

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
 Data File : BG041225.D
 Acq On : 13 Jun 2019 10:51
 Operator : HP/JU
 Sample : PB120547BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120547BS

Manual Integrations
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mohammad
 6/14/2019 8:48:12 AM

Quant Time: Jun 14 05:31:21 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	36129	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	143104	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	104722	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	262605	20.00	ng	0.00
76) Chrysene-d12	21.77	240	264951	20.00	ng	0.01
87) Perylene-d12	25.12	264	237629	20.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	275548	137.53	ng	0.00
7) Phenol-d6	7.26	99	395677	127.87	ng	0.01
23) Nitrobenzene-d5	9.28	82	272271	84.46	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	210609	135.47	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	647773	89.08	ng	0.00
79) Terphenyl-d14	20.08	244	1126746	90.26	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	33464	36.807	ng	# 91
3) Pyridine	3.90	79	93447	34.735	ng	98
4) n-Nitrosodimethylamine	3.82	42	56852	45.533	ng	# 79
6) Aniline	7.42	93	99517	24.094	ng	97
8) 2-Chlorophenol	7.66	128	112789	47.219	ng	93
9) Benzaldehyde	7.24	77	26798	14.518	ng	86
10) Phenol	7.28	94	151620	45.700	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	100538	41.771	ng	98
12) 1,3-Dichlorobenzene	7.99	146	117657	41.241	ng	95
13) 1,4-Dichlorobenzene	8.13	146	122931	42.569	ng	98
14) 1,2-Dichlorobenzene	8.46	146	115281	41.115	ng	96
15) Benzyl Alcohol	8.35	79	121350	42.395	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	152542	38.786	ng	96
17) 2-Methylphenol	8.54	107	104308	43.422	ng	95
18) Hexachloroethane	9.19	117	45993	41.323	ng	97
19) n-Nitroso-di-n-propylamine	8.90	70	95226	39.990	ng	98
20) 3+4-Methylphenols	8.87	107	145743	43.799	ng	98
22) Acetophenone	8.93	105	181328	45.170	ng	# 98
24) Nitrobenzene	9.33	77	152660	46.471	ng	98
25) Isophorone	9.84	82	267604	43.622	ng	99
26) 2-Nitrophenol	10.04	139	68081	50.272	ng	91
27) 2,4-Dimethylphenol	10.08	122	116237	51.969	ng	99
28) bis(2-Chloroethoxy)methane	10.32	93	141343	42.689	ng	98
29) 2,4-Dichlorophenol	10.57	162	133276	46.924	ng	95
30) 1,2,4-Trichlorobenzene	10.78	180	147175	45.550	ng	97
31) Naphthalene	10.98	128	356463	46.394	ng	99
32) Benzoic acid	10.23	122	62355	37.911	ng	# 87
33) 4-Chloroaniline	11.09	127	86934	24.385	ng	97
34) Hexachlorobutadiene	11.24	225	104880	42.423	ng	97
35) Caprolactam	11.88	113	40839m	43.542	ng	
36) 4-Chloro-3-methylphenol	12.20	107	148318	45.724	ng	99
37) 2-Methylnaphthalene	12.57	142	274894	46.454	ng	98
38) 1-Methylnaphthalene	12.79	142	258159	46.295	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	204428	48.433	ng	99

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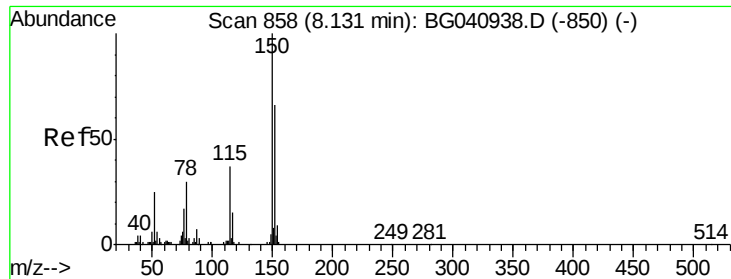
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	207008	90.080	nq	94
43) 2,4,6-Trichlorophenol	13.17	196	131876	48.297	nq	98
44) 2,4,5-Trichlorophenol	13.25	196	134248	46.618	nq	98
46) 1,1'-Biphenyl	13.57	154	369190	47.627	nq	99
47) 2-Chloronaphthalene	13.62	162	310501	46.659	nq	98
48) 2-Nitroaniline	13.83	65	107001	44.820	nq	95
49) Acenaphthylene	14.47	152	472653	47.191	nq	99
50) Dimethylphthalate	14.19	163	395729	44.641	nq	100
51) 2,6-Dinitrotoluene	14.32	165	91335	47.786	nq	94
52) Acenaphthene	14.80	154	277125	45.674	nq	94
53) 3-Nitroaniline	14.66	138	66539	34.814	nq	# 99
54) 2,4-Dinitrophenol	14.86	184	86797	84.882	nq	92
55) Dibenzofuran	15.13	168	481419	47.154	nq	99
56) 4-Nitrophenol	14.96	139	122677	93.579	nq	94
57) 2,4-Dinitrotoluene	15.10	165	127611	47.265	nq	# 95
58) Fluorene	15.78	166	373124	45.891	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	139100	49.151	nq	99
60) Diethylphthalate	15.54	149	401729	44.406	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	244530	46.270	nq	97
62) 4-Nitroaniline	15.82	138	85594	42.302	nq	94
63) Azobenzene	16.06	77	369774	44.971	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	69857	49.349	nq	94
66) n-Nitrosodiphenylamine	15.99	169	340912	46.181	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	155441	43.861	nq	98
68) Hexachlorobenzene	16.78	284	162027	42.935	nq	99
69) Atrazine	16.93	200	141447	49.658	nq	96
70) Pentachlorophenol	17.13	266	178275	87.750	nq	94
71) Phenanthrene	17.53	178	632936	46.272	nq	99
72) Anthracene	17.62	178	642464	47.622	nq	99
73) Carbazole	17.89	167	556651	48.088	nq	98
74) Di-n-butylphthalate	18.42	149	655766	45.580	nq	99
75) Fluoranthene	19.53	202	811088	48.006	nq	100
77) Benzidine	19.71	184	241800	38.257	nq	97
78) Pyrene	19.90	202	820137	47.617	nq	98
80) Butylbenzylphthalate	20.76	149	305532	45.584	nq	98
81) Benzo(a)anthracene	21.75	228	791744	44.892	nq	98
82) 3,3'-Dichlorobenzidine	21.67	252	178664	28.802	nq	96
83) Chrysene	21.82	228	778586	46.131	nq	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	421591	44.682	nq	96
85) Di-n-octyl phthalate	22.86	149	720940	45.878	nq	100
86) Indeno(1,2,3-cd)pyrene	28.98	276	646476	31.269	nq	98
88) Benzo(b)fluoranthene	24.04	252	738513	51.239	nq	98
89) Benzo(k)fluoranthene	24.12	252	794108	55.677	nq	98
90) Benzo(a)pyrene	24.96	252	749000	54.469	nq	94
91) Dibenzo(a,h)anthracene	29.03	278	496375	36.126	nq	100
92) Benzo(g,h,i)perylene	30.20	276	465529	34.874	nq	# 94

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



#1

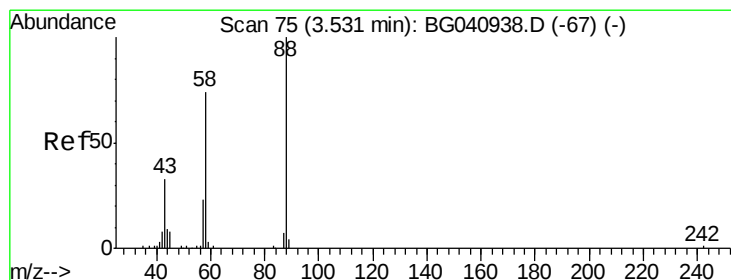
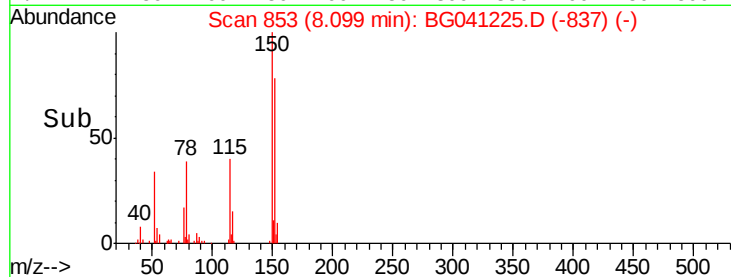
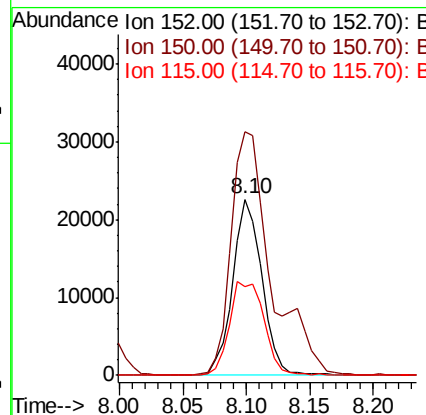
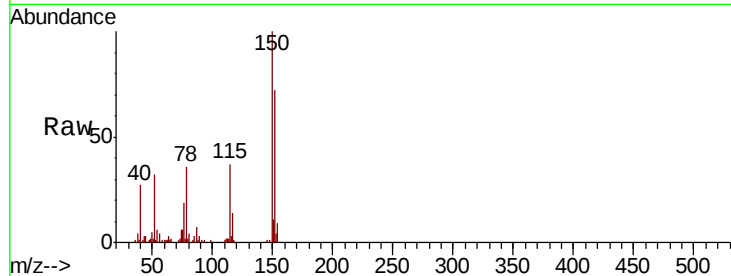
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Instrument :
BNA_G
ClientSampleId :
PB120547BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.1	120.6	180.8
115	50.7	45.1	67.7

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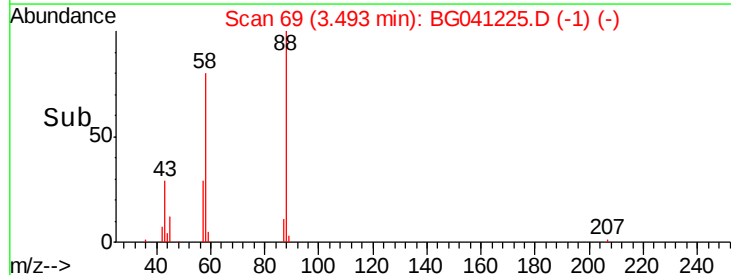
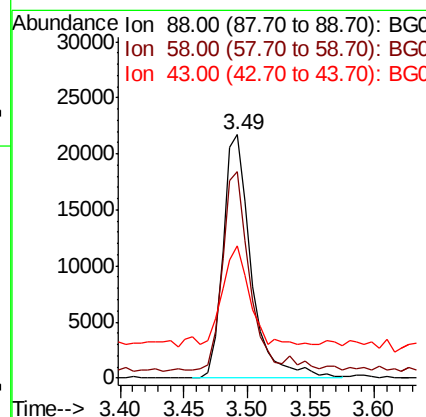
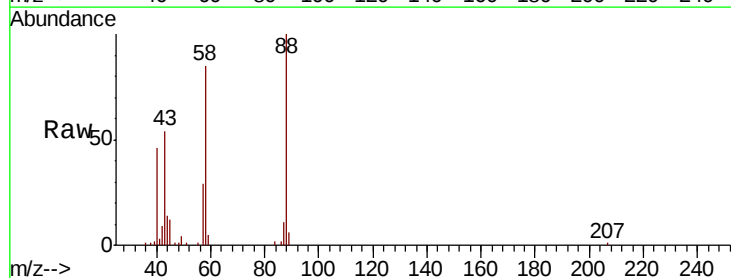
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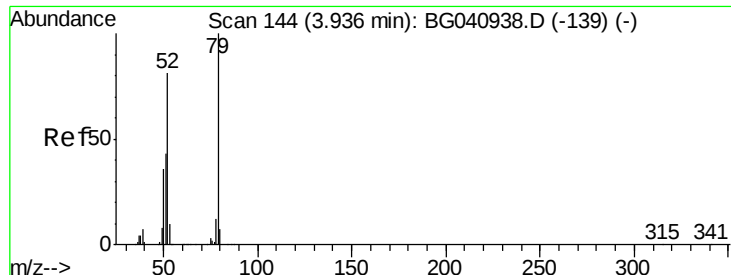


#2

1,4-Dioxane
Concen: 36.807 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.9	59.0	88.6
43	44.9	27.2	40.8





#3

Pvridine

Concen: 34.735 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

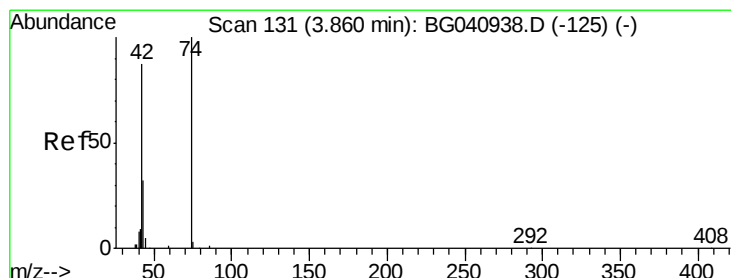
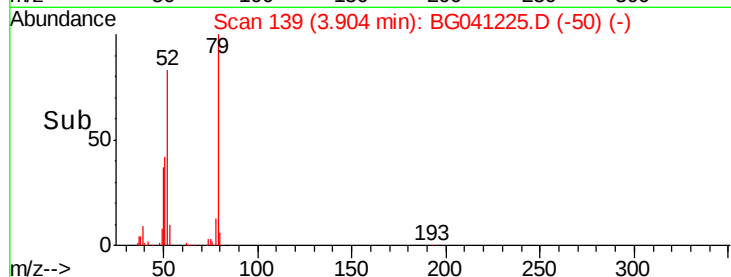
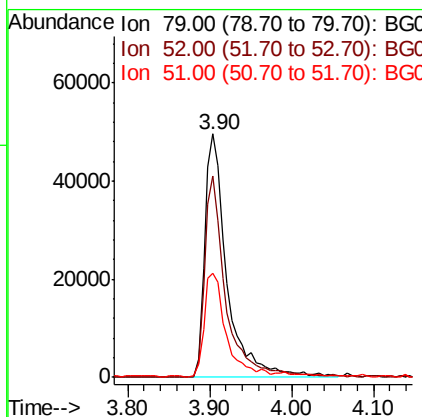
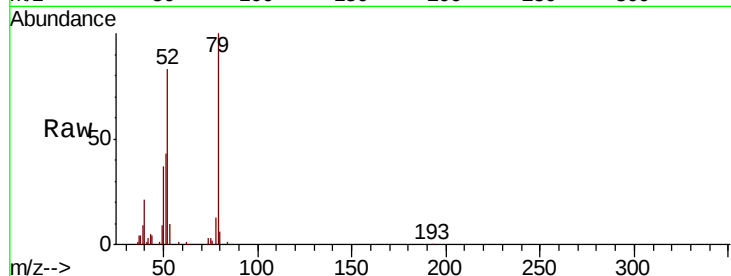
ClientSampleId :

PB120547BS

Tot Ion:	79	Resp:	93447
Ion Ratio	Lower	Upper	
79	100		
52	82.6	64.8	97.2
51	42.9	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 45.533 ng

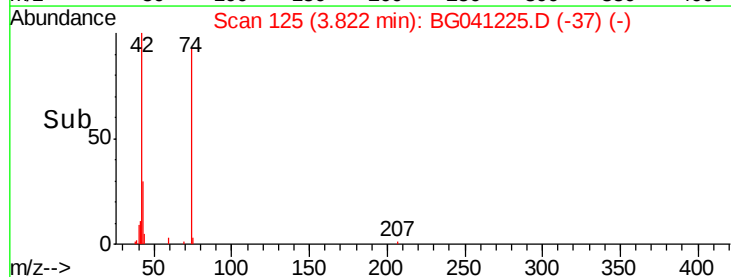
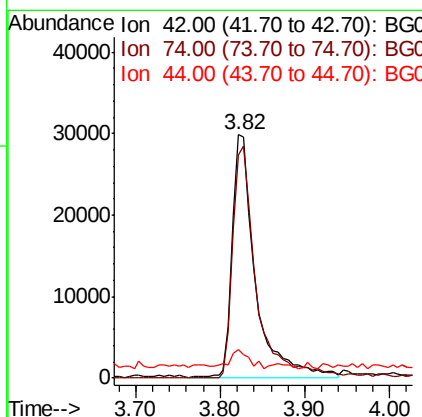
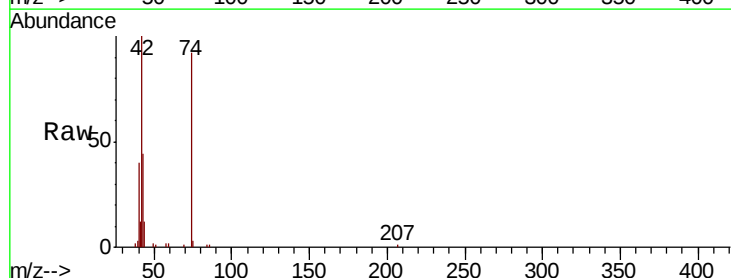
RT: 3.82 min Scan# 125

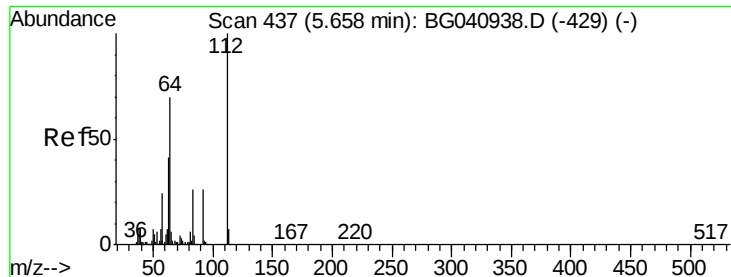
Delta R.T. -0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Tgt Ion:	42	Resp:	56852
Ion Ratio	Lower	Upper	
42	100		
74	91.6	91.8	137.6#
44	11.5	6.0	9.0#





#5

2-Fluorophenol

Concen: 137.527 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

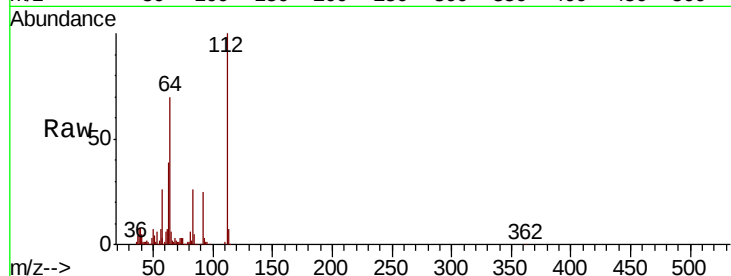
ClientSampleId :

PB120547BS

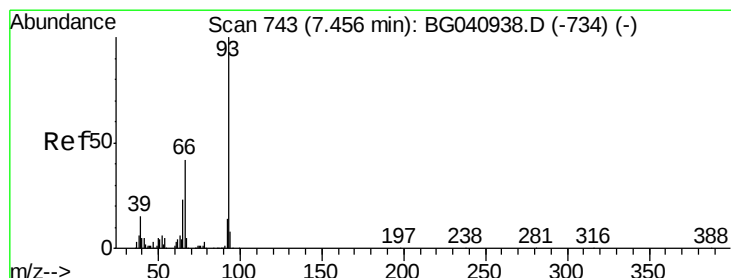
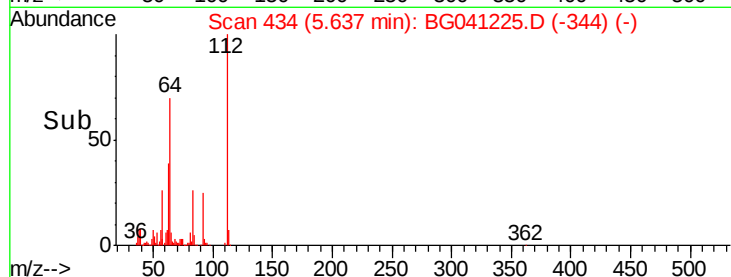
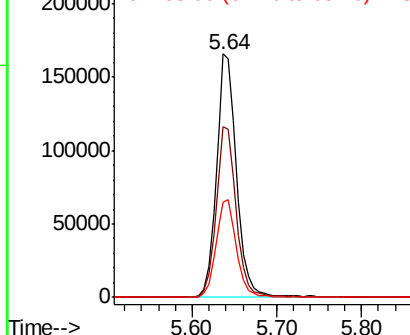
Tot Ion:	112	Resp:	275548
Ion Ratio	Lower	Upper	
112	100		
64	70.3	56.2	84.2
63	38.9	32.8	49.2

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.094 ng

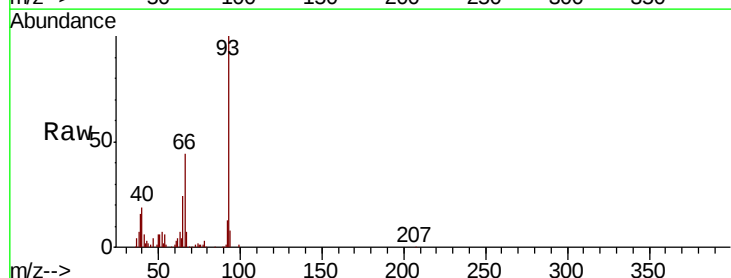
RT: 7.42 min Scan# 738

Delta R.T. -0.01 min

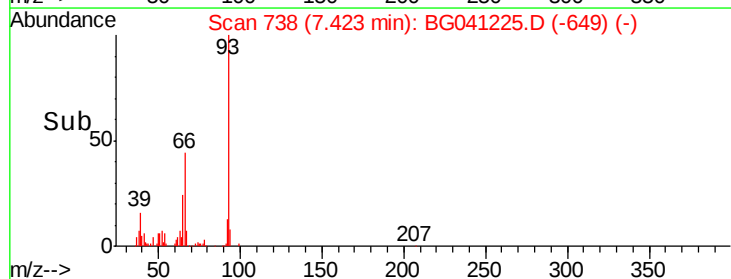
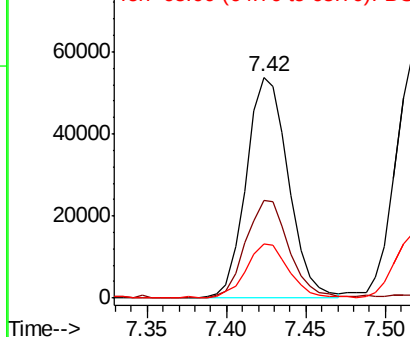
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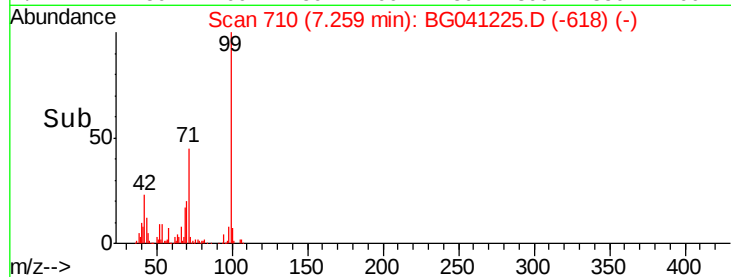
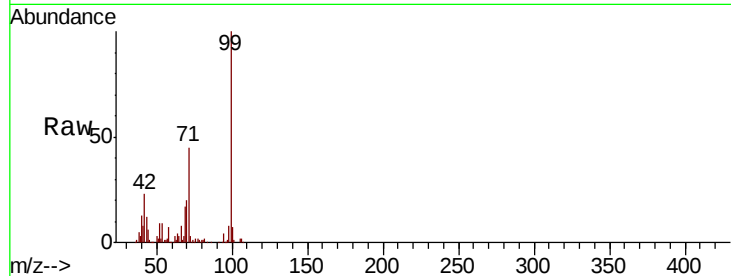
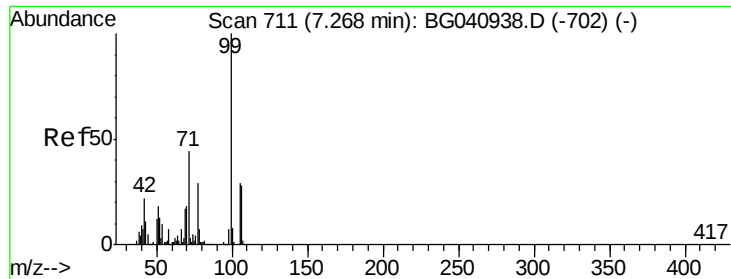
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Tgt Ion:	93	Resp:	99517
Ion Ratio	Lower	Upper	
93	100		
66	44.4	33.8	50.8
65	24.5	18.3	27.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 127.871 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Tot Ion:	99	Resp:	395677
Ion Ratio	Lower	Upper	
99	100		
42	23.0	17.9	26.9
71	45.4	35.4	53.0

Instrument :

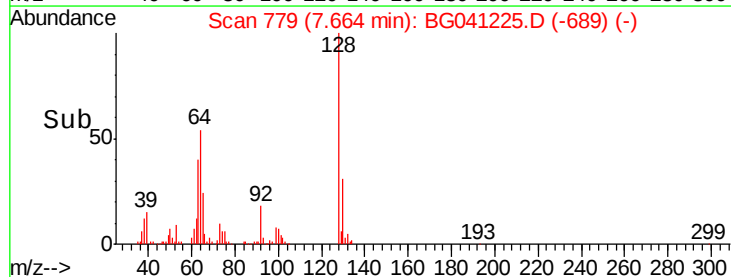
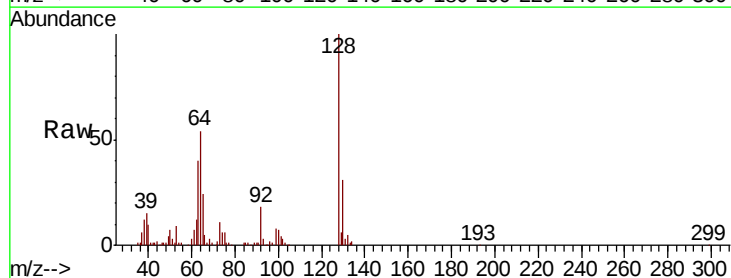
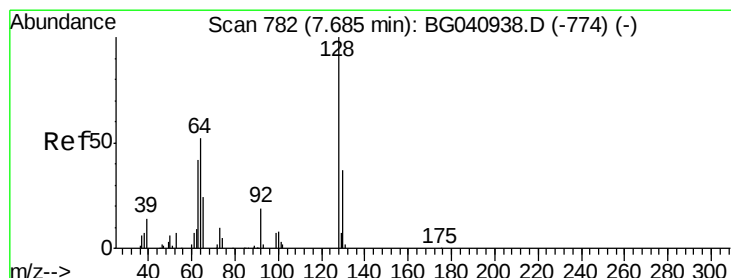
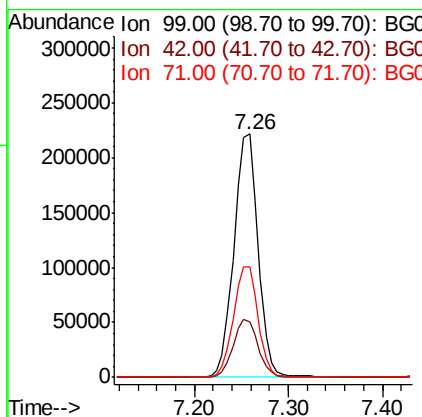
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#8

2-Chlorophenol

Concen: 47.219 ng

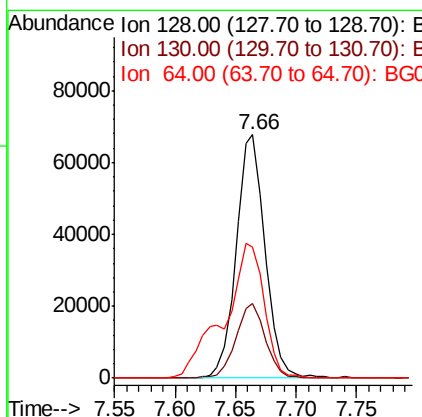
RT: 7.66 min Scan# 779

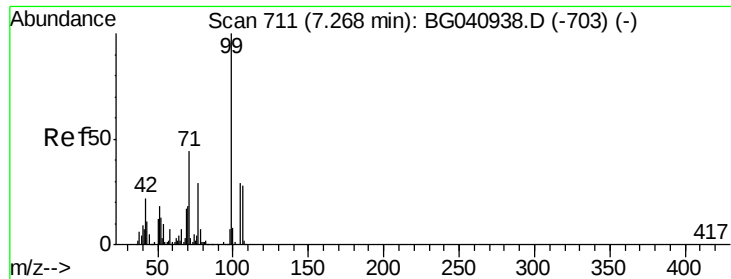
Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Tgt Ion:	128	Resp:	112789
Ion Ratio	Lower	Upper	
128	100		
130	30.6	16.6	56.6
64	53.9	37.8	77.8





#9

Benzaldehyde

Concen: 14.518 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

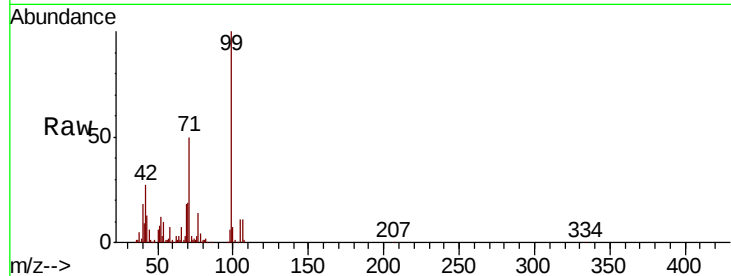
ClientSampleId :

PB120547BS

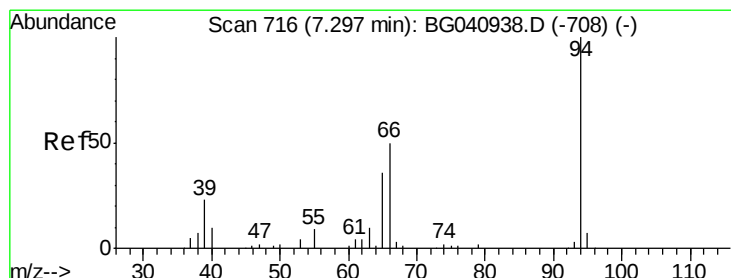
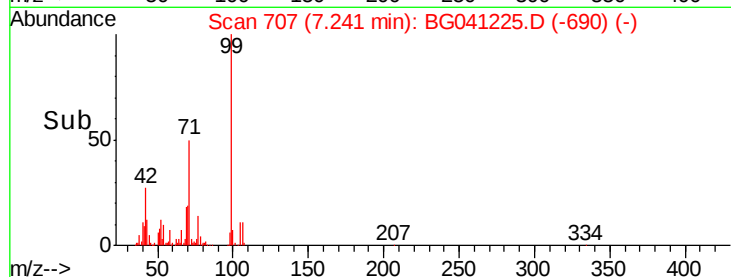
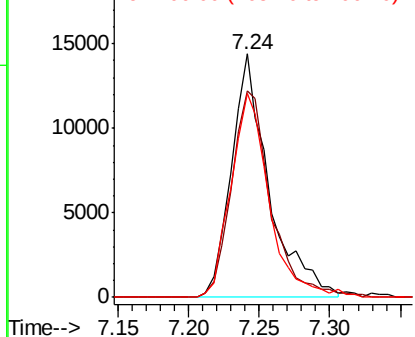
Tot Ion:	77	Resp:	26798
Ion	Ratio	Lower	Upper
77	100		
105	84.7	78.9	118.9
106	83.7	76.7	116.7

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.700 ng

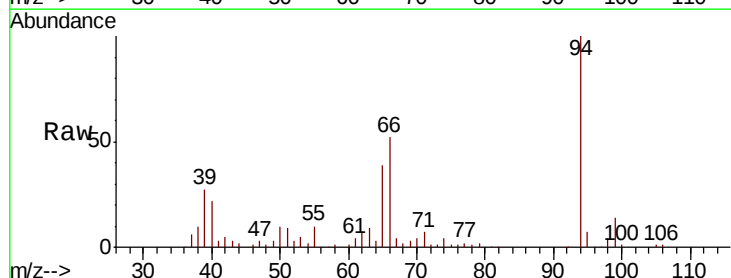
RT: 7.28 min Scan# 714

Delta R.T. 0.01 min

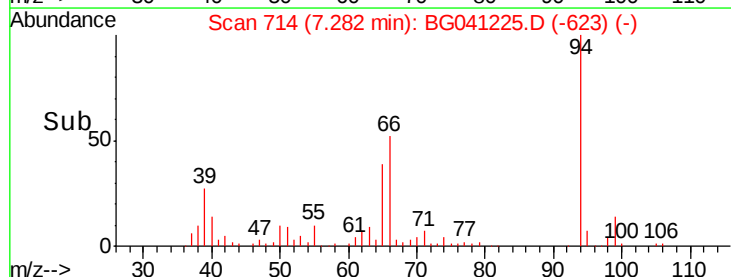
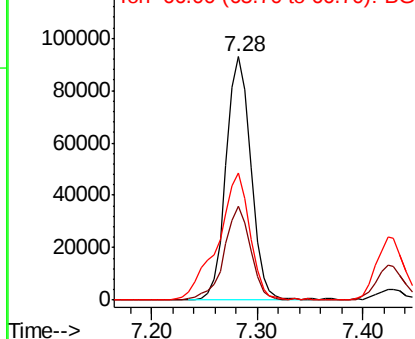
Lab File: BG041225.D

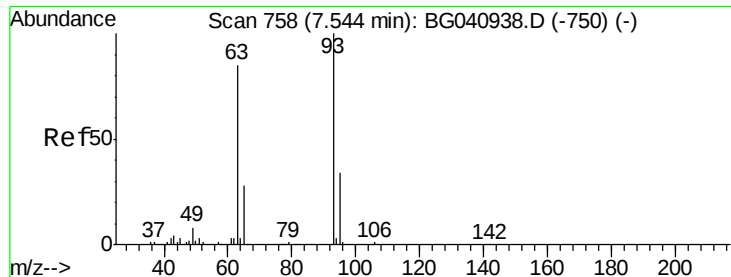
Acq: 13 Jun 2019 10:51

Tgt Ion:	94	Resp:	151620
Ion	Ratio	Lower	Upper
94	100		
65	38.8	17.0	57.0
66	52.2	32.4	72.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





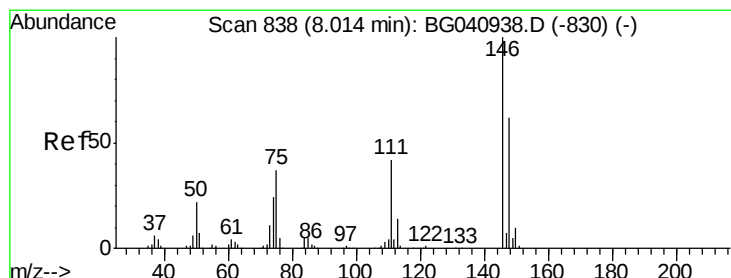
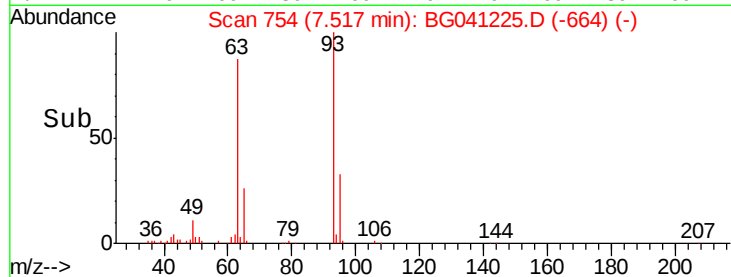
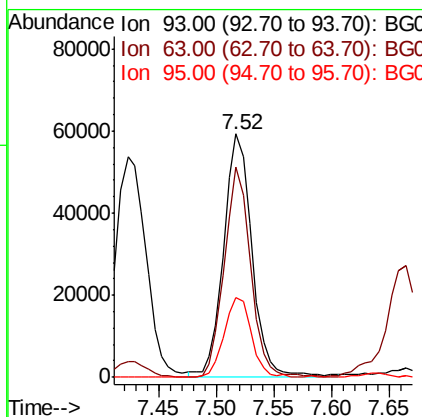
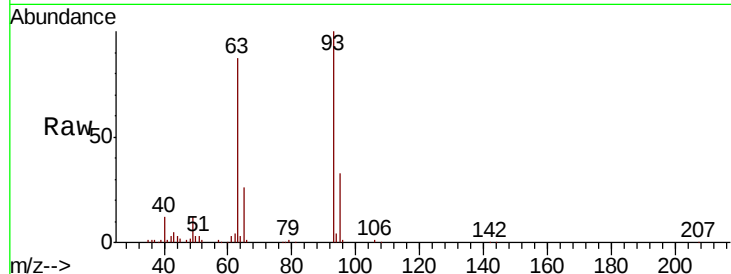
#11
bis(2-Chloroethyl)ether
Concen: 41.771 ng
RT: 7.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Instrument :
BNA_G
ClientSampleId :
PB120547BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	86.6	64.5	104.5	
95	32.9	13.3	53.3	

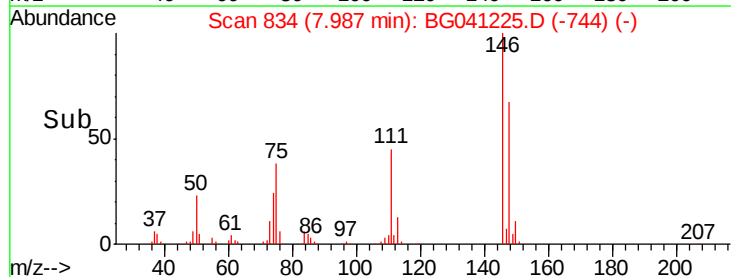
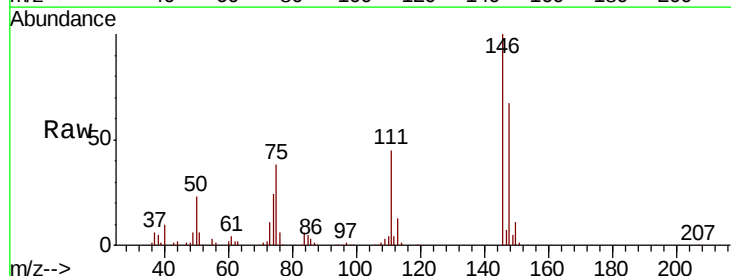
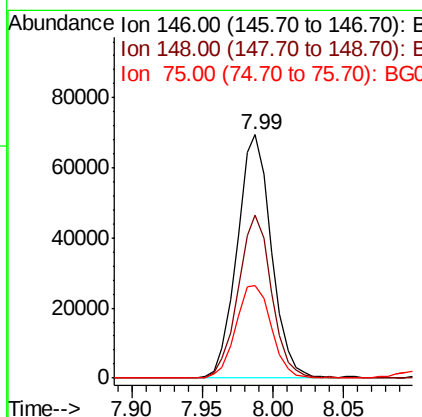
Manual Integrations
APPROVED

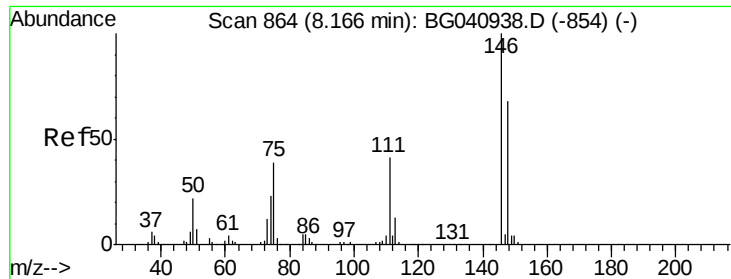
mohammad
6/14/2019 8:48:12 AM



#12
1,3-Dichlorobenzene
Concen: 41.241 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	66.7	49.2	73.8	
75	38.2	29.4	44.0	





#13

1,4-Dichlorobenzene

Concen: 42.569 ng

RT: 8.13 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

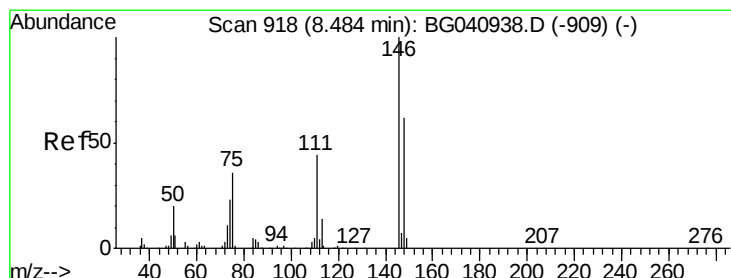
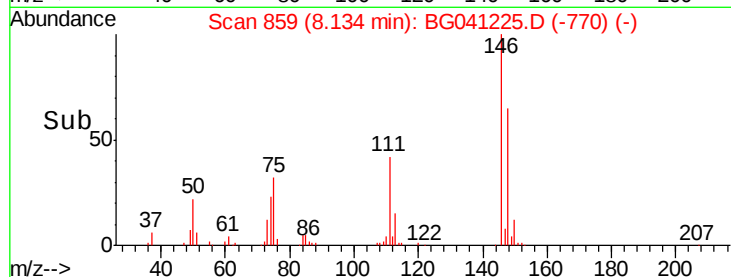
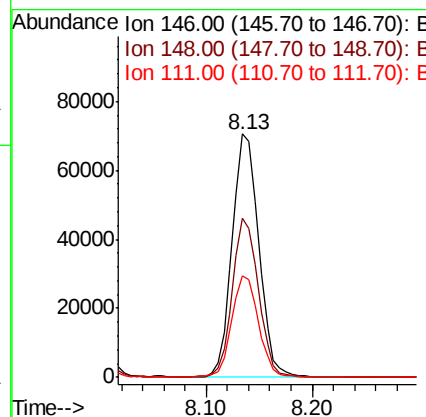
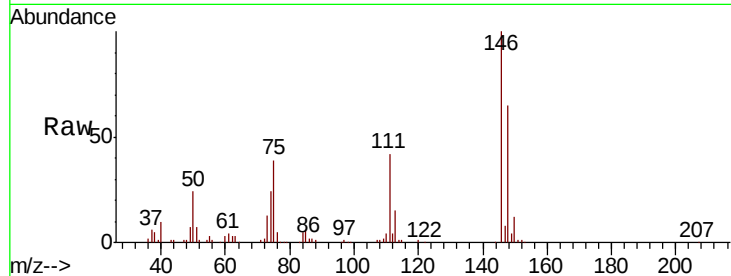
ClientSampleId :

PB120547BS

Tot Ion:	146	Resp:	122931
Ion Ratio	Lower	Upper	
146	100		
148	65.2	54.2	81.4
111	41.7	32.9	49.3

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.115 ng

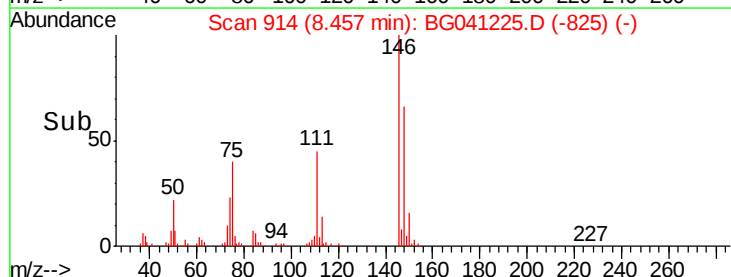
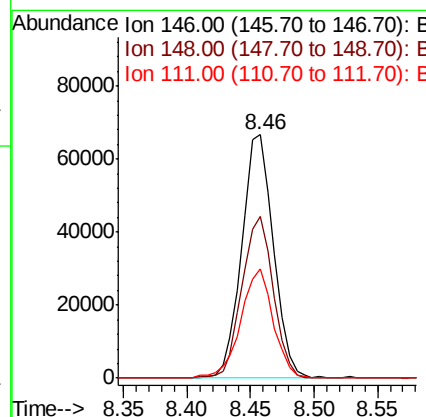
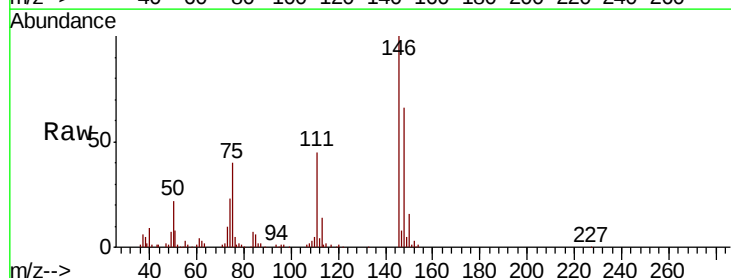
RT: 8.46 min Scan# 914

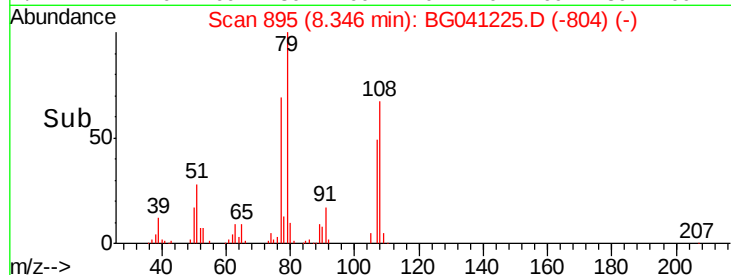
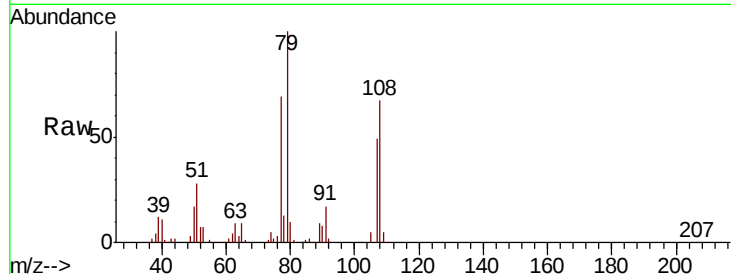
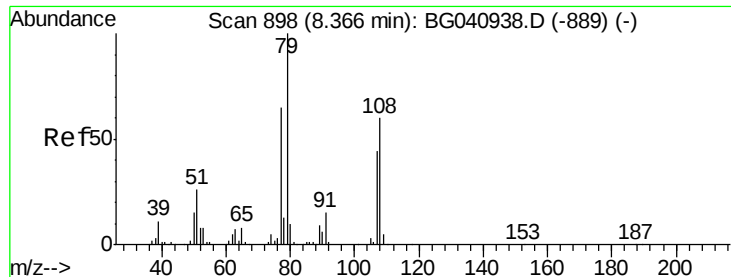
Delta R.T. -0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Tgt Ion:	146	Resp:	115281
Ion Ratio	Lower	Upper	
146	100		
148	66.5	49.8	74.6
111	44.9	35.0	52.4





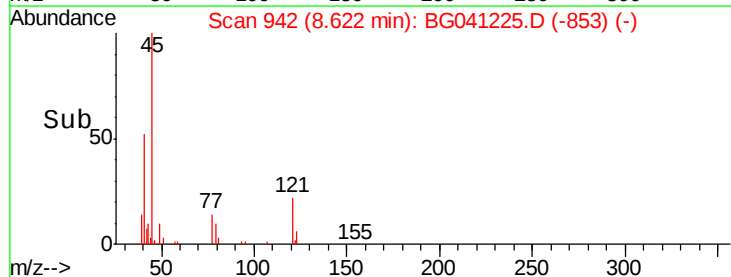
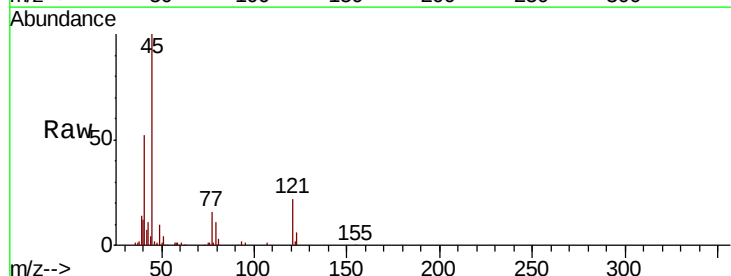
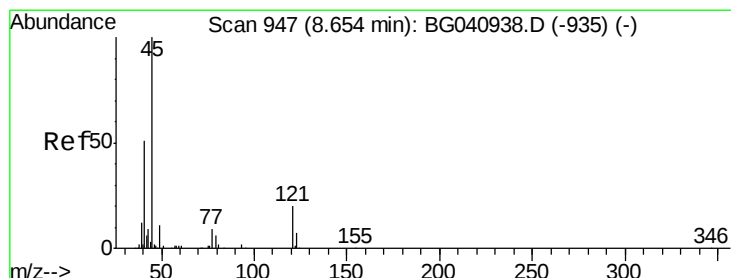
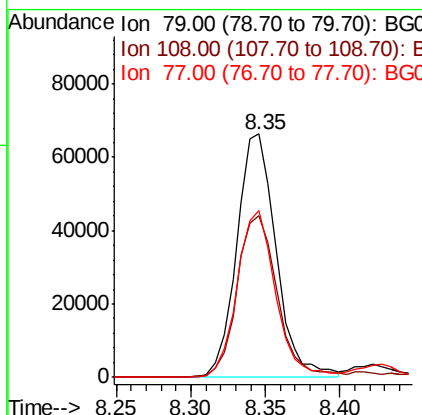
#15
Benzyl Alcohol
Concen: 42.395 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tot Ion	79	Resp	121350
Ion Ratio	Lower	Upper	
79	100		
108	66.6	48.3	72.5
77	68.5	52.3	78.5

Instrument :
BNA_G
ClientSampleId :
PB120547BS

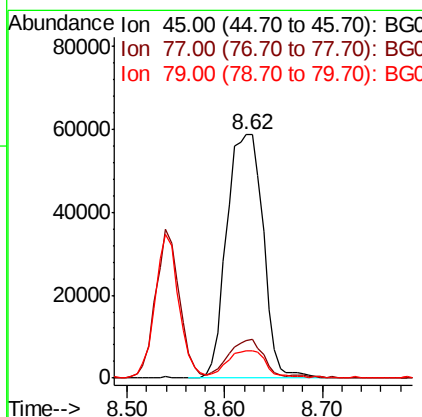
Manual Integrations
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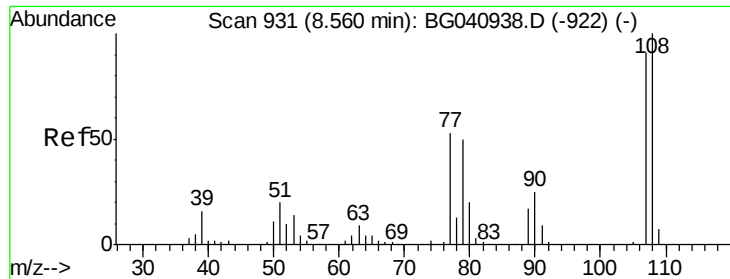
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.786 ng
RT: 8.62 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion	45	Resp	152542
Ion Ratio	Lower	Upper	
45	100		
77	15.6	0.0	33.7
79	11.1	0.0	30.2





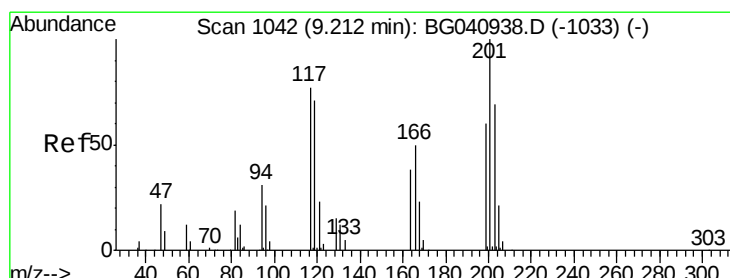
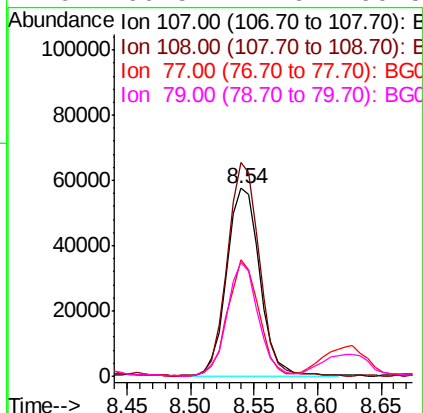
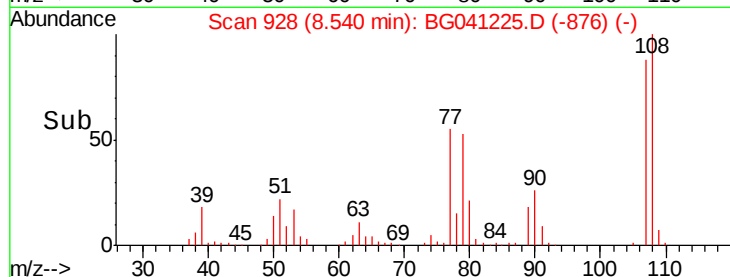
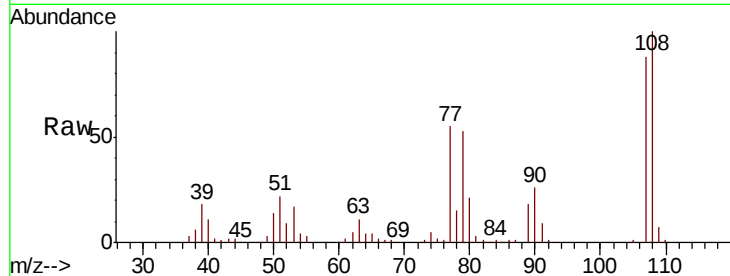
#17
2-Methylphenol
Concen: 43.422 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Instrument :
BNA_G
ClientSampled :
PB120547BS

Tot Ion	107	Resp	104308
Ion Ratio	Lower	Upper	
107	100		
108	113.8	87.7	131.5
77	62.3	46.6	70.0
79	60.5	44.6	66.8

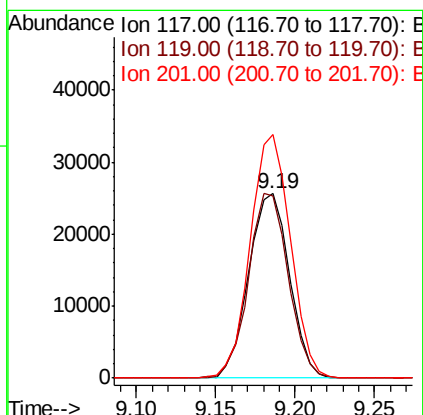
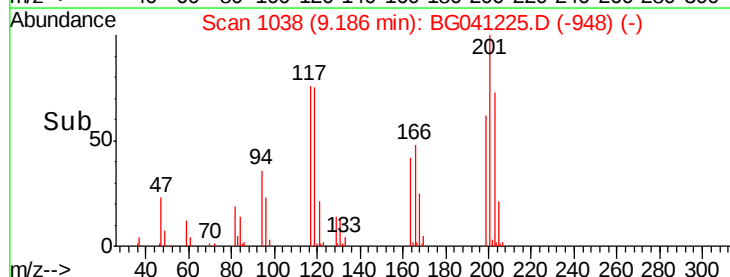
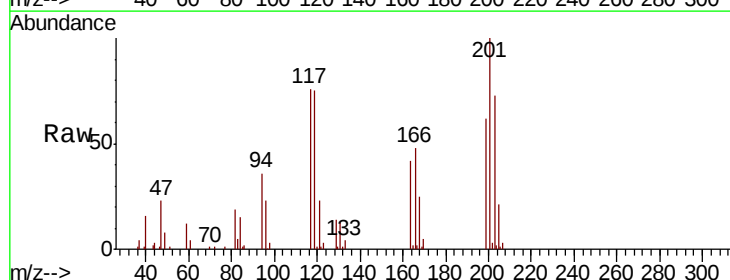
Manual Integrations
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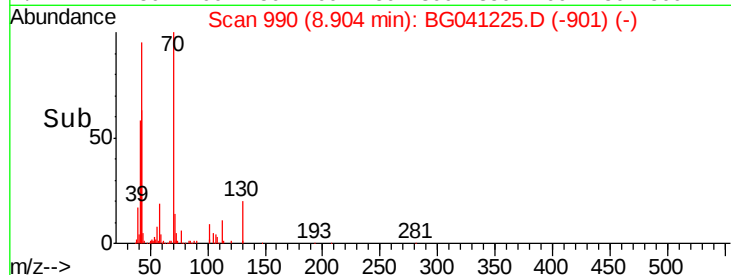
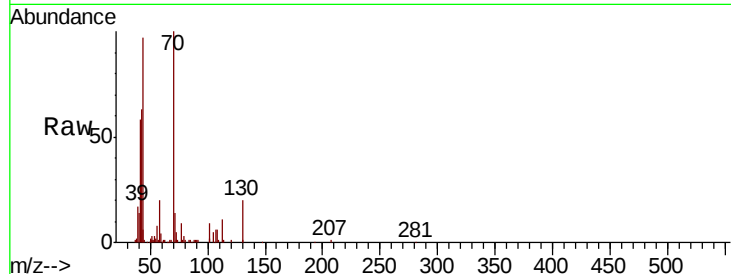
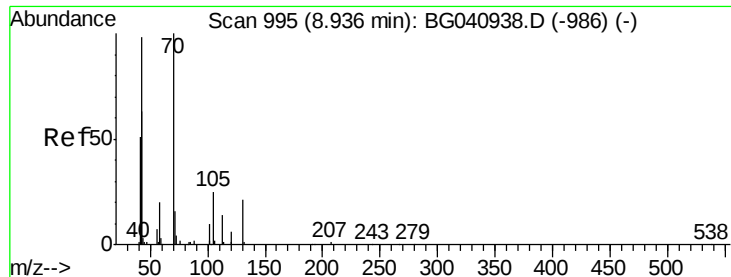
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#18
Hexachloroethane
Concen: 41.323 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion	117	Resp	45993
Ion Ratio	Lower	Upper	
117	100		
119	98.7	75.0	112.6
201	131.9	103.5	155.3





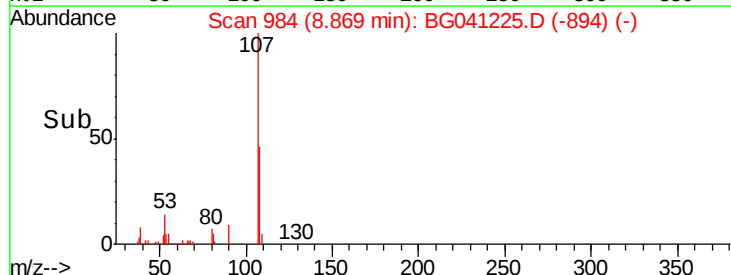
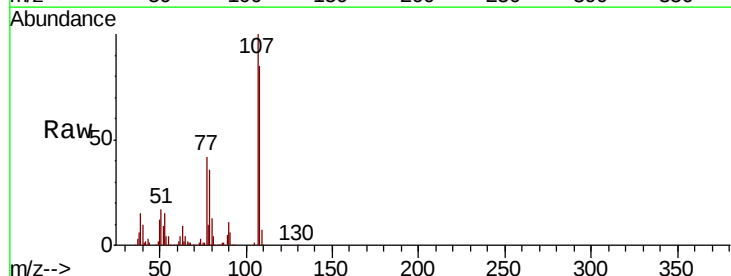
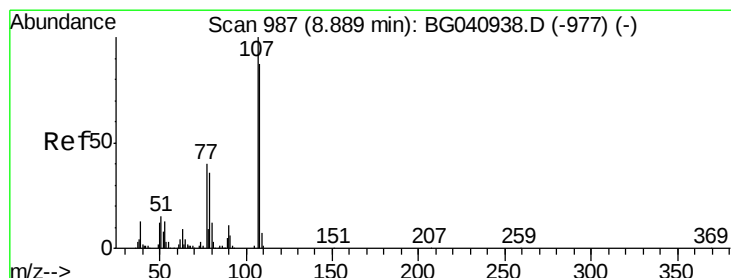
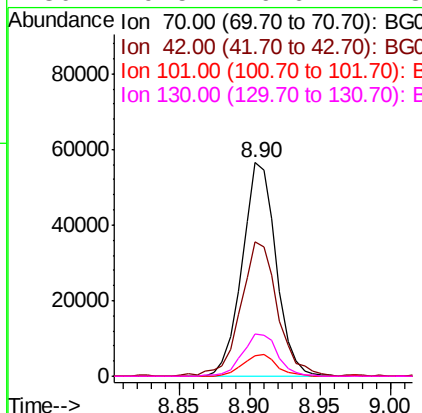
#19
n-Nitroso-di-n-propylamine
Concen: 39.990 ng
RT: 8.90 min Scan# 990
Delta R.T. -0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Instrument :
BNA_G
ClientSampleId :
PB120547BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.1	51.5	77.3	
101	9.3	8.1	12.1	
130	19.5	16.6	24.8	

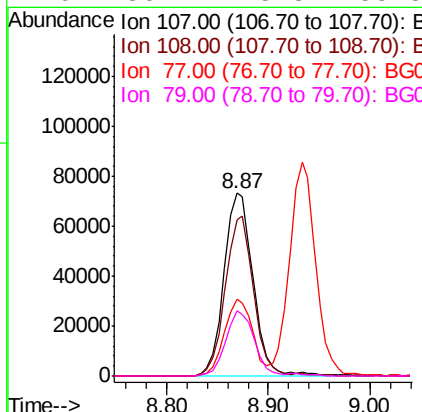
Manual Integrations
APPROVED

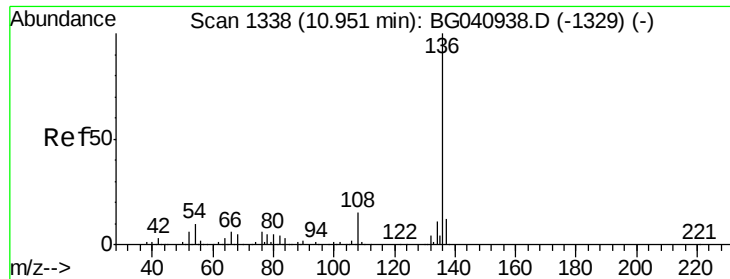
mohammad
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#20
3+4-Methylphenols
Concen: 43.799 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.2	66.8	106.8	
77	42.3	20.5	60.5	
79	36.1	15.8	55.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

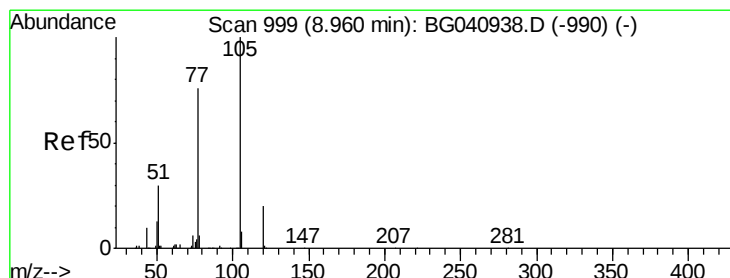
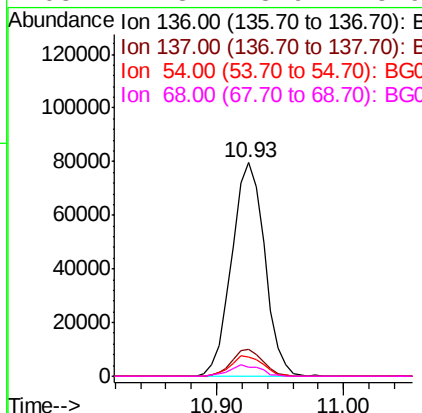
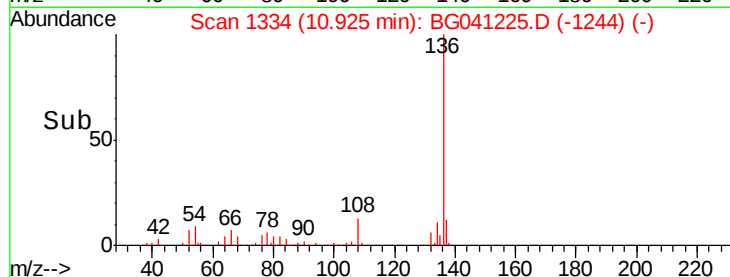
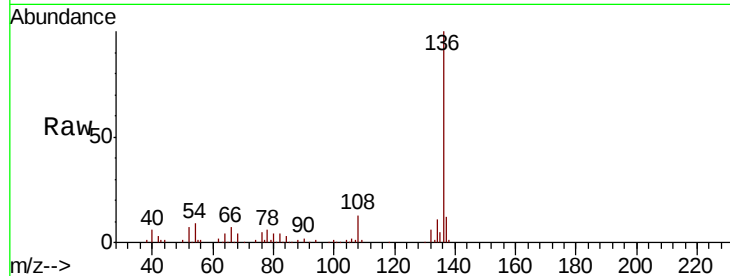
ClientSampleId :

PB120547BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	143104		
137	12.3	9.5	14.3	
54	8.8	7.6	11.4	
68	4.3	3.9	5.9	

Manual Integrations
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#22

Acetophenone

Concen: 45.170 ng

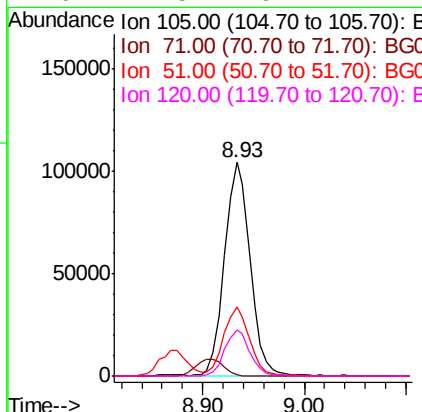
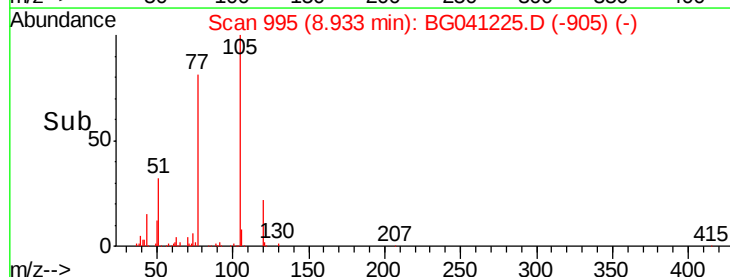
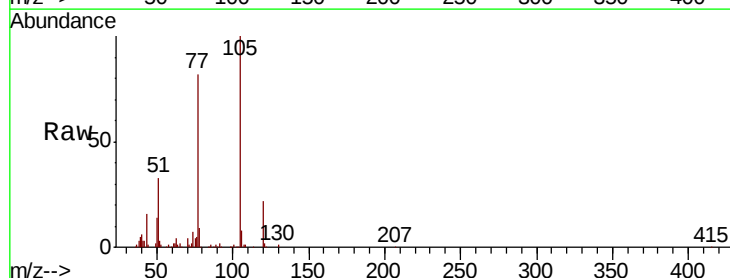
RT: 8.93 min Scan# 995

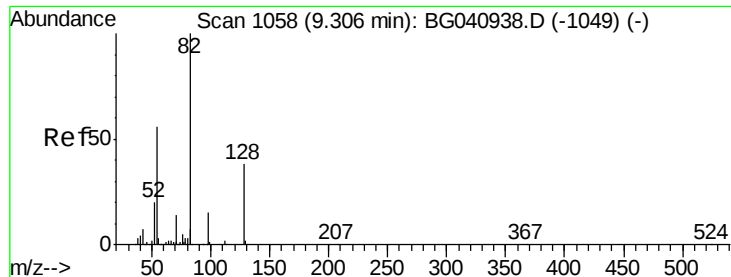
Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	181328		
71	0.7	0.4	0.6	
51	32.6	27.0	40.6	
120	21.5	16.2	24.4	





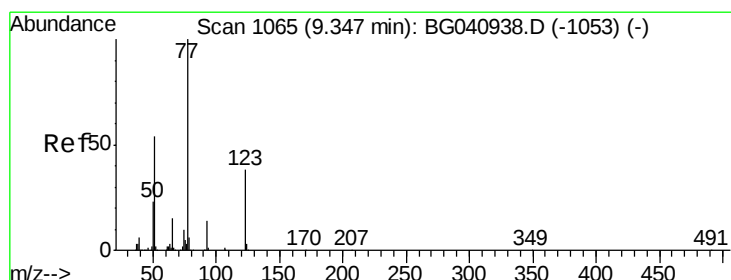
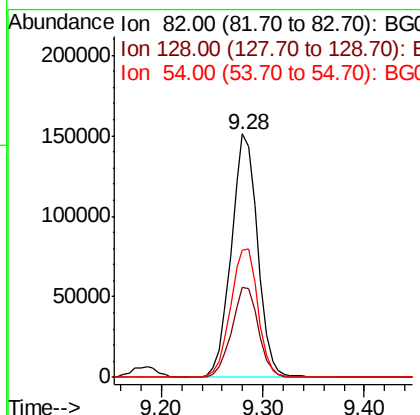
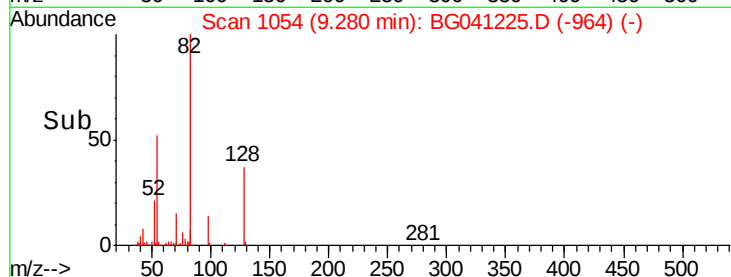
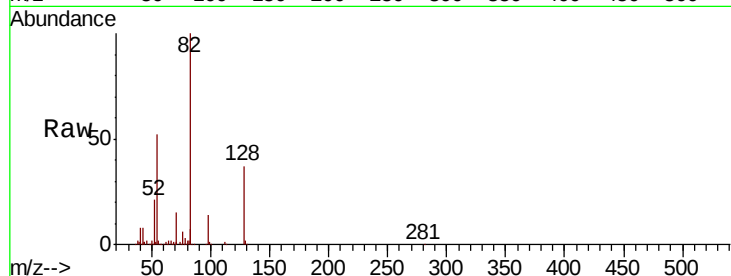
#23
Nitrobenzene-d5
Concen: 84.464 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Instrument :
BNA_G
ClientSampleId :
PB120547BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.9	30.5	45.7
54	52.4	44.6	66.8

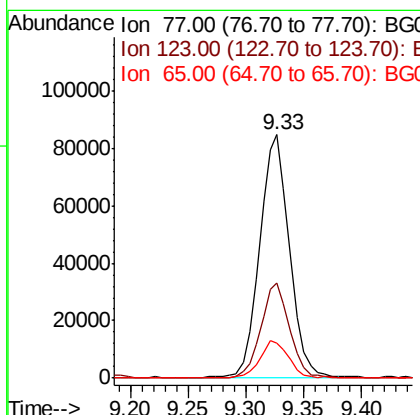
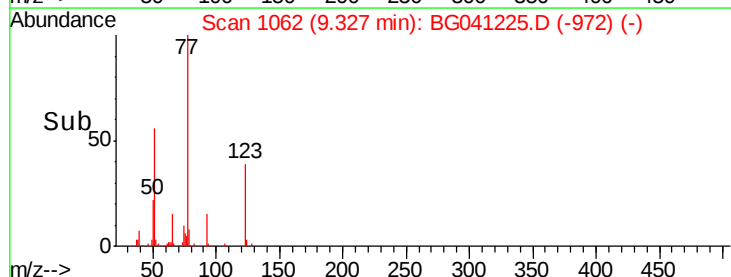
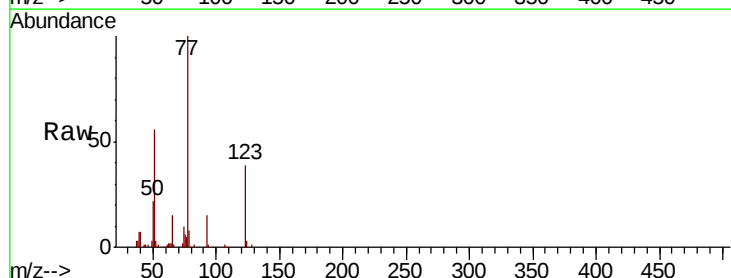
Manual Integrations
APPROVED

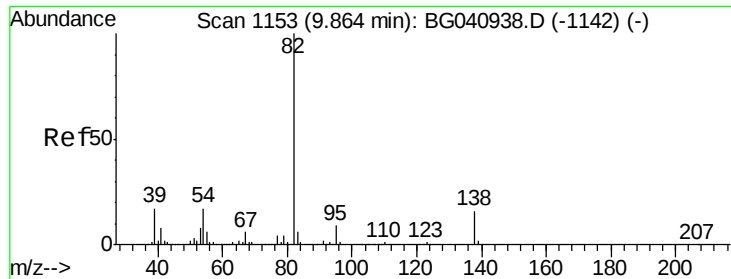
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#24
Nitrobenzene
Concen: 46.471 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.2	30.6	46.0
65	14.6	12.3	18.5





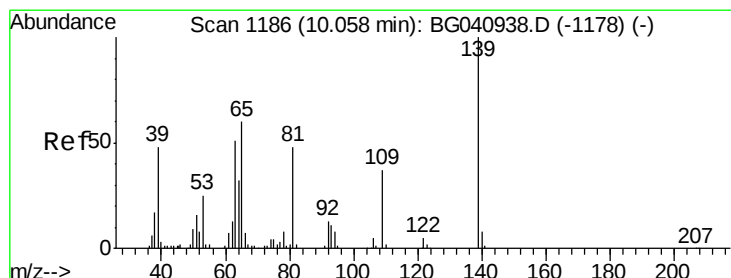
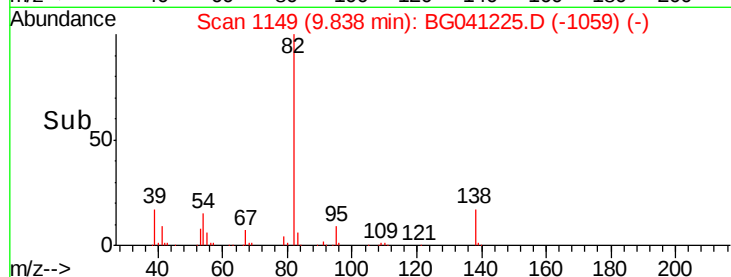
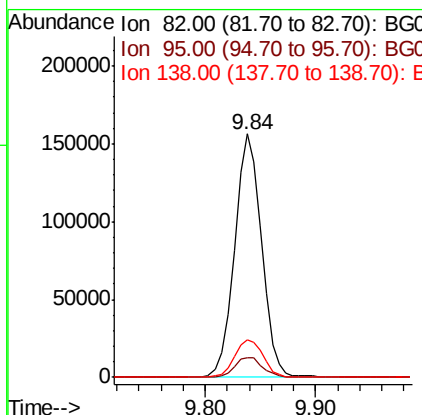
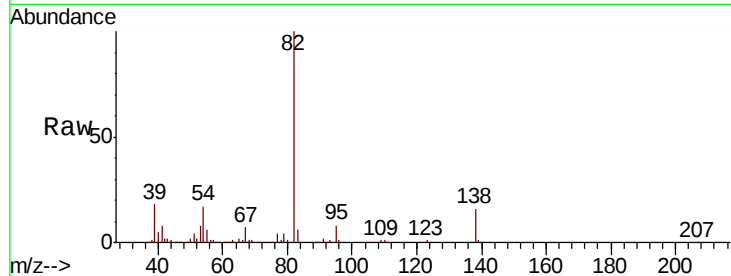
#25
Isophorone
Concen: 43.622 ng
RT: 9.84 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Instrument :
BNA_G
ClientSampleId :
PB120547BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	267604		
95	8.1		7.0	10.4
138	15.7		12.6	19.0

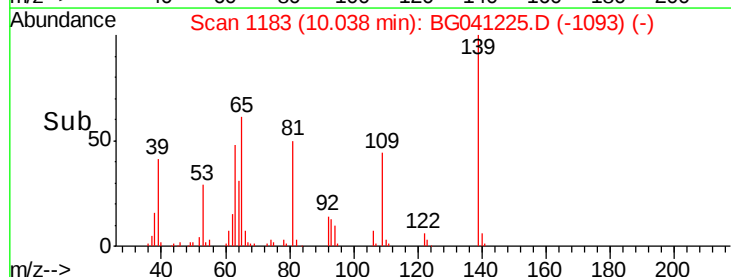
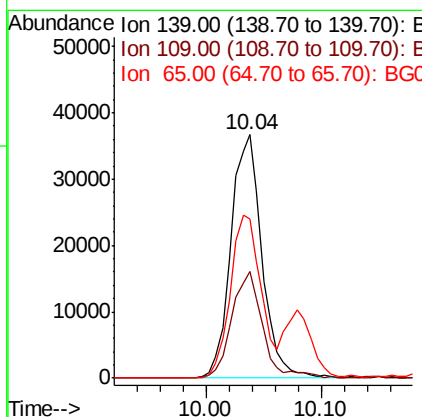
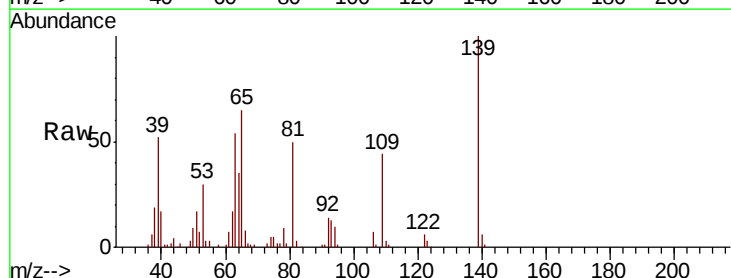
Manual Integrations
APPROVED

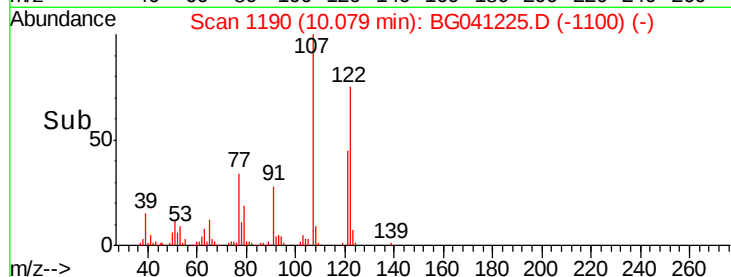
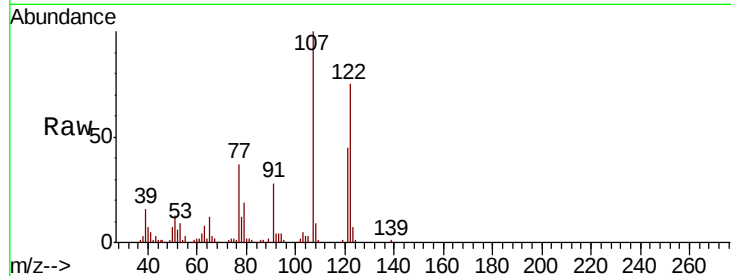
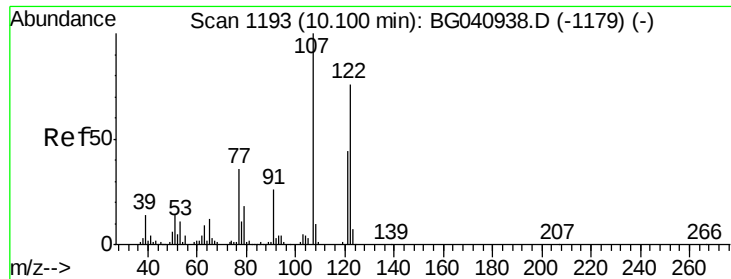
mohammad
6/14/2019 8:48:12 AM



#26
2-Nitrophenol
Concen: 50.272 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	68081		
109	43.9		29.8	44.6
65	65.2		47.8	71.6





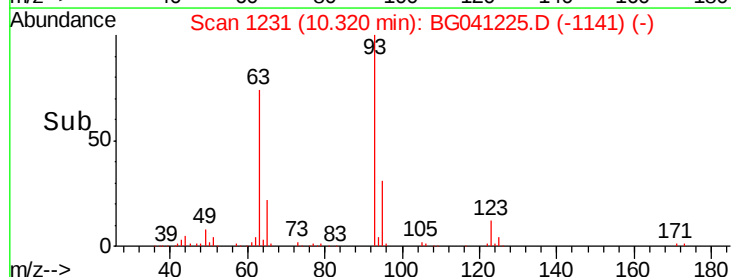
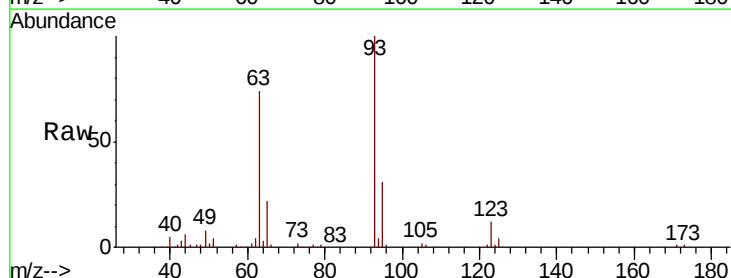
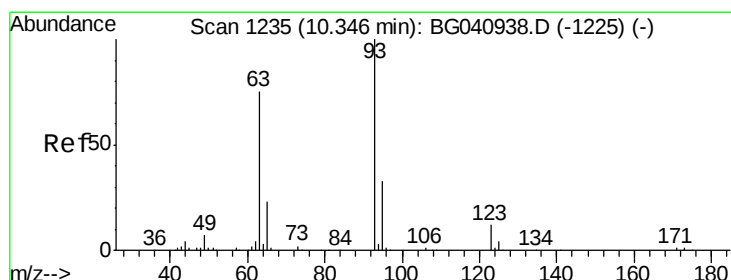
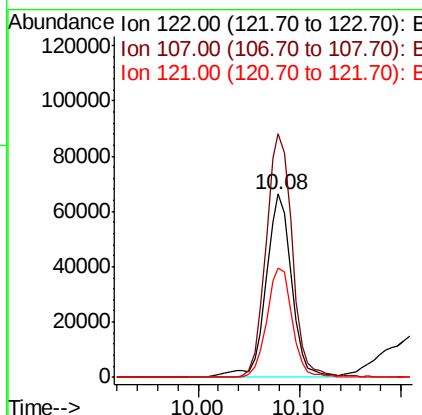
#27
2,4-Dimethylphenol
Concen: 51.969 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Instrument :
BNA_G
ClientSampleId :
PB120547BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	133.1	105.9	158.9
121	59.7	46.2	69.4

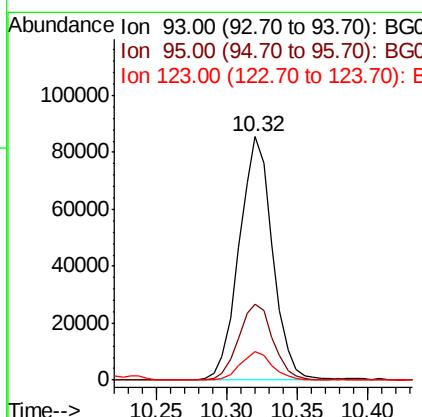
Manual Integrations
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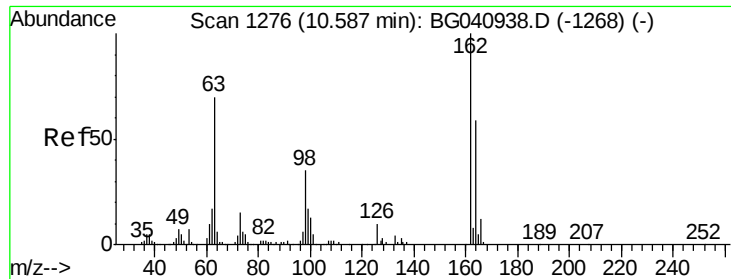
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.689 ng
RT: 10.32 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	26.2	39.2
123	11.6	9.5	14.3





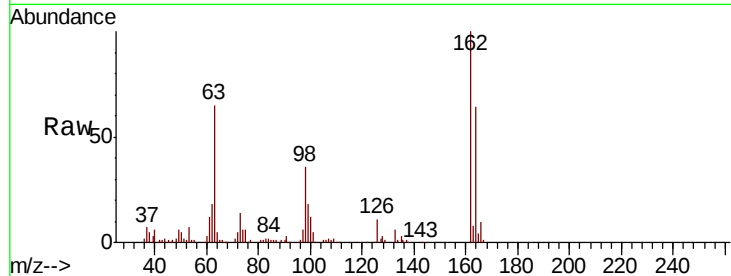
#29
2,4-Dichlorophenol
Concen: 46.924 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Instrument :
BNA_G
ClientSampleId :
PB120547BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	39.4	79.4
98	36.2	15.3	55.3

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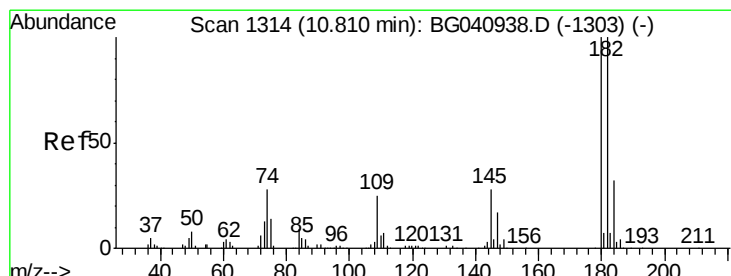
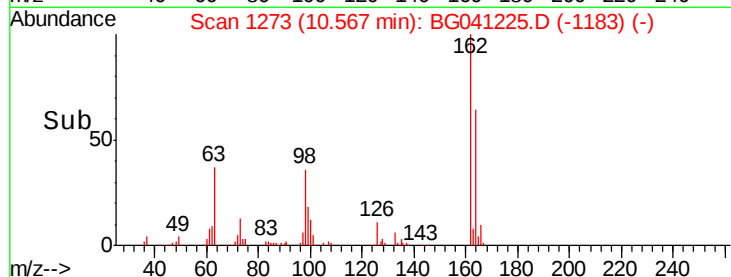
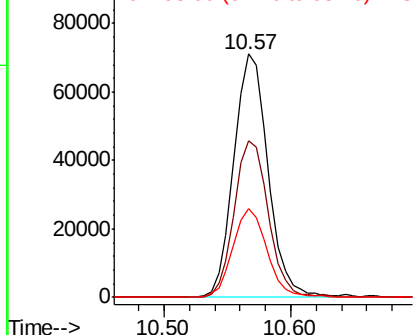


Abundance

Ion 162.00 (161.70 to 162.70): E

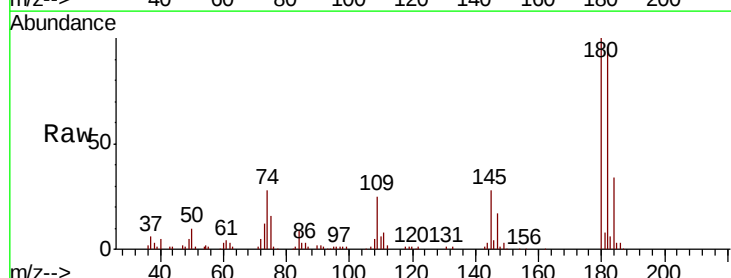
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 45.550 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	79.7	119.5
145	27.7	22.6	34.0

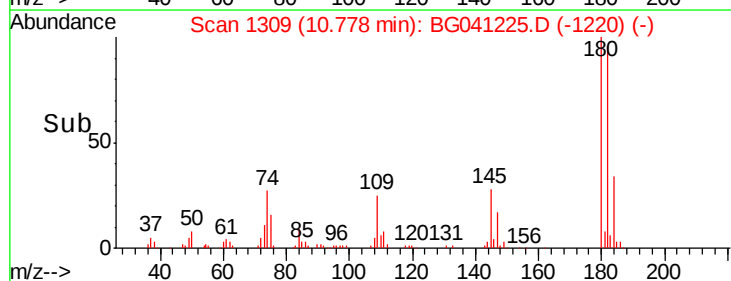
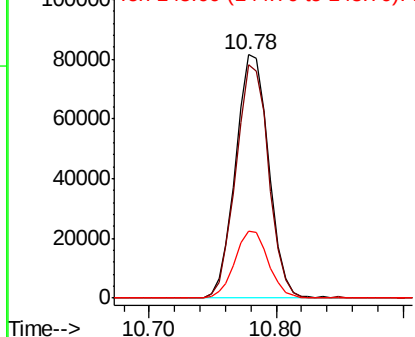


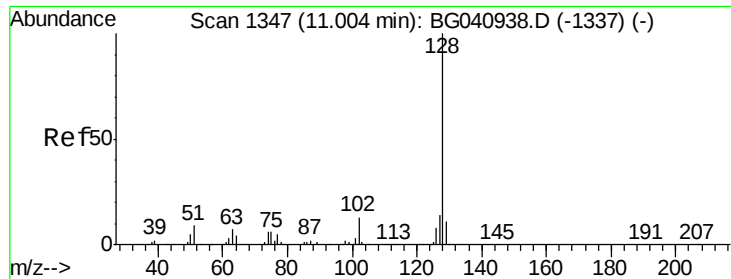
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





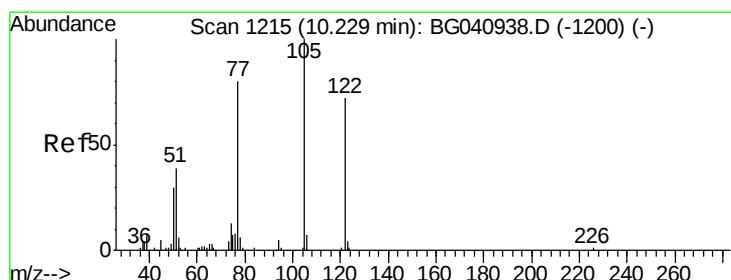
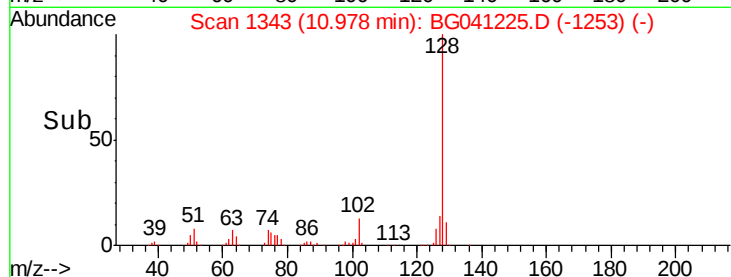
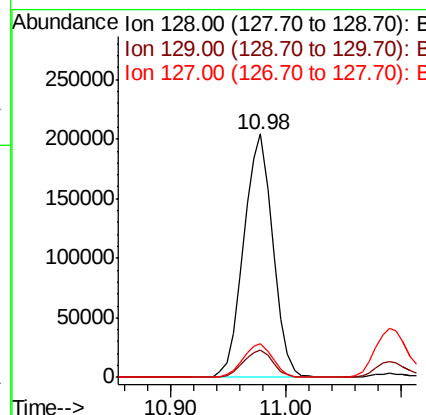
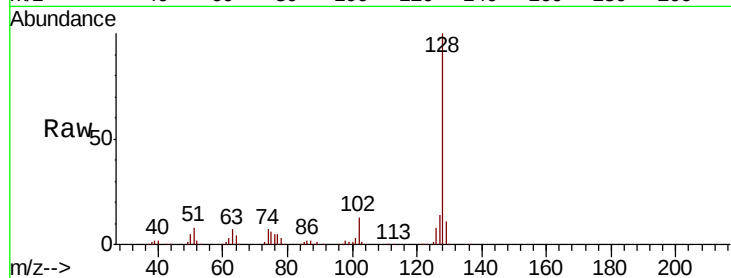
#31
Naphthalene
Concen: 46.394 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Instrument :
BNA_G
ClientSampled :
PB120547BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.5	12.7
127	14.0	11.4	17.2

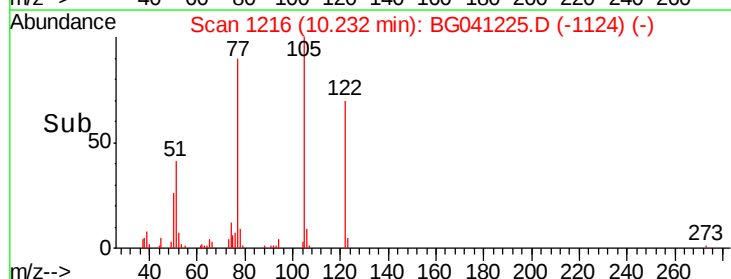
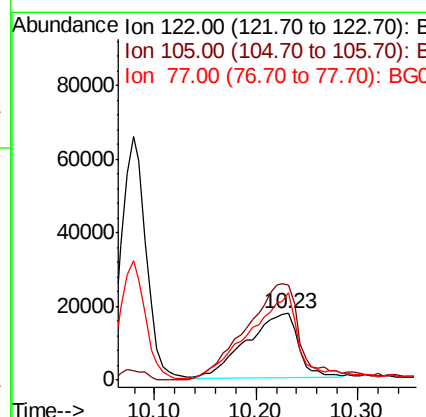
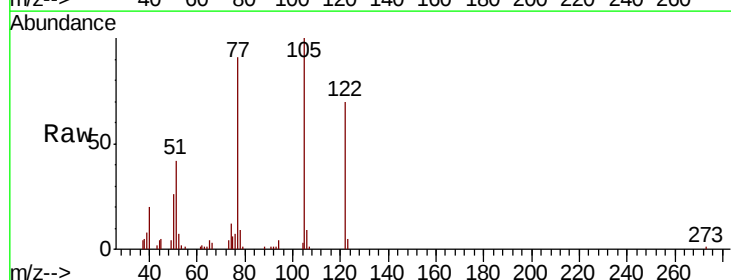
Manual Integrations
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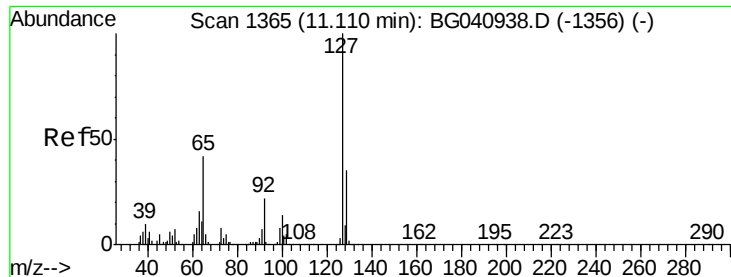
mohammad
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#32
Benzoic acid
Concen: 37.911 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	143.2	114.8	154.8
77	130.8	89.9	129.9





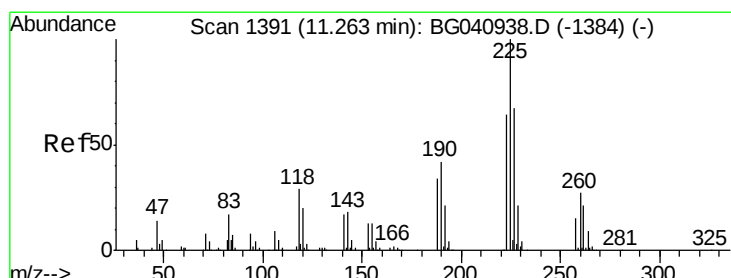
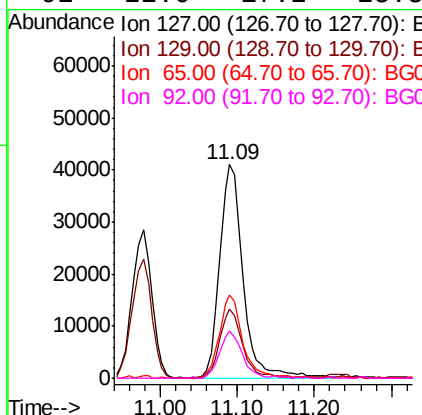
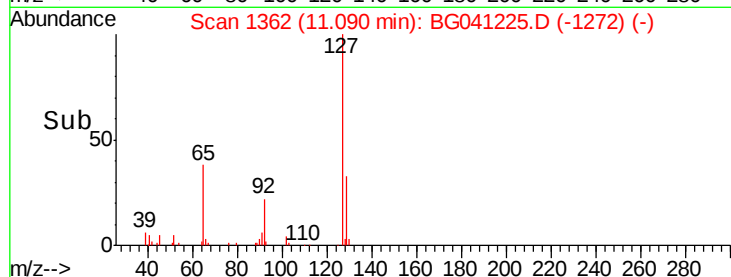
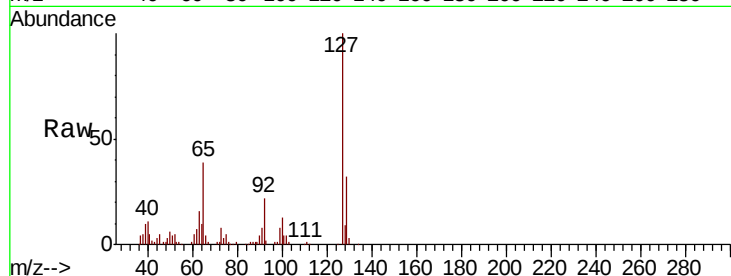
#33
4-Chloroaniline
Concen: 24.385 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Instrument :
BNA_G
ClientSampleId :
PB120547BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	27.7	41.5		
65	38.9	33.2	49.8		
92	22.0	17.2	25.8		

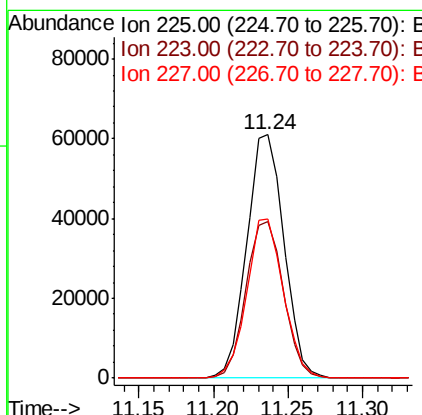
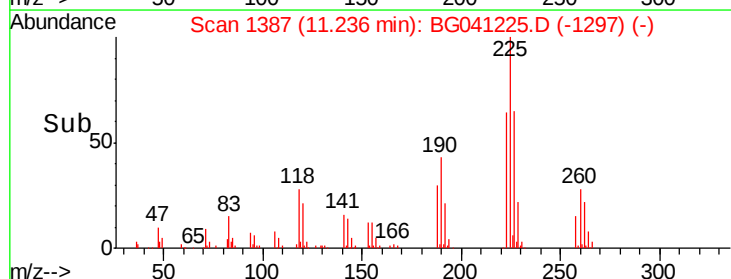
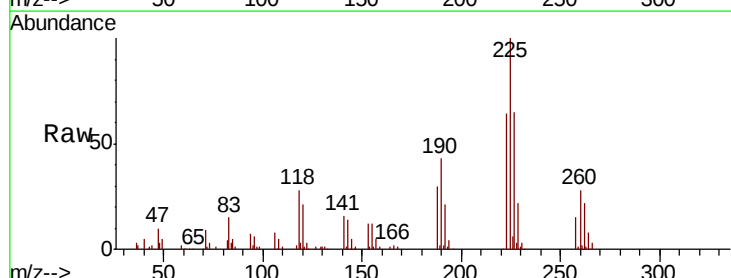
Manual Integrations
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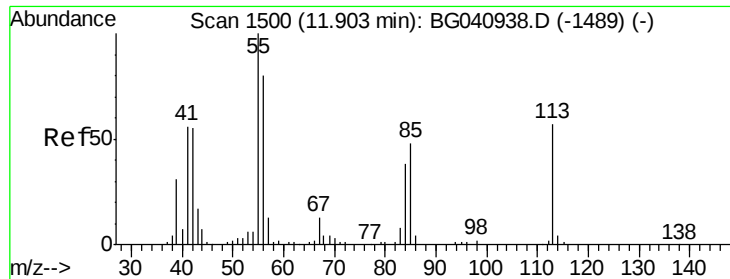
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#34
Hexachlorobutadiene
Concen: 42.423 ng
RT: 11.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.4	48.8	73.2		
227	65.2	51.4	77.0		





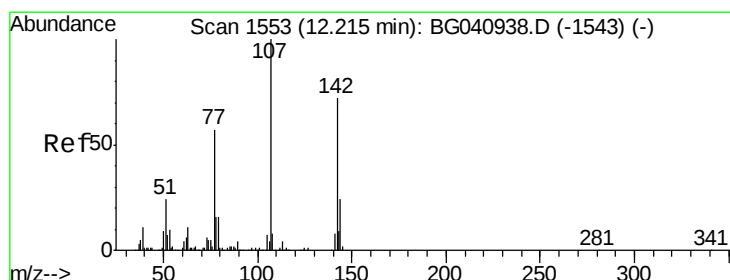
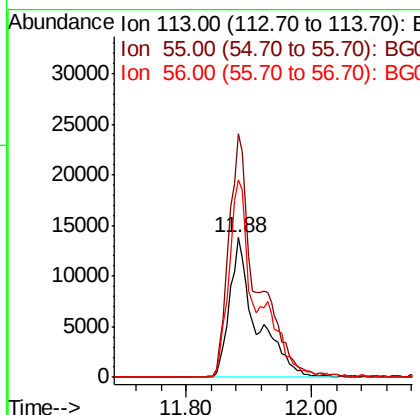
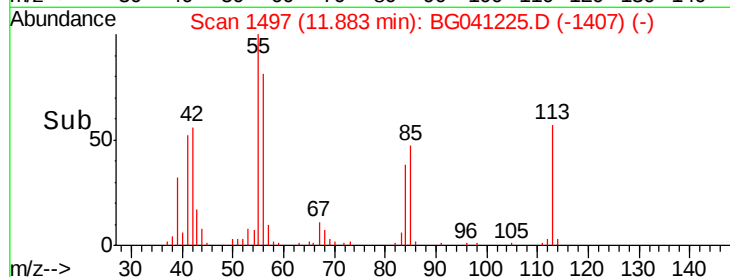
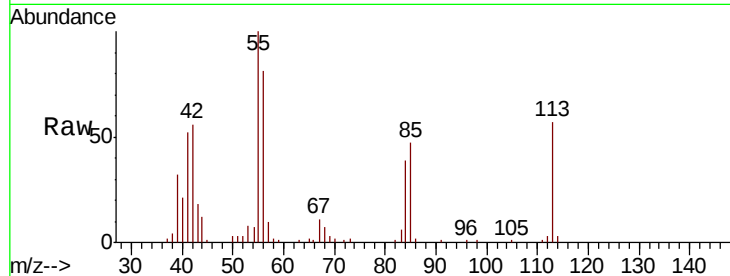
#35
 Caprolactam
 Concen: 43.542 ng/ml
 RT: 11.88 min Scan# 1497
 Delta R.T. -0.00 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Instrument :
 BNA_G
 ClientSampleId :
 PB120547BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	174.2		155.9	195.9	
56	141.7		119.9	159.9	

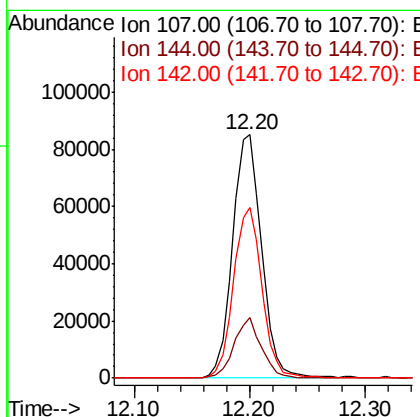
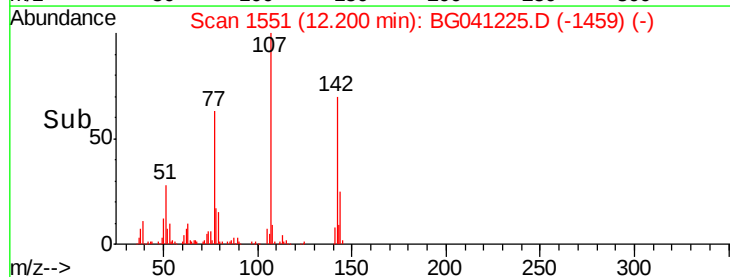
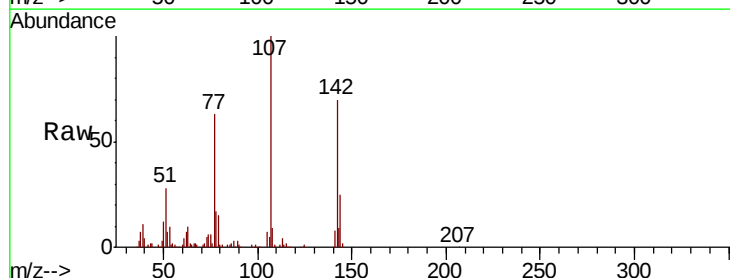
Manual Integrations
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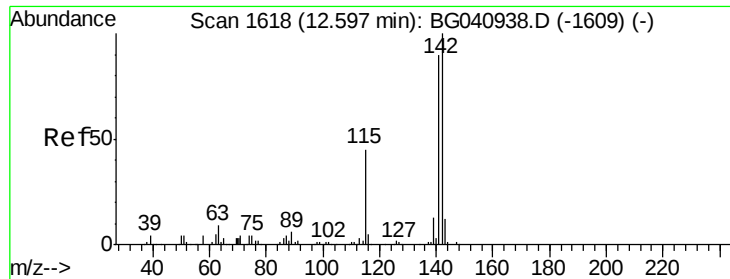
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 45.724 ng/ml
 RT: 12.20 min Scan# 1551
 Delta R.T. 0.01 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.7		19.4	29.0	
142	70.3		57.3	85.9	





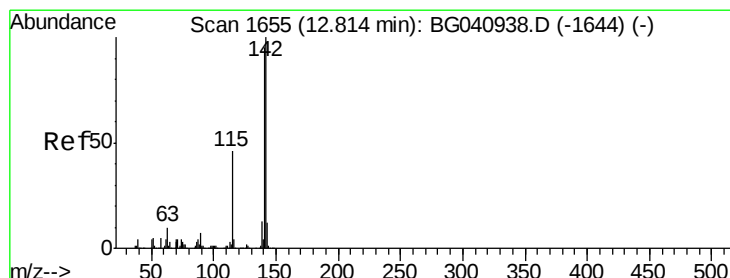
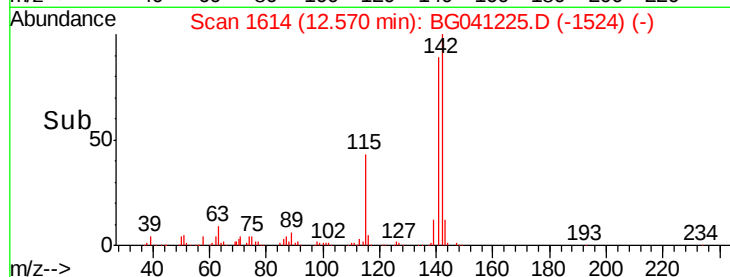
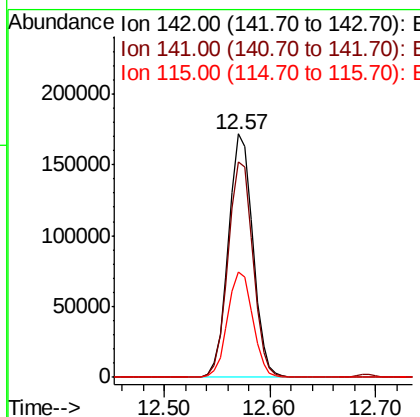
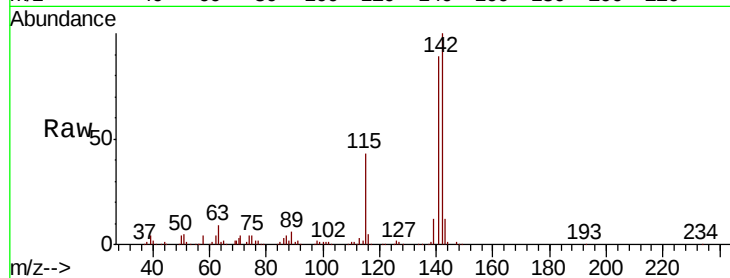
#37
2-Methylnaphthalene
Concen: 46.454 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Instrument :
BNA_G
ClientSampleId :
PB120547BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.2	108.4
115	43.4	36.2	54.4

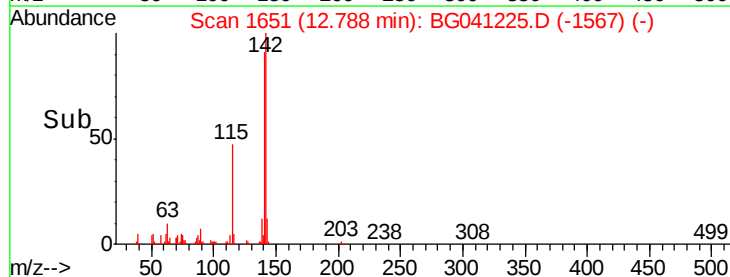
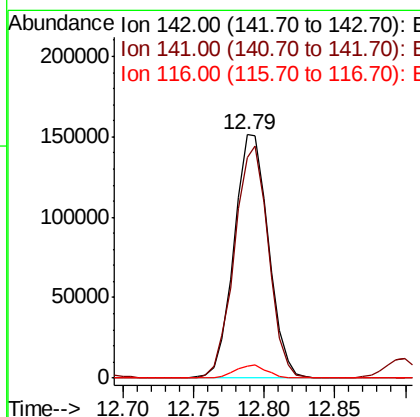
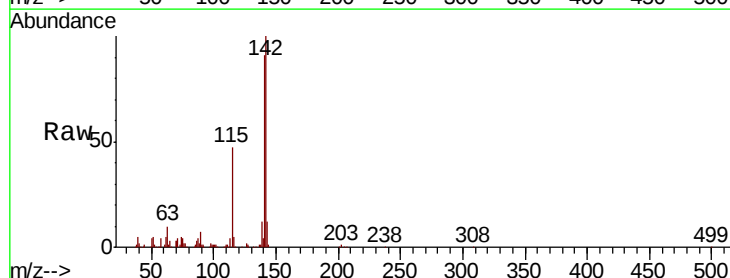
Manual Integrations
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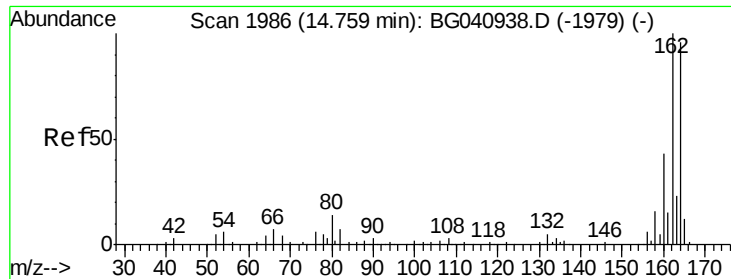
mohammad
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#38
1-Methylnaphthalene
Concen: 46.295 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	75.7	113.5
116	5.0	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

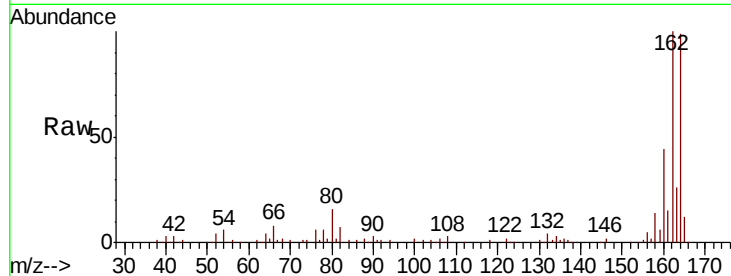
ClientSampleId :

PB120547BS

Tot Ion:	164	Resp:	104722
Ion Ratio	Lower	Upper	
164	100		
162	100.7	83.0	124.4
160	44.2	35.6	53.4

Manual Integrations
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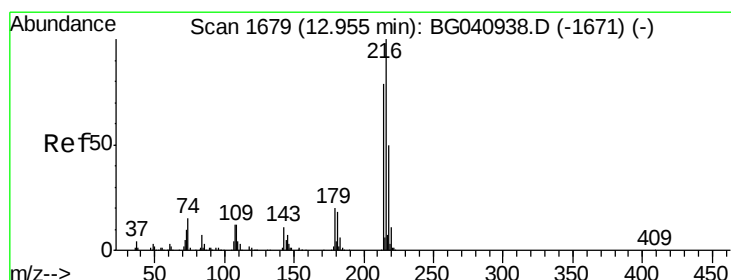
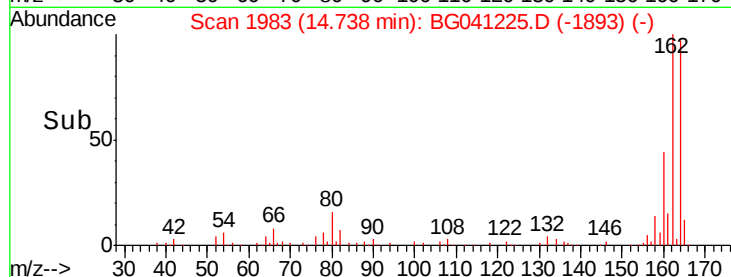
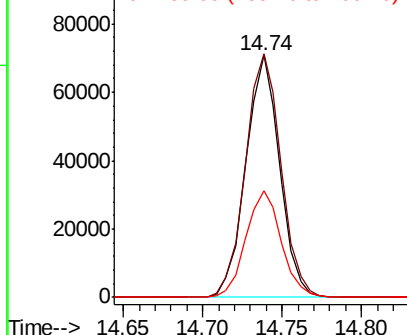


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.433 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Tgt Ion:	216	Resp:	204428
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.4	95.2
179	19.0	15.2	22.8
108	16.1	11.4	17.2

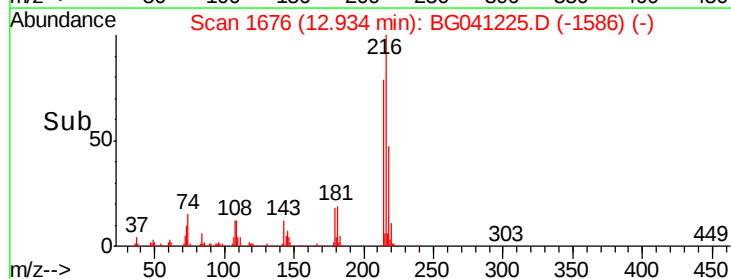
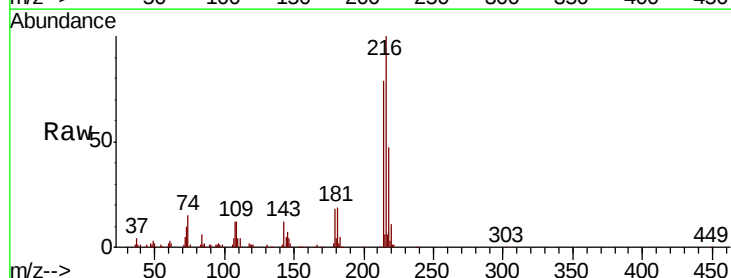
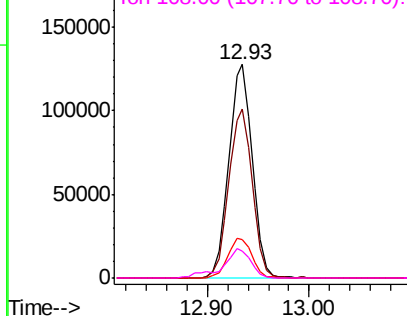
Abundance

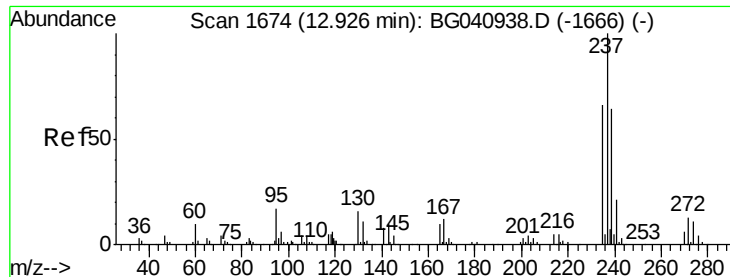
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 90.080 ng

RT: 12.90 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

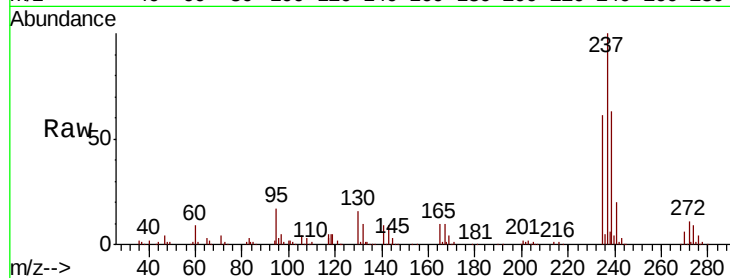
ClientSampleId :

PB120547BS

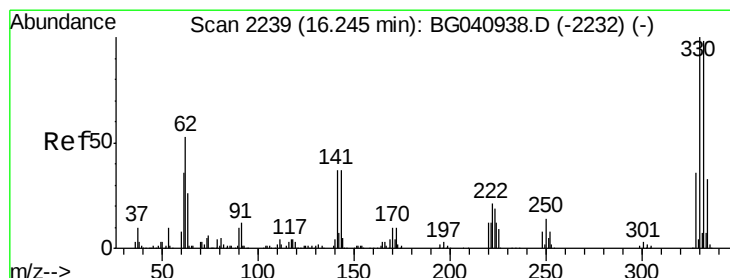
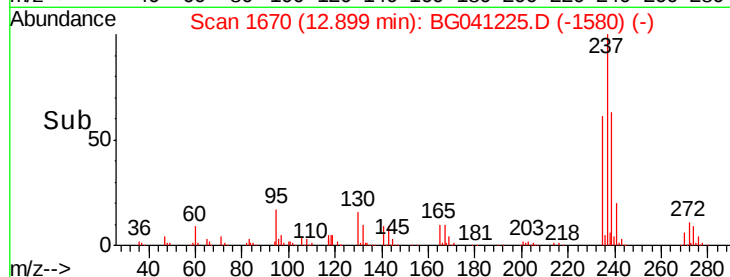
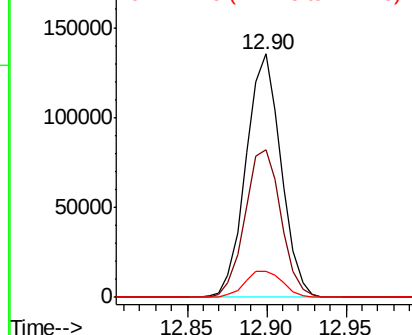
Tot Ion:	237	Resp:	207008
Ion Ratio	Lower	Upper	
237	100		
235	60.9	45.5	85.5
272	10.9	0.0	32.9

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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: 135.469 ng

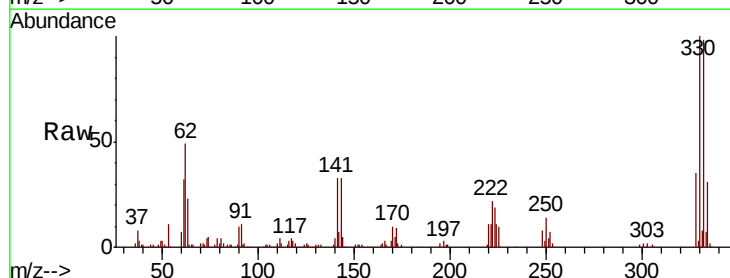
RT: 16.23 min Scan# 2237

Delta R.T. 0.01 min

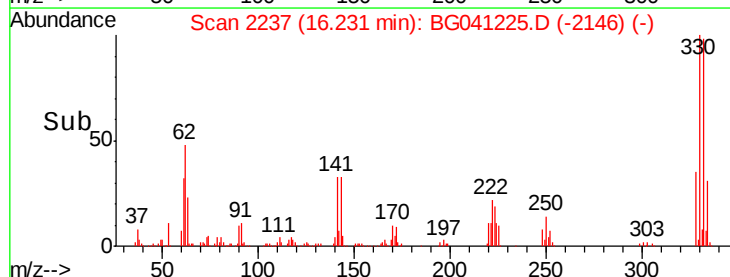
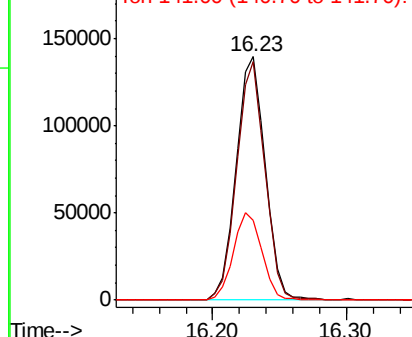
Lab File: BG041225.D

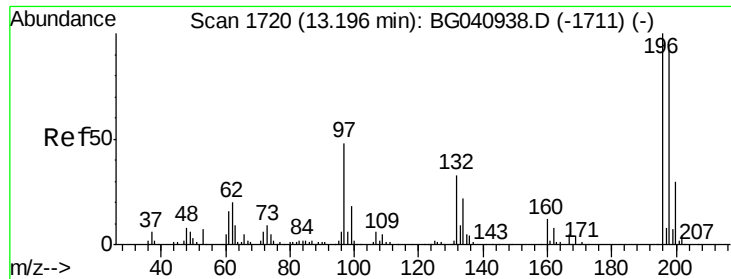
Acq: 13 Jun 2019 10:51

Tgt Ion:	330	Resp:	210609
Ion Ratio	Lower	Upper	
330	100		
332	95.5	78.5	117.7
141	35.7	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





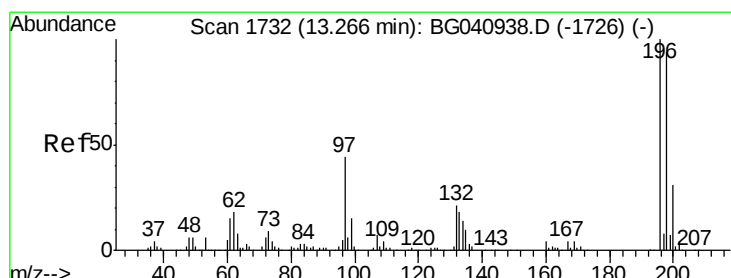
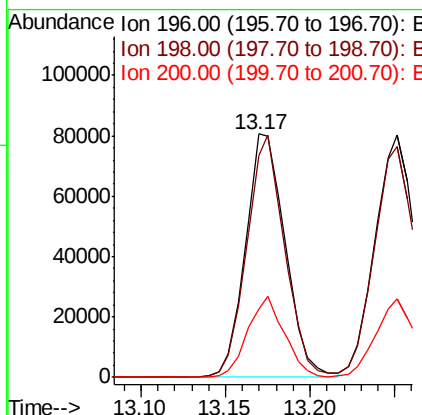
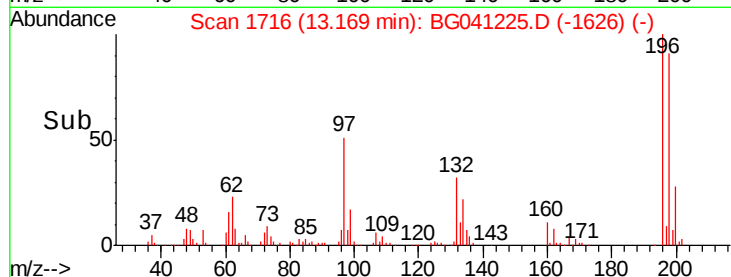
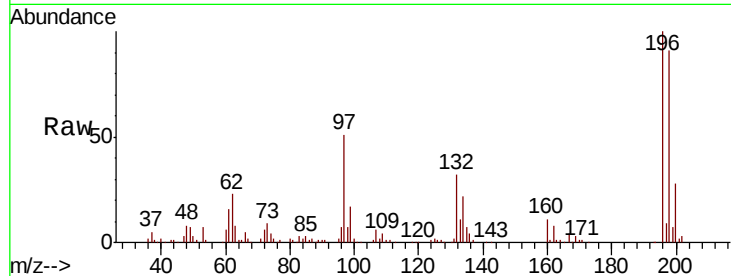
#43
 2,4,6-Trichlorophenol
 Concen: 48.297 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Instrument :
 BNA_G
 ClientSampled :
 PB120547BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	131876		
198	91.2	73.8	110.6	
200	28.0	24.1	36.1	

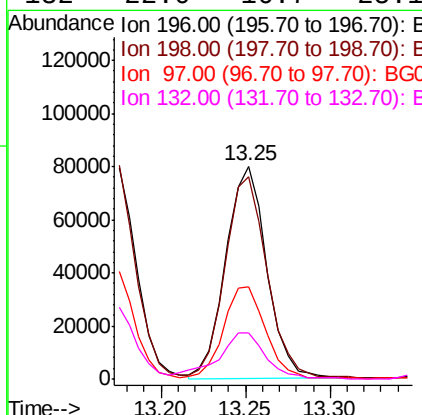
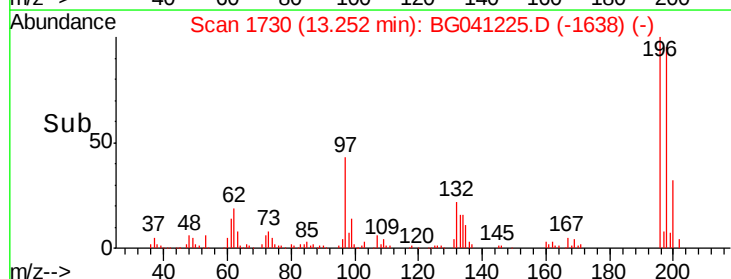
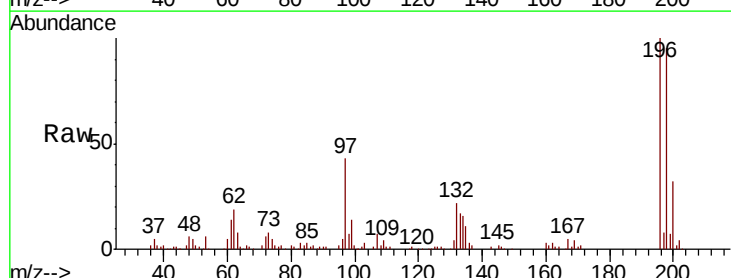
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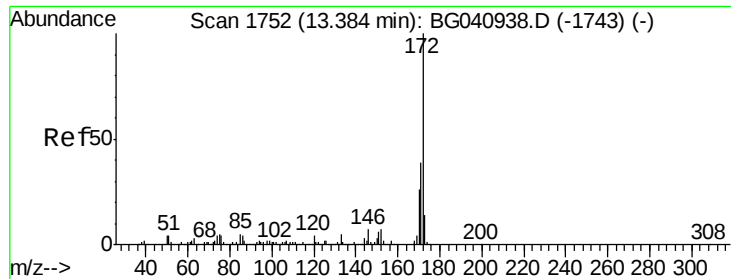
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 46.618 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. 0.01 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	134248		
198	95.4	75.1	112.7	
97	43.3	35.6	53.4	
132	22.0	16.7	25.1	





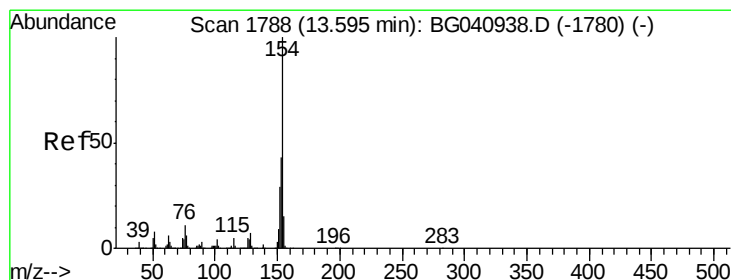
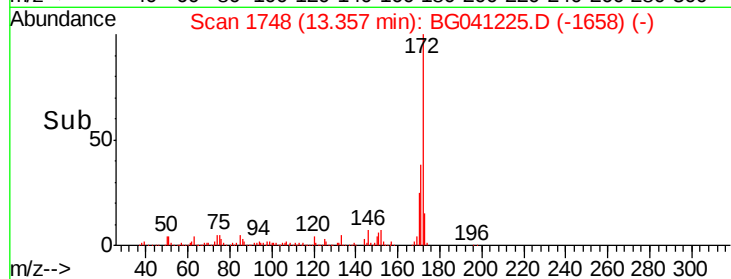
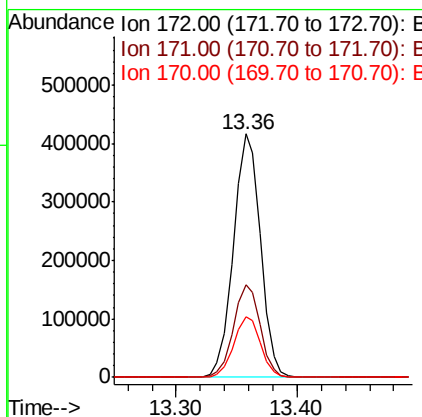
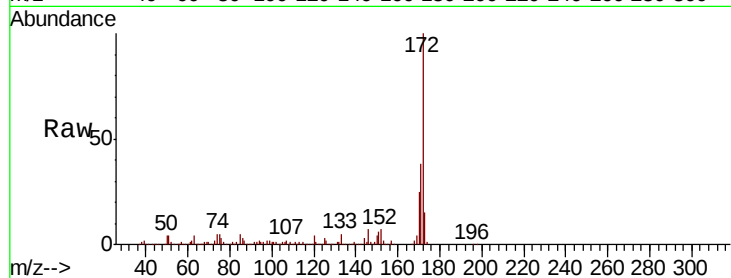
#45
2-Fluorobiphenyl
Concen: 89.080 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Instrument :
BNA_G
ClientSampleId :
PB120547BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.1	46.7
170	25.1	20.5	30.7

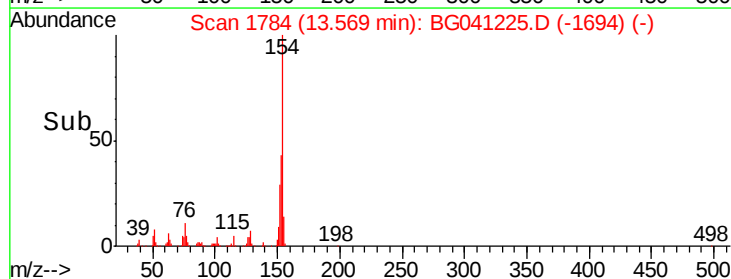
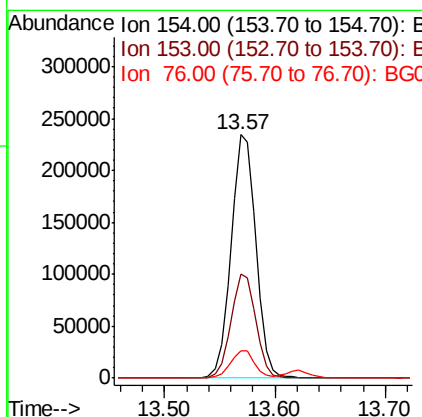
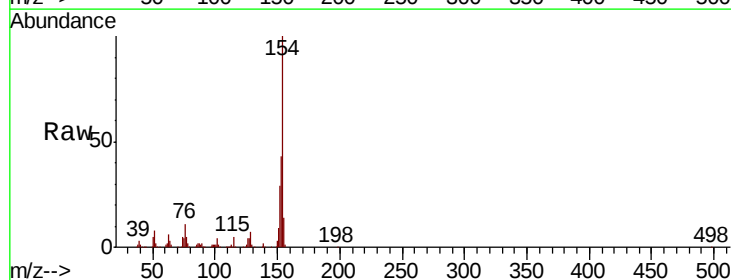
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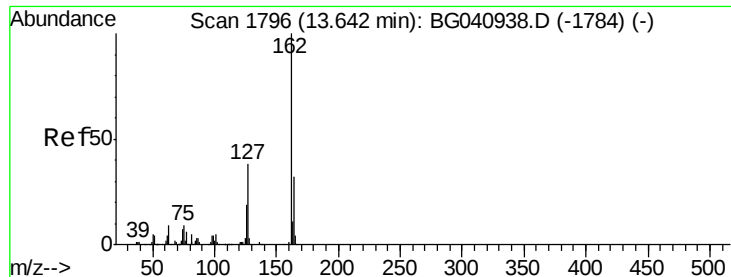
mohammad
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#46
1,1'-Biphenyl
Concen: 47.627 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	23.3	63.3
76	11.4	0.0	31.1





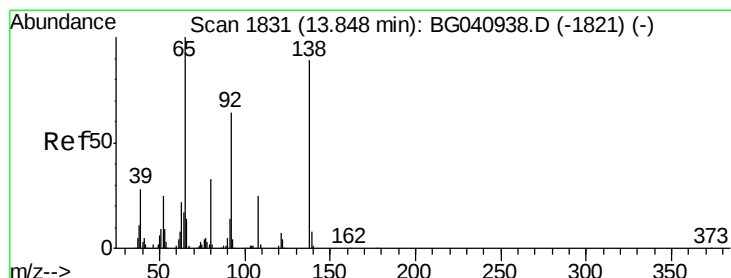
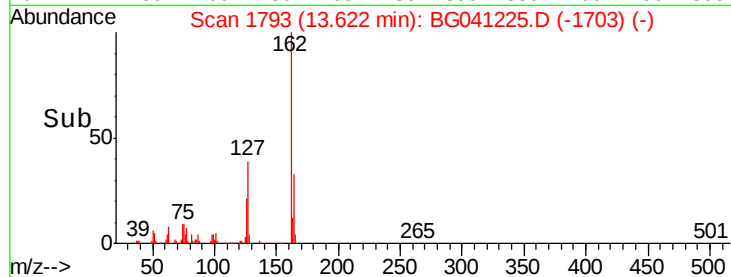
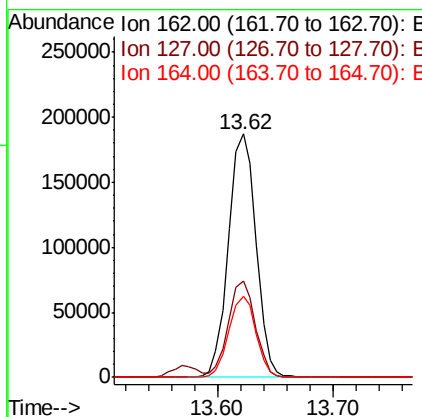
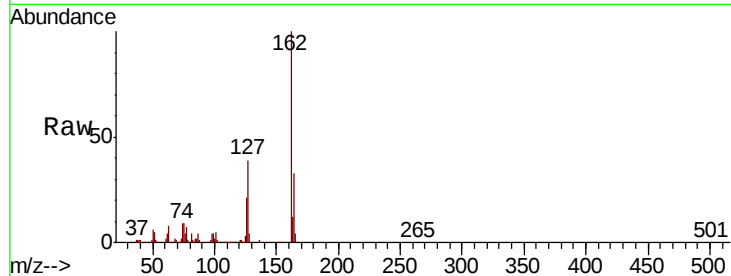
#47
 2-Chloronaphthalene
 Concen: 46.659 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Instrument :
 BNA_G
 ClientSampleId :
 PB120547BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		310501		
127	39.5	30.5	45.7		
164	33.3	25.8	38.6		

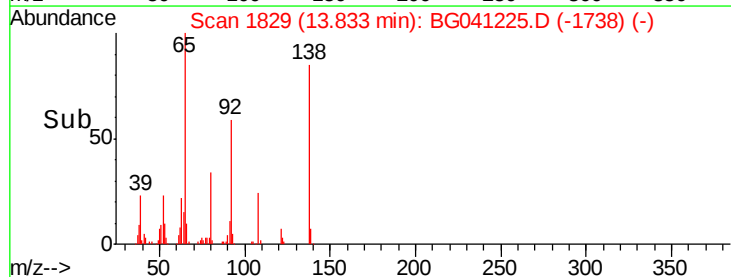
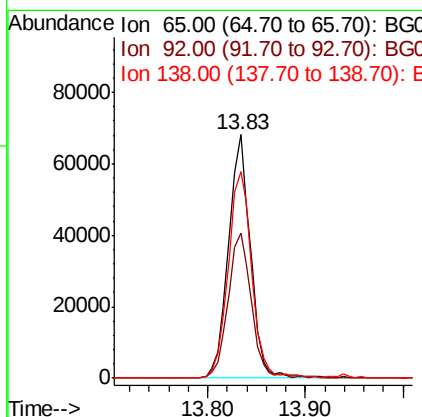
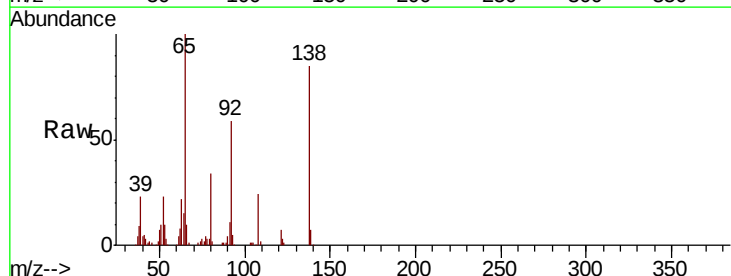
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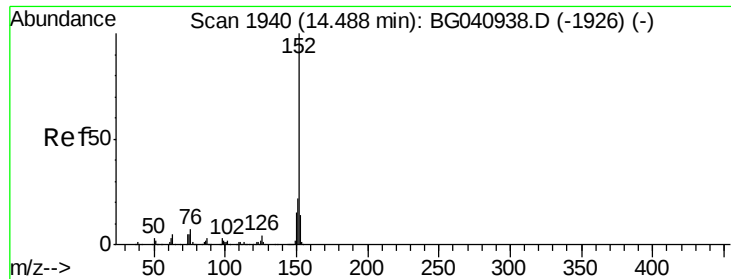
mohammad
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#48
 2-Nitroaniline
 Concen: 44.820 ng
 RT: 13.83 min Scan# 1829
 Delta R.T. 0.01 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		107001		
92	59.5	51.0	76.6		
138	85.0	71.2	106.8		





#49

Acenaphthylene

Concen: 47.191 ng

RT: 14.47 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

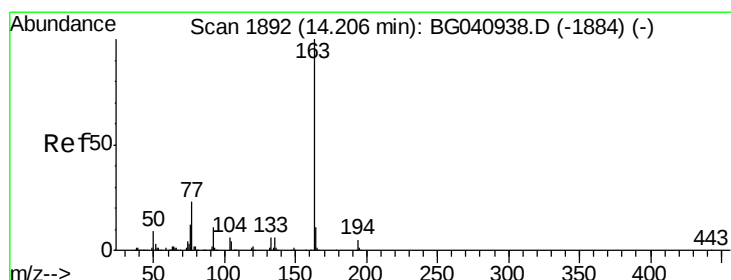
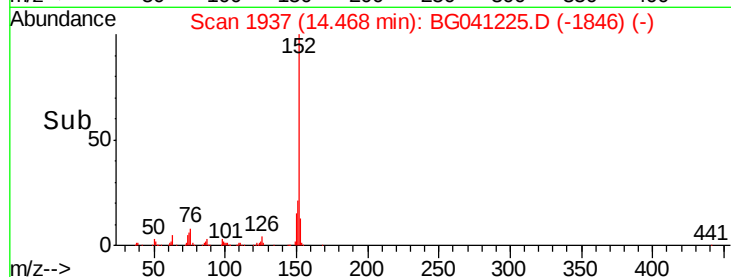
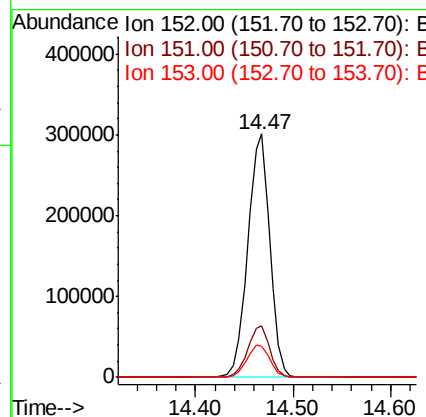
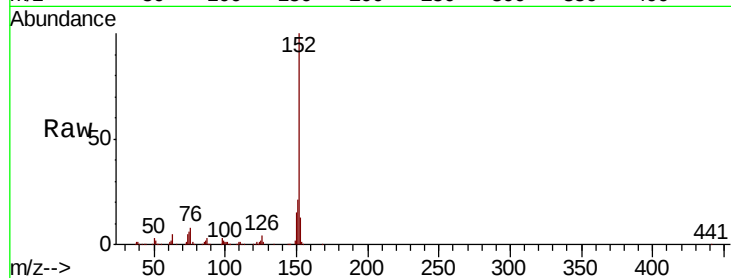
ClientSampleId :

PB120547BS

Tot Ion:	152	Resp:	472653
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.4	26.0
153	13.0	11.0	16.4

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#50

Dimethylphthalate

Concen: 44.641 ng

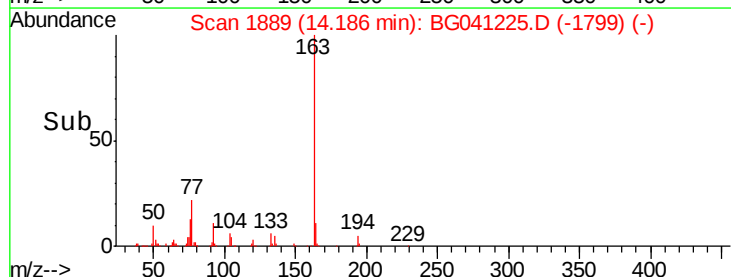
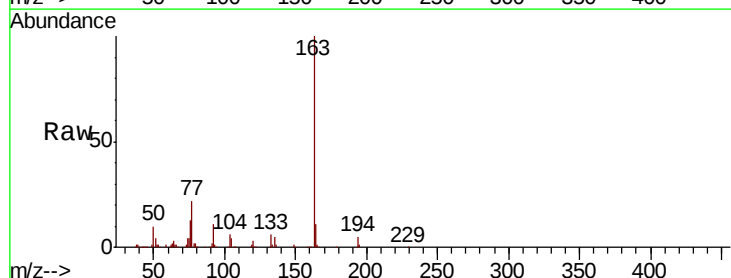
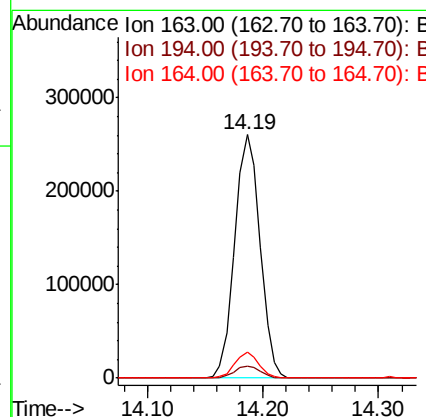
RT: 14.19 min Scan# 1889

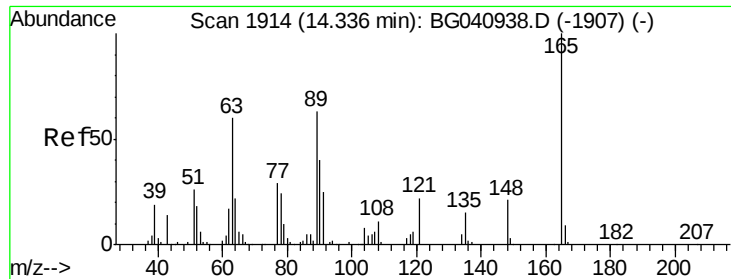
Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Tgt Ion:	163	Resp:	395729
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.8	5.8
164	10.8	8.7	13.1





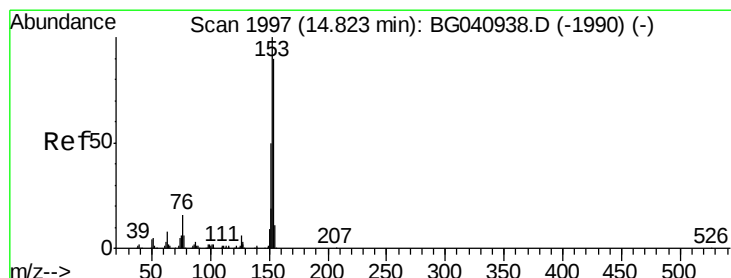
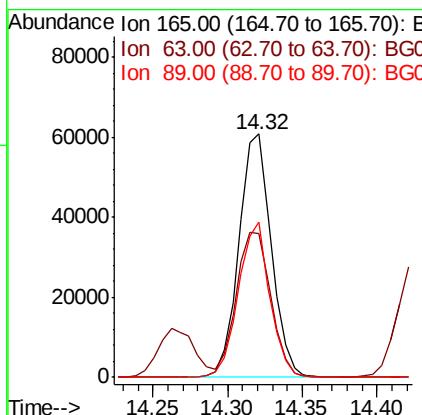
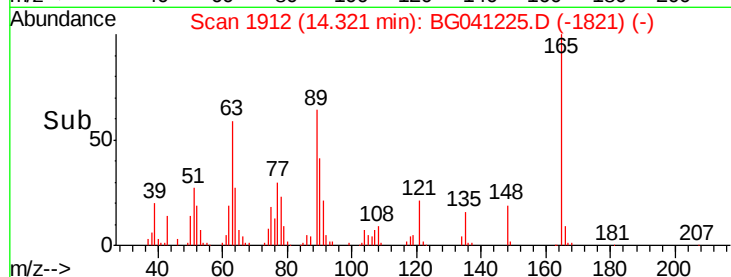
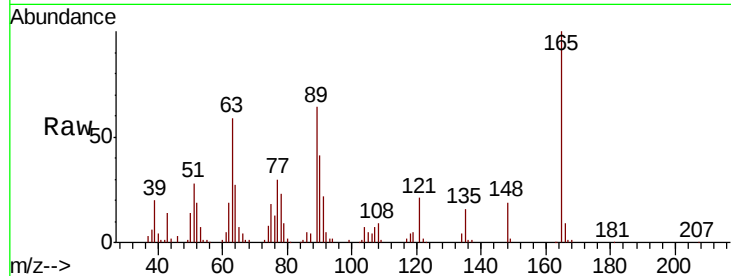
#51
 2,6-Dinitrotoluene
 Concen: 47.786 ng
 RT: 14.32 min Scan# 1912
 Delta R.T. 0.01 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Instrument :
 BNA_G
 ClientSampleId :
 PB120547BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.9	53.6	80.4
89	63.7	50.4	75.6

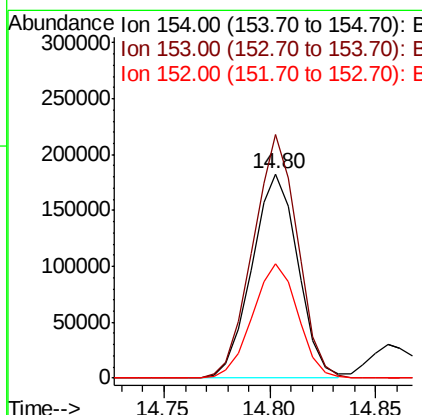
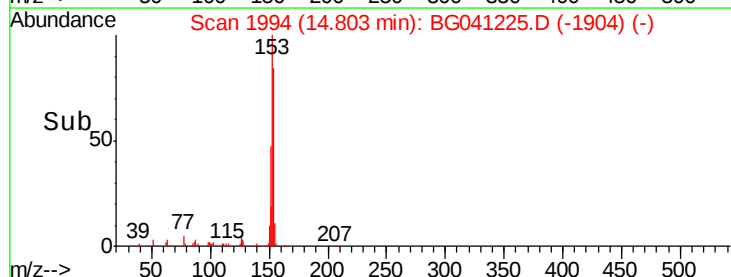
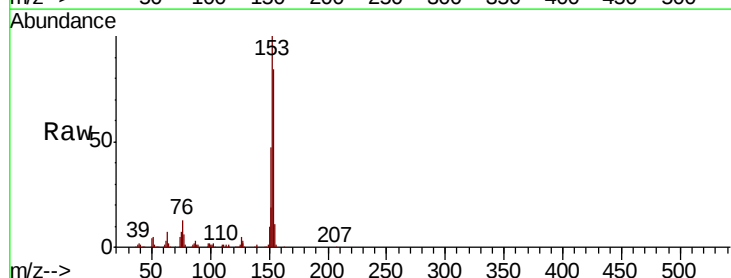
Manual Integrations
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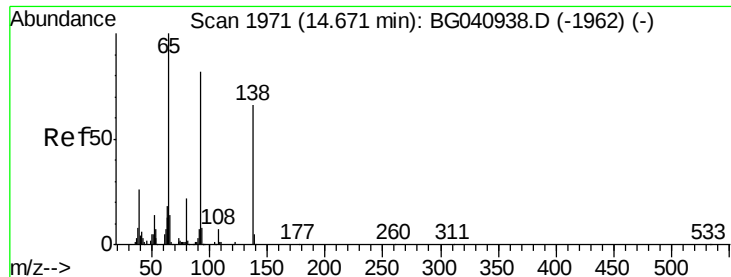
mohammad
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#52
 Acenaphthene
 Concen: 45.674 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	119.1	88.6	133.0
152	56.1	44.2	66.4





#53

3-Nitroaniline

Concen: 34.814 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

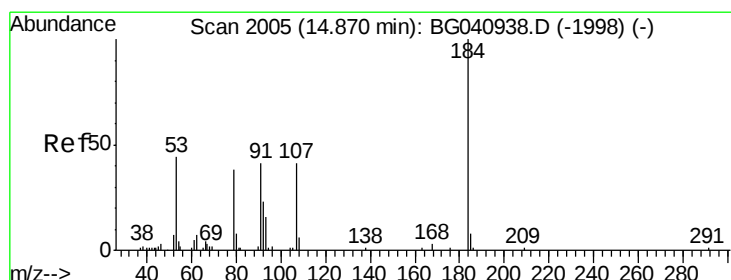
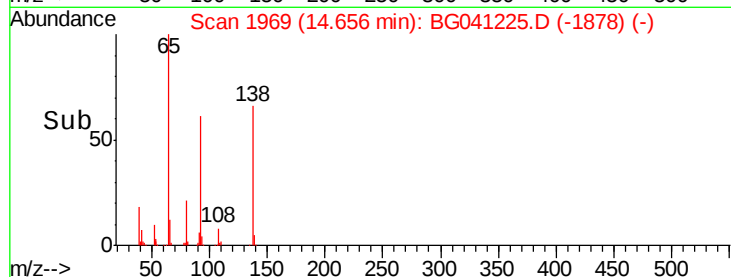
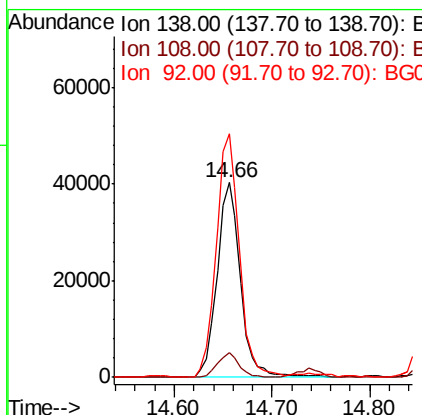
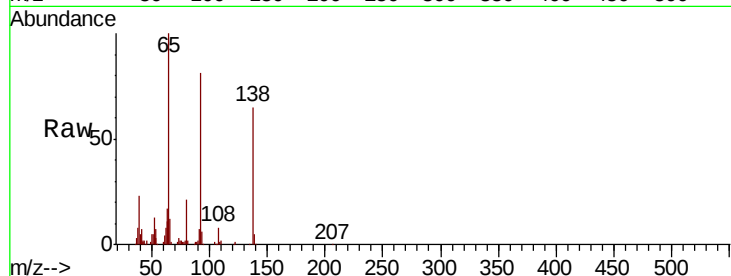
ClientSampleId :

PB120547BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.8	8.5	12.7#
92	125.0	99.0	148.6

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#54

2,4-Dinitrophenol

Concen: 84.882 ng

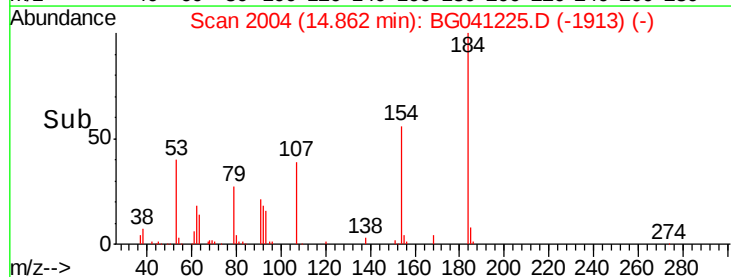
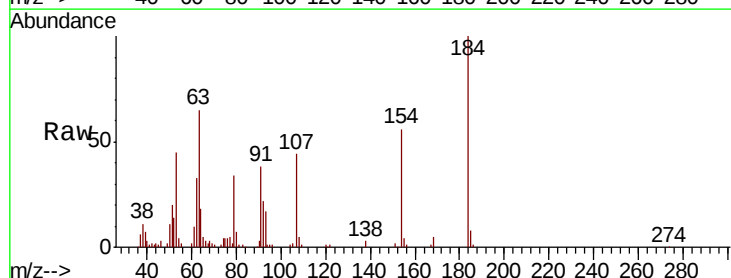
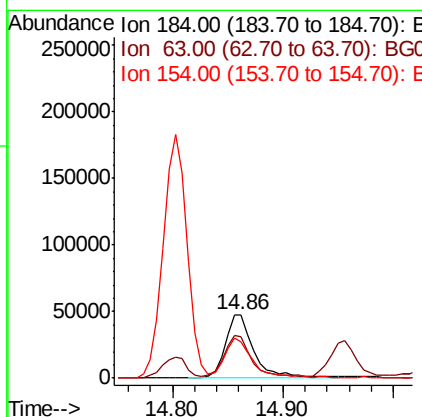
RT: 14.86 min Scan# 2004

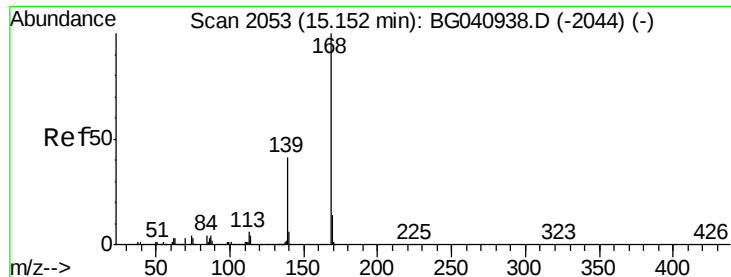
Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.0	49.8	74.6
154	56.3	52.2	78.4





#55

Dibenzofuran

Concen: 47.154 ng

RT: 15.13 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

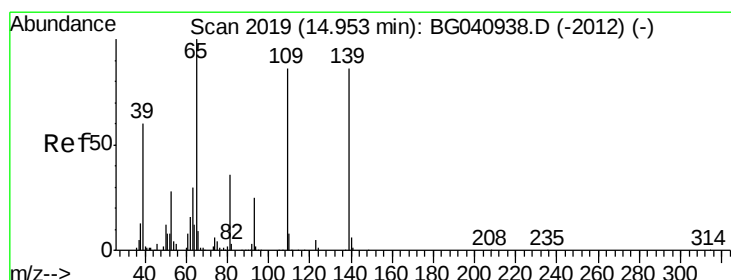
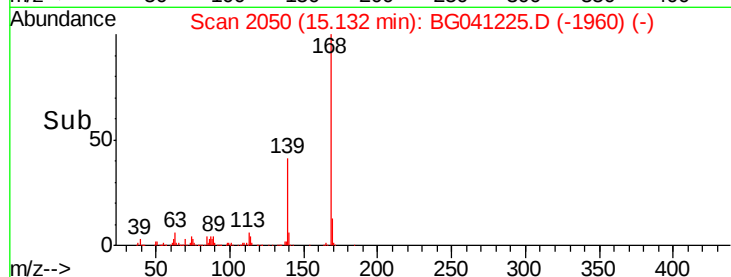
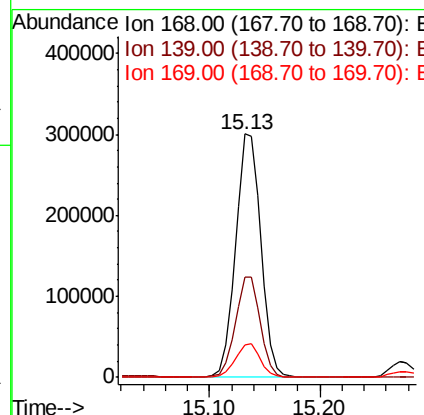
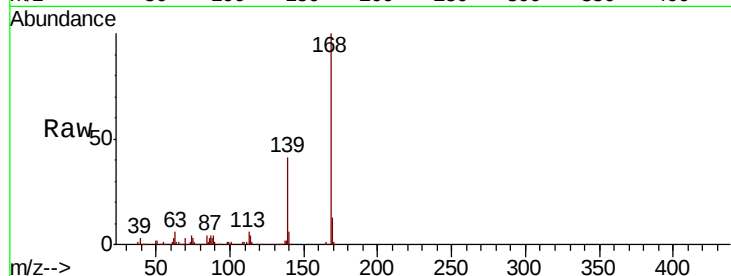
ClientSampleId :

PB120547BS

Tot Ion:	168	Resp:	481419
Ion Ratio	Lower	Upper	
168	100		
139	41.3	32.8	49.2
169	13.5	11.3	16.9

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#56

4-Nitrophenol

Concen: 93.579 ng

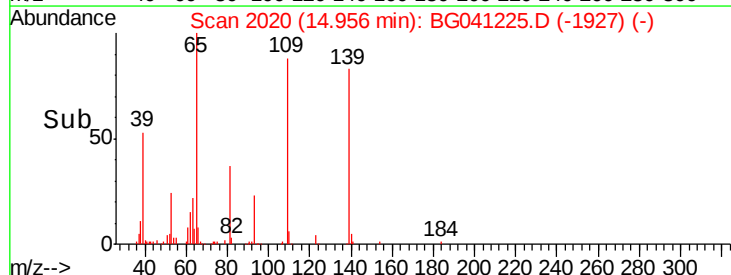
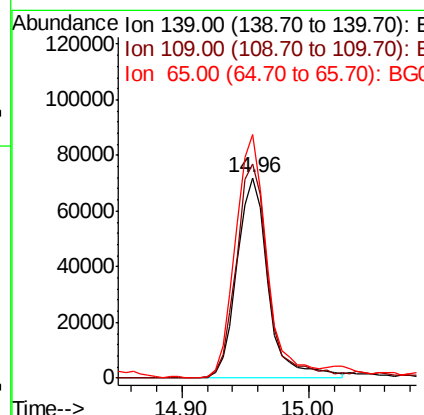
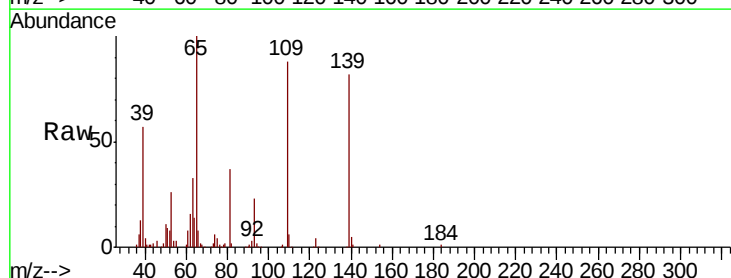
RT: 14.96 min Scan# 2020

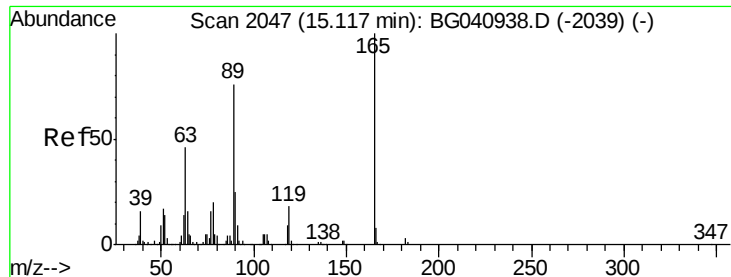
Delta R.T. 0.02 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Tgt Ion:	139	Resp:	122677
Ion Ratio	Lower	Upper	
139	100		
109	106.8	79.6	119.6
65	121.4	96.9	136.9





#57

2,4-Dinitrotoluene

Concen: 47.265 ng

RT: 15.10 min Scan# 2045

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

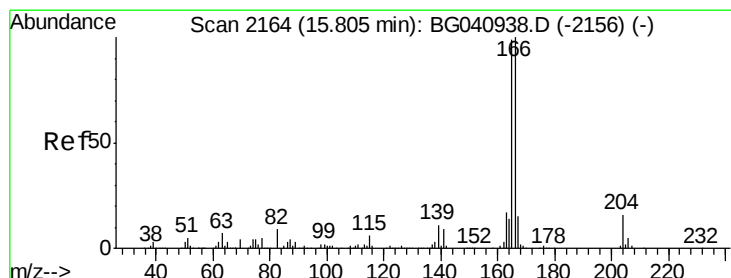
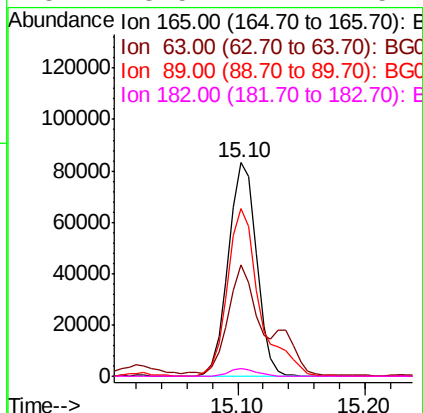
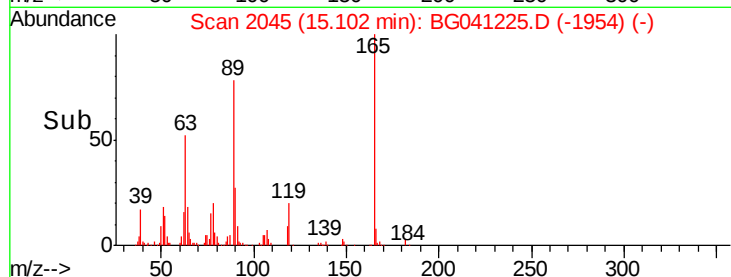
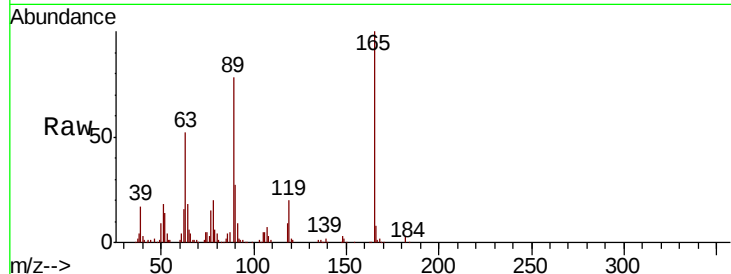
ClientSampleId :

PB120547BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		127611		
63	52.2	37.3	55.9		
89	78.2	61.0	91.6		
182	3.5	2.2	3.2#		

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#58

Fluorene

Concen: 45.891 ng

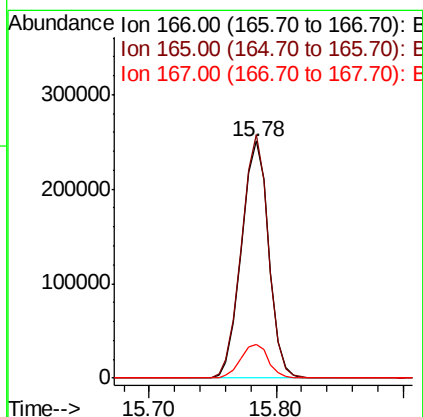
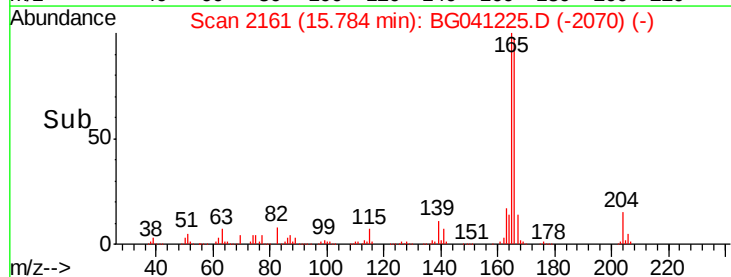
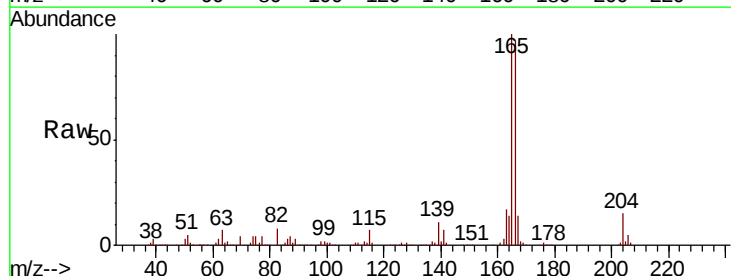
RT: 15.78 min Scan# 2161

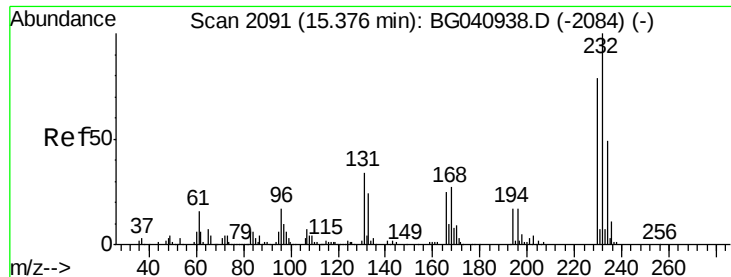
Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		373124		
165	102.8	79.2	118.8		
167	14.2	11.8	17.6		





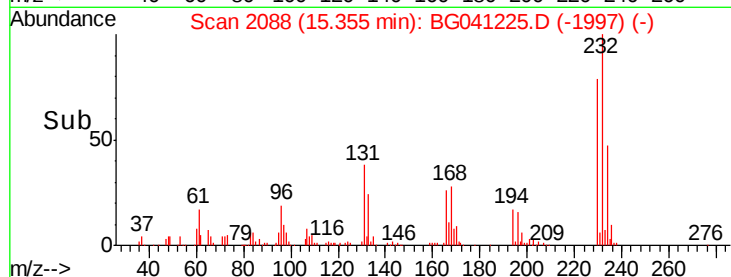
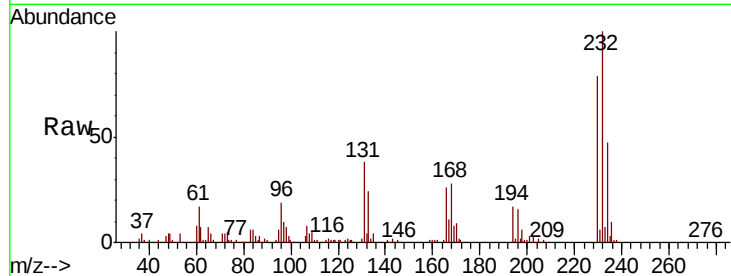
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.151 ng
RT: 15.36 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Instrument :
BNA_G
ClientSampleId :
PB120547BS

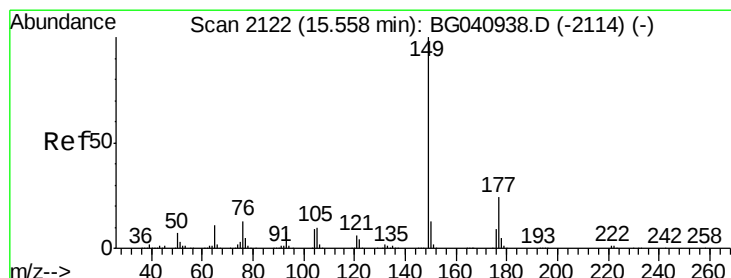
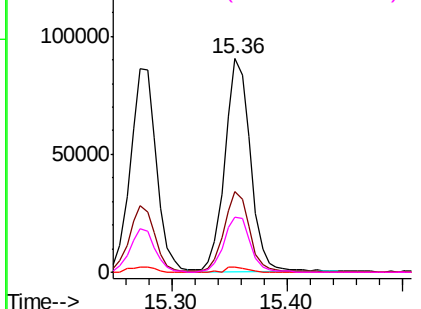
Tot Ion	Ratio	Resp	Lower	Upper
232	100	139100		
131	37.1		30.3	45.5
130	2.0		1.8	2.8
166	26.8		21.3	31.9

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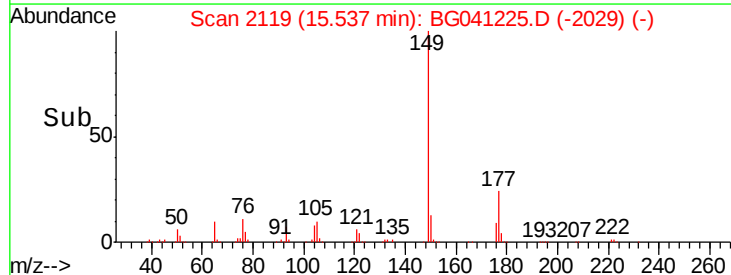
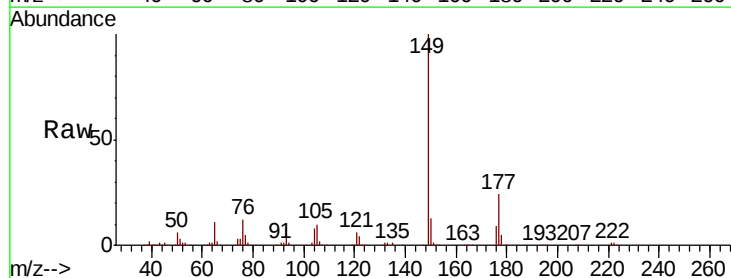


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

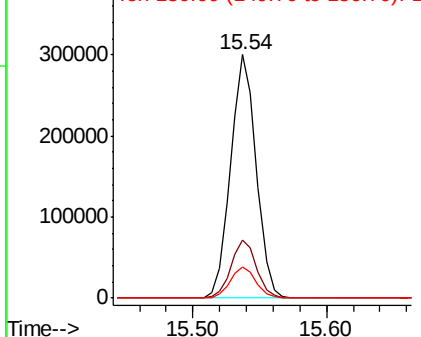


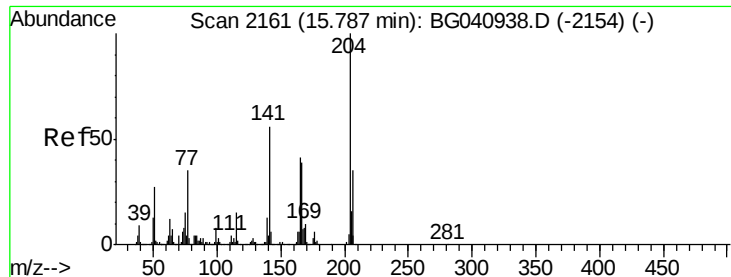
#60
Diethylphthalate
Concen: 44.406 ng
RT: 15.54 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	401729		
177	23.7		19.4	29.0
150	13.0		10.3	15.5



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





#61

4-Chlorophenyl-phenylether

Concen: 46.270 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

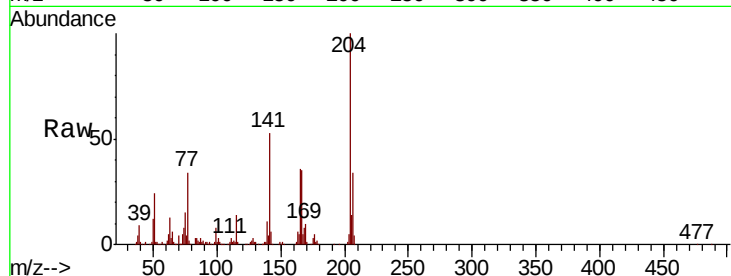
ClientSampleId :

PB120547BS

Tot Ion:	204	Resp:	244530
Ion Ratio	Lower	Upper	
204	100		
206	34.3	27.6	41.4
141	52.6	45.1	67.7

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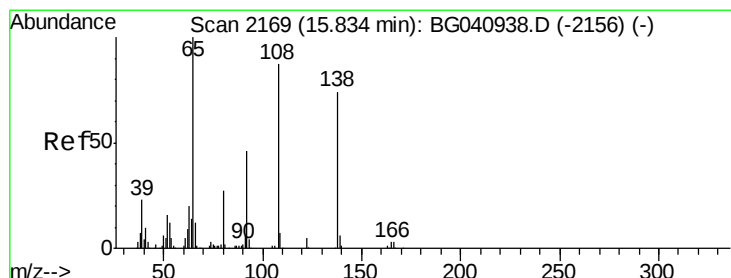
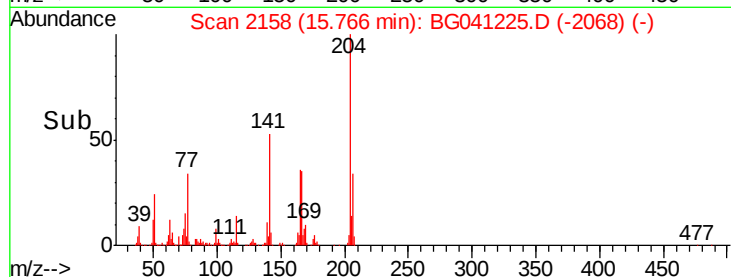
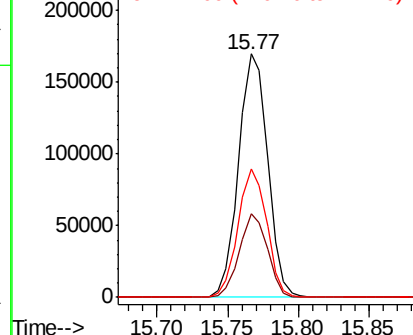


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 42.302 ng

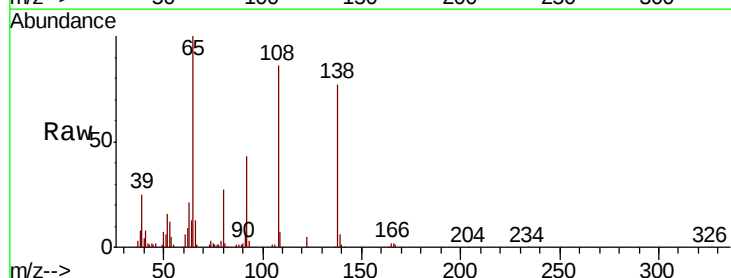
RT: 15.82 min Scan# 2167

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Tgt Ion:	138	Resp:	85594
Ion Ratio	Lower	Upper	
138	100		
92	55.6	42.4	82.4
108	112.0	96.9	136.9

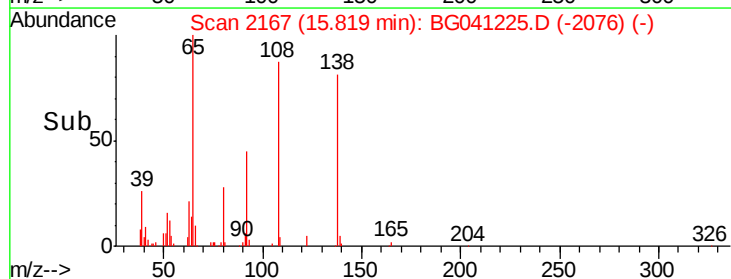
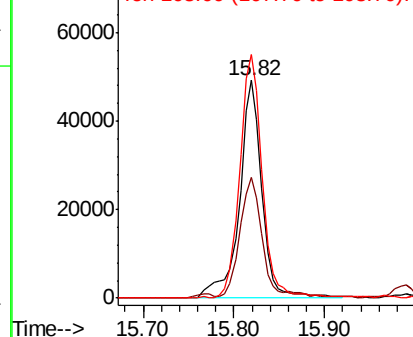


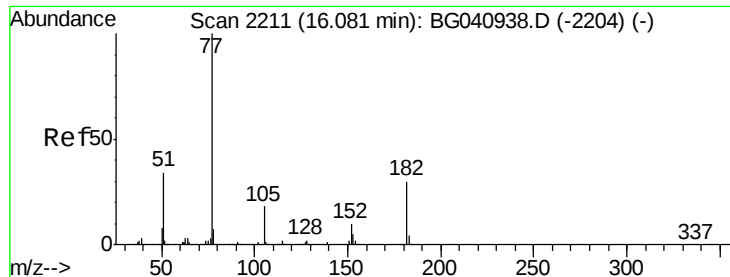
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 44.971 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

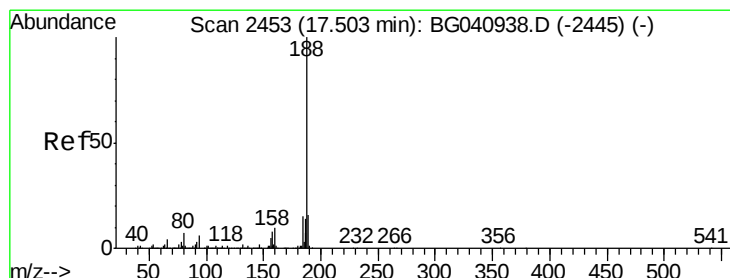
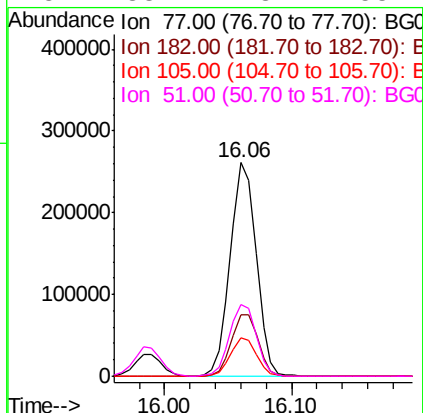
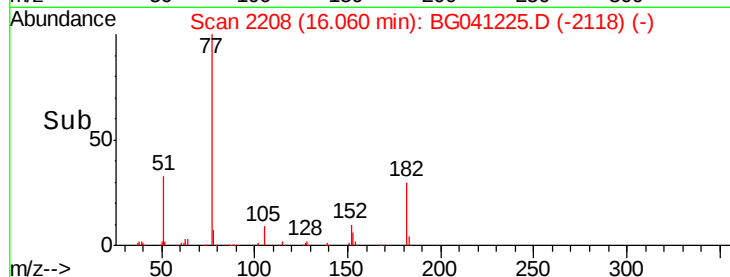
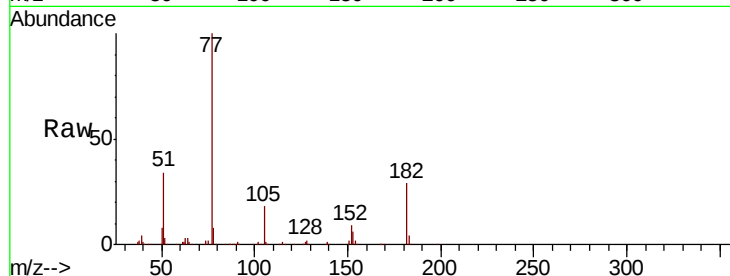
ClientSampleId :

PB120547BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.5	9.6	49.6
105	17.9	0.0	37.5
51	33.7	13.7	53.7

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#64

Phenanthrene-d10

Concen: 20.000 ng

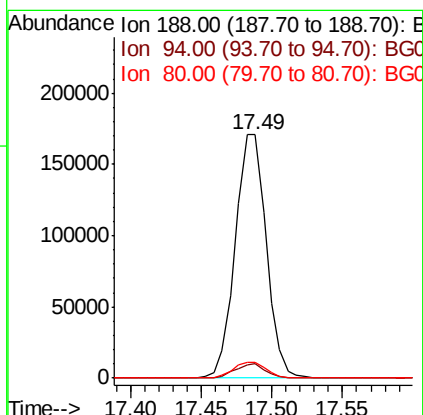
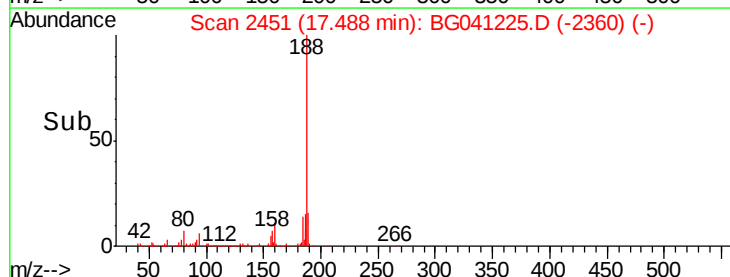
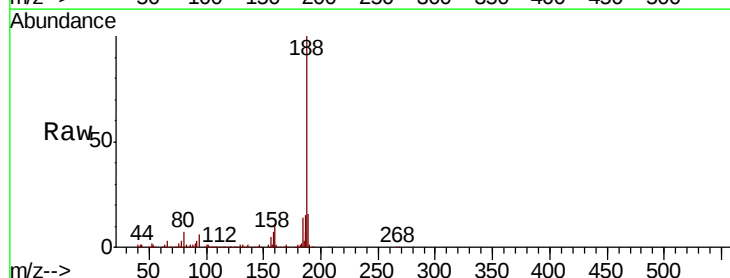
RT: 17.49 min Scan# 2451

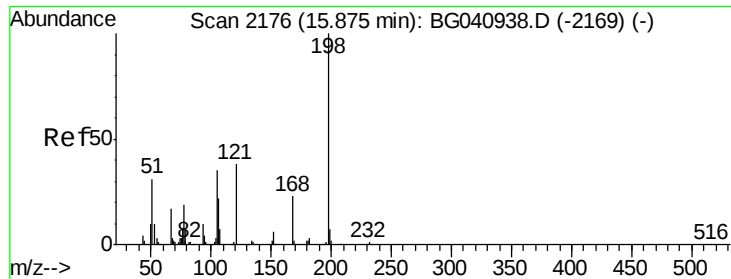
Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.7	7.1
80	6.7	5.8	8.8





#65

4,6-Dinitro-2-methylphenol

Concen: 49.349 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

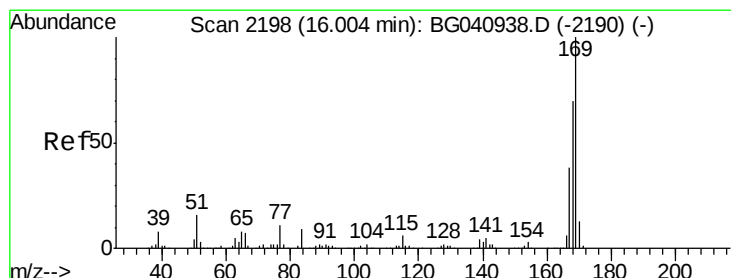
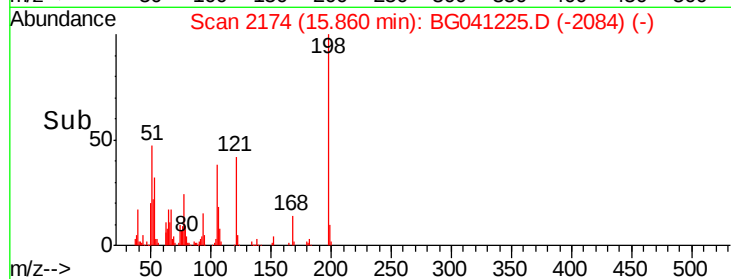
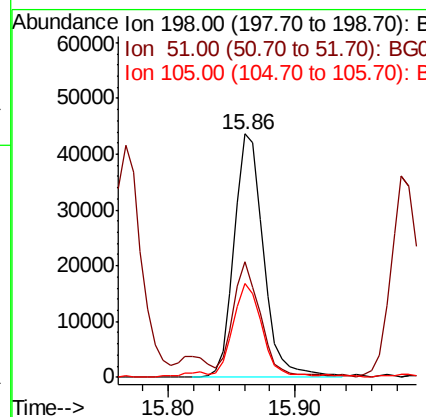
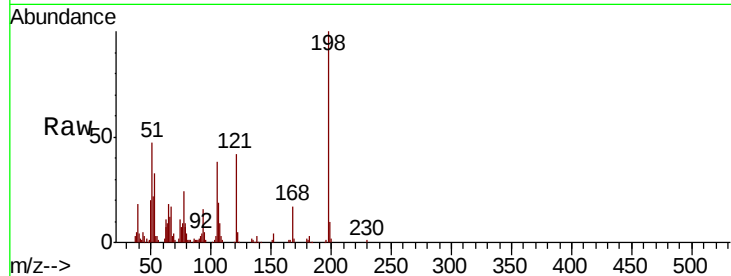
ClientSampleId :

PB120547BS

Tot Ion:	198	Resp:	69857
Ion Ratio	Lower	Upper	
198	100		
51	47.3	21.6	61.6
105	38.5	17.5	57.5

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#66

n-Nitrosodiphenylamine

Concen: 46.181 ng

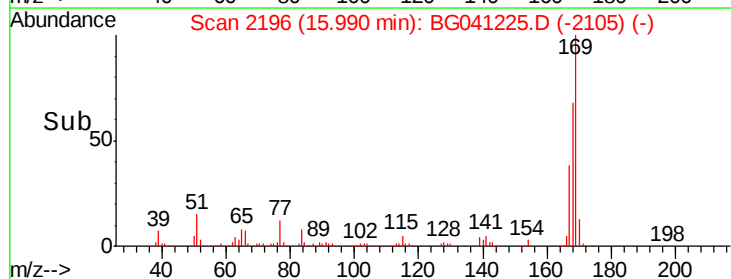
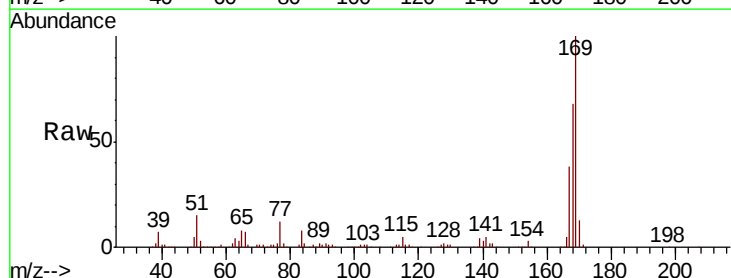
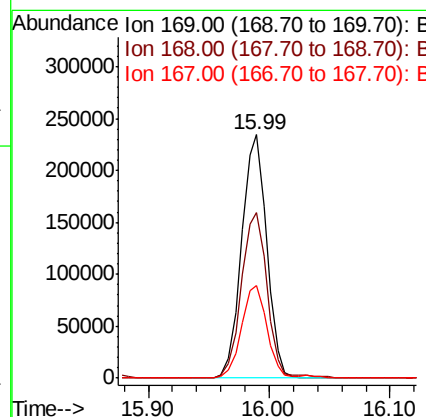
RT: 15.99 min Scan# 2196

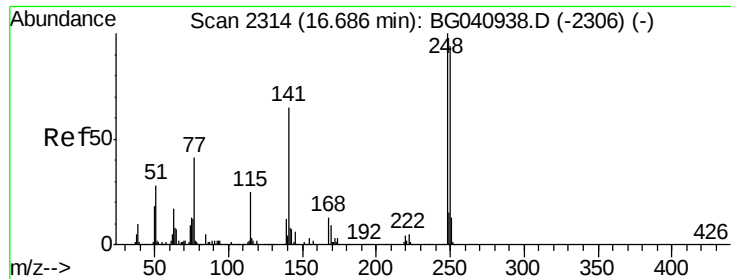
Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Tgt Ion:	169	Resp:	340912
Ion Ratio	Lower	Upper	
169	100		
168	68.2	55.7	83.5
167	37.8	30.2	45.2





#67

4-Bromophenyl-phenylether

Concen: 43.861 ng

RT: 16.67 min Scan# 2311

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

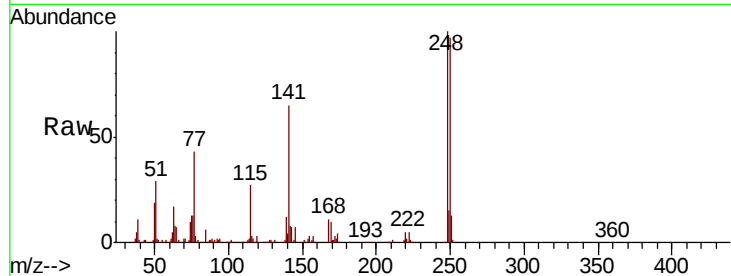
ClientSampleId :

PB120547BS

Tot Ion:	248	Resp:	155441
Ion Ratio	Lower	Upper	
248	100		
250	97.4	75.0	112.4
141	65.1	52.4	78.6

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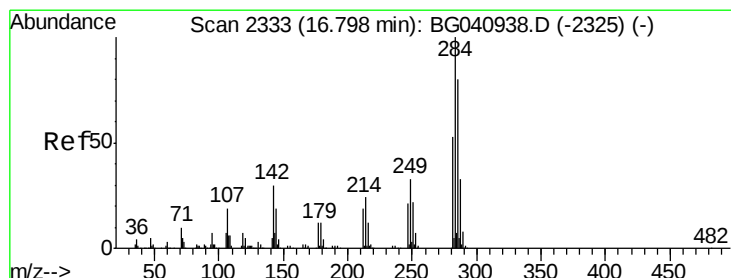
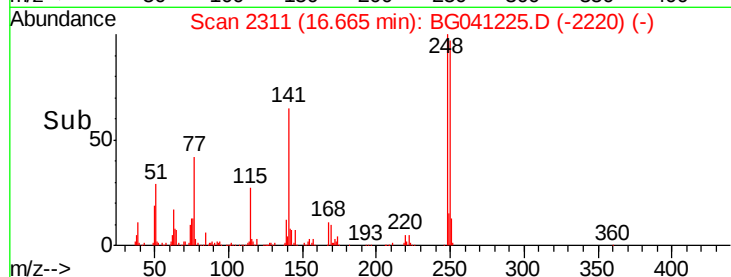
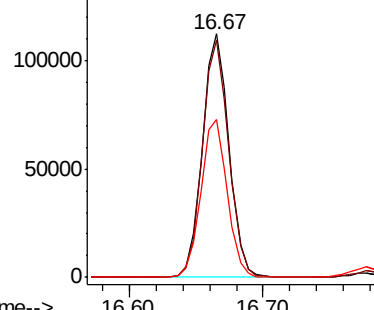


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 42.935 ng

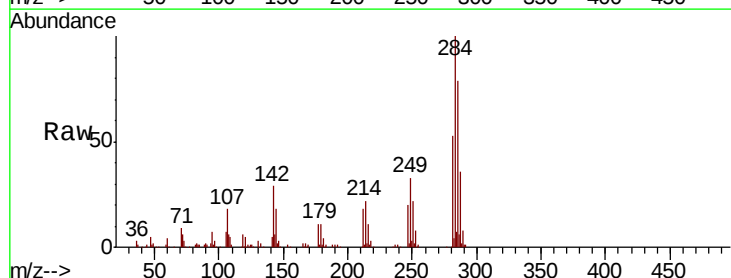
RT: 16.78 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Tgt Ion:	284	Resp:	162027
Ion Ratio	Lower	Upper	
284	100		
142	29.3	23.9	35.9
249	32.7	26.8	40.2

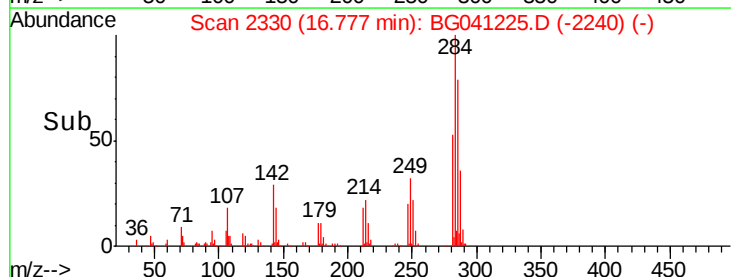
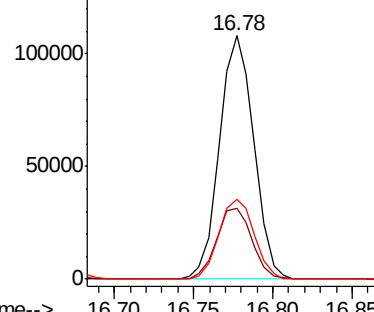


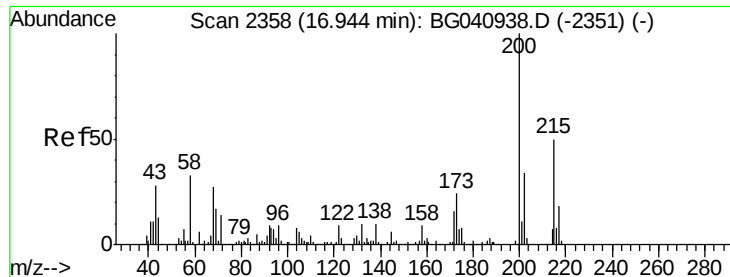
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





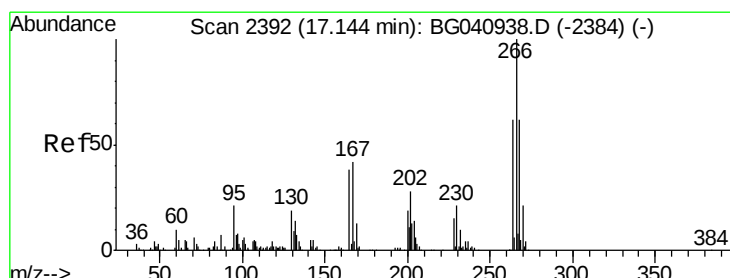
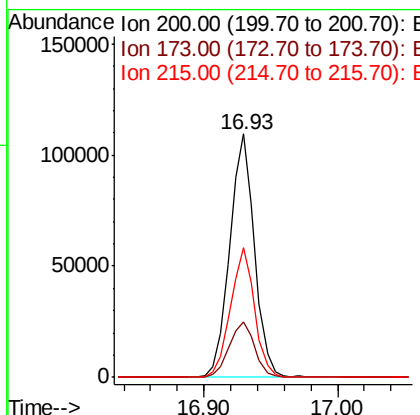
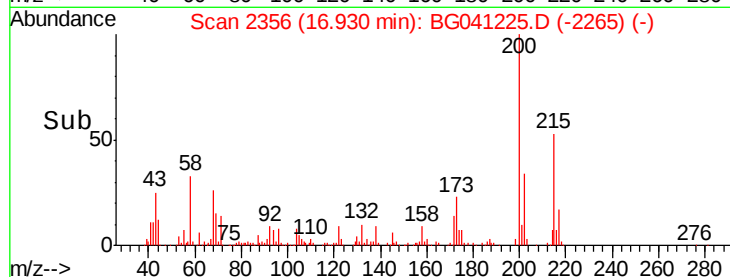
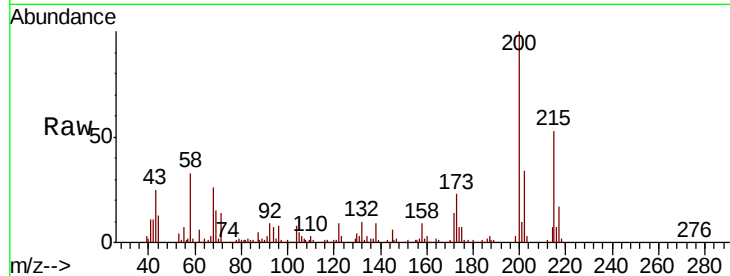
#69
Atrazine
Concen: 49.658 ng
RT: 16.93 min Scan# 2356
Delta R.T. 0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Instrument :
BNA_G
ClientSampleId :
PB120547BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.7	3.6	43.6
215	53.3	29.6	69.6

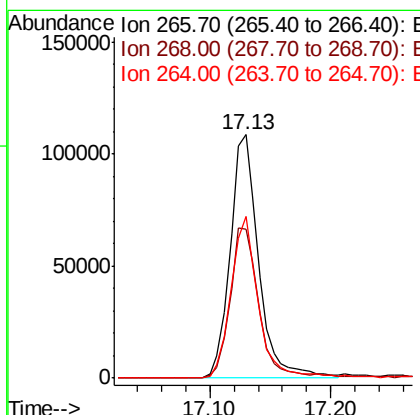
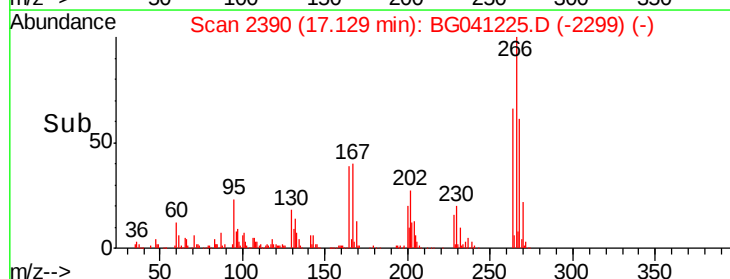
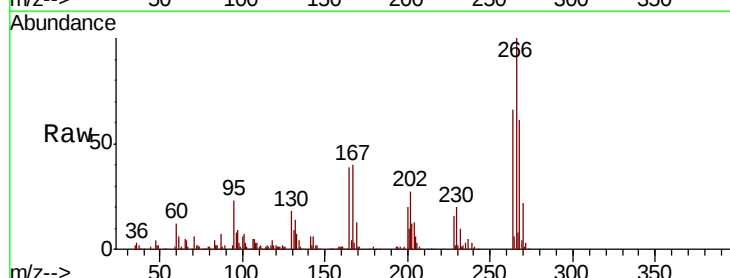
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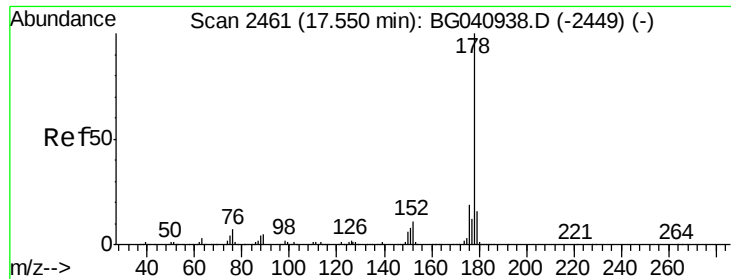
mohammad
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#70
Pentachlorophenol
Concen: 87.750 ng
RT: 17.13 min Scan# 2390
Delta R.T. 0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.1	53.1	79.7
264	66.2	49.9	74.9





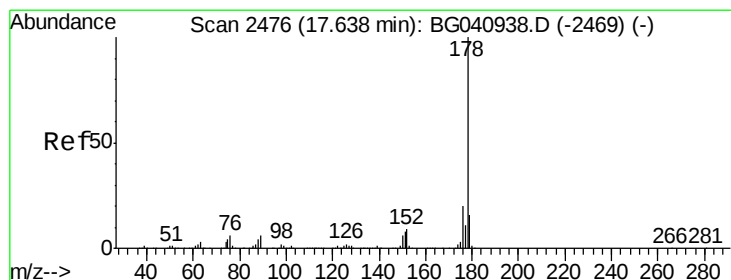
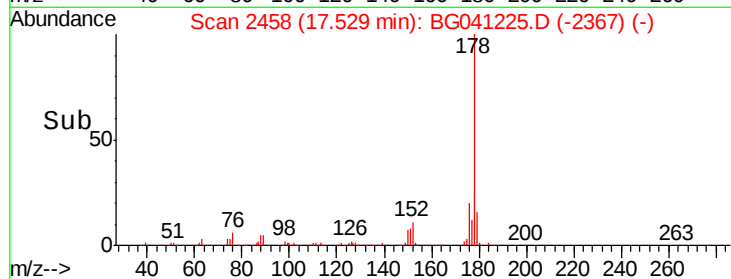
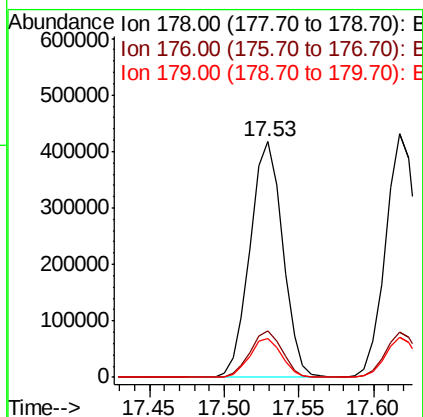
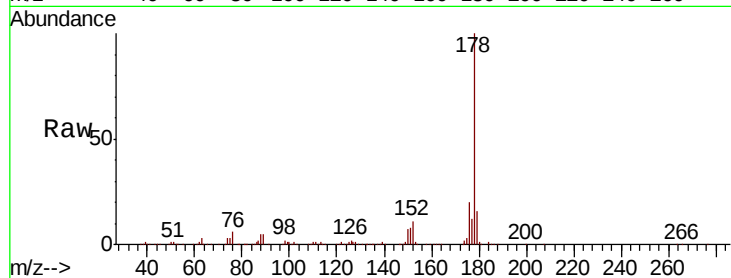
#71
Phenanthrene
Concen: 46.272 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Instrument :
BNA_G
ClientSampleId :
PB120547BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	16.3	12.7	19.1

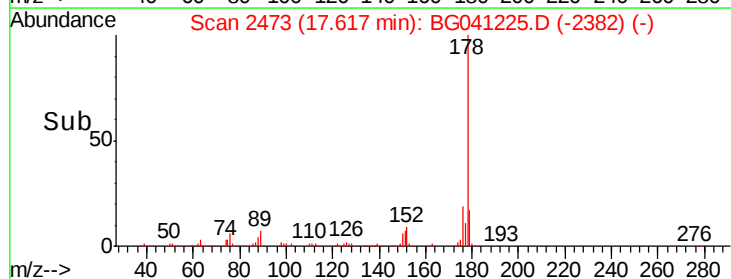
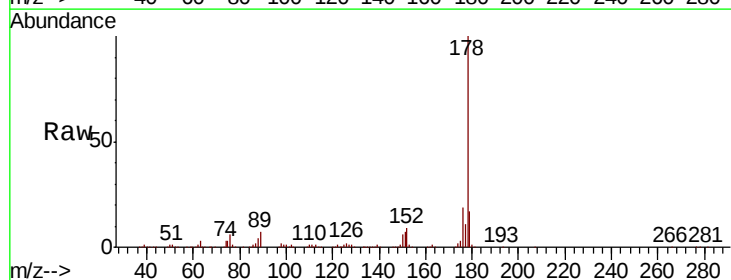
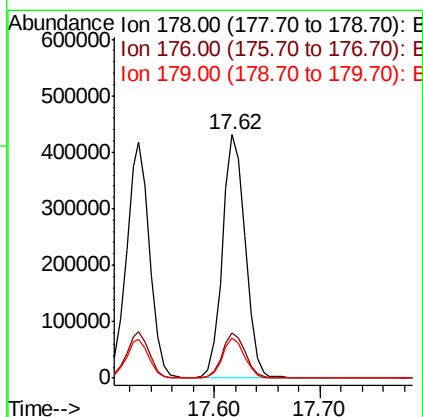
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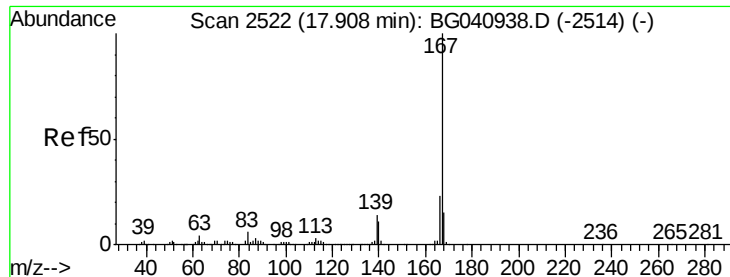
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#72
Anthracene
Concen: 47.622 ng
RT: 17.62 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	16.5	13.0	19.4





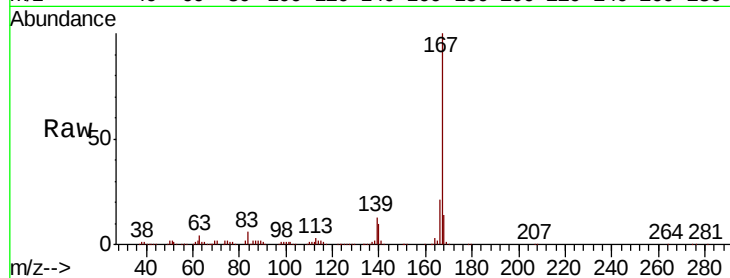
#73
 Carbazole
 Concen: 48.088 ng
 RT: 17.89 min Scan# 2520
 Delta R.T. 0.01 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Instrument :
 BNA_G
 ClientSampleId :
 PB120547BS

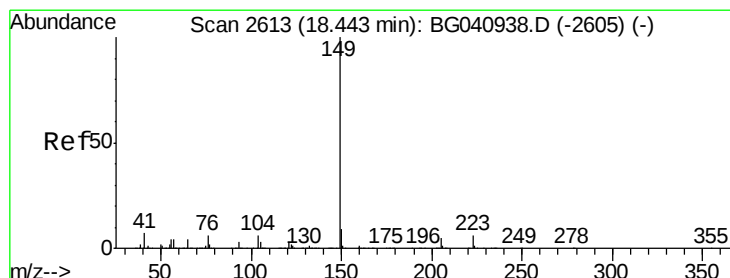
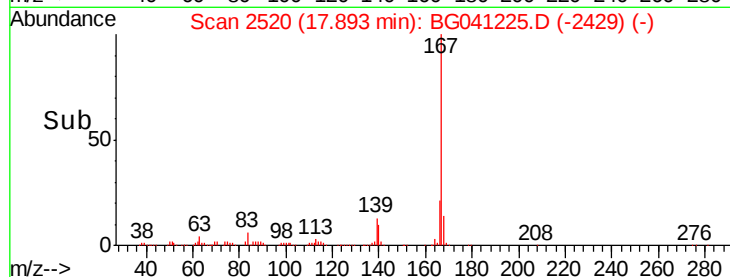
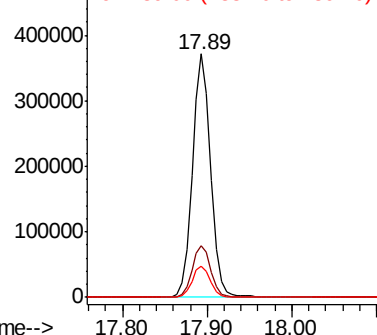
Tot Ion:	167	Resp:	556651
Ion Ratio	Lower	Upper	
167	100		
166	21.4	18.2	27.4
139	13.0	10.8	16.2

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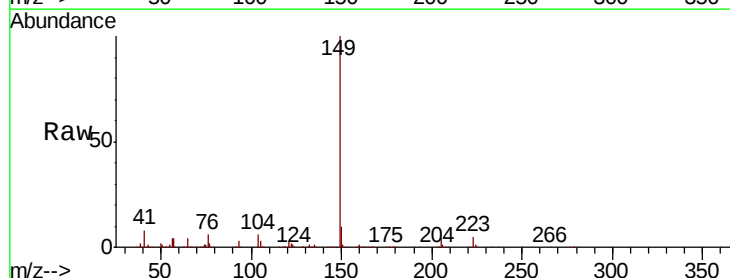


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

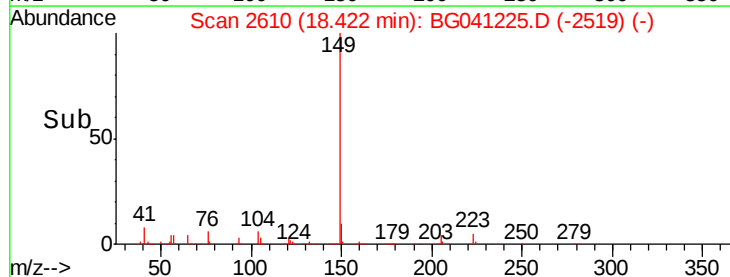
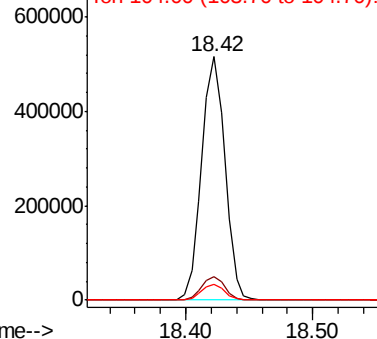


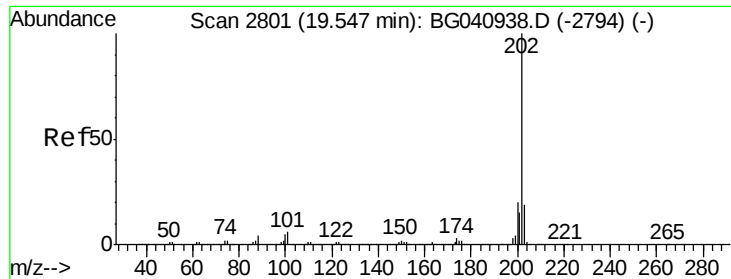
#74
 Di-n-butylphthalate
 Concen: 45.580 ng
 RT: 18.42 min Scan# 2610
 Delta R.T. 0.01 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Tgt Ion:	149	Resp:	655766
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.4	11.2
104	6.4	5.0	7.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.006 ng

RT: 19.53 min Scan# 2799

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

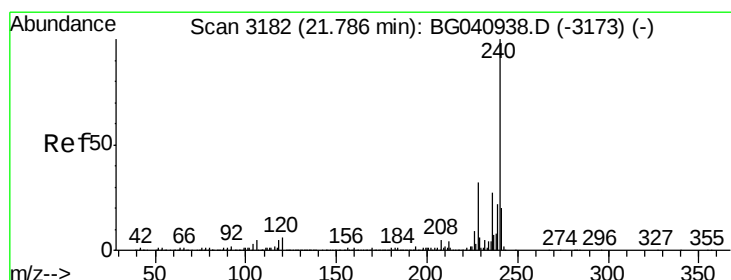
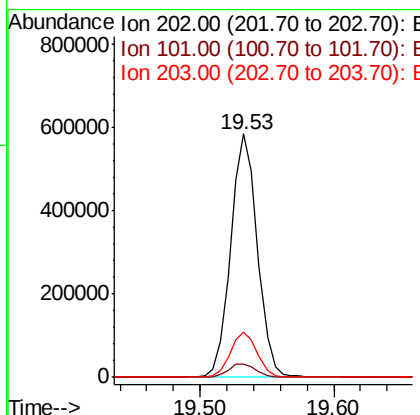
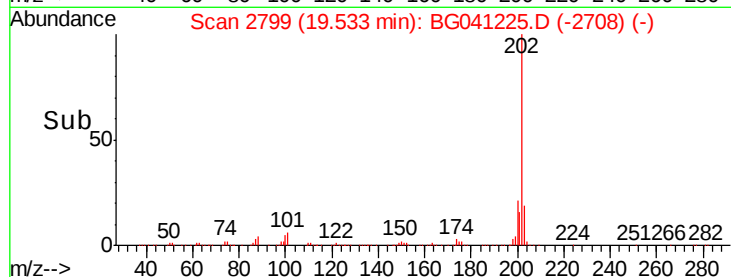
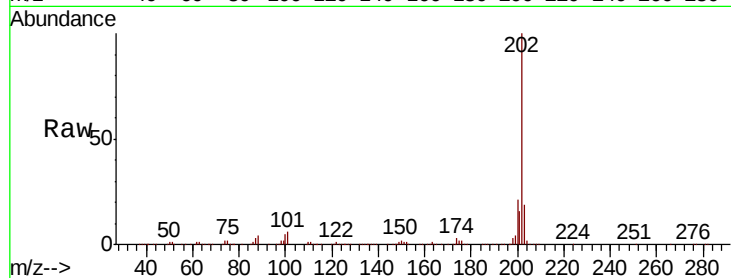
ClientSampleId :

PB120547BS

Tot Ion:	202	Resp:	811088
Ion Ratio	Lower	Upper	
202	100		
101	5.6	0.0	26.2
203	18.7	0.0	38.7

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#76

Chrysene-d12

Concen: 20.000 ng

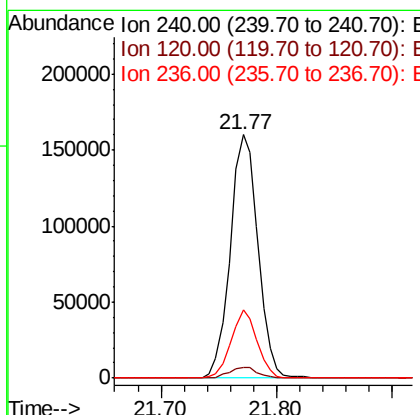
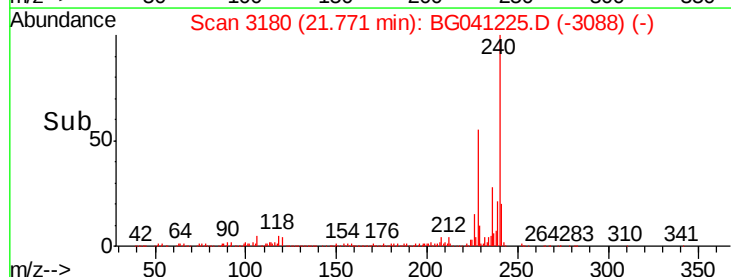
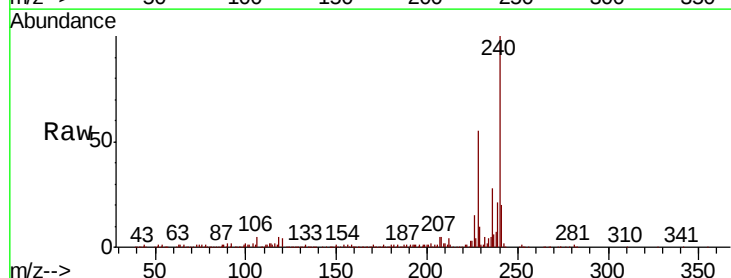
RT: 21.77 min Scan# 3180

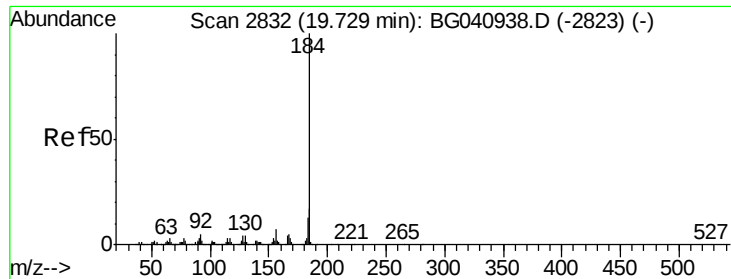
Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Tgt Ion:	240	Resp:	264951
Ion Ratio	Lower	Upper	
240	100		
120	4.4	4.5	6.7#
236	27.9	21.3	31.9





#77

Benzidine

Concen: 38.257 ng

RT: 19.71 min Scan# 2830

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

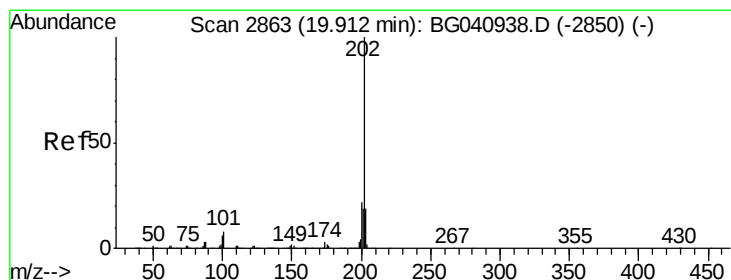
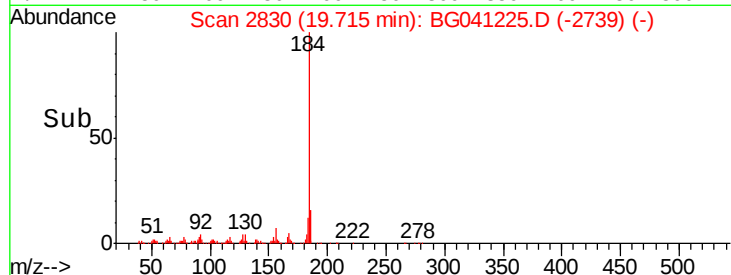
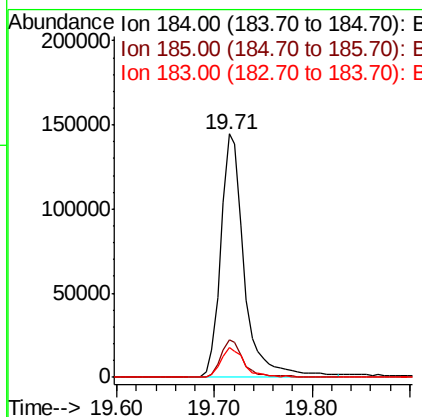
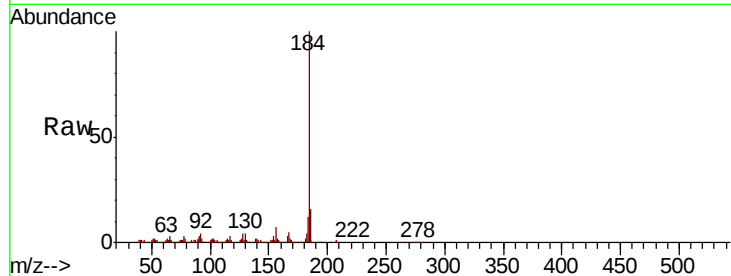
ClientSampleId :

PB120547BS

Tot Ion:	184	Resp:	241800
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.3	19.9
183	12.2	10.7	16.1

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#78

Pyrene

Concen: 47.617 ng

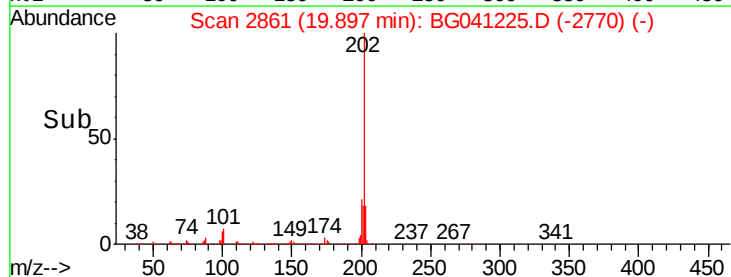
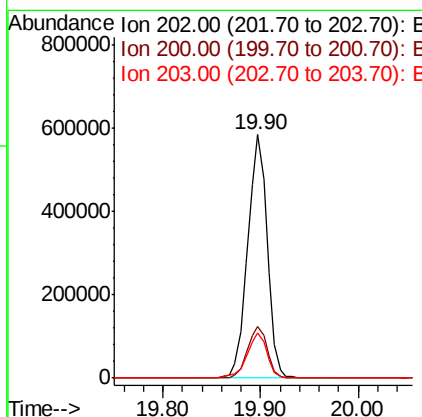
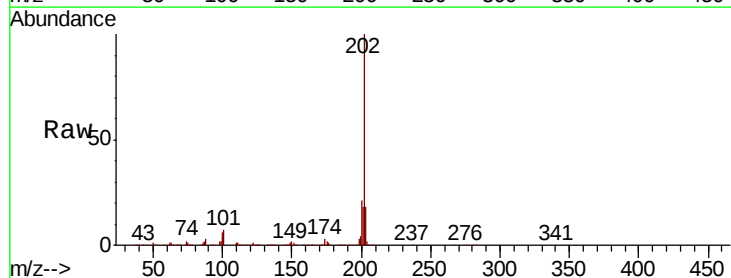
RT: 19.90 min Scan# 2861

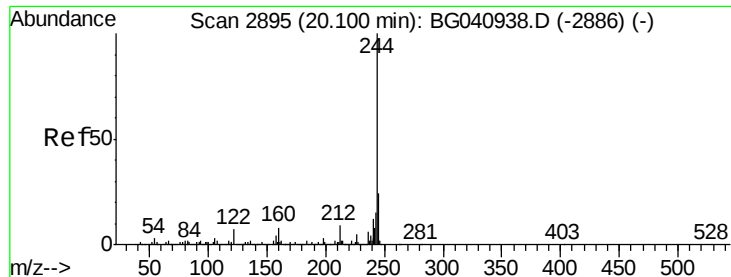
Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Tgt Ion:	202	Resp:	820137
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.5	26.3
203	18.4	15.6	23.4





#79

Terphenyl-d14

Concen: 90.256 ng

RT: 20.08 min Scan# 2893

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

ClientSampleId :

PB120547BS

Tot Ion:244 Resp: 1126746

Ion Ratio Lower Upper

244 100

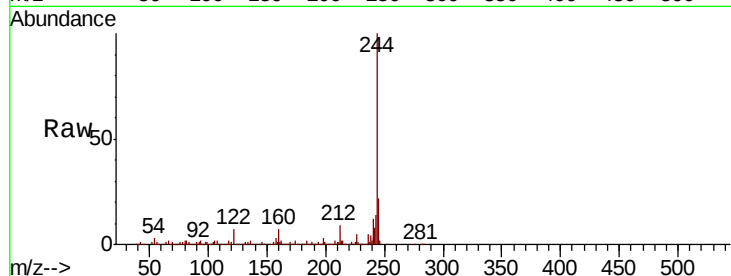
212 8.8 7.0 10.4

122 6.6 5.4 8.0

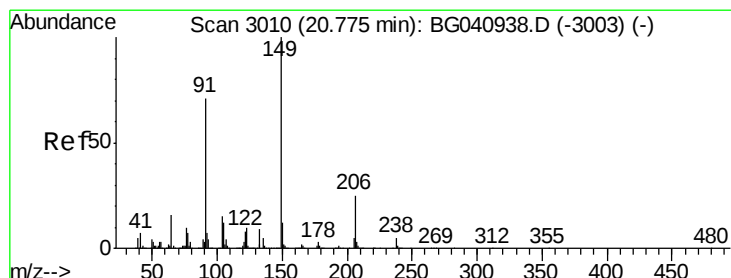
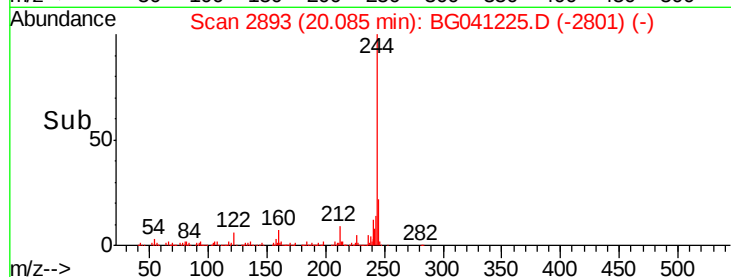
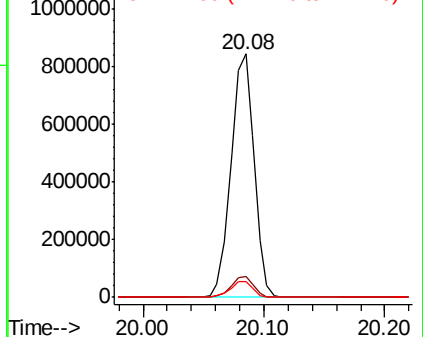
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.584 ng

RT: 20.76 min Scan# 3008

Delta R.T. 0.01 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

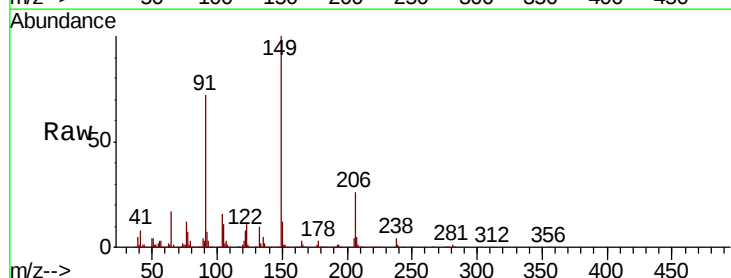
Tgt Ion:149 Resp: 305532

Ion Ratio Lower Upper

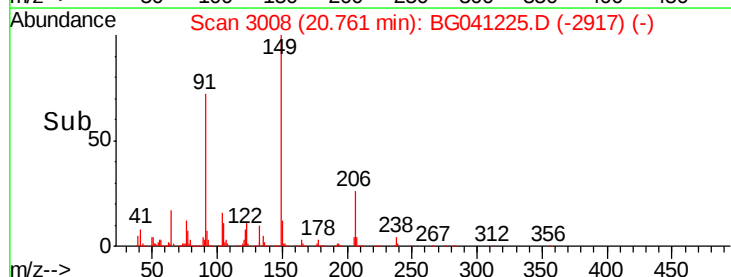
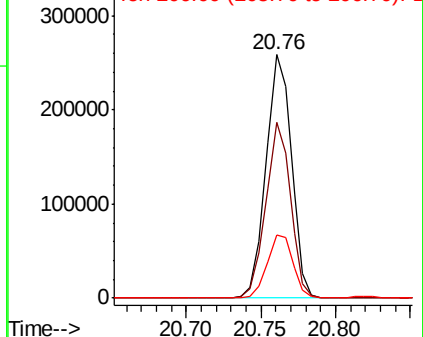
149 100

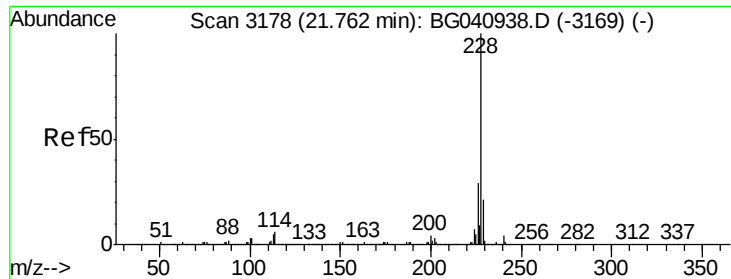
91 72.4 56.5 84.7

206 25.8 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





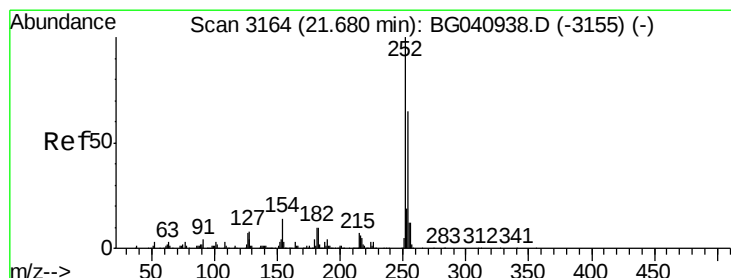
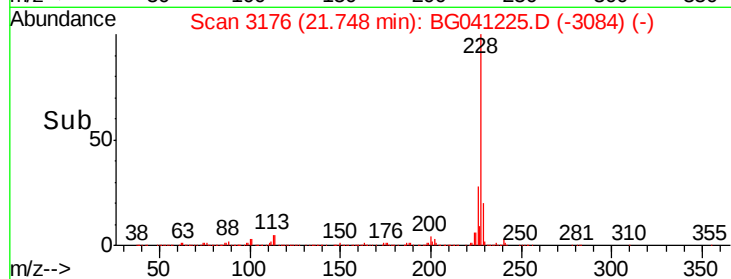
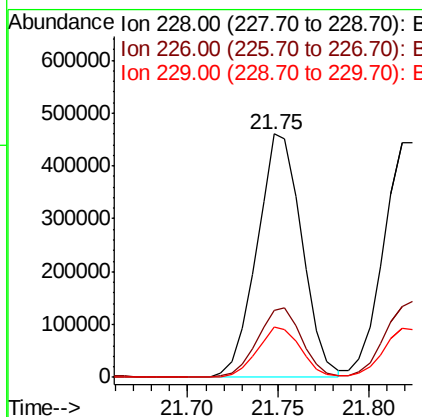
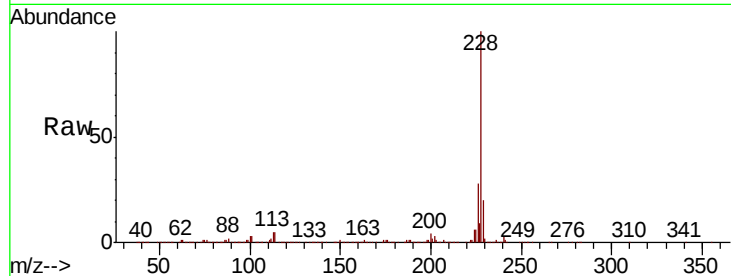
#81
Benzo(a)anthracene
Concen: 44.892 ng
RT: 21.75 min Scan# 3176
Delta R.T. 0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Instrument :
BNA_G
ClientSampleId :
PB120547BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.5	35.3
229	20.4	16.7	25.1

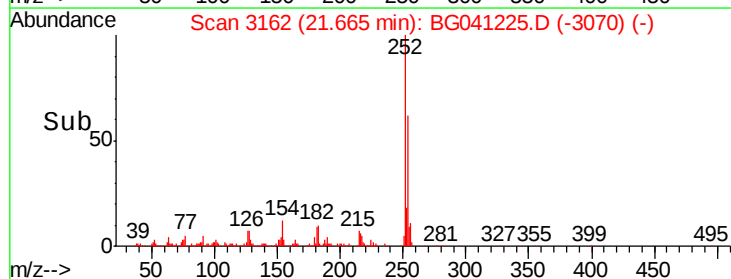
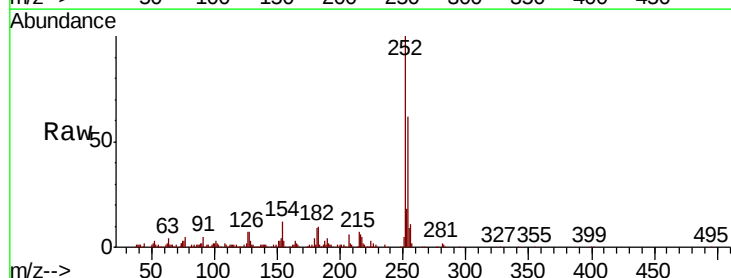
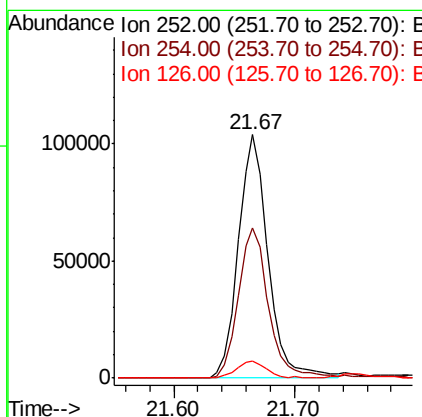
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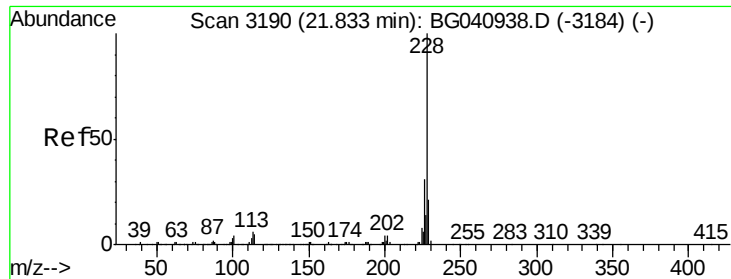
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 28.802 ng
RT: 21.67 min Scan# 3162
Delta R.T. 0.01 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.8	52.1	78.1
126	7.2	5.5	8.3





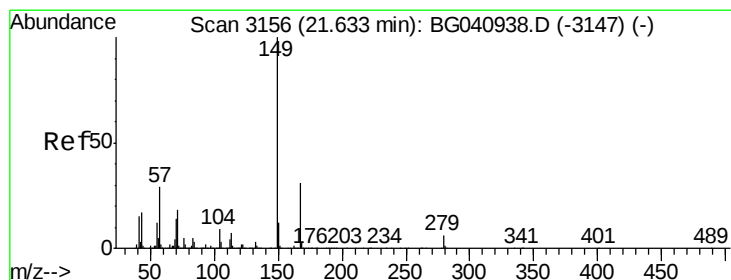
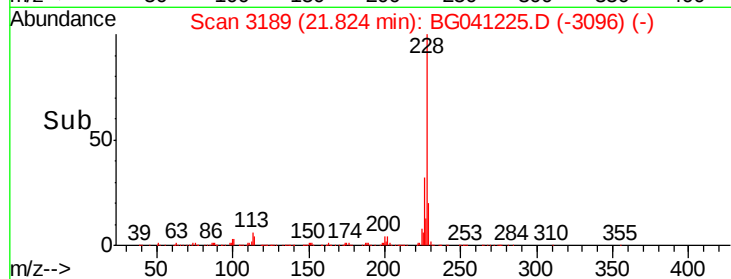
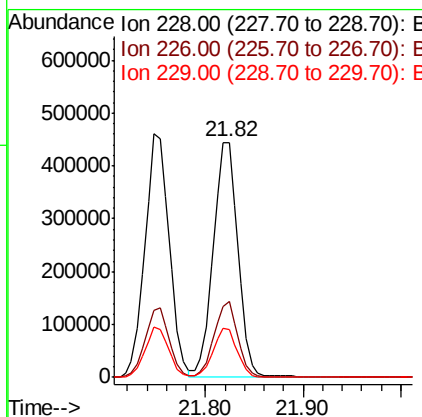
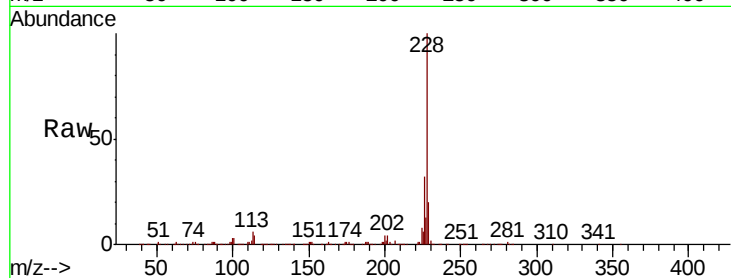
#83
 Chrysene
 Concen: 46.131 ng
 RT: 21.82 min Scan# 3189
 Delta R.T. 0.02 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Instrument :
 BNA_G
 ClientSampleId :
 PB120547BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.6	37.0
229	20.3	16.6	24.8

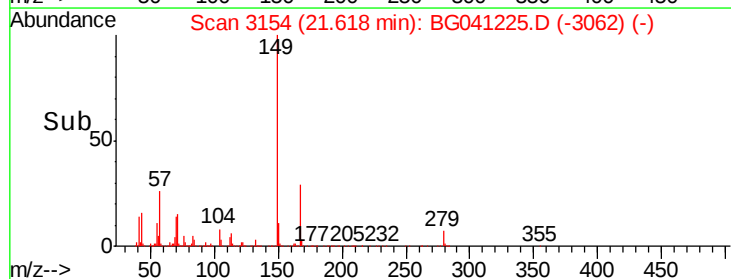
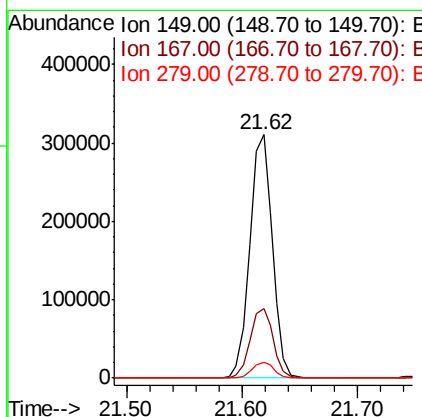
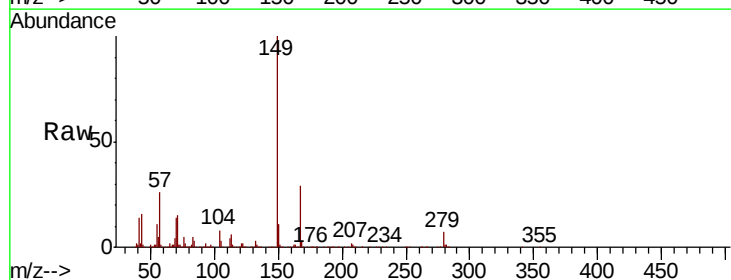
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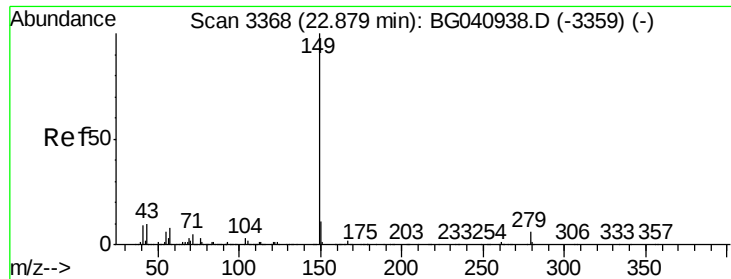
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.682 ng
 RT: 21.62 min Scan# 3154
 Delta R.T. 0.01 min
 Lab File: BG041225.D
 Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	24.6	37.0
279	6.7	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 45.878 ng

RT: 22.86 min Scan# 3366

Delta R.T. 0.02 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

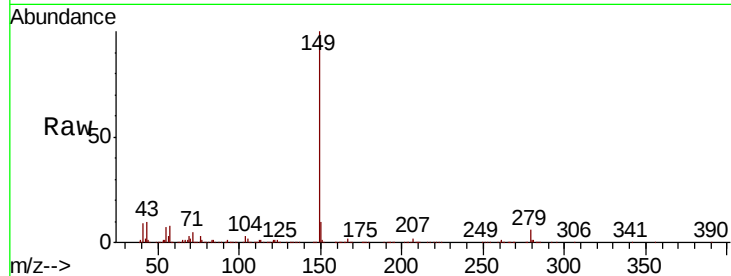
ClientSampled :

PB120547BS

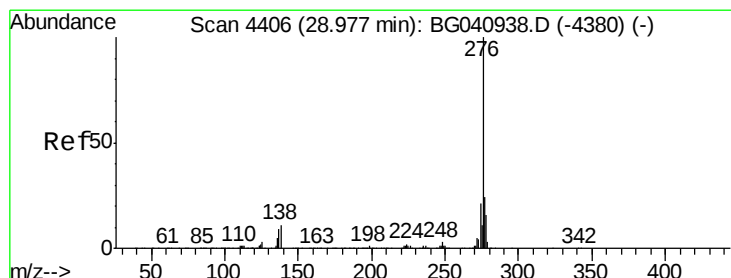
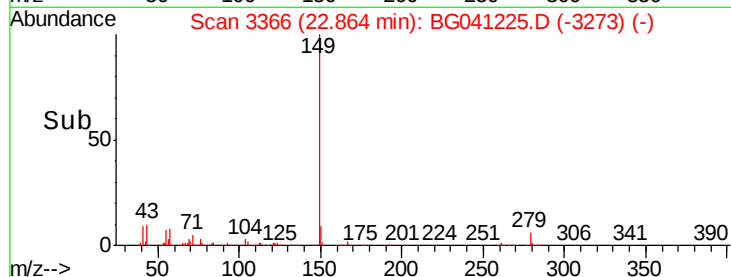
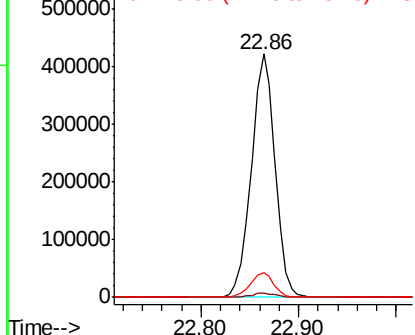
Tot Ion:	149	Resp:	720940
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	10.0	8.1	12.1

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.269 ng

RT: 28.98 min Scan# 4407

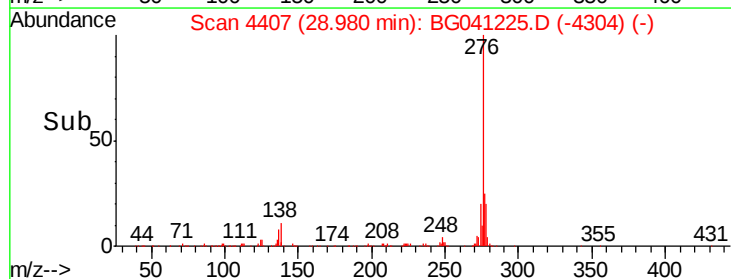
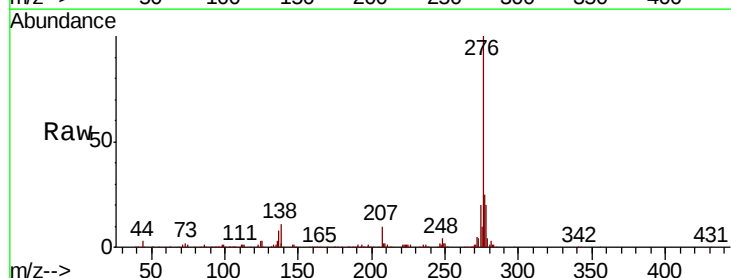
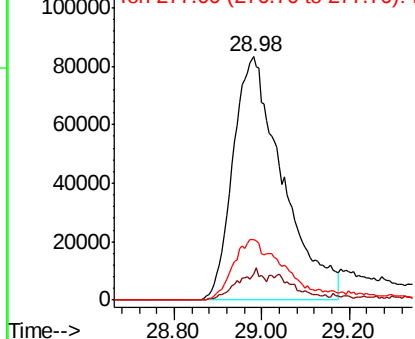
Delta R.T. 0.08 min

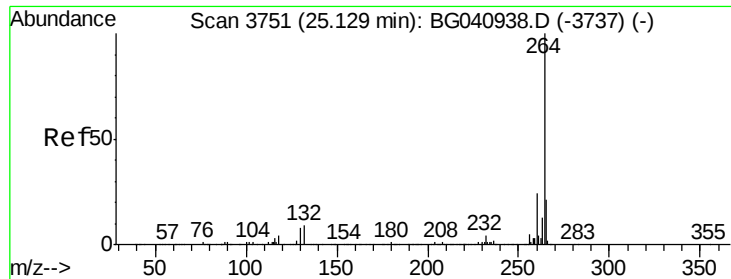
Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Tgt Ion:	276	Resp:	646476
Ion Ratio	Lower	Upper	
276	100		
138	6.5	5.7	8.5
277	24.9	20.8	31.2

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3750

Delta R.T. 0.04 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

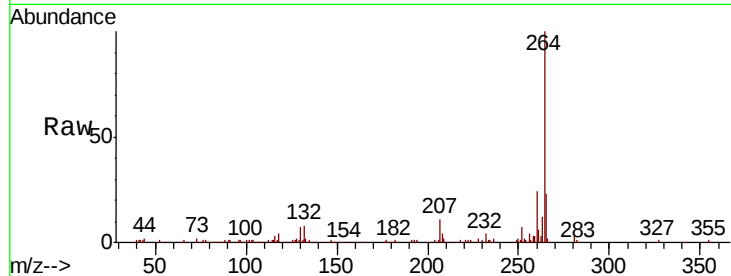
ClientSampleId :

PB120547BS

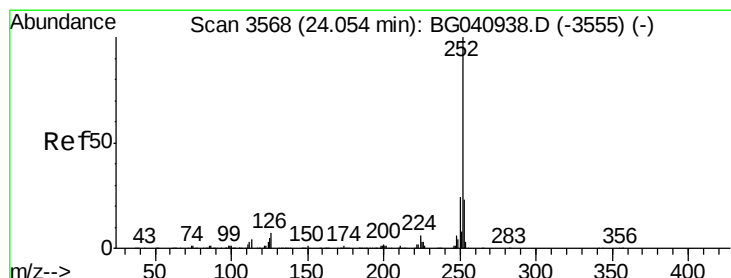
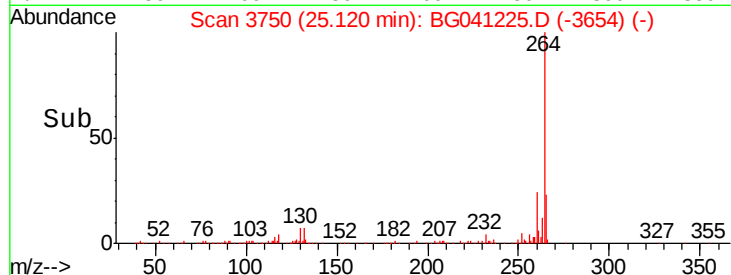
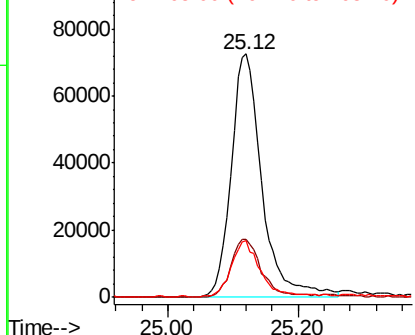
Tot Ion:	264	Resp:	237629
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.0	28.4
265	23.3	17.0	25.4

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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: 51.239 ng

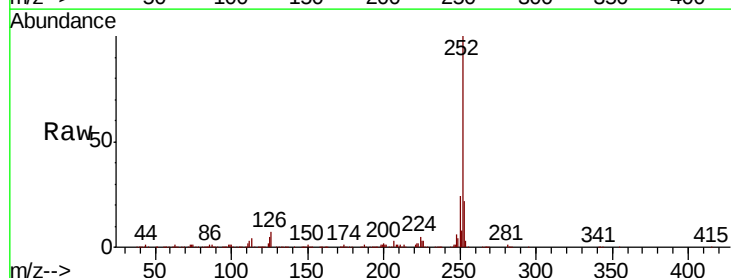
RT: 24.04 min Scan# 3567

Delta R.T. 0.03 min

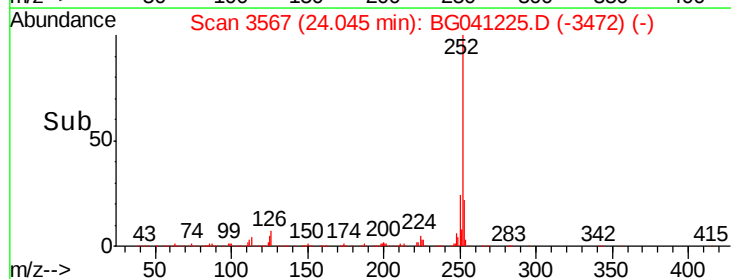
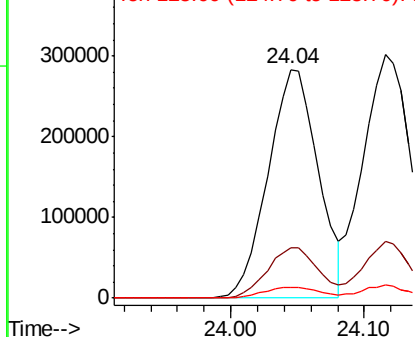
Lab File: BG041225.D

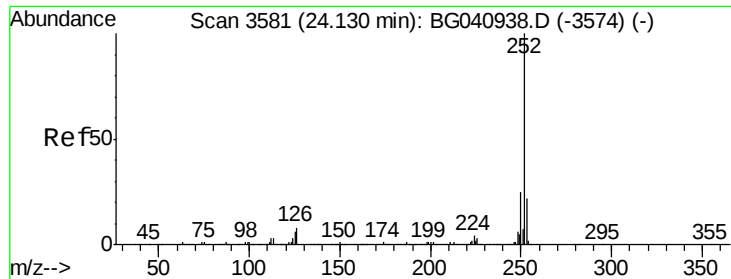
Acq: 13 Jun 2019 10:51

Tgt Ion:	252	Resp:	738513
Ion Ratio	Lower	Upper	
252	100		
253	21.8	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: 55.677 ng

RT: 24.12 min Scan# 3579

Delta R.T. 0.02 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Instrument :

BNA_G

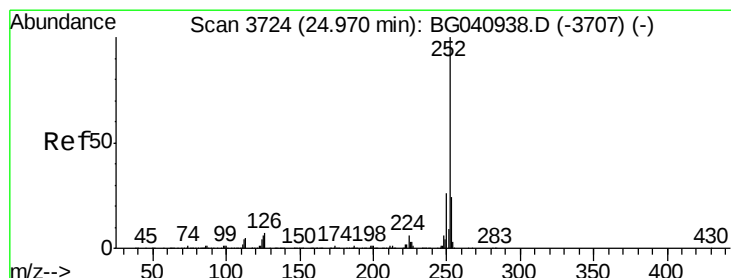
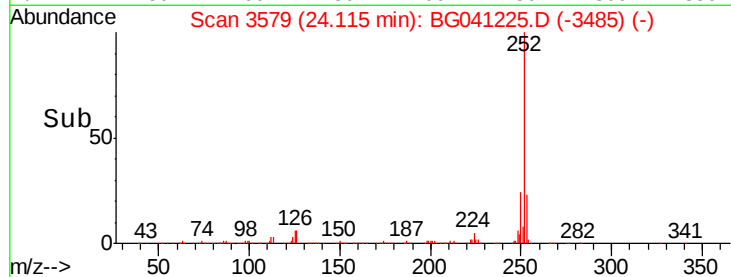
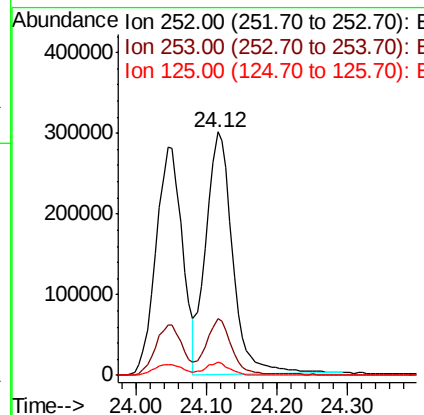
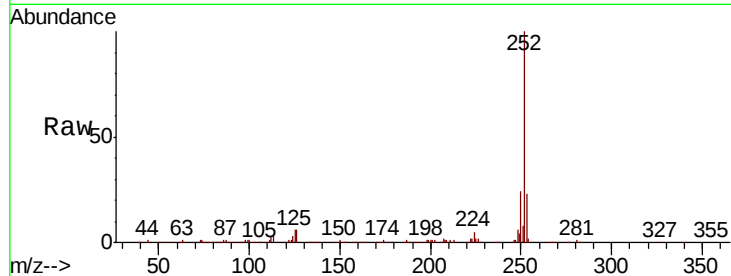
ClientSampleId :

PB120547BS

Tot Ion:	252	Resp:	794108
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.6
125	5.6	4.7	7.1

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 54.469 ng

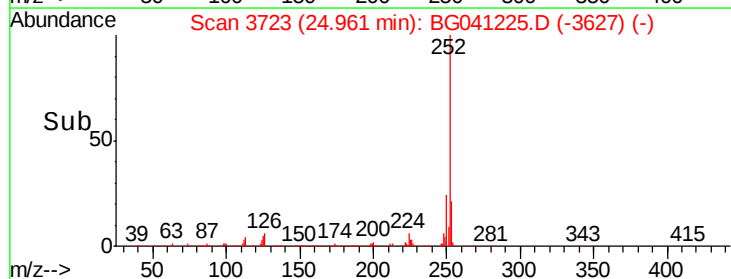
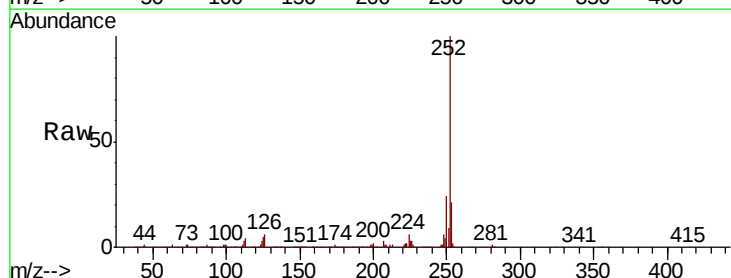
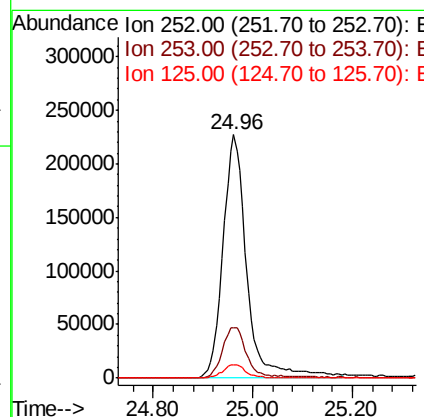
RT: 24.96 min Scan# 3723

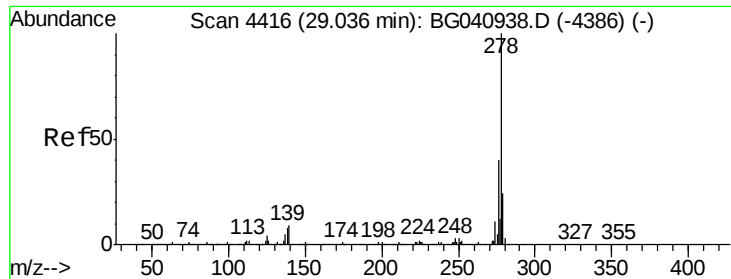
Delta R.T. 0.04 min

Lab File: BG041225.D

Acq: 13 Jun 2019 10:51

Tgt Ion:	252	Resp:	749000
Ion Ratio	Lower	Upper	
252	100		
253	20.7	19.5	29.3
125	5.4	5.1	7.7





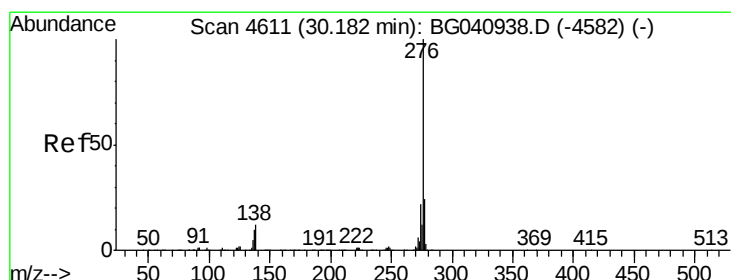
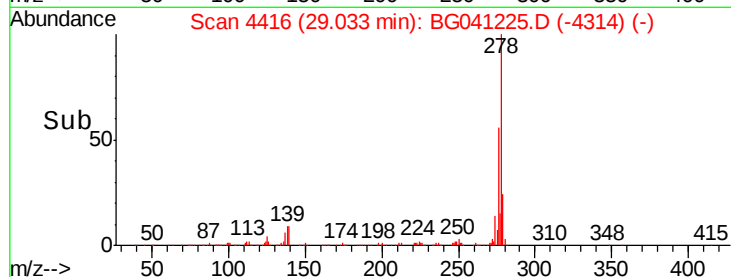
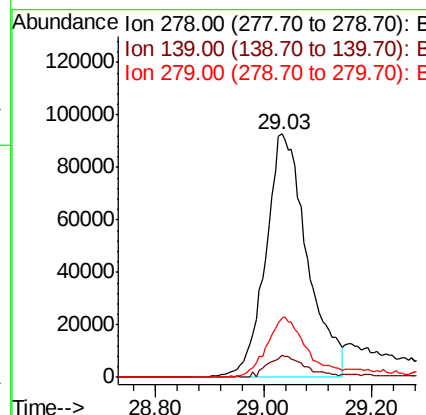
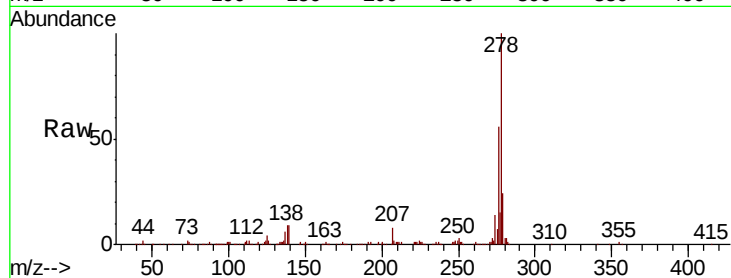
#91
Dibenzo(a,h)anthracene
Concen: 36.126 ng
RT: 29.03 min Scan# 4416
Delta R.T. 0.07 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Instrument :
BNA_G
ClientSampleId :
PB120547BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.1	7.1	10.7
279	24.4	19.4	29.2

Manual Integrations
APPROVED

mohammad
6/14/2019 8:48:12 AM



#92
Benzo(g,h,i)perylene
Concen: 34.874 ng
RT: 30.20 min Scan# 4614
Delta R.T. 0.08 min
Lab File: BG041225.D
Acq: 13 Jun 2019 10:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.7	19.4	29.0
138	9.5	9.7	14.5#

