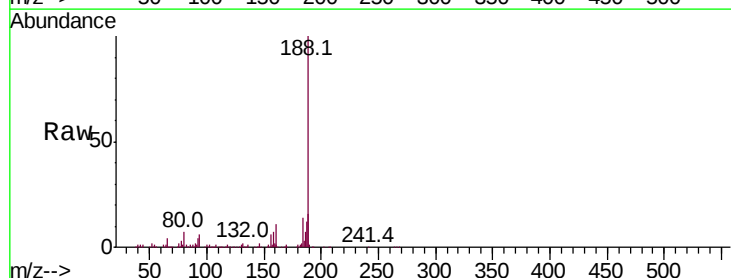
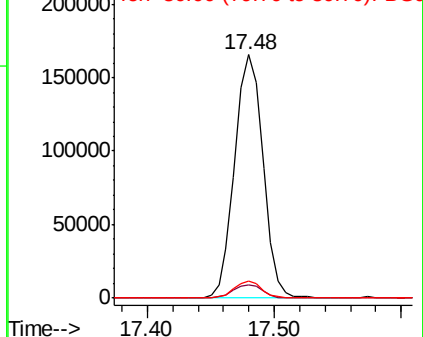
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

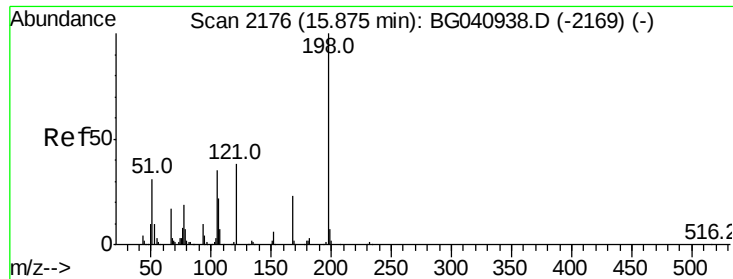


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.7	7.1
80	7.1	5.8	8.8

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





#65

4,6-Dinitro-2-methylphenol

Concen: 44.333 ng

RT: 15.86 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

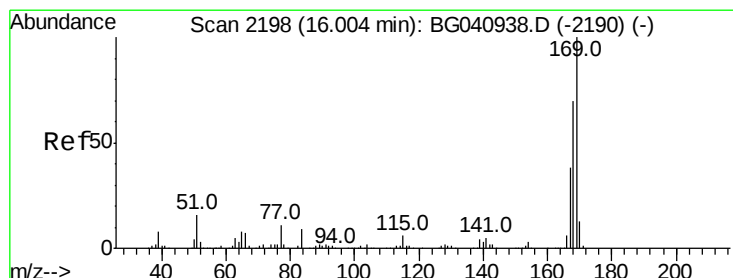
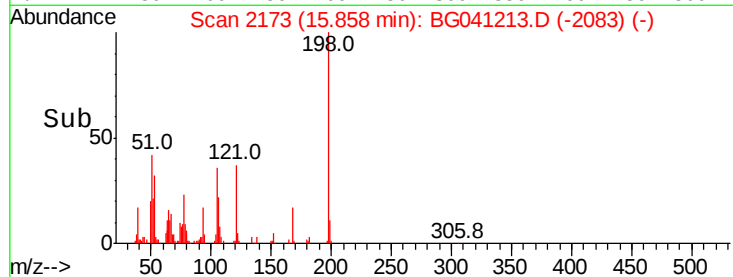
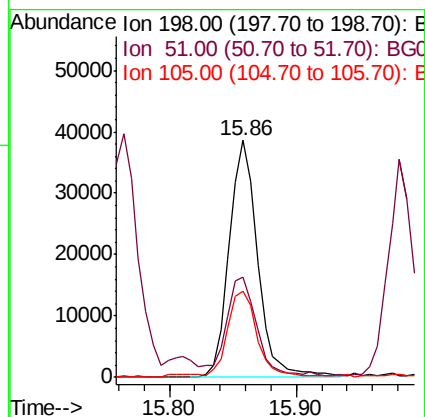
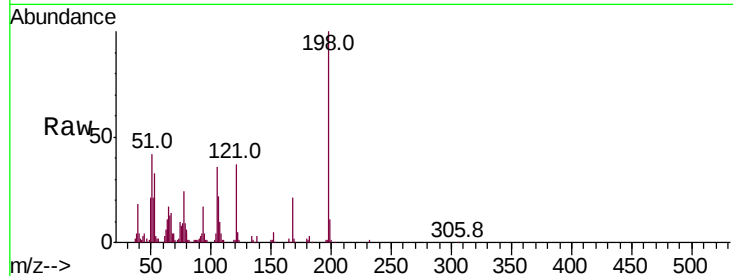
ClientSampleId :

PB120532BS

Tot Ion:	198	Resp:	59951
Ion Ratio	Lower	Upper	
198	100		
51	42.2	21.6	61.6
105	36.4	17.5	57.5

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#66

n-Nitrosodiphenylamine

Concen: 42.184 ng

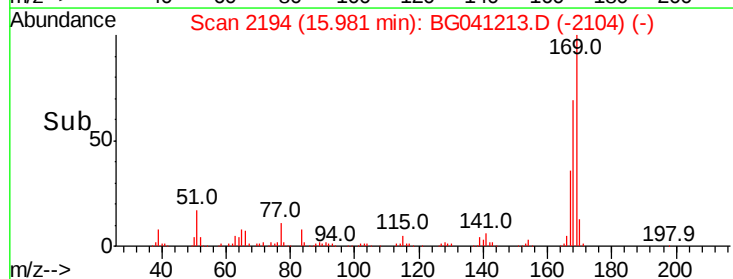
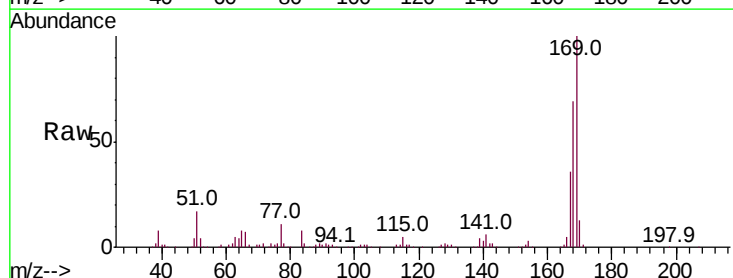
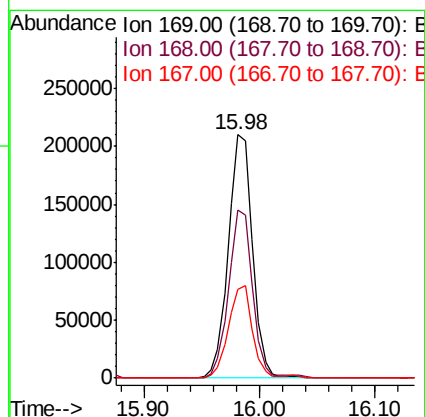
RT: 15.98 min Scan# 2194

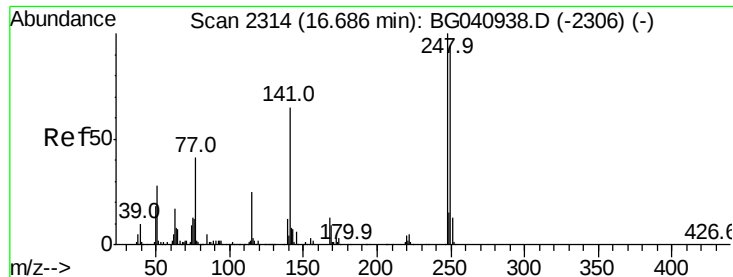
Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Tgt Ion:	169	Resp:	304753
Ion Ratio	Lower	Upper	
169	100		
168	68.8	55.7	83.5
167	36.5	30.2	45.2





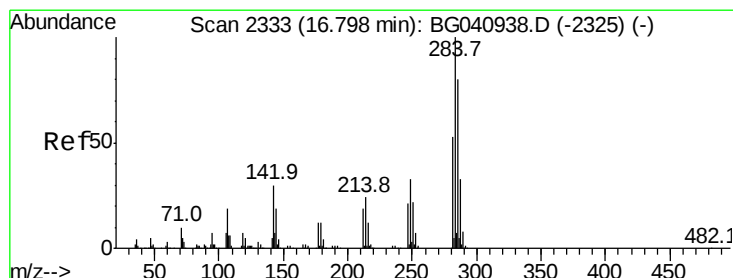
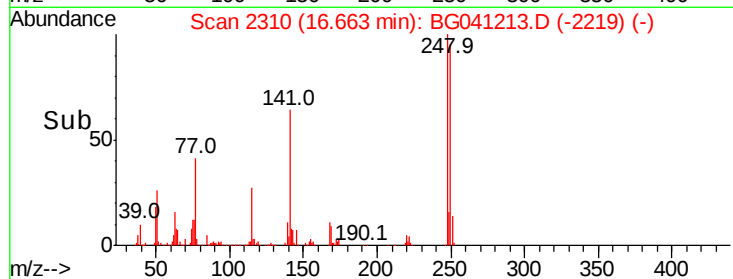
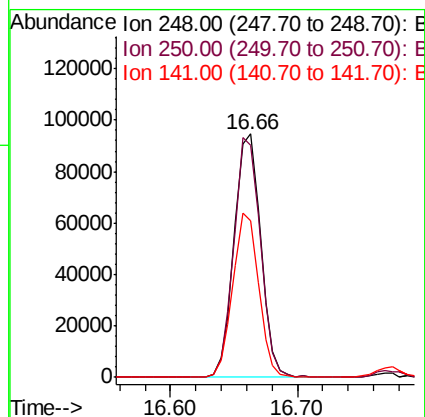
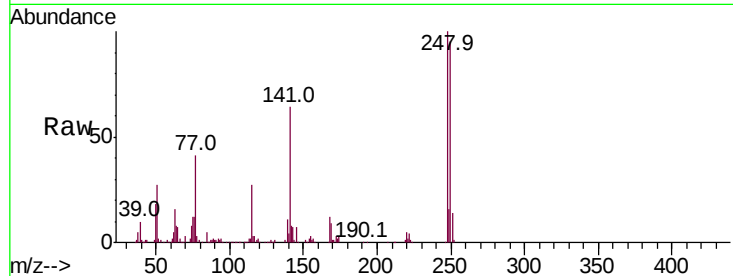
#67
4-Bromophenyl-phenylether
Concen: 39.520 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB120532BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	75.0	112.4
141	64.2	52.4	78.6

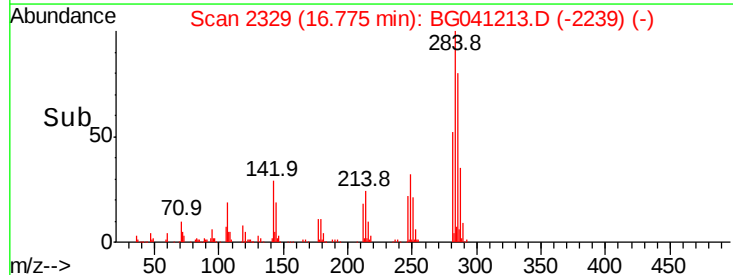
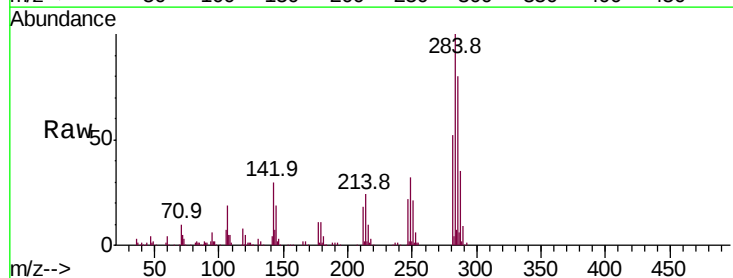
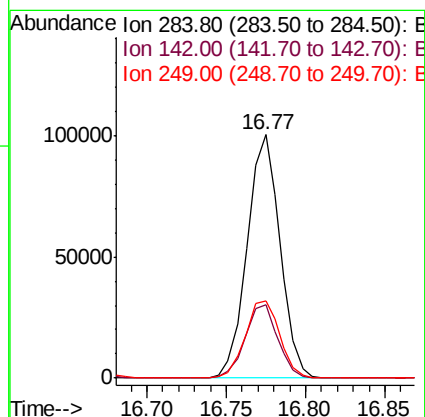
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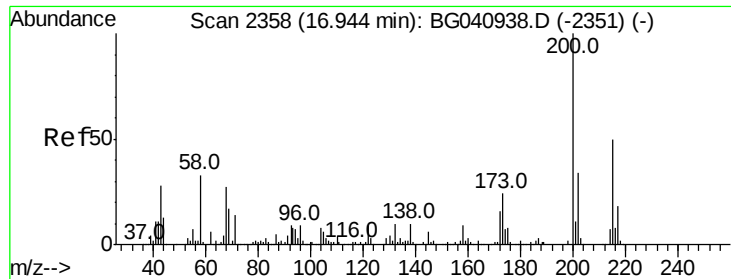
mohammad
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#68
Hexachlorobenzene
Concen: 39.095 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	23.9	35.9
249	31.9	26.8	40.2





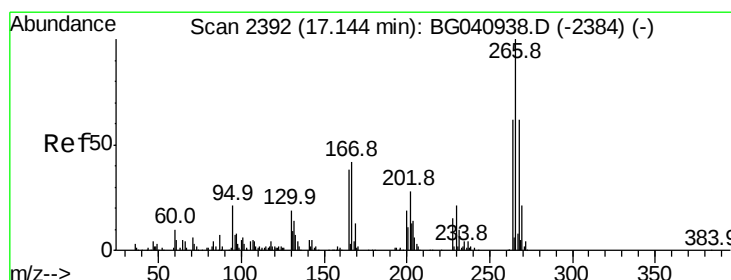
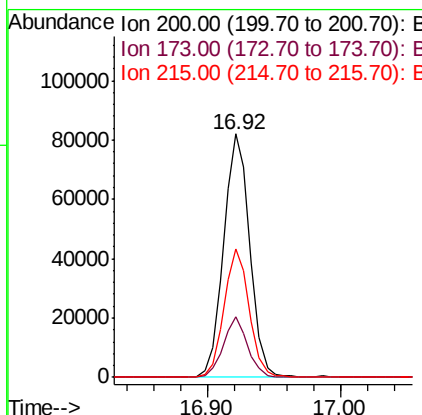
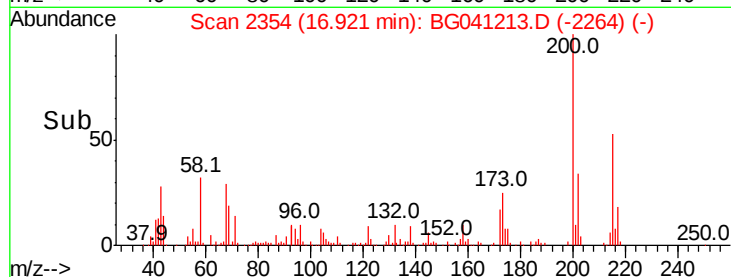
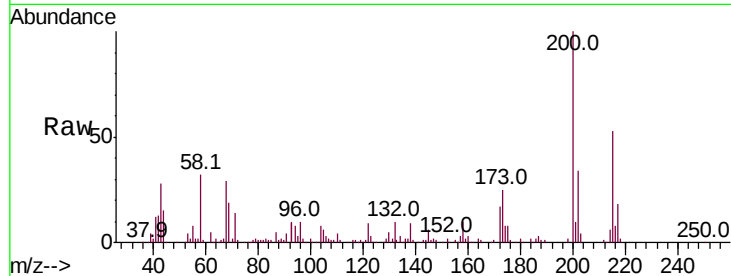
#69
Atrazine
Concen: 40.516 ng
RT: 16.92 min Scan# 2354
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampled :
PB120532BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.7	3.6	43.6	
215	52.6	29.6	69.6	

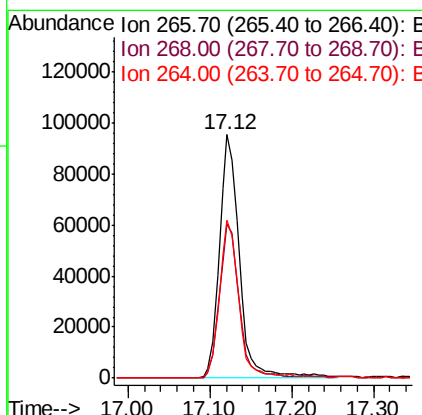
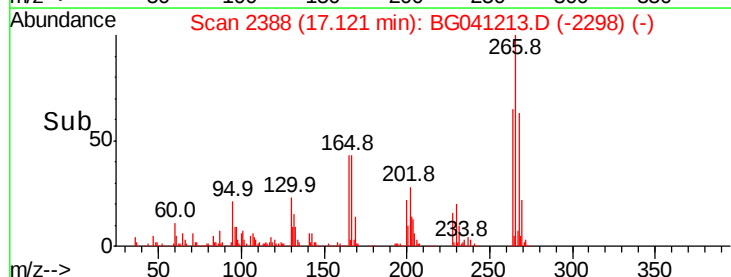
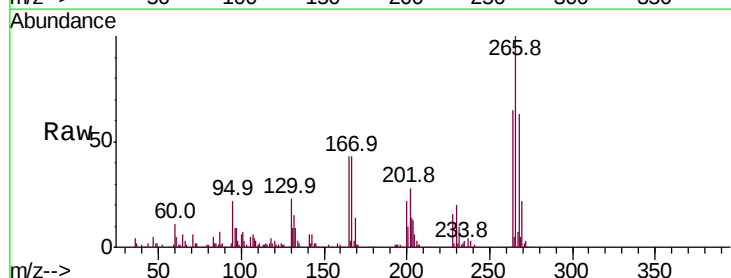
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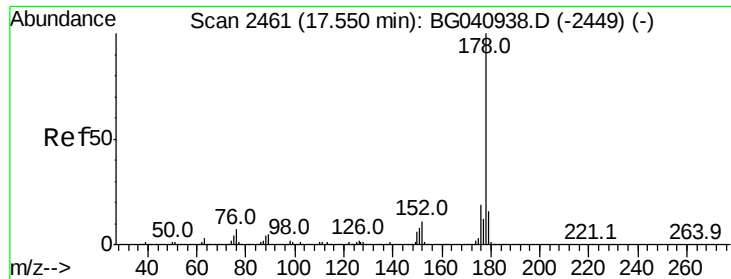
mohammad
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#70
Pentachlorophenol
Concen: 82.046 ng
RT: 17.12 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.2	53.1	79.7	
264	64.9	49.9	74.9	





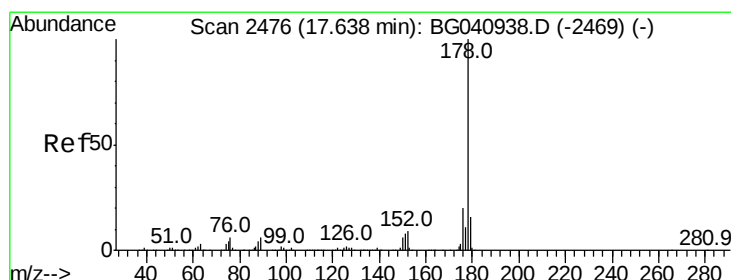
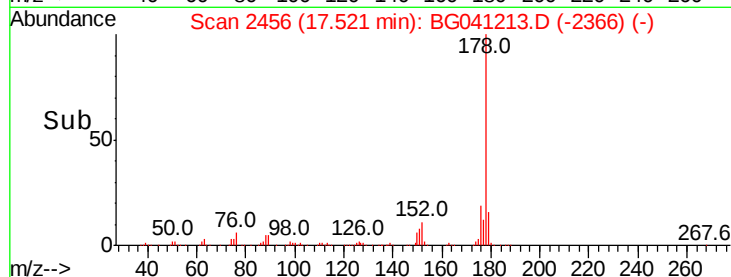
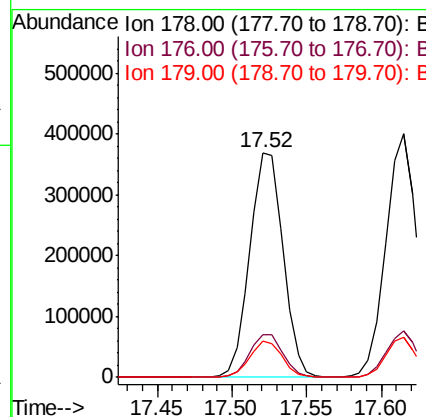
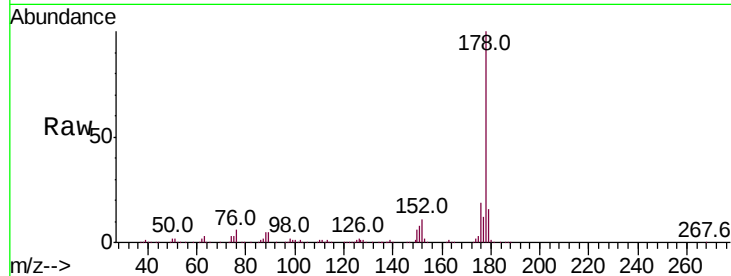
#71
Phenanthrene
Concen: 42.454 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB120532BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	16.2	12.7	19.1

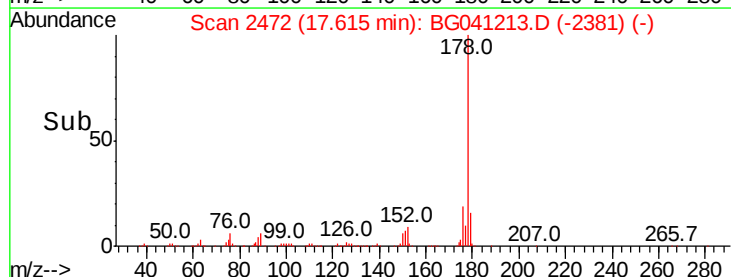
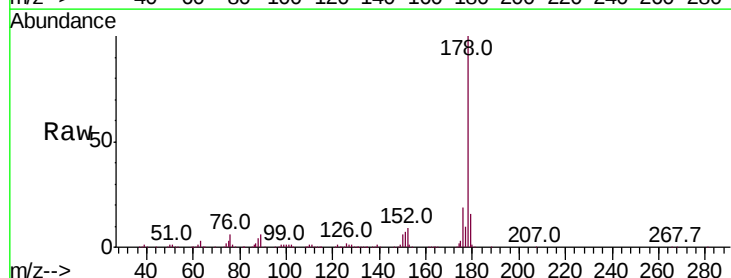
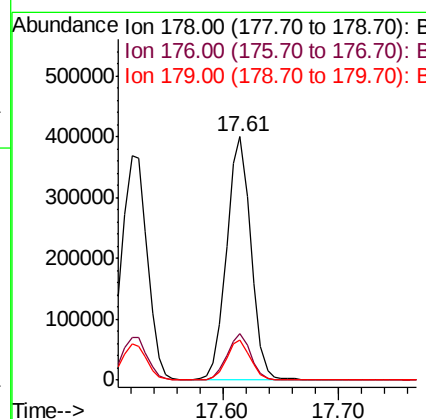
Manual Integrations
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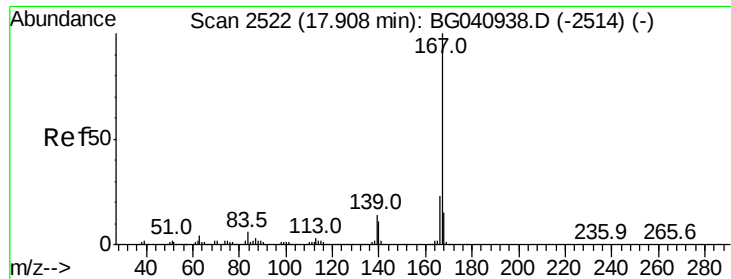
mohammad
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#72
Anthracene
Concen: 43.959 ng
RT: 17.61 min Scan# 2472
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	16.3	13.0	19.4





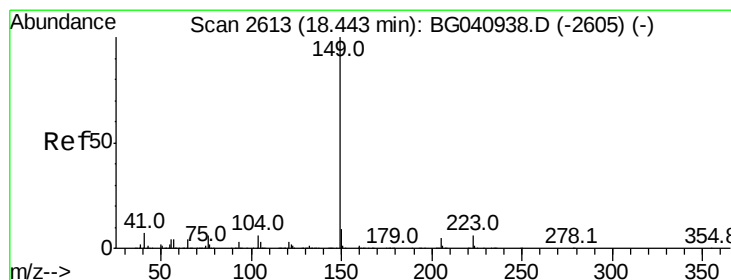
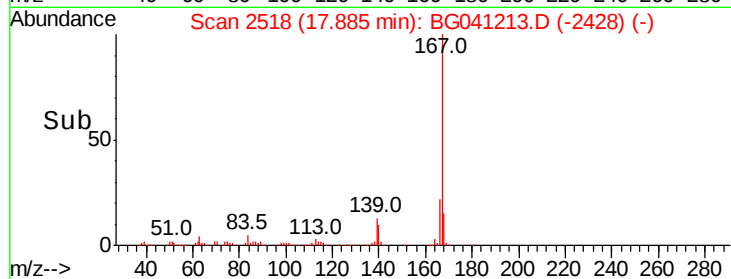
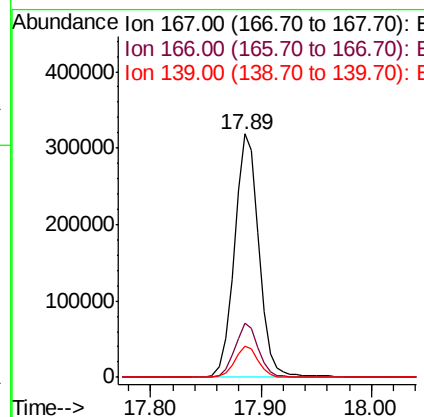
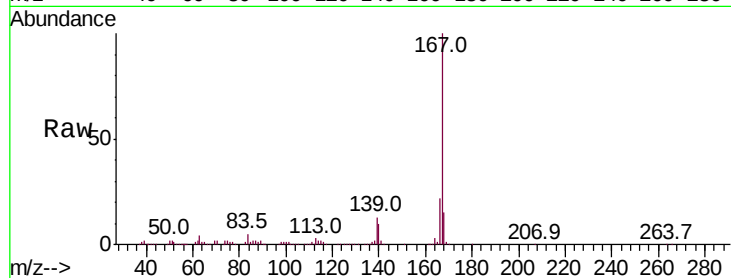
#73
 Carbazole
 Concen: 43.636 ng
 RT: 17.89 min Scan# 2518
 Delta R.T. -0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Instrument :
 BNA_G
 ClientSampleId :
 PB120532BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.4
139	12.9	10.8	16.2

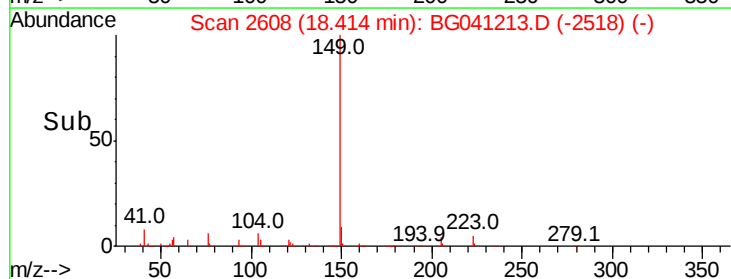
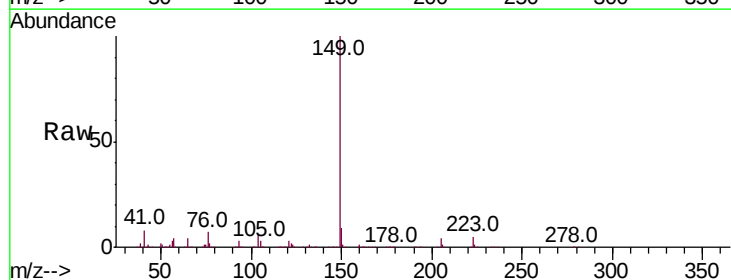
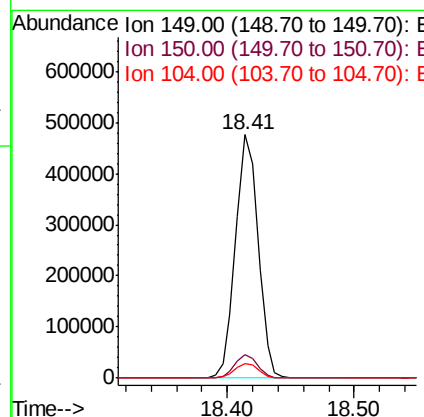
Manual Integrations
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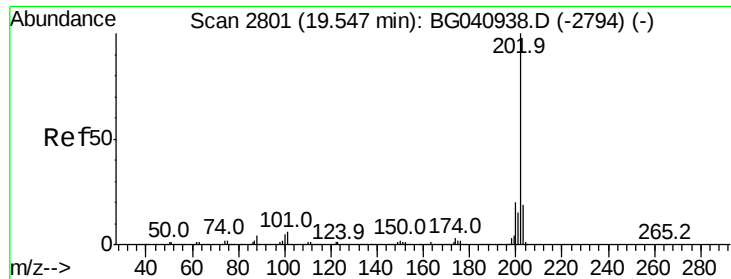
mohammad
 6/14/2019 8:36:53 AM



#74
 Di-n-butylphthalate
 Concen: 41.705 ng
 RT: 18.41 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: BG041213.D
 Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	6.0	5.0	7.4





#75

Fluoranthene

Concen: 44.983 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

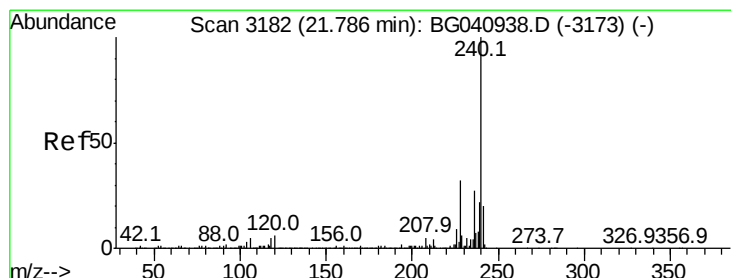
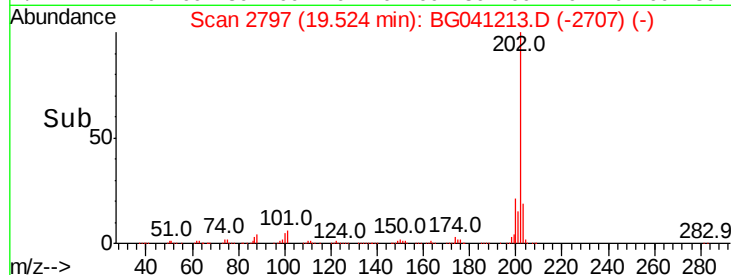
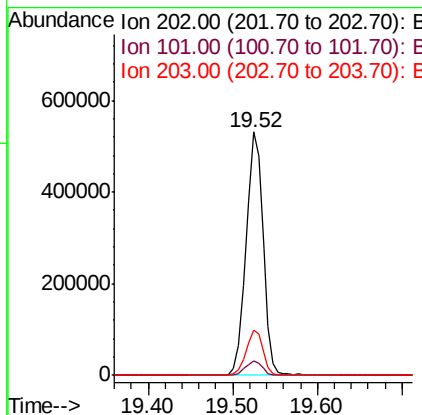
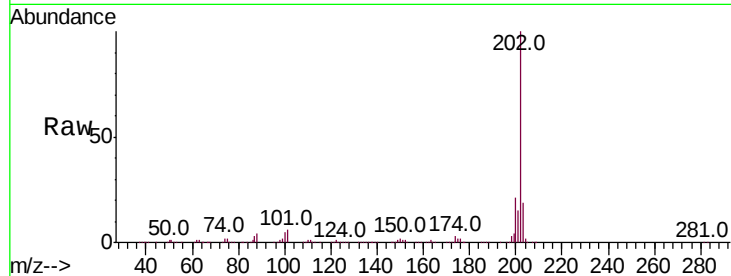
ClientSampleId :

PB120532BS

Tot Ion:	202	Resp:	743776
Ion Ratio	Lower	Upper	
202	100		
101	5.8	0.0	26.2
203	18.6	0.0	38.7

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#76

Chrysene-d12

Concen: 20.000 ng

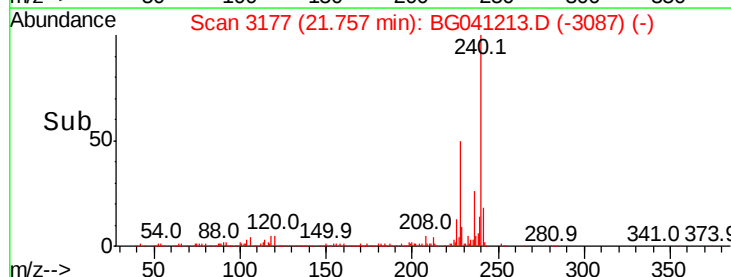
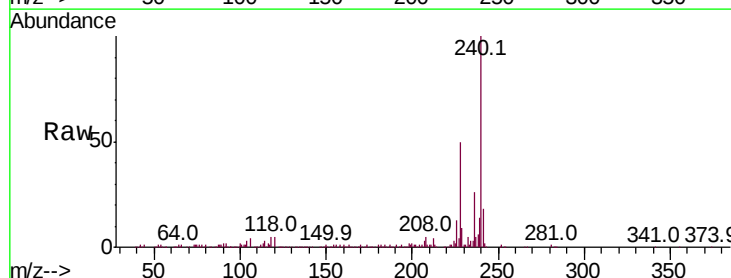
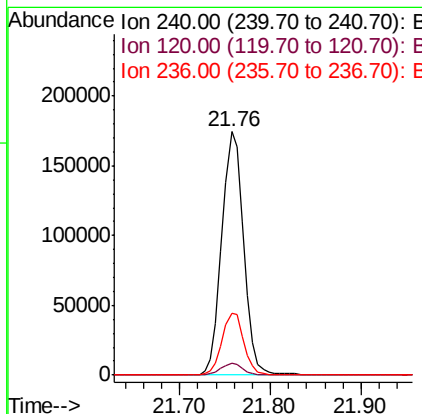
RT: 21.76 min Scan# 3177

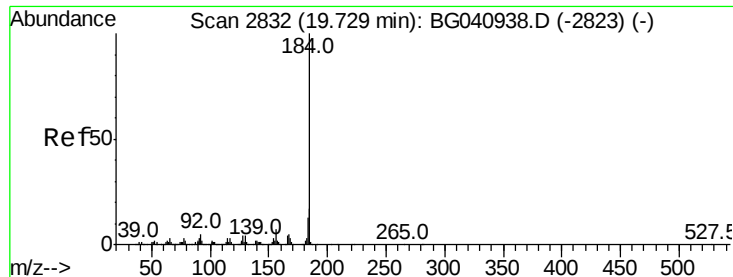
Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Tgt Ion:	240	Resp:	292724
Ion Ratio	Lower	Upper	
240	100		
120	5.0	4.5	6.7
236	25.6	21.3	31.9





#77

Benzidine

Concen: 24.238 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

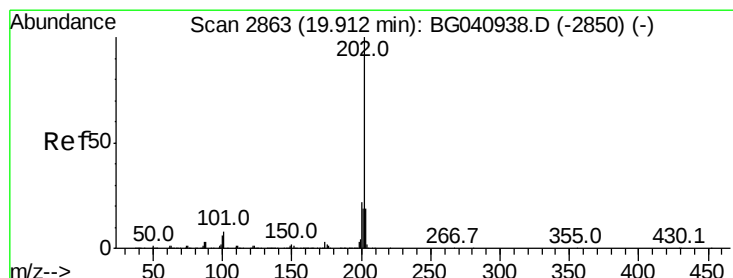
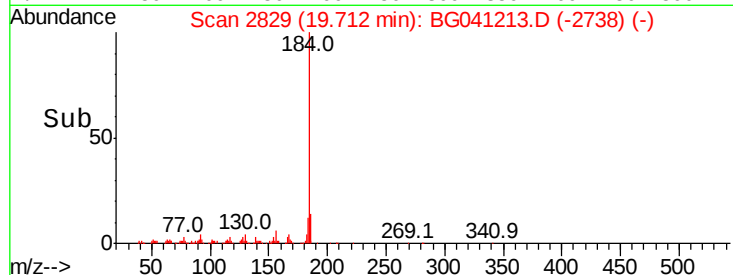
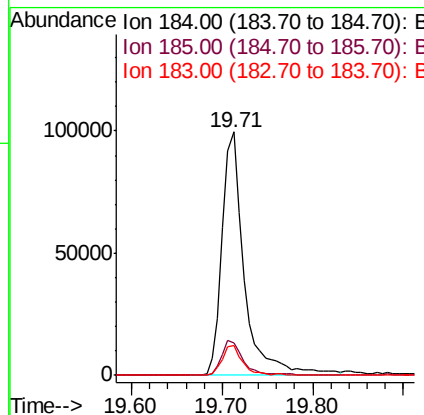
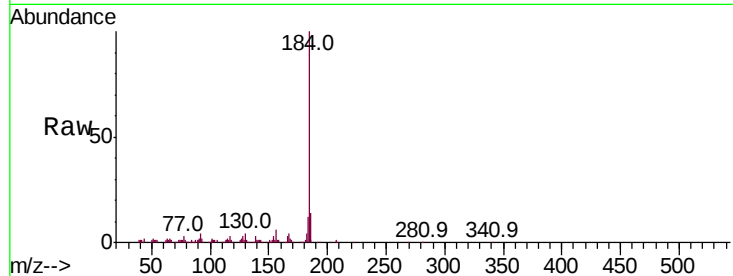
ClientSampleId :

PB120532BS

Tot Ion:	184	Resp:	169255
Ion Ratio	Lower	Upper	
184	100		
185	13.6	13.3	19.9
183	12.0	10.7	16.1

Manual Integrations
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#78

Pyrene

Concen: 39.042 ng

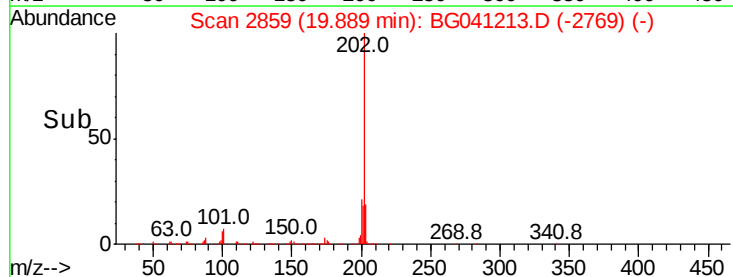
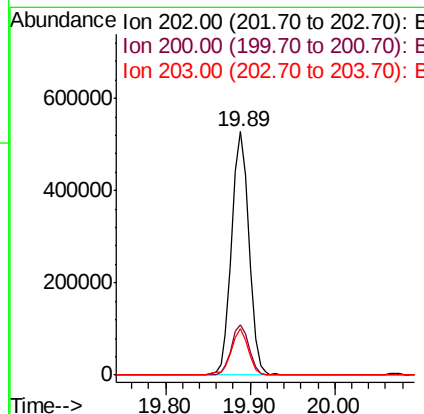
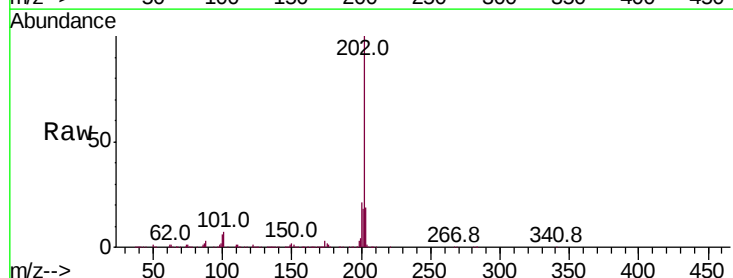
RT: 19.89 min Scan# 2859

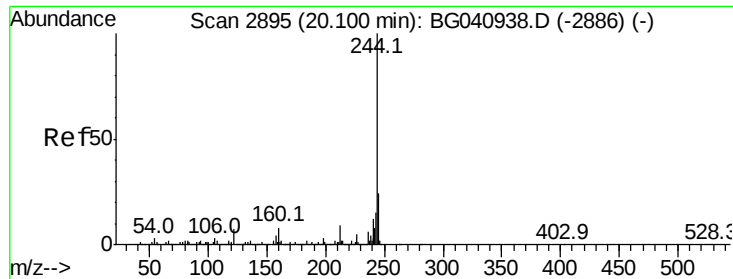
Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Tgt Ion:	202	Resp:	742936
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.5	26.3
203	19.3	15.6	23.4





#79

Terphenyl-d14

Concen: 73.112 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB120532BS

Tot Ion:244 Resp: 1008395

Ion Ratio Lower Upper

244 100

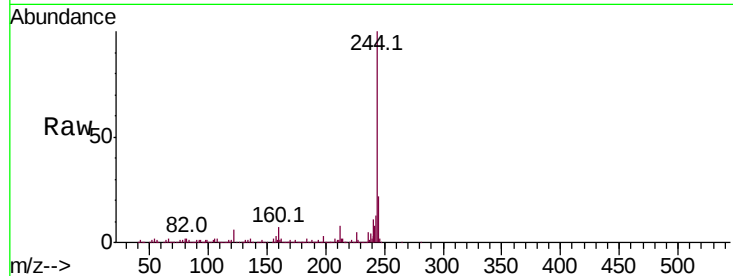
212 8.1 7.0 10.4

122 6.2 5.4 8.0

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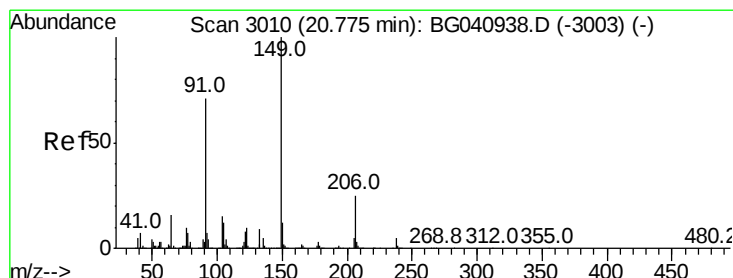
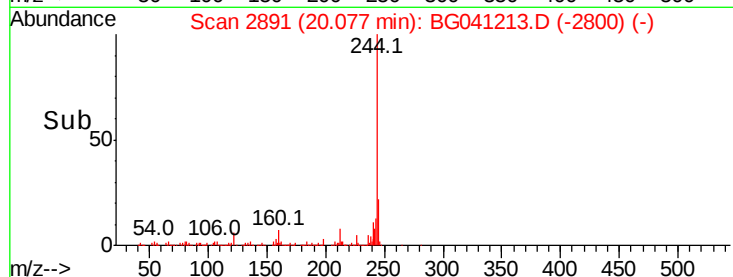
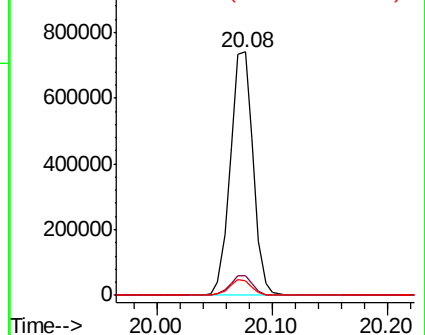
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.016 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

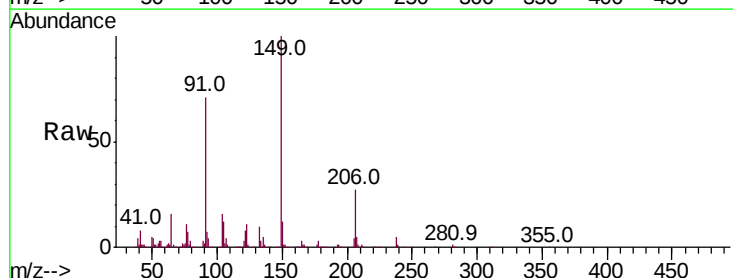
Tgt Ion:149 Resp: 274114

Ion Ratio Lower Upper

149 100

91 70.8 56.5 84.7

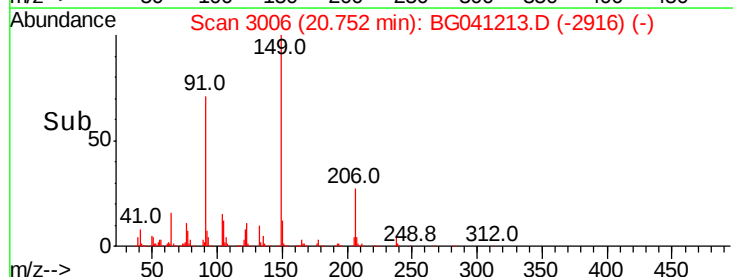
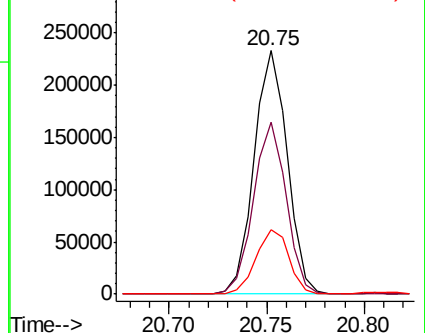
206 26.6 20.3 30.5

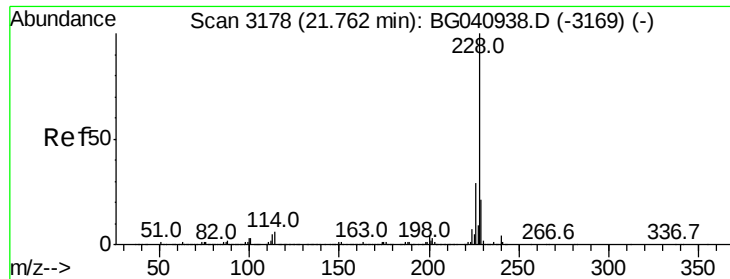


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





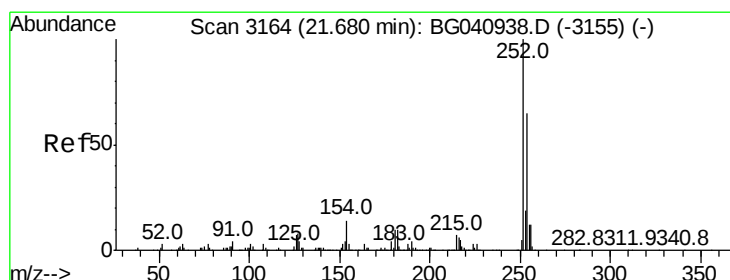
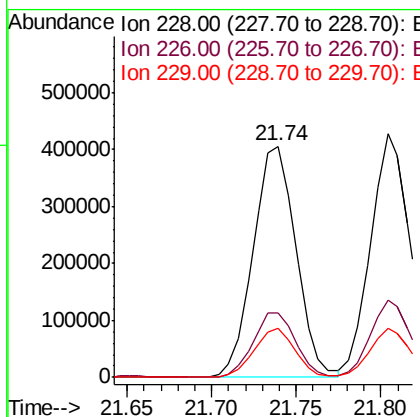
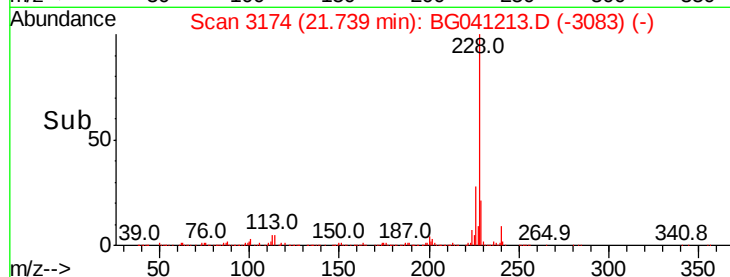
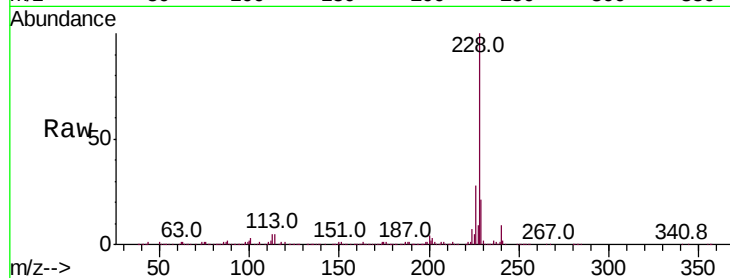
#81
Benzo(a)anthracene
Concen: 36.585 ng
RT: 21.74 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB120532BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.5	35.3
229	21.2	16.7	25.1

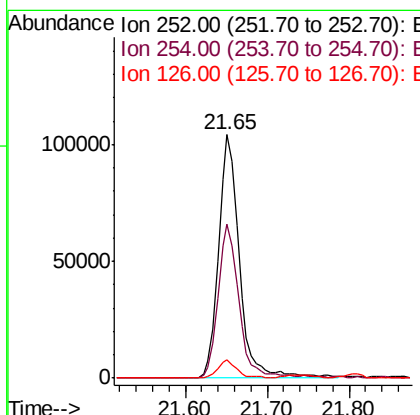
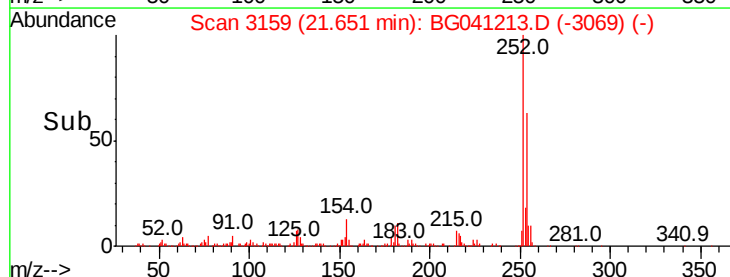
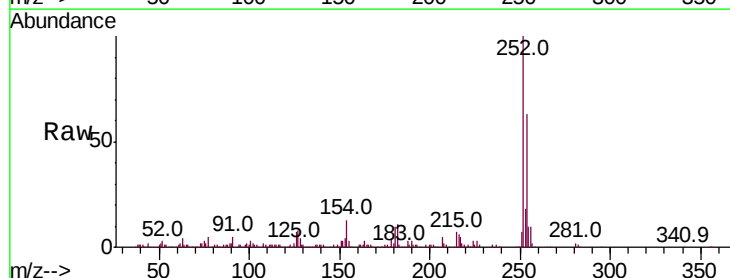
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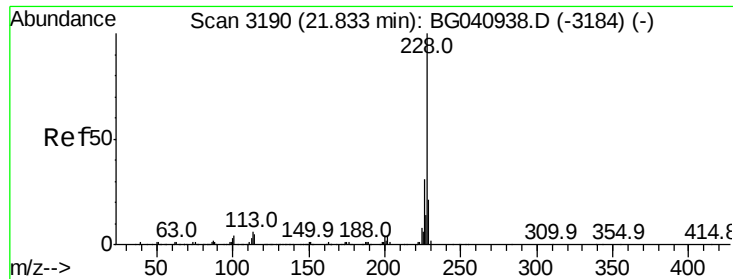
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 27.084 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.1	78.1
126	7.5	5.5	8.3





#83

Chrysene

Concen: 37.382 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

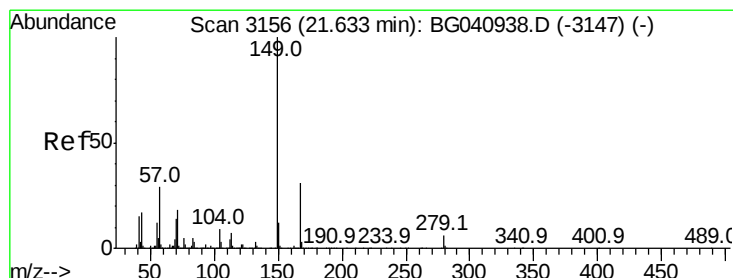
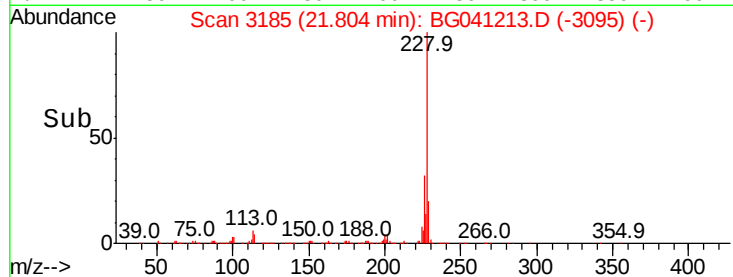
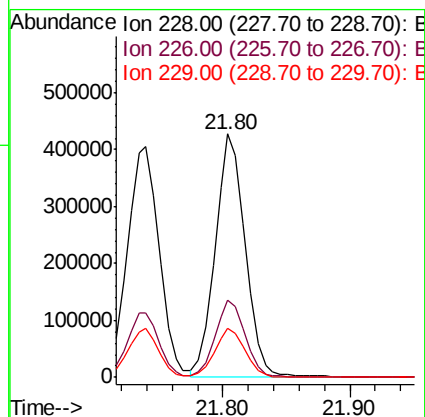
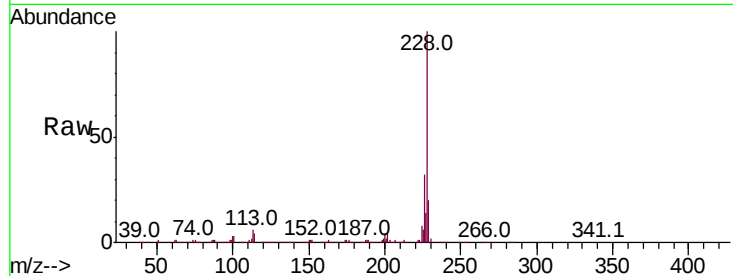
ClientSampleId :

PB120532BS

Tot Ion:	228	Resp:	697049
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.6	37.0
229	20.3	16.6	24.8

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#84

Bis(2-ethylhexyl)phthalate

Concen: 36.370 ng

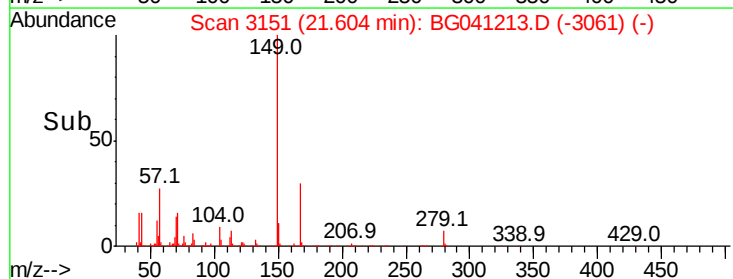
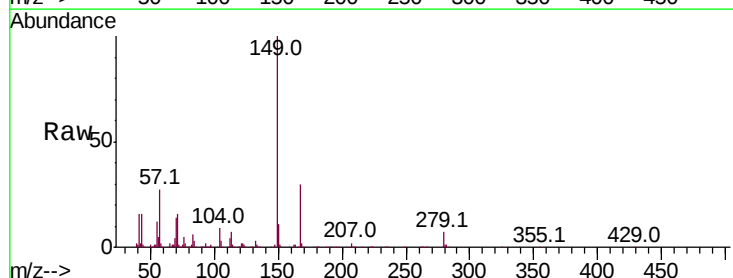
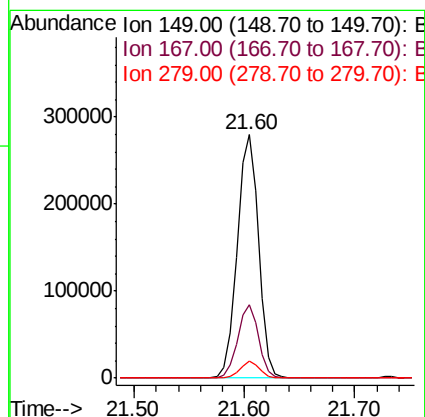
RT: 21.60 min Scan# 3151

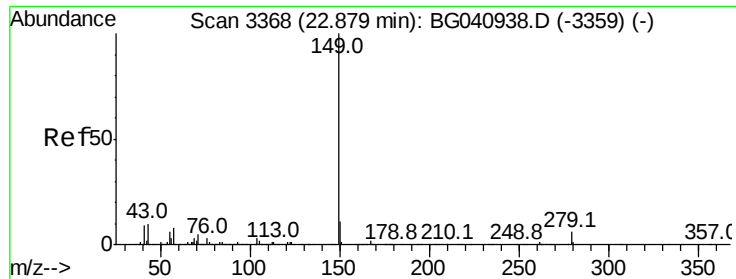
Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Tgt Ion:	149	Resp:	379138
Ion Ratio	Lower	Upper	
149	100		
167	29.9	24.6	37.0
279	7.2	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 37.304 ng

RT: 22.84 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

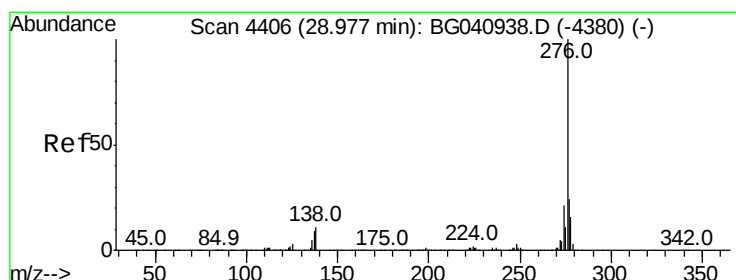
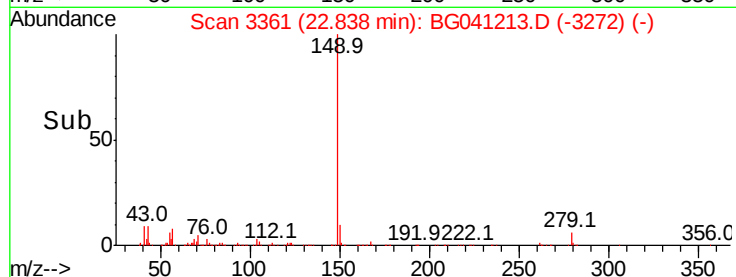
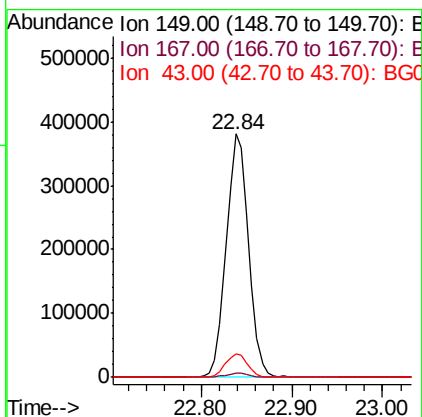
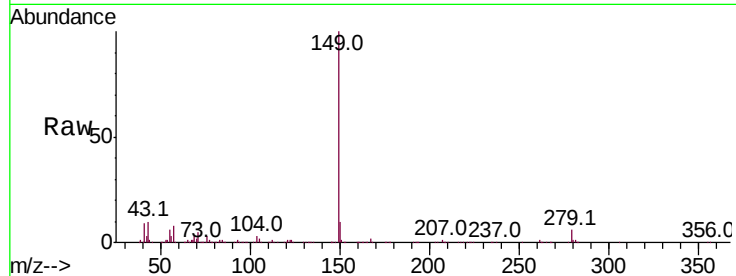
ClientSampleId :

PB120532BS

Tot Ion:	149	Resp:	647659
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	9.7	8.1	12.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 27.498 ng

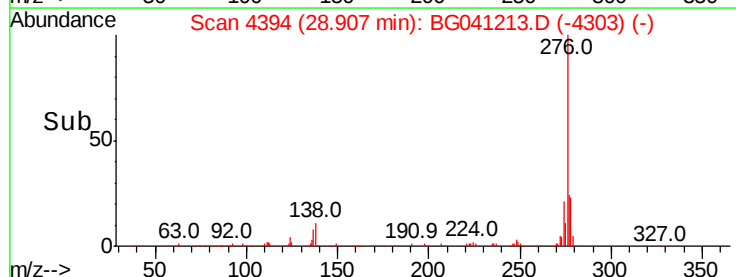
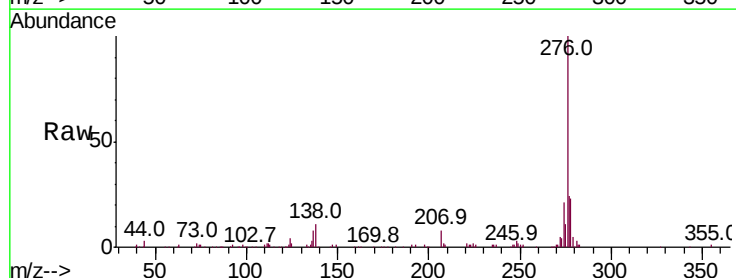
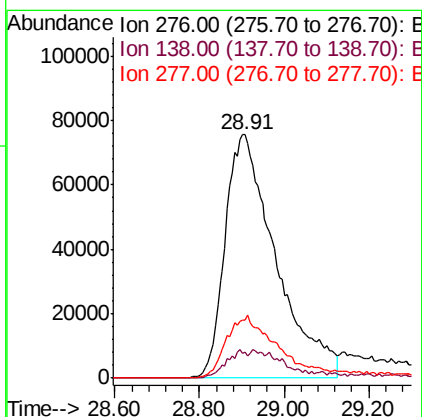
RT: 28.91 min Scan# 4394

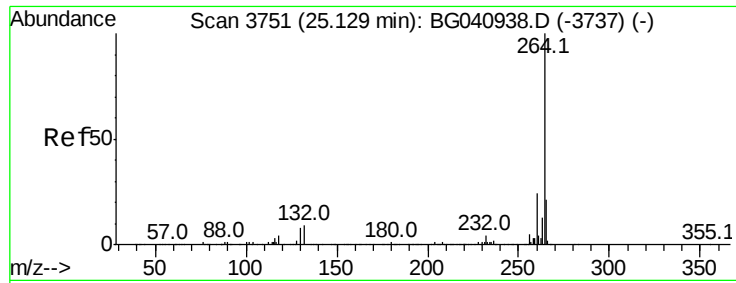
Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Tgt Ion:	276	Resp:	628105
Ion Ratio	Lower	Upper	
276	100		
138	4.7	5.7	8.5#
277	25.8	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3742

Delta R.T. -0.01 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

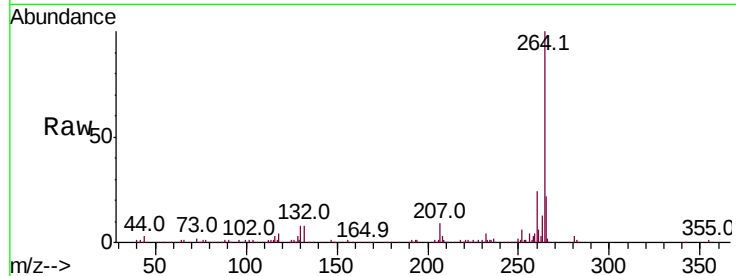
ClientSampleId :

PB120532BS

Tot Ion:	264	Resp:	263960
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.0	28.4
265	22.0	17.0	25.4

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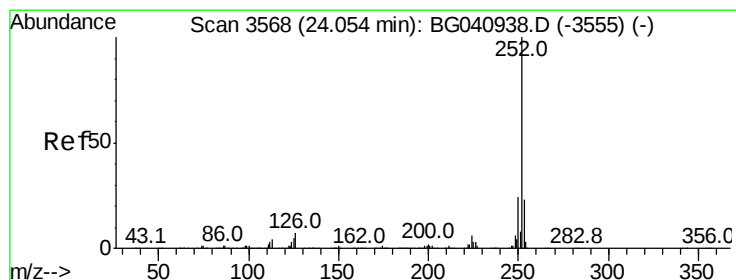
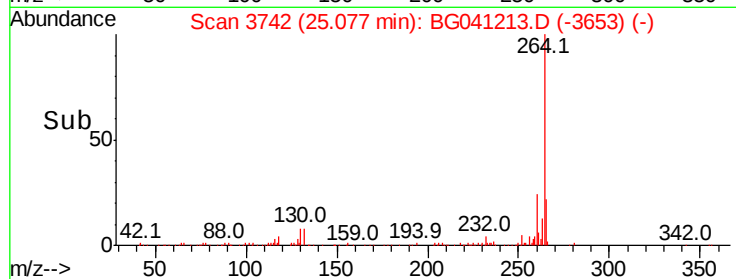
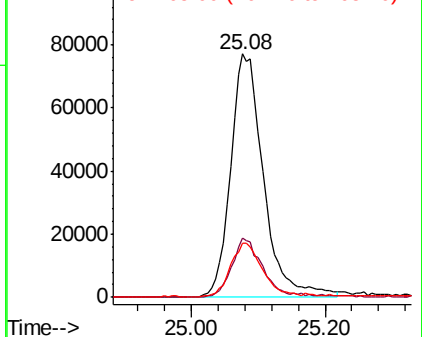


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.386 ng

RT: 24.02 min Scan# 3562

Delta R.T. 0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

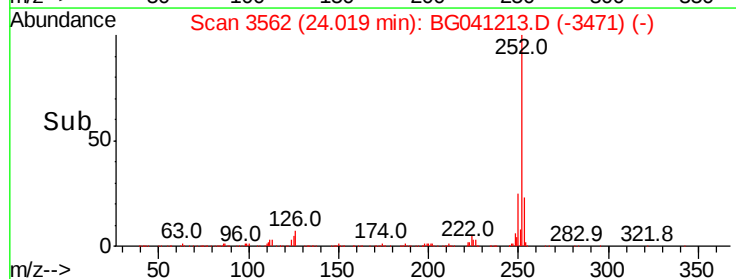
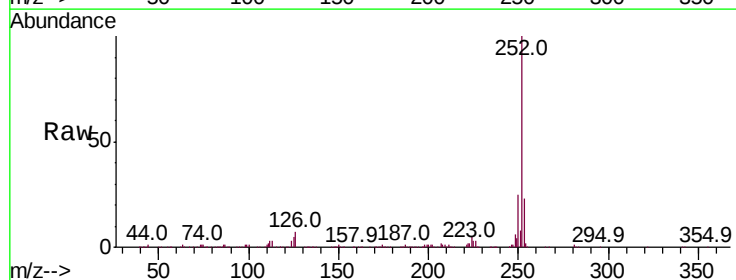
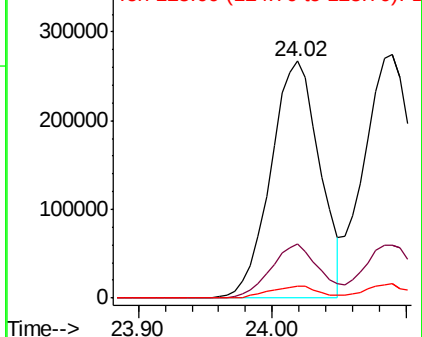
Tgt Ion:	252	Resp:	678607
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.4	27.6
125	4.9	4.3	6.5

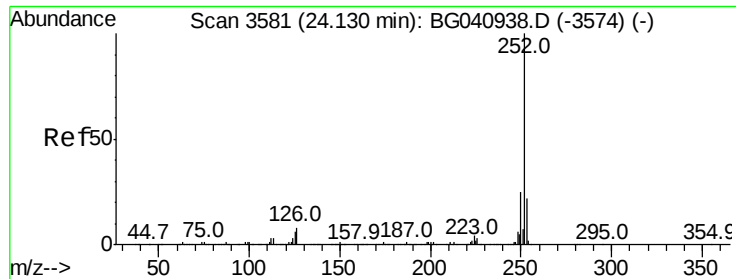
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.870 ng

RT: 24.09 min Scan# 3574

Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Instrument :

BNA_G

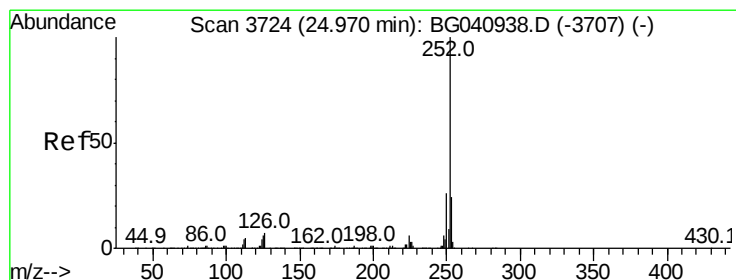
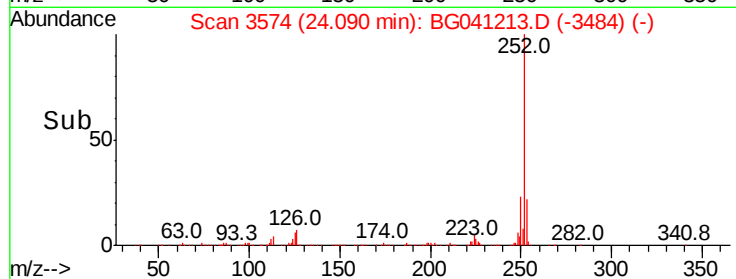
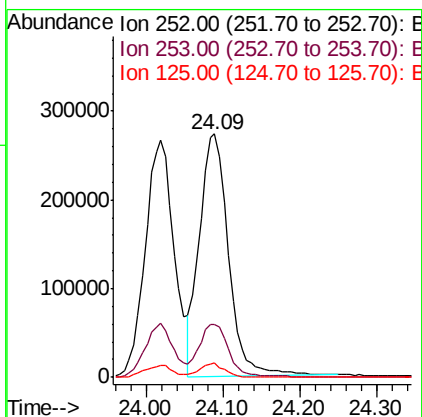
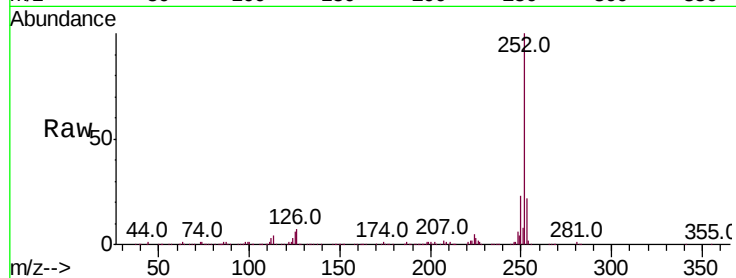
ClientSampleId :

PB120532BS

Tot Ion:	252	Resp:	710874
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.8	26.6
125	5.7	4.7	7.1

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#90

Benzo(a)pyrene

Concen: 43.407 ng

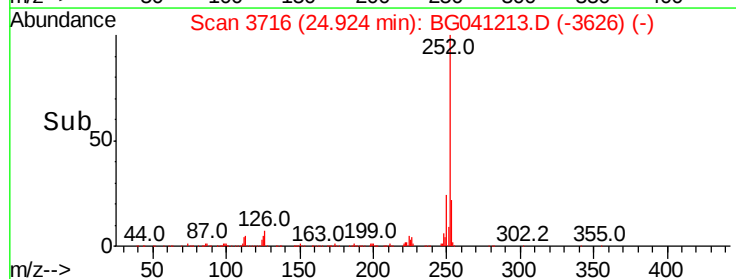
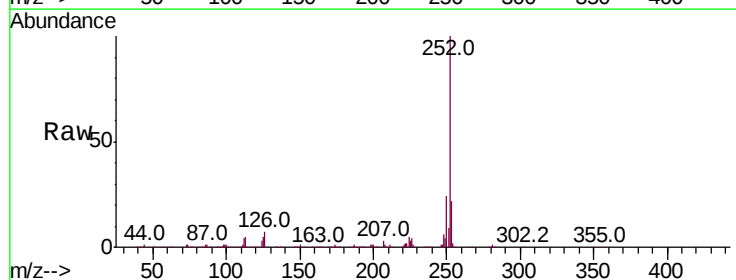
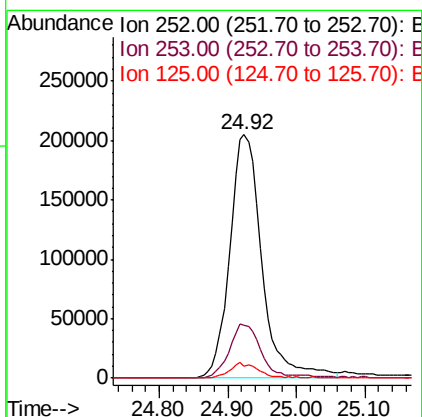
RT: 24.92 min Scan# 3716

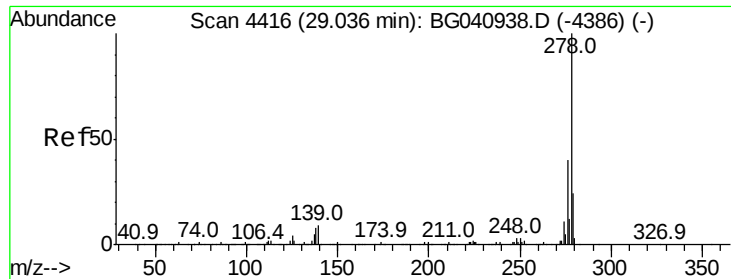
Delta R.T. -0.00 min

Lab File: BG041213.D

Acq: 12 Jun 2019 19:29

Tgt Ion:	252	Resp:	663026
Ion Ratio	Lower	Upper	
252	100		
253	21.9	19.5	29.3
125	4.8	5.1	7.7#





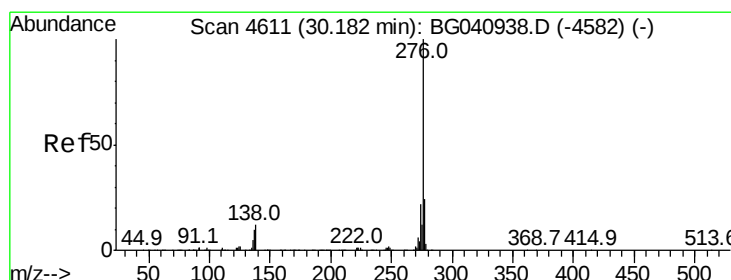
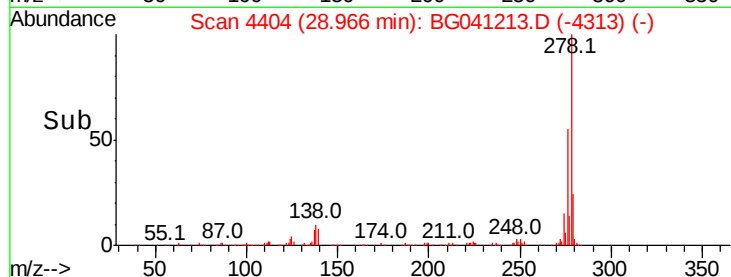
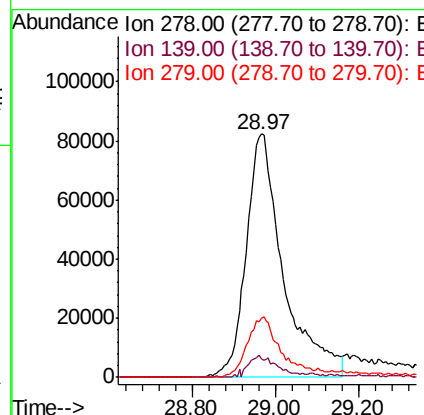
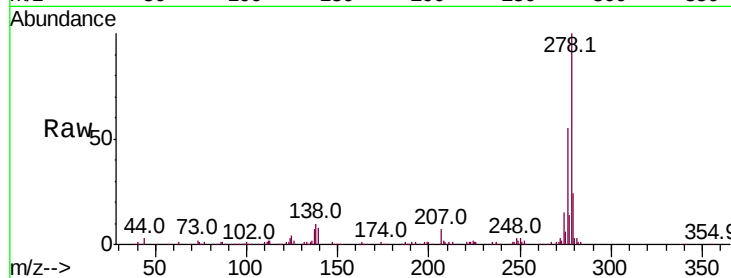
#91
Dibenzo(a,h)anthracene
Concen: 33.670 ng
RT: 28.97 min Scan# 4404
Delta R.T. 0.00 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Instrument :
BNA_G
ClientSampled :
PB120532BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.8	7.1	10.7
279	24.1	19.4	29.2

Manual Integrations
APPROVED

mohammad
6/14/2019 8:36:53 AM



#92
Benzo(g,h,i)perylene
Concen: 30.612 ng
RT: 30.10 min Scan# 4597
Delta R.T. -0.01 min
Lab File: BG041213.D
Acq: 12 Jun 2019 19:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	19.4	29.0
138	12.2	9.7	14.5

