

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
 Data File : BG041183.D
 Acq On : 11 Jun 2019 11:00
 Operator : HP/JU
 Sample : PB120413BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

Manual Integrations
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mohammad
 6/14/2019 8:38:19 AM

Quant Time: Jun 12 02:14:29 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	8.11	152	33962	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	140612	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	110588	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	268858	20.00	ng	0.00
76) Chrysene-d12	21.76	240	265565	20.00	ng	0.00
87) Perylene-d12	25.09	264	279259	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	259269	137.66	ng	0.00
7) Phenol-d6	7.26	99	381027	130.99	ng	0.00
23) Nitrobenzene-d5	9.28	82	262391	82.84	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	218843	133.30	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	649123	84.53	ng	0.00
79) Terphenyl-d14	20.08	244	1157028	92.47	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.50	88	34667	40.563	ng	92
3) Pyridine	3.91	79	92877	36.726	ng	98
4) n-Nitrosodimethylamine	3.83	42	53513	45.594	ng	81
6) Aniline	7.43	93	93782	24.155	ng	98
8) 2-Chlorophenol	7.66	128	106120	47.261	ng	97
9) Benzaldehyde	7.24	77	29701	17.117	ng	90
10) Phenol	7.29	94	143747	46.091	ng	94
11) bis(2-Chloroethyl)ether	7.52	93	94839	41.918	ng	97
12) 1,3-Dichlorobenzene	7.99	146	114571	42.722	ng	99
13) 1,4-Dichlorobenzene	8.14	146	114288	42.102	ng	96
14) 1,2-Dichlorobenzene	8.46	146	114336	43.379	ng	96
15) Benzyl Alcohol	8.35	79	119471	44.401	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.63	45	141035	38.148	ng	95
17) 2-Methylphenol	8.54	107	100386	44.456	ng	98
18) Hexachloroethane	9.19	117	44481	42.515	ng	92
19) n-Nitroso-di-n-propylamine	8.91	70	87620	39.143	ng	97
20) 3+4-Methylphenols	8.87	107	138410	44.250	ng	97
22) Acetophenone	8.94	105	174520	44.245	ng	# 97
24) Nitrobenzene	9.33	77	147603	45.728	ng	98
25) Isophorone	9.84	82	255239	42.344	ng	99
26) 2-Nitrophenol	10.03	139	64947	48.807	ng	87
27) 2,4-Dimethylphenol	10.08	122	112581	51.227	ng	94
28) bis(2-Chloroethoxy)methane	10.32	93	138040	42.430	ng	98
29) 2,4-Dichlorophenol	10.57	162	133871	47.969	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	142466	44.874	ng	98
31) Naphthalene	10.98	128	347453	46.023	ng	99
32) Benzoic acid	10.22	122	68794	41.569	ng	96
33) 4-Chloroaniline	11.09	127	71236	20.336	ng	95
34) Hexachlorobutadiene	11.24	225	101421	41.751	ng	97
35) Caprolactam	11.89	113	40036m	43.442	ng	
36) 4-Chloro-3-methylphenol	12.20	107	148211	46.501	ng	96
37) 2-Methylnaphthalene	12.57	142	271613	46.713	ng	97
38) 1-Methylnaphthalene	12.80	142	258105	47.106	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	203802	45.723	ng	99

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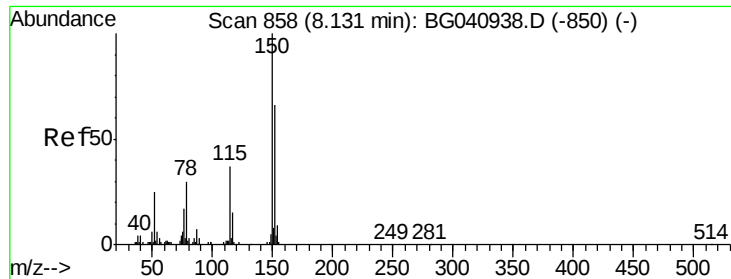
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	220875	90.930	nq	98
43) 2,4,6-Trichlorophenol	13.18	196	132667	46.009	nq	98
44) 2,4,5-Trichlorophenol	13.25	196	140872	46.324	nq	96
46) 1,1'-Biphenyl	13.57	154	374325	45.728	nq	99
47) 2-Chloronaphthalene	13.62	162	308158	43.850	nq	98
48) 2-Nitroaniline	13.83	65	111074	44.058	nq	97
49) Acenaphthylene	14.46	152	482713	45.639	nq	98
50) Dimethylphthalate	14.19	163	396618	42.368	nq	99
51) 2,6-Dinitrotoluene	14.32	165	91931	45.547	nq	93
52) Acenaphthene	14.80	154	282081	44.024	nq	98
53) 3-Nitroaniline	14.65	138	63774	31.598	nq	99
54) 2,4-Dinitrophenol	14.86	184	87395	82.133	nq	95
55) Dibenzofuran	15.13	168	493286	45.754	nq	99
56) 4-Nitrophenol	14.95	139	125787	90.862	nq	92
57) 2,4-Dinitrotoluene	15.11	165	131420	46.094	nq	95
58) Fluorene	15.78	166	388137	45.205	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	142878	47.808	nq	99
60) Diethylphthalate	15.54	149	408621	42.772	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	244671	43.841	nq	94
62) 4-Nitroaniline	15.82	138	88966	41.636	nq	97
63) Azobenzene	16.06	77	379177	43.669	nq	96
65) 4,6-Dinitro-2-methylphenol	15.86	198	72979	50.180	nq	98
66) n-Nitrosodiphenylamine	15.99	169	349946	46.302	nq	99
67) 4-Bromophenyl-phenylether	16.66	248	161257	44.444	nq	98
68) Hexachlorobenzene	16.77	284	167437	43.337	nq	98
69) Atrazine	16.93	200	146051	50.082	nq	95
70) Pentachlorophenol	17.13	266	188823	90.633	nq	97
71) Phenanthrene	17.53	178	655636	46.816	nq	98
72) Anthracene	17.61	178	679365	49.186	nq	99
73) Carbazole	17.89	167	570567	48.144	nq	99
74) Di-n-butylphthalate	18.42	149	682321	46.322	nq	99
75) Fluoranthene	19.53	202	841006	48.619	nq	99
77) Benzidine	19.71	184	260928	41.187	nq	97
78) Pyrene	19.89	202	849902	49.231	nq	98
80) Butylbenzylphthalate	20.76	149	313226	46.623	nq	97
81) Benzo(a)anthracene	21.74	228	806042	45.597	nq	99
82) 3,3'-Dichlorobenzidine	21.66	252	187397	30.140	nq	98
83) Chrysene	21.81	228	798537	47.204	nq	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	435414	46.040	nq	98
85) Di-n-octyl phthalate	22.85	149	738711	46.900	nq	99
86) Indeno(1,2,3-cd)pyrene	28.92	276	744806	35.942	nq	99
88) Benzo(b)fluoranthene	24.02	252	786812	46.452	nq	100
89) Benzo(k)fluoranthene	24.09	252	791012	47.193	nq	98
90) Benzo(a)pyrene	24.93	252	773490	47.864	nq	97
91) Dibenzo(a,h)anthracene	28.98	278	633219	39.215	nq	97
92) Benzo(g,h,i)perylene	30.13	276	585279	37.308	nq	96

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



#1

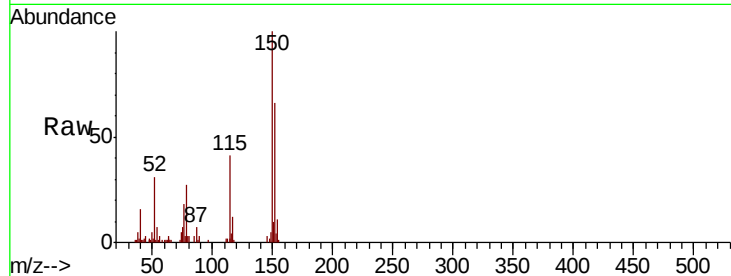
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	120.6	180.8
115	62.4	45.1	67.7

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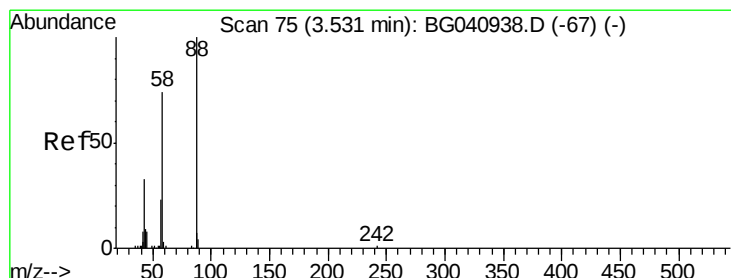
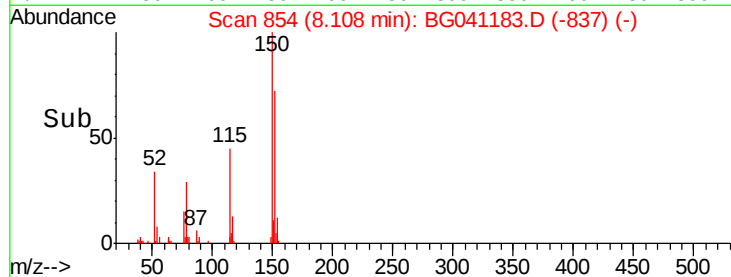
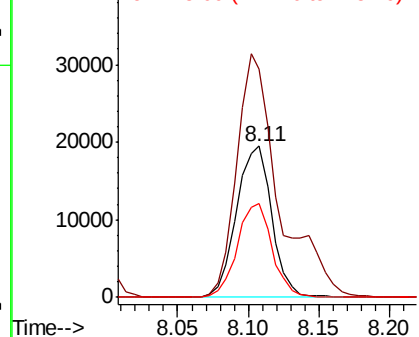


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

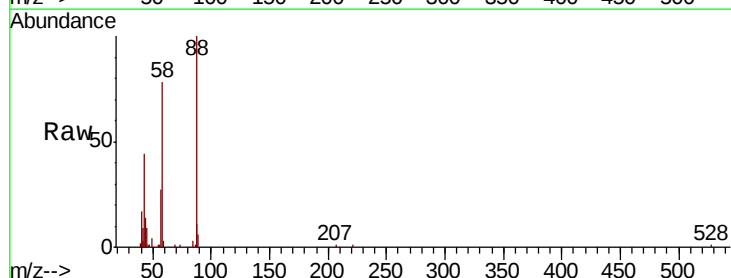
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.563 ng
RT: 3.50 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	59.0	88.6
43	34.7	27.2	40.8

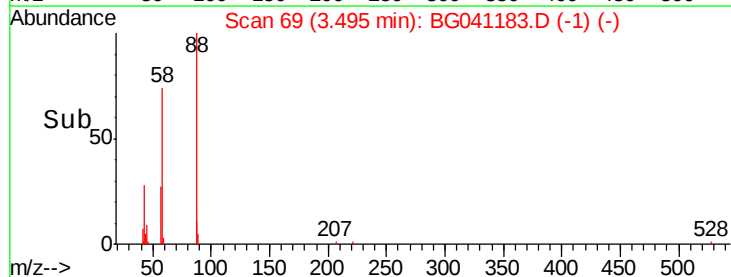
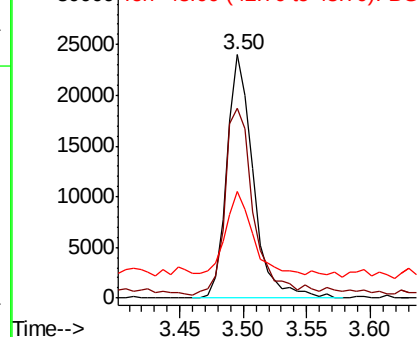


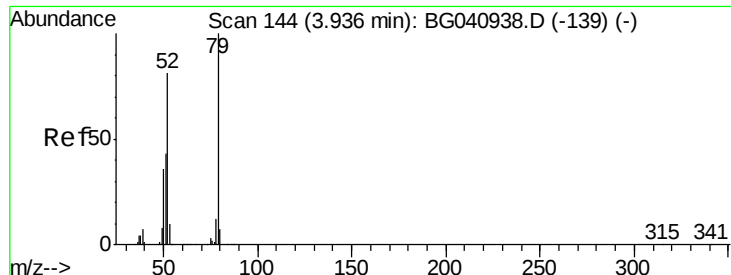
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





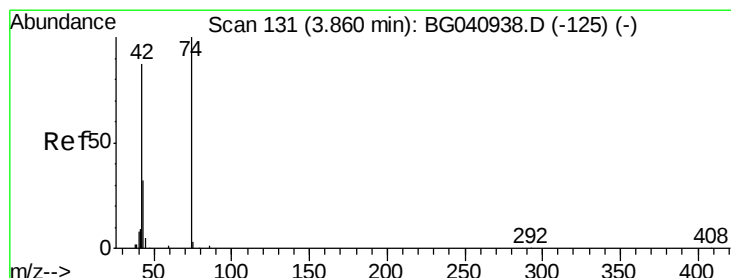
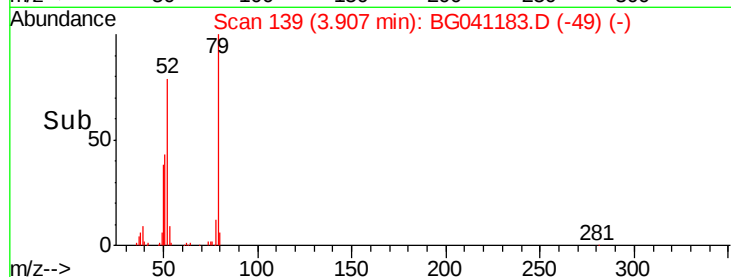
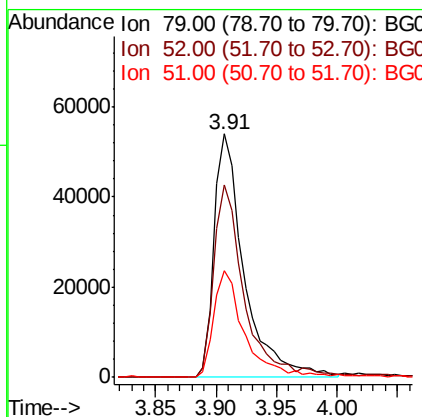
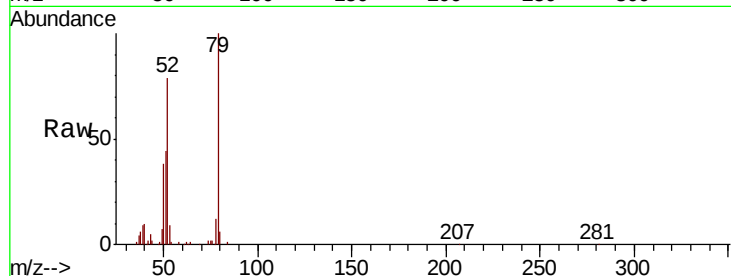
#3
 Pvridine
 Concen: 36.726 ng
 RT: 3.91 min Scan# 139
 Delta R.T. -0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

Tot Ion:	79	Resp:	92877
Ion Ratio	Lower	Upper	
79	100		
52	79.1	64.8	97.2
51	43.8	35.3	52.9

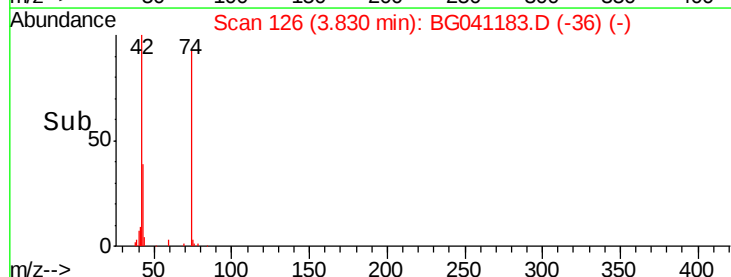
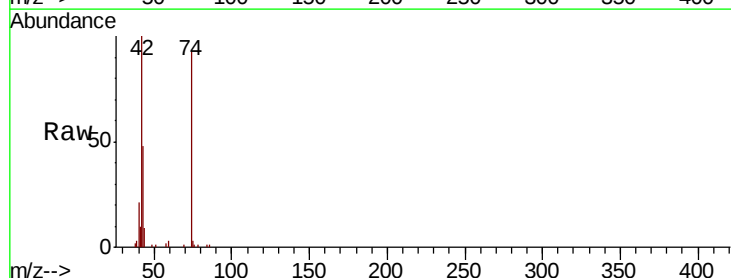
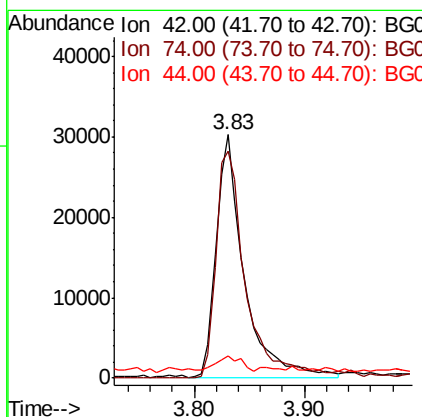
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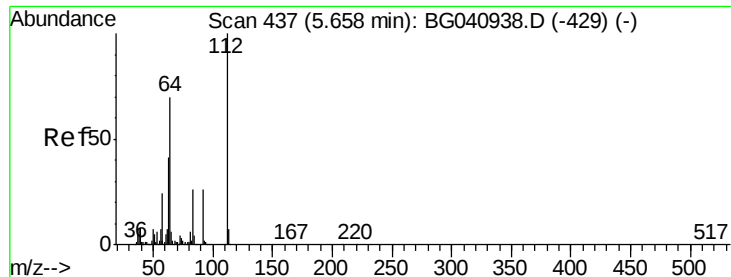
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#4
 n-Nitrosodimethylamine
 Concen: 45.594 ng
 RT: 3.83 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Tgt Ion:	42	Resp:	53513
Ion Ratio	Lower	Upper	
42	100		
74	93.2	91.8	137.6
44	9.0	6.0	9.0





#5

2-Fluorophenol

Concen: 137.659 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

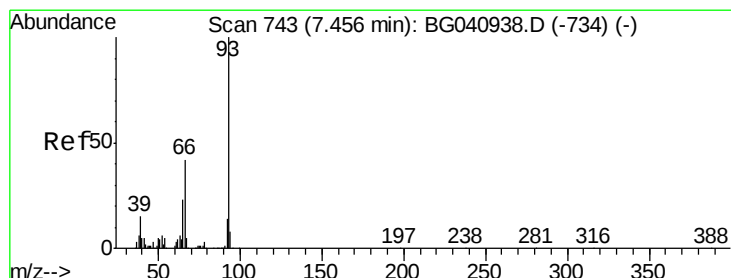
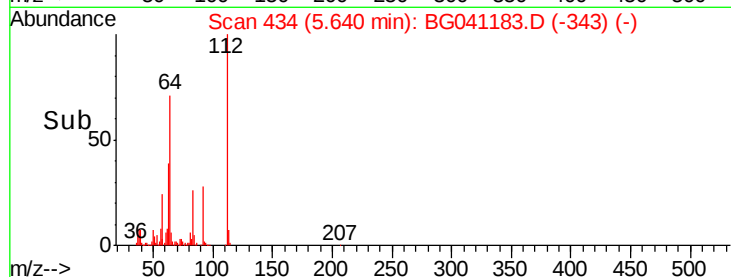
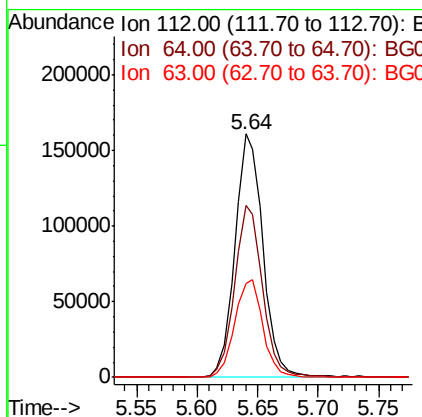
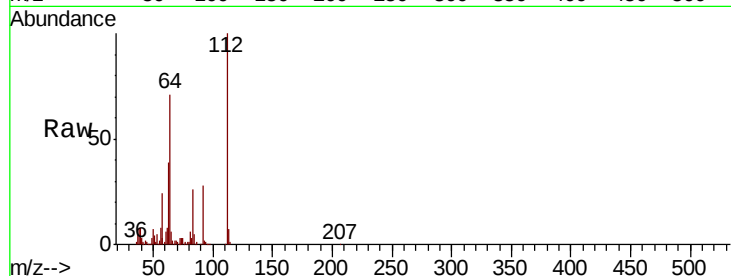
ClientSampleId :

PB120413BS

Tot Ion:	112	Resp:	259269
Ion Ratio	Lower	Upper	
112	100		
64	70.8	56.2	84.2
63	38.7	32.8	49.2

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#6

Aniline

Concen: 24.155 ng

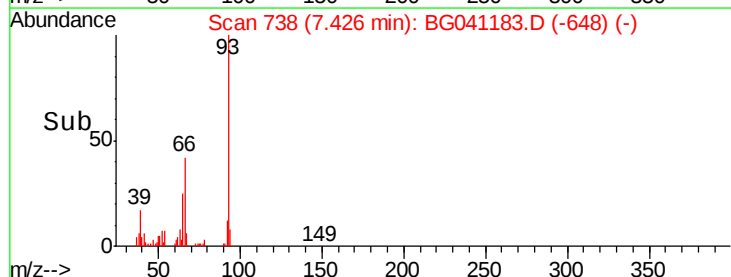
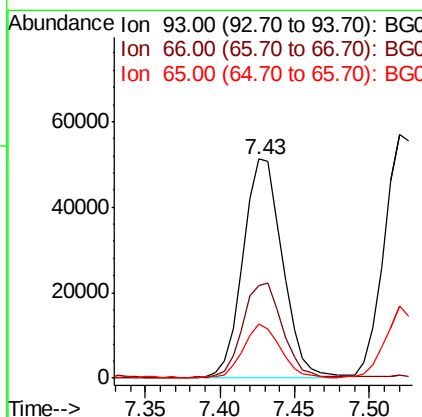
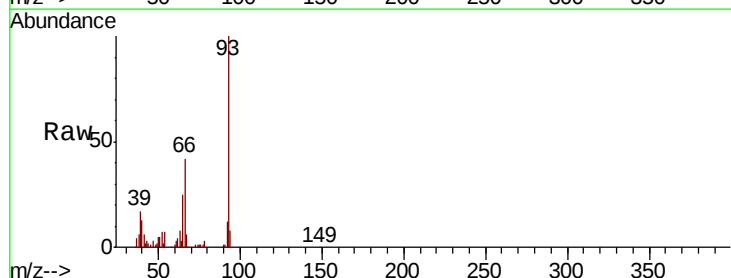
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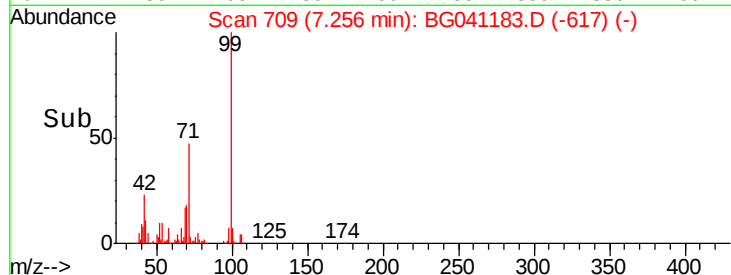
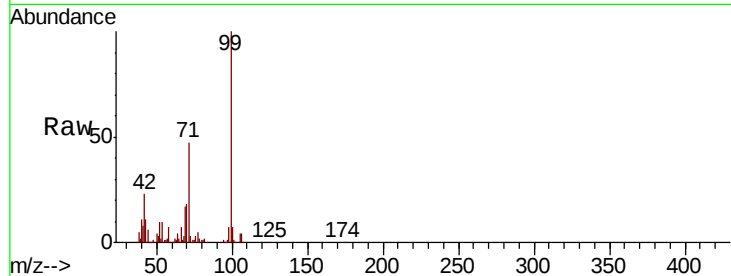
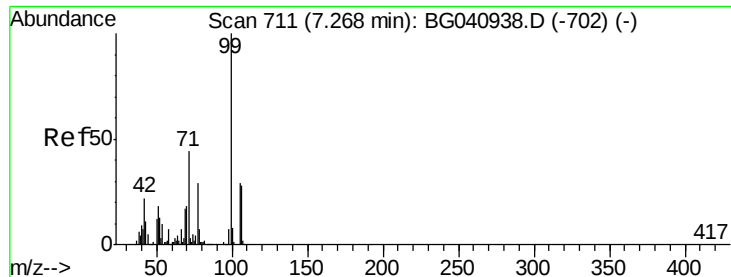
Delta R.T. -0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Tgt Ion:	93	Resp:	93782
Ion Ratio	Lower	Upper	
93	100		
66	42.2	33.8	50.8
65	24.9	18.3	27.5





#7

Phenol-d6

Concen: 130.994 ng

RT: 7.26 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Tot Ion:	99	Resp:	381027
Ion Ratio	Lower	Upper	
99	100		
42	22.8	17.9	26.9
71	46.6	35.4	53.0

Instrument :

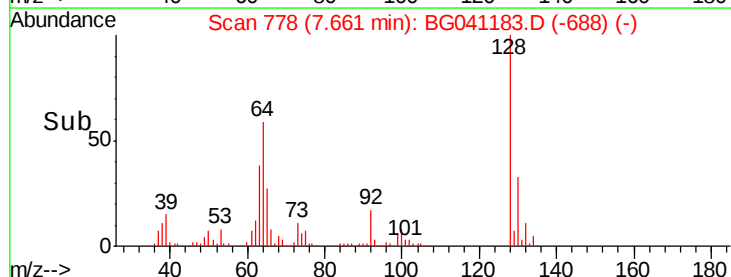
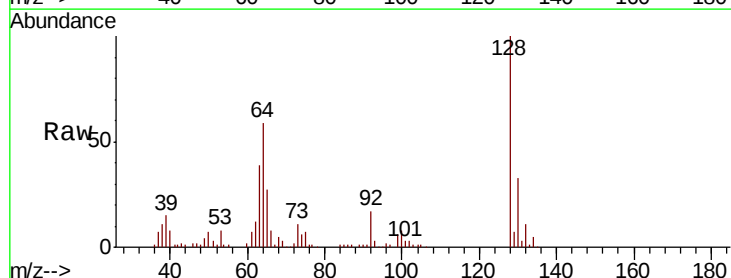
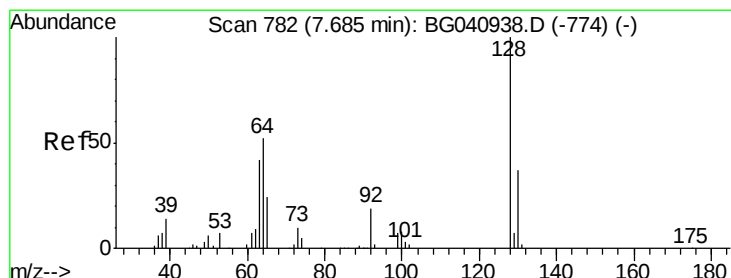
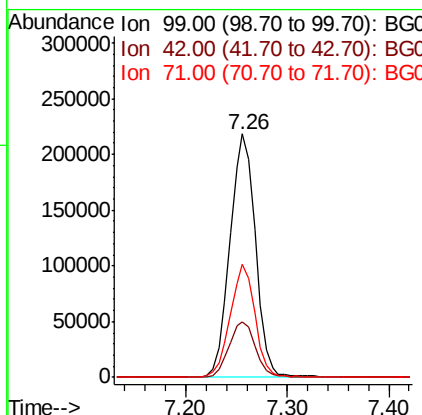
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ClientSampleId :

PB120413BS

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#8

2-Chlorophenol

Concen: 47.261 ng

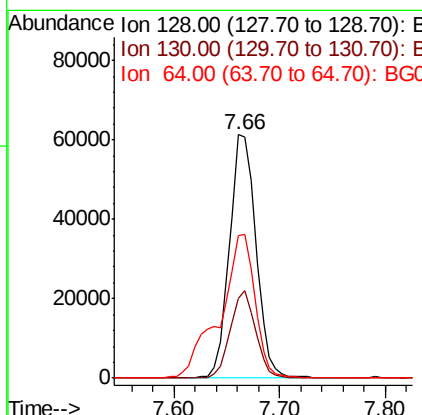
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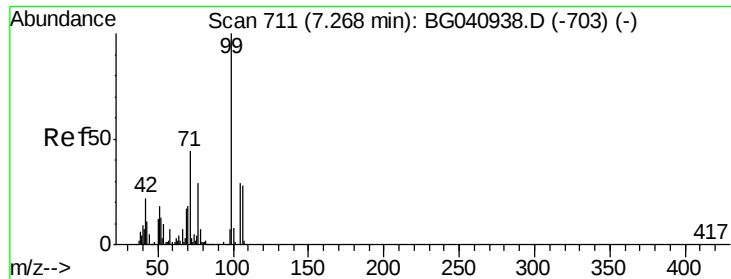
Delta R.T. -0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Tgt Ion:	128	Resp:	106120
Ion Ratio	Lower	Upper	
128	100		
130	32.7	16.6	56.6
64	58.6	37.8	77.8





#9

Benzaldehyde

Concen: 17.117 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

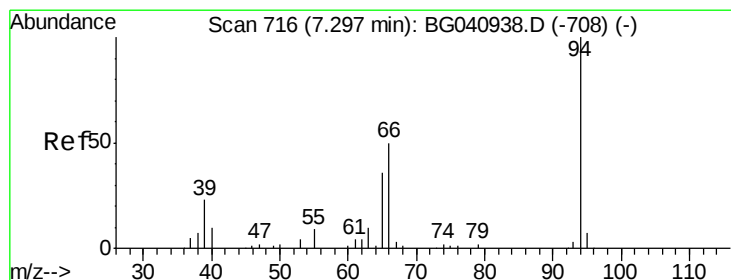
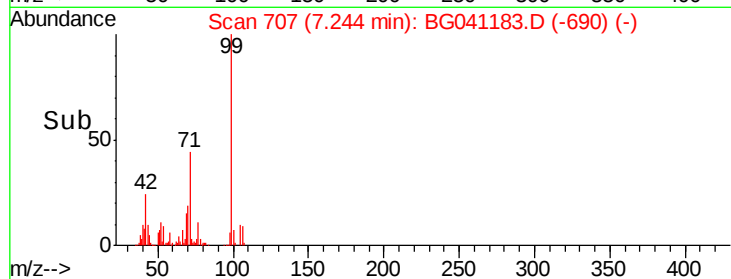
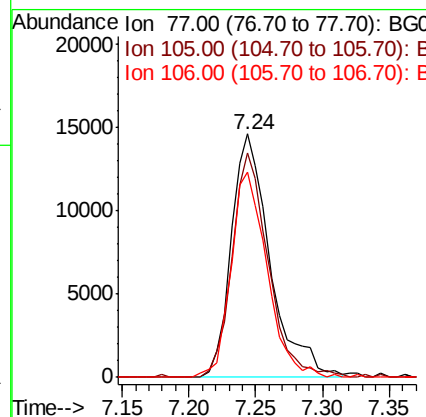
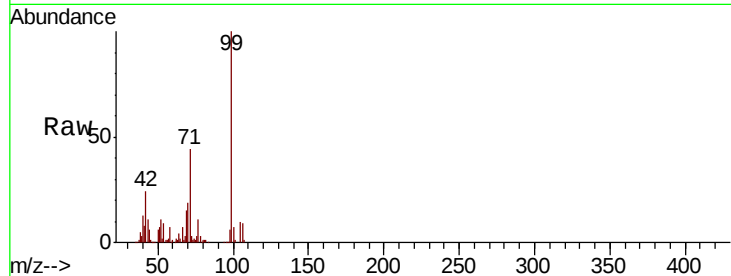
ClientSampleId :

PB120413BS

Tot Ion:	77	Resp:	29701
Ion	Ratio	Lower	Upper
77	100		
105	92.3	78.9	118.9
106	84.2	76.7	116.7

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#10

Phenol

Concen: 46.091 ng

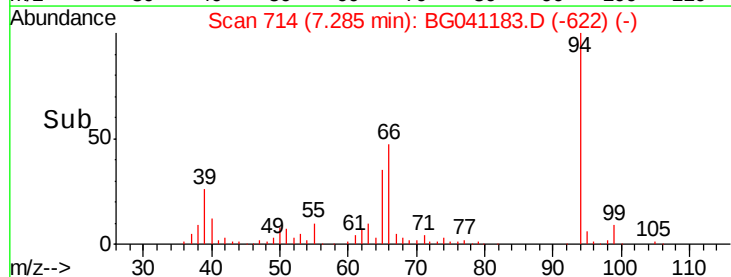
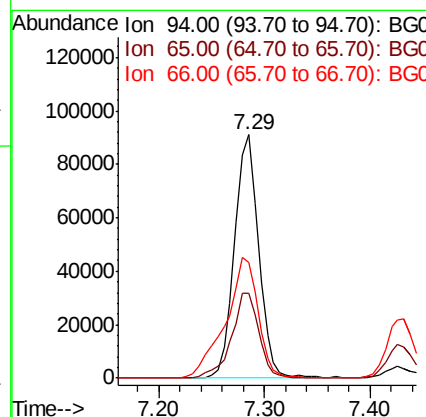
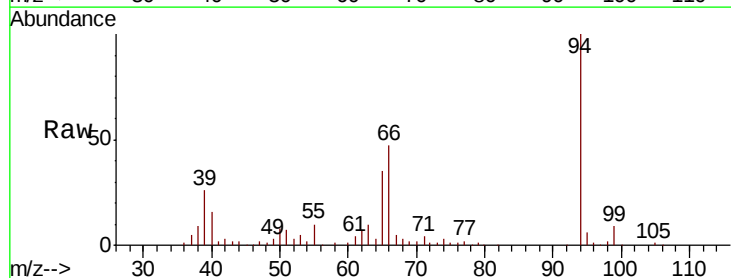
RT: 7.29 min Scan# 714

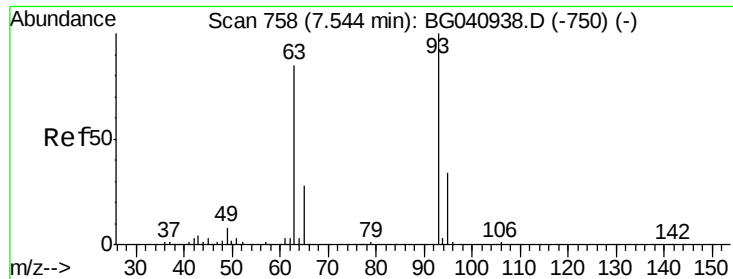
Delta R.T. 0.01 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Tgt Ion:	94	Resp:	143747
Ion	Ratio	Lower	Upper
94	100		
65	34.8	17.0	57.0
66	47.3	32.4	72.4





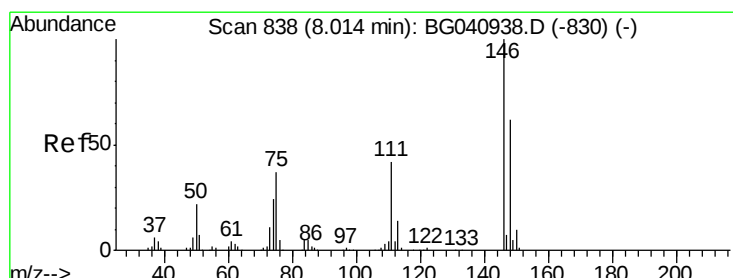
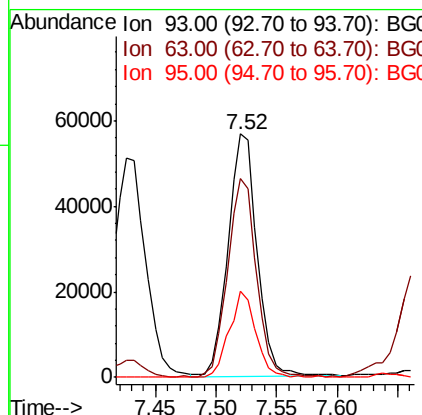
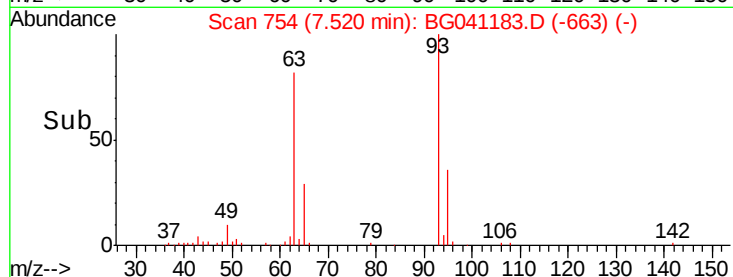
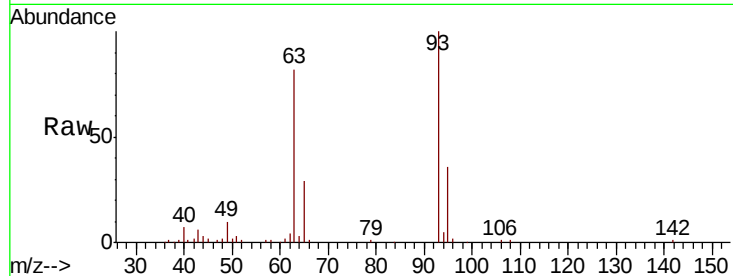
#11
bis(2-Chloroethyl)ether
Concen: 41.918 ng
RT: 7.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.6	64.5	104.5
95	35.5	13.3	53.3

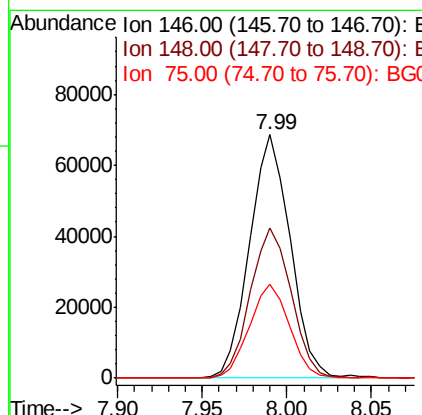
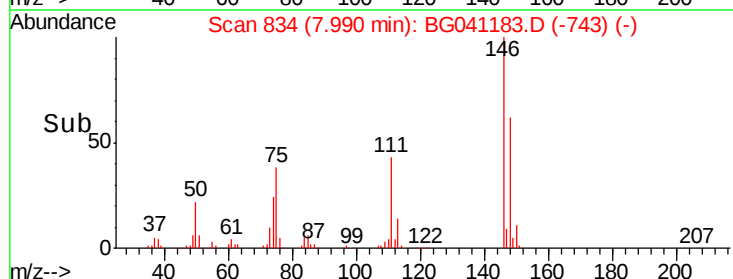
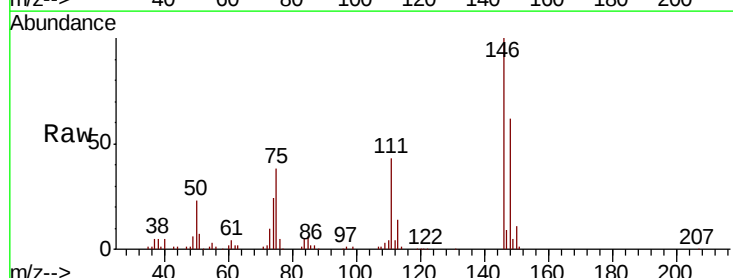
Manual Integrations
APPROVED

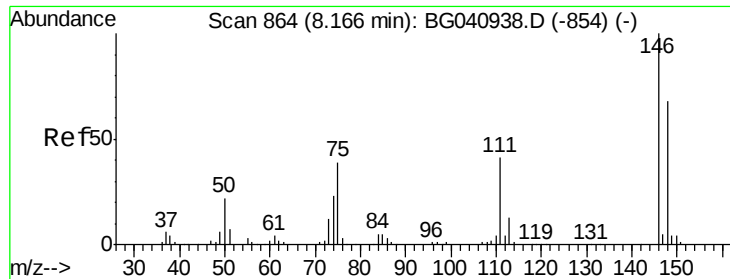
mohammad
6/14/2019 8:38:19 AM



#12
1,3-Dichlorobenzene
Concen: 42.722 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	49.2	73.8
75	38.4	29.4	44.0





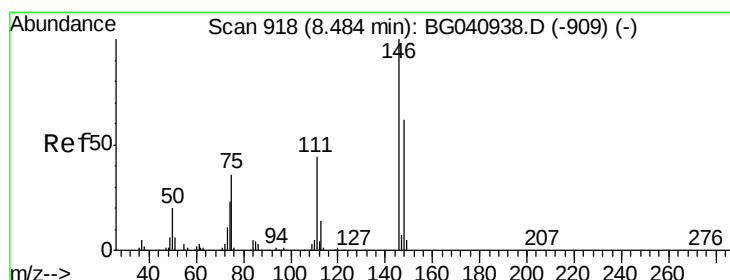
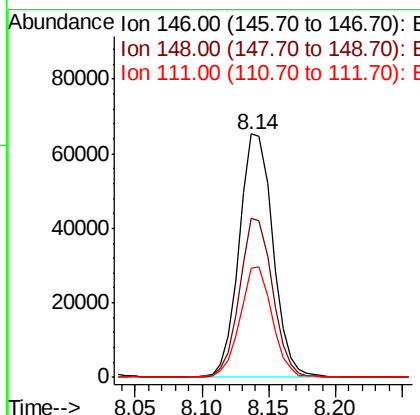
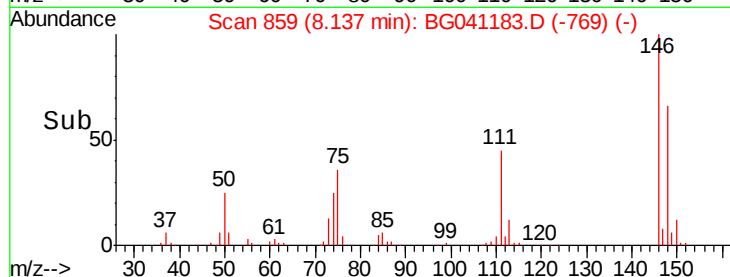
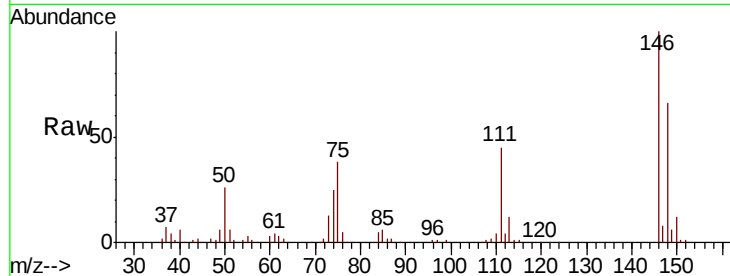
#13
 1,4-Dichlorobenzene
 Concen: 42.102 ng
 RT: 8.14 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	54.2	81.4
111	44.9	32.9	49.3

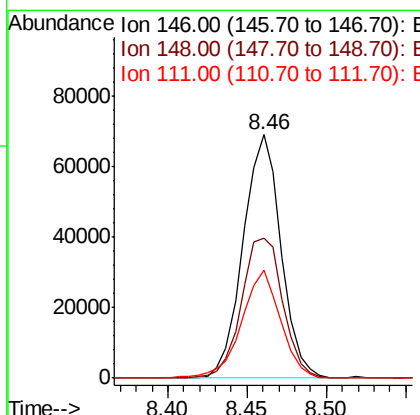
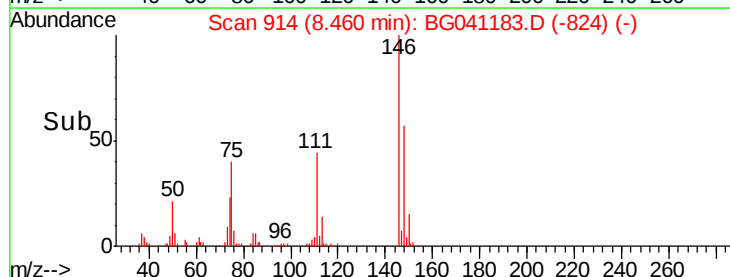
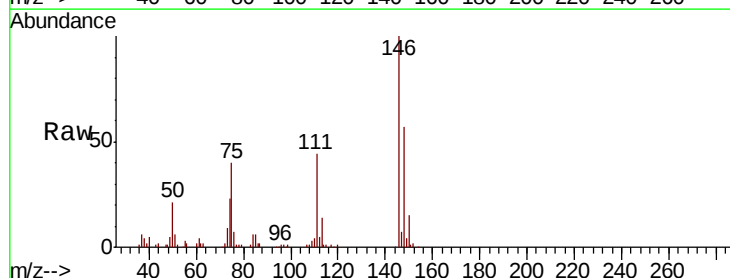
Manual Integrations
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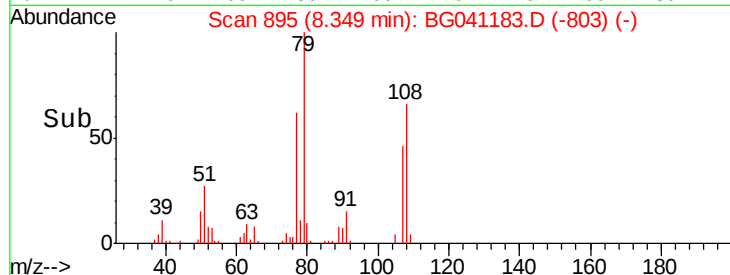
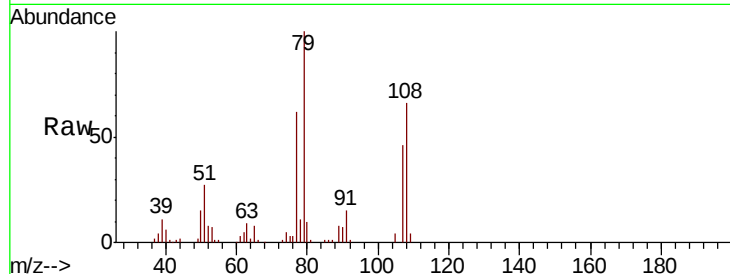
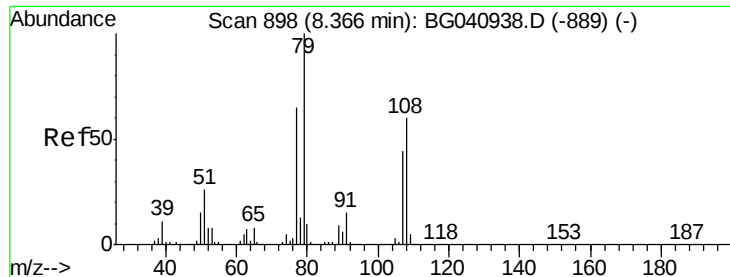
mohammad
 6/14/2019 8:38:19 AM



#14
 1,2-Dichlorobenzene
 Concen: 43.379 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	57.4	49.8	74.6
111	44.5	35.0	52.4





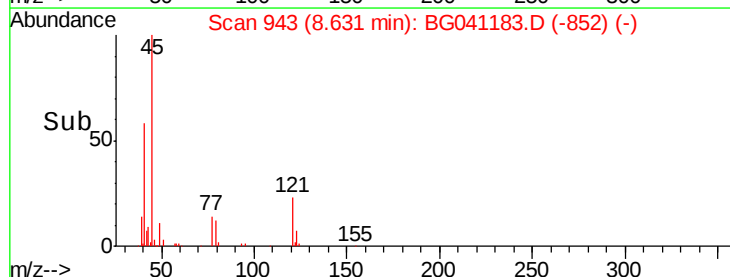
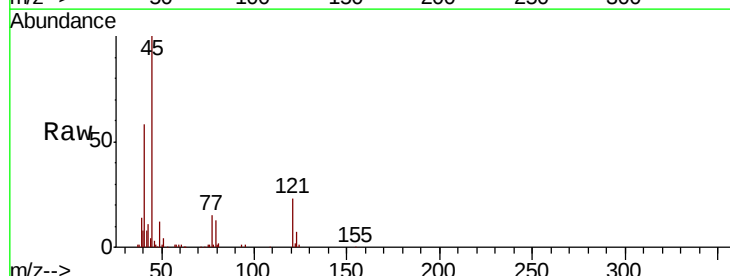
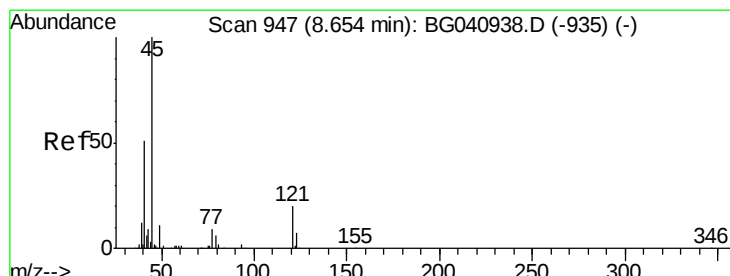
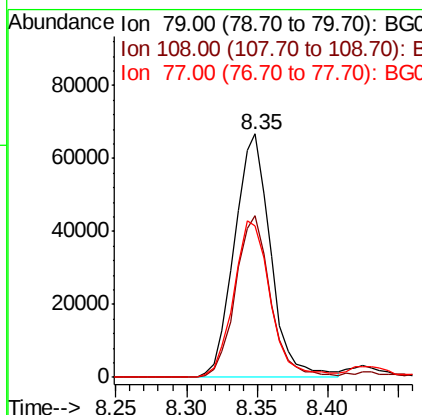
#15
Benzyl Alcohol
Concen: 44.401 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tot Ion:	79	Resp:	119471
Ion Ratio	Lower	Upper	
79	100		
108	66.4	48.3	72.5
77	62.2	52.3	78.5

Instrument :
BNA_G
ClientSampleId :
PB120413BS

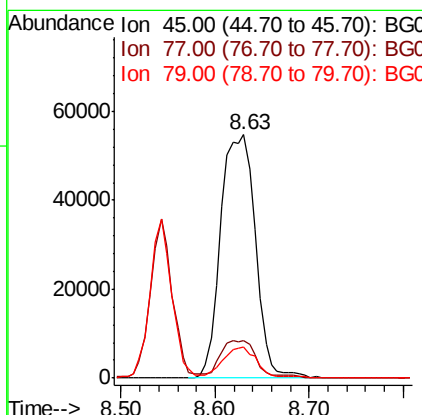
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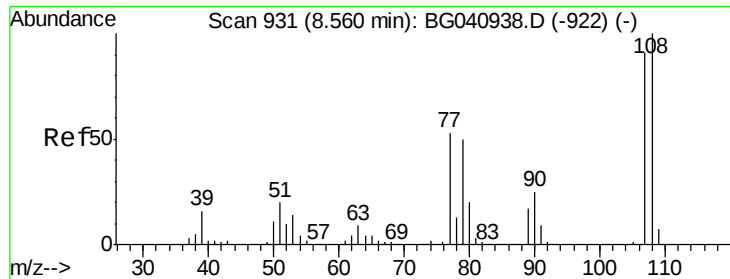
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.148 ng
RT: 8.63 min Scan# 943
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion:	45	Resp:	141035
Ion Ratio	Lower	Upper	
45	100		
77	15.2	0.0	33.7
79	12.8	0.0	30.2





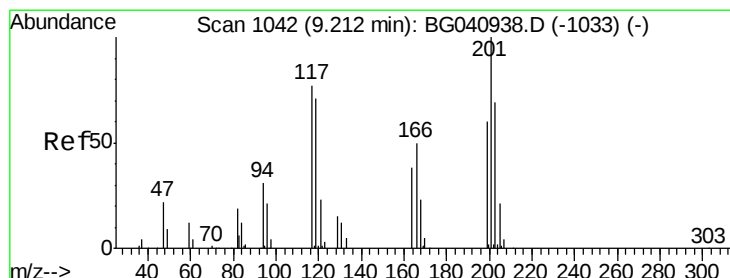
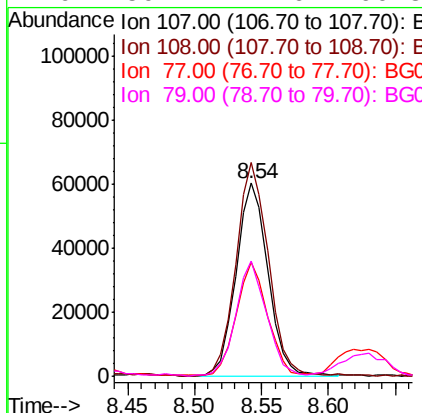
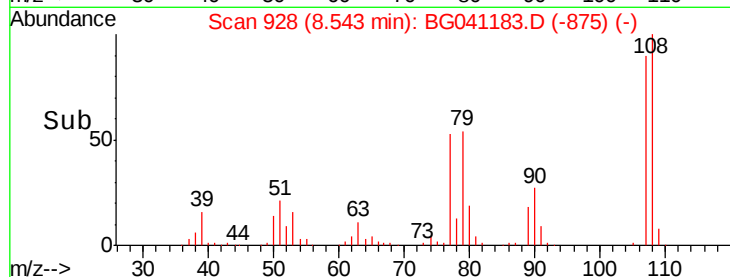
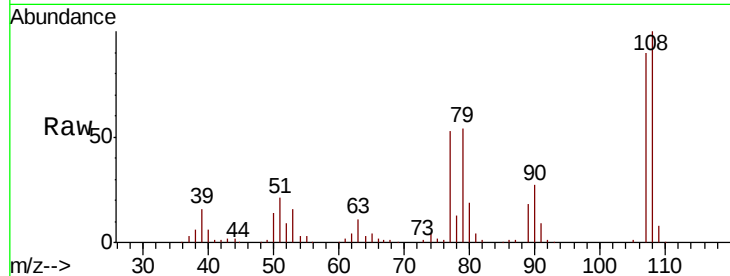
#17
2-Methylphenol
Concen: 44.456 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.6	87.7	131.5	
77	59.2	46.6	70.0	
79	59.4	44.6	66.8	

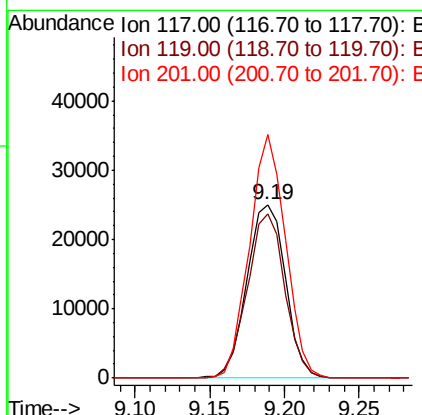
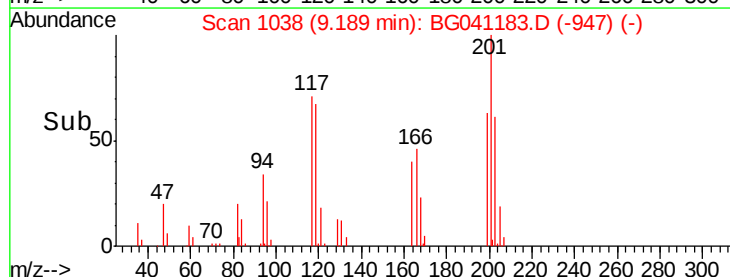
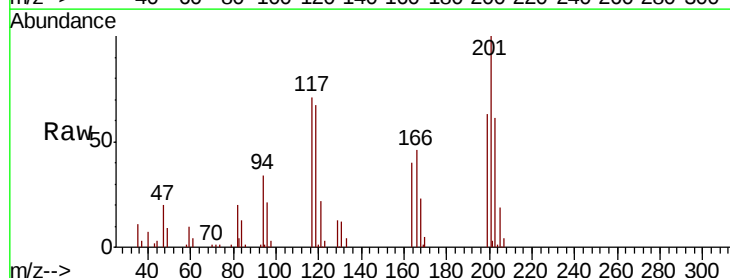
Manual Integrations
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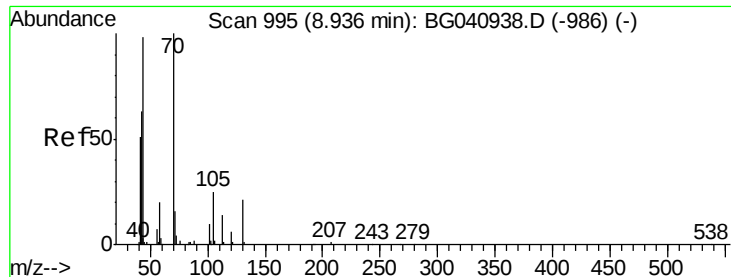
mohammad
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#18
Hexachloroethane
Concen: 42.515 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	75.0	112.6	
201	144.3	103.5	155.3	





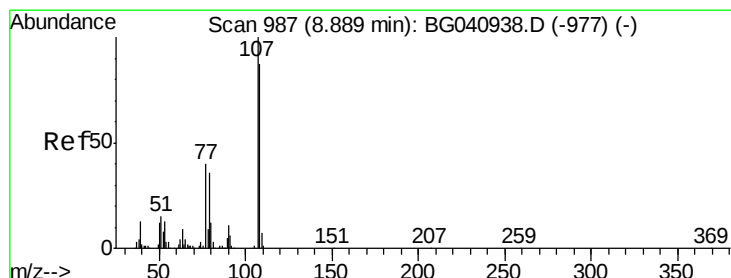
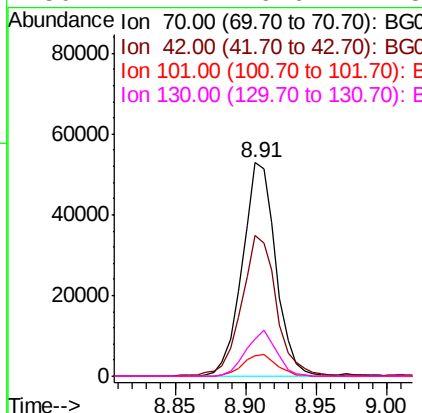
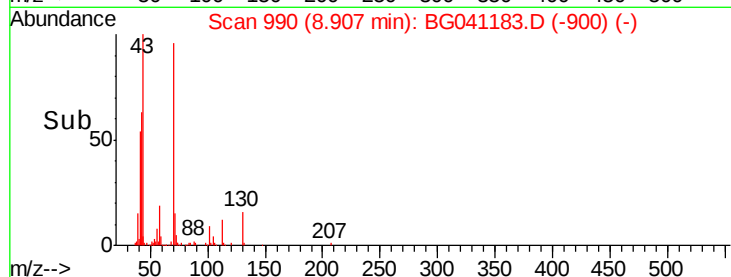
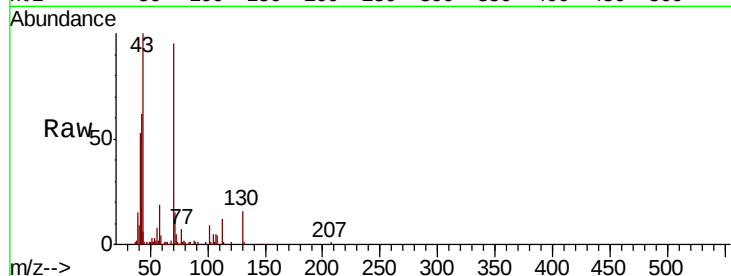
#19
n-Nitroso-di-n-propylamine
Concen: 39.143 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.1	51.5	77.3	
101	9.4	8.1	12.1	
130	17.1	16.6	24.8	

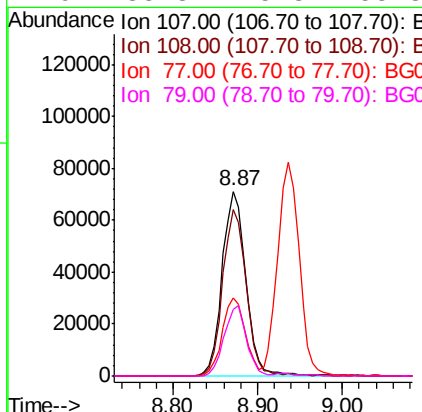
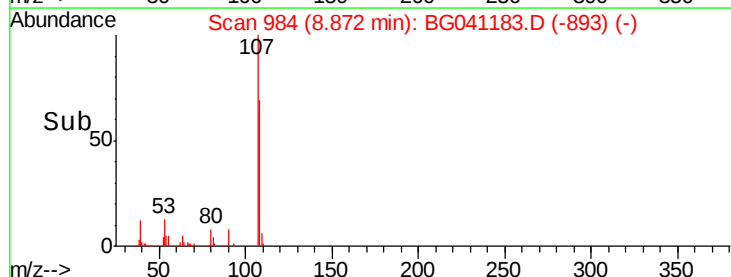
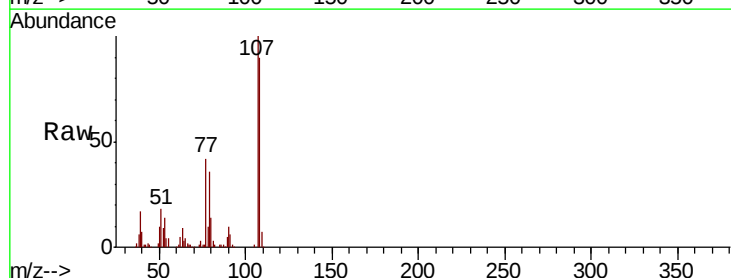
Manual Integrations
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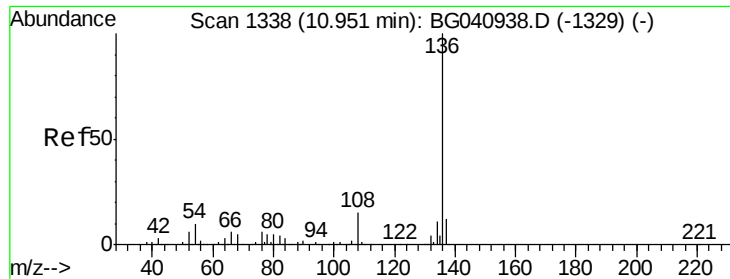
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#20
3+4-Methylphenols
Concen: 44.250 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.3	66.8	106.8	
77	42.3	20.5	60.5	
79	35.8	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: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

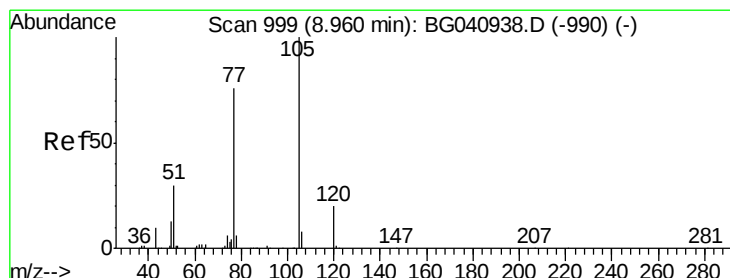
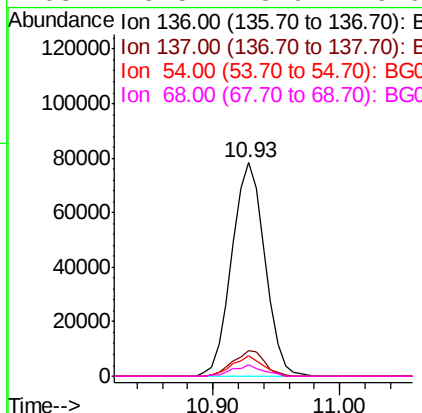
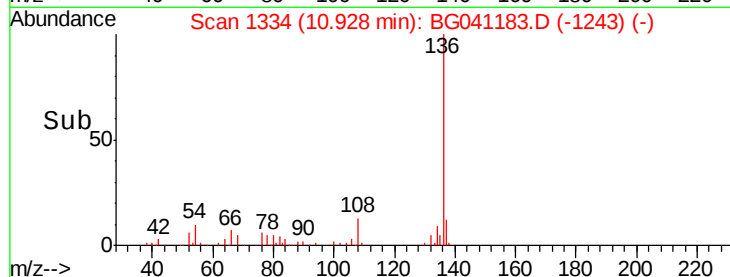
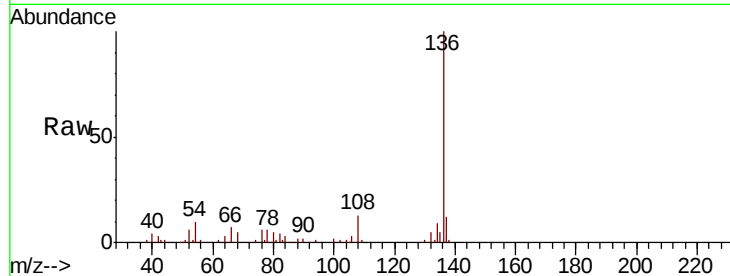
ClientSampleId :

PB120413BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	140612		
137	11.8	9.5	14.3	
54	9.6	7.6	11.4	
68	5.5	3.9	5.9	

Manual Integrations
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#22

Acetophenone

Concen: 44.245 ng

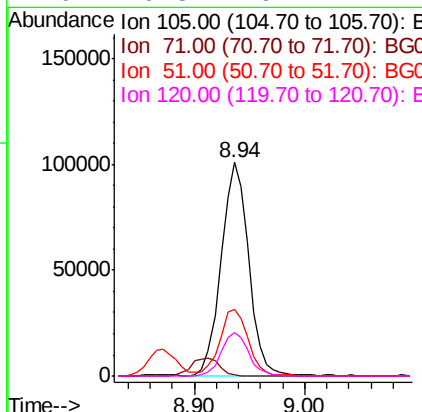
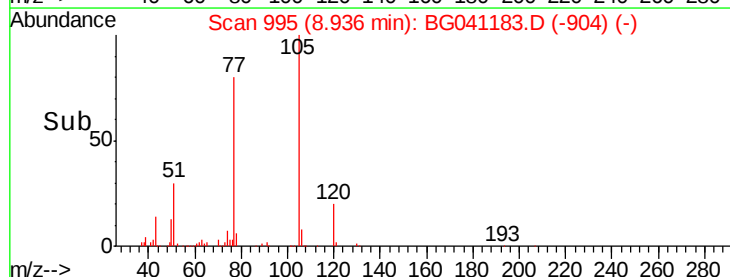
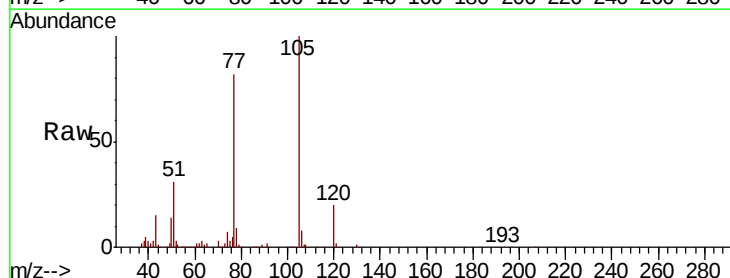
RT: 8.94 min Scan# 995

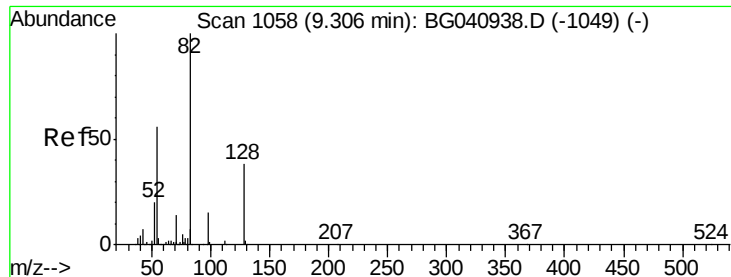
Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	174520		
71	0.3	0.4	0.6	
51	31.0	27.0	40.6	
120	20.3	16.2	24.4	





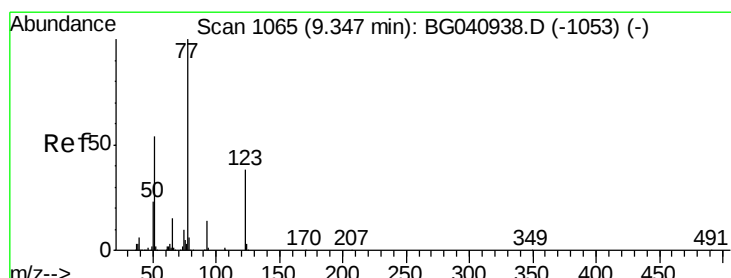
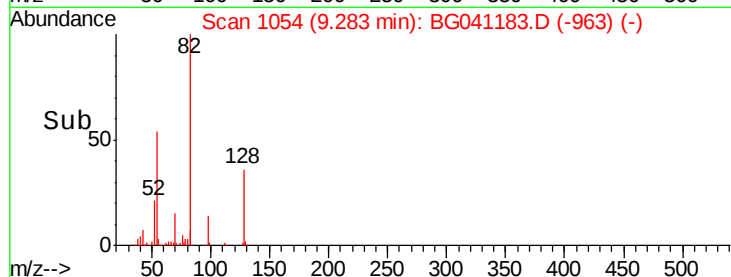
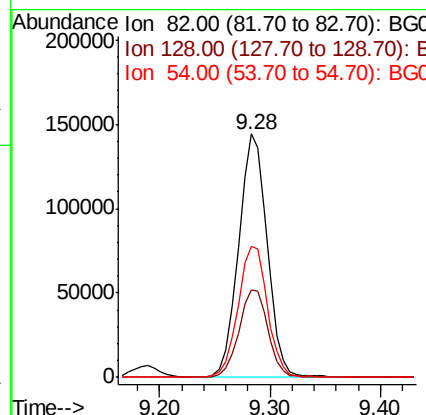
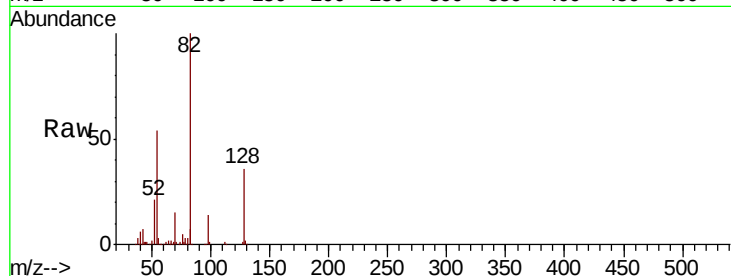
#23
 Nitrobenzene-d5
 Concen: 82.841 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	262391		
128	36.0		30.5	45.7
54	54.1		44.6	66.8

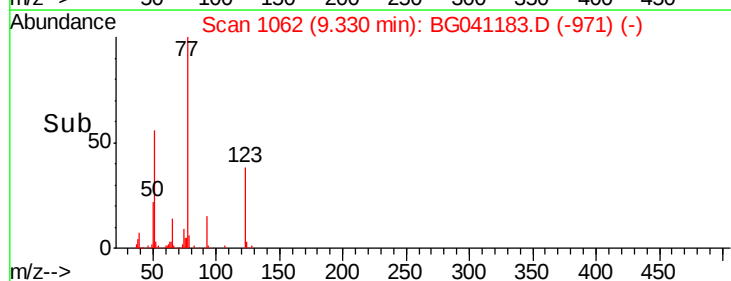
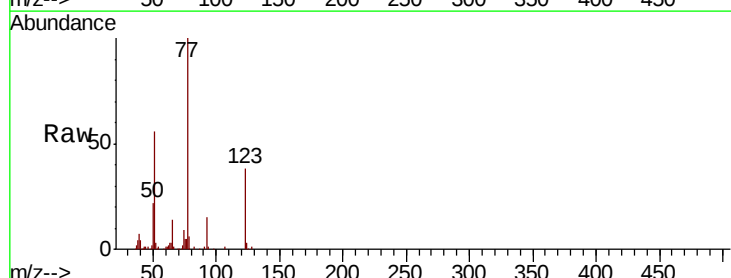
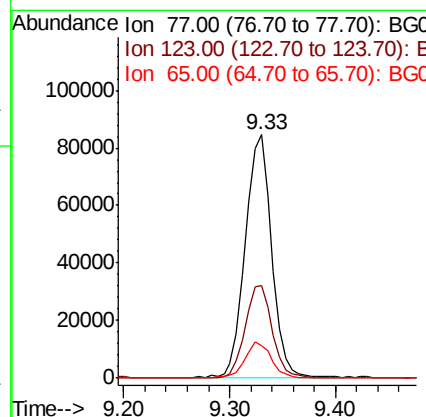
Manual Integrations
 APPROVED

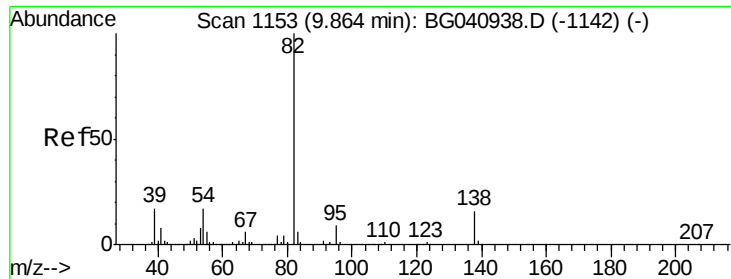
mohammad
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#24
 Nitrobenzene
 Concen: 45.728 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	147603		
123	38.0		30.6	46.0
65	13.5		12.3	18.5





#25

Isophorone

Concen: 42.344 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

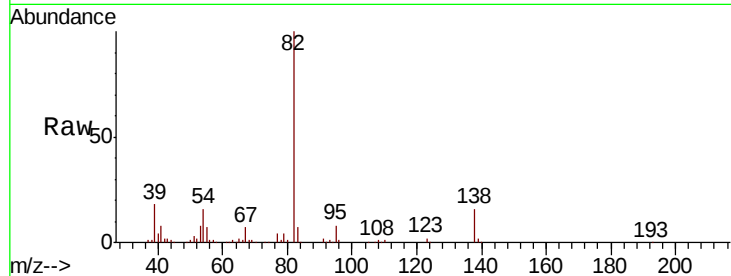
ClientSampleId :

PB120413BS

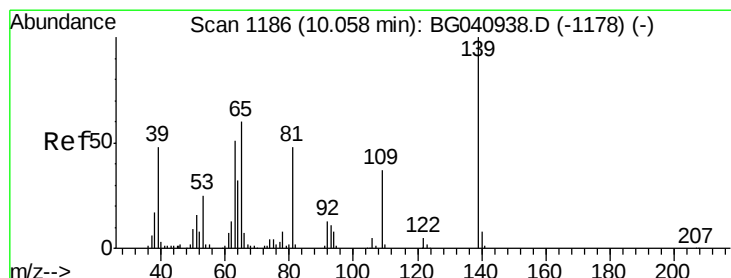
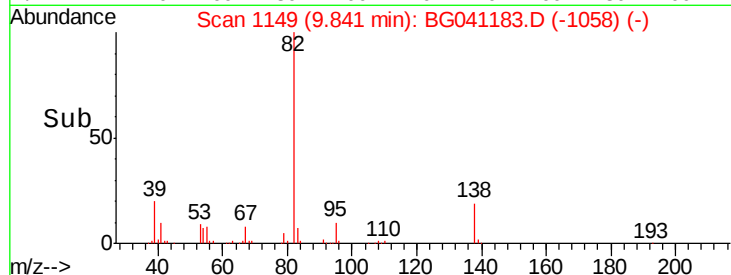
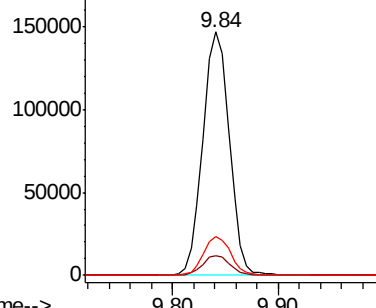
Tot Ion:	82	Resp:	255239
Ion Ratio	Lower	Upper	
82	100		
95	8.2	7.0	10.4
138	15.9	12.6	19.0

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



#26

2-Nitrophenol

Concen: 48.807 ng

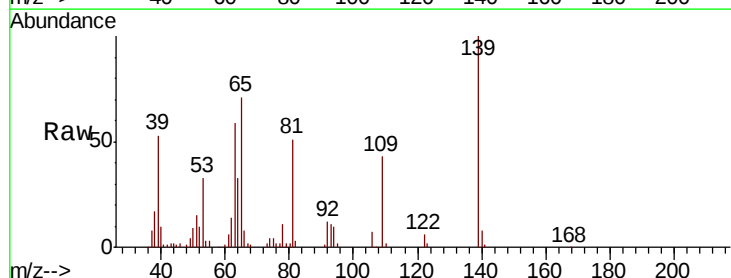
RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

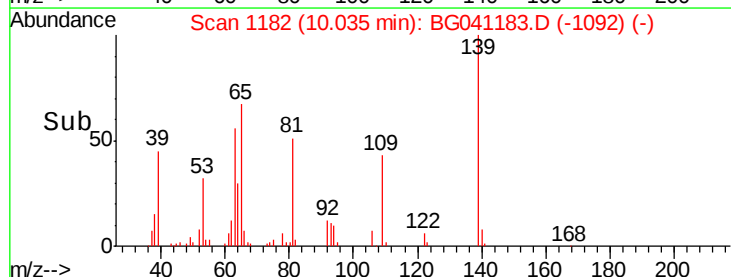
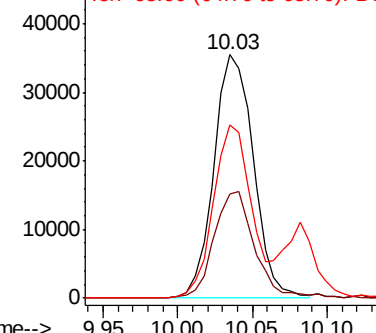
Lab File: BG041183.D

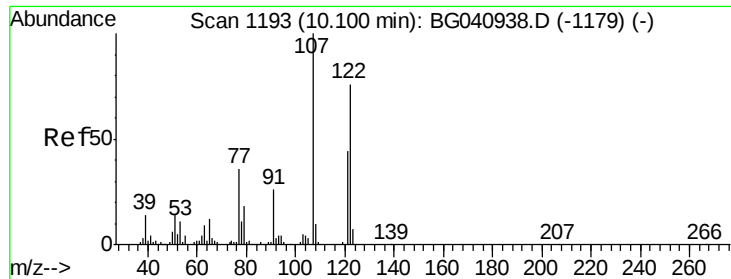
Acq: 11 Jun 2019 11:00

Tgt Ion:	139	Resp:	64947
Ion Ratio	Lower	Upper	
139	100		
109	42.6	29.8	44.6
65	71.3	47.8	71.6



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





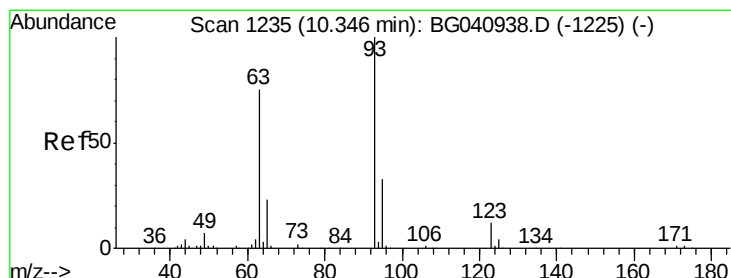
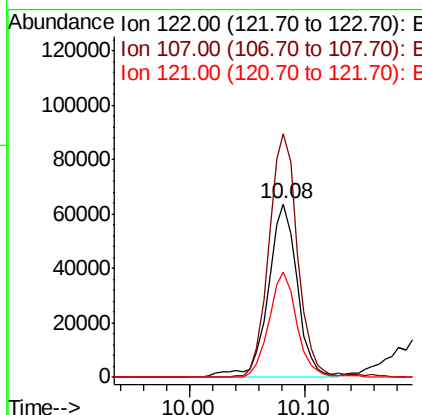
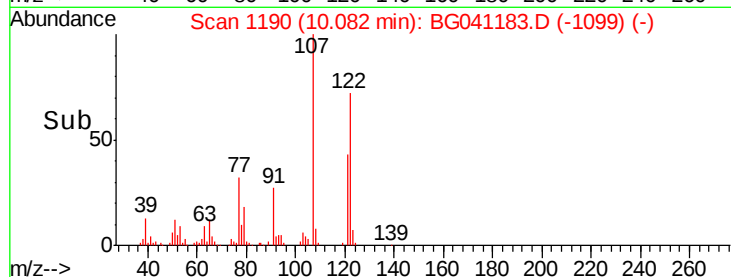
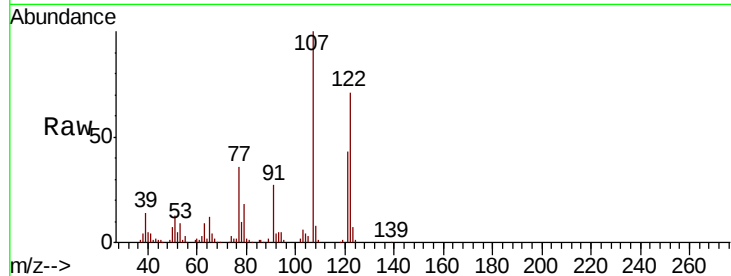
#27
 2,4-Dimethylphenol
 Concen: 51.227 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	140.1	105.9	158.9
121	60.7	46.2	69.4

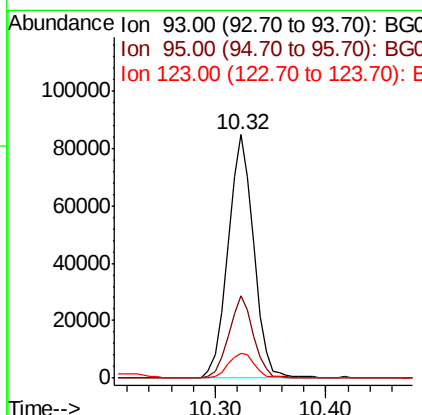
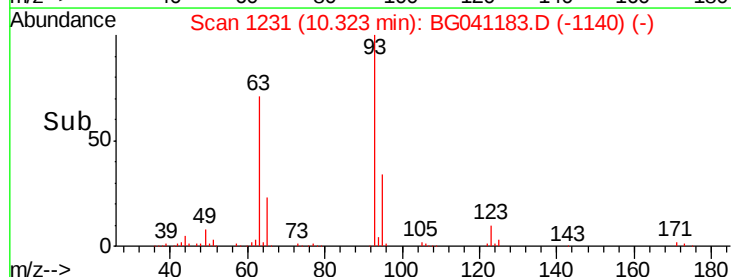
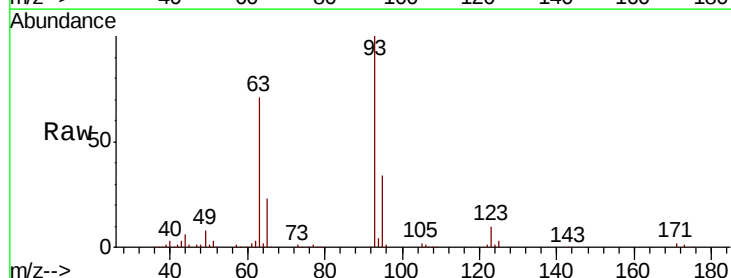
Manual Integrations
 APPROVED

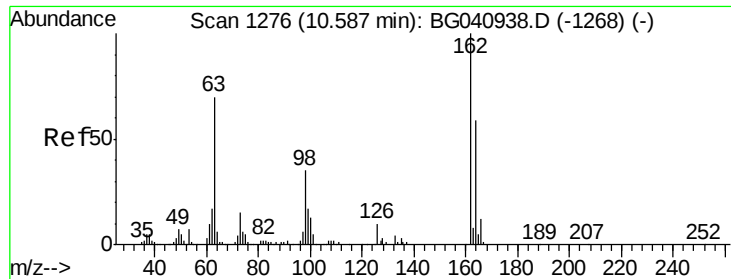
mohammad
 6/14/2019 8:38:19 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.430 ng
 RT: 10.32 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.2	39.2
123	10.3	9.5	14.3





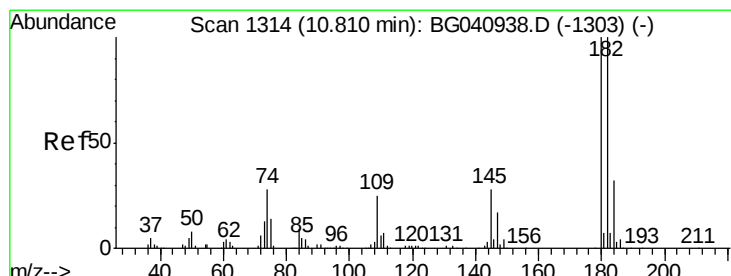
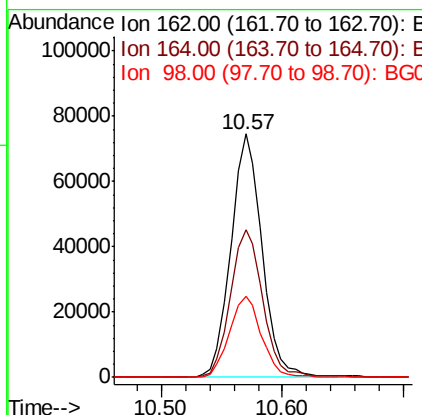
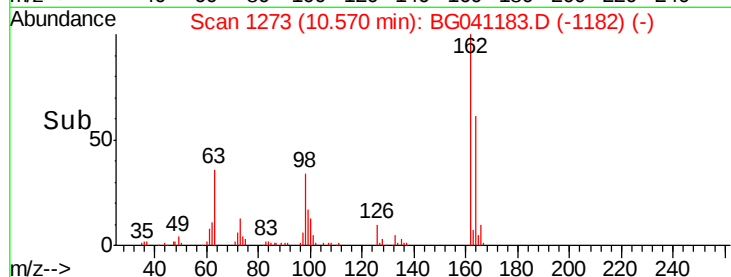
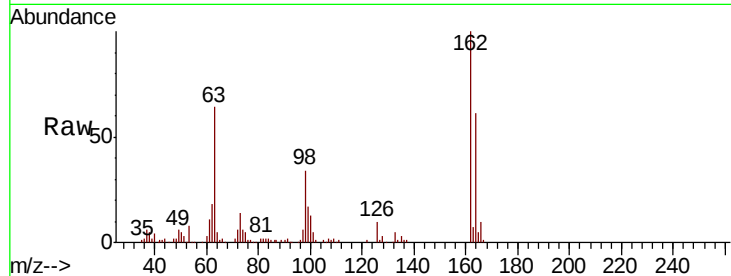
#29
2,4-Dichlorophenol
Concen: 47.969 ng
RT: 10.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	133871		
164	60.8	39.4	79.4	
98	33.5	15.3	55.3	

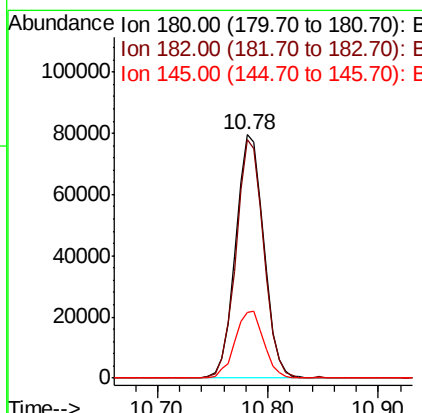
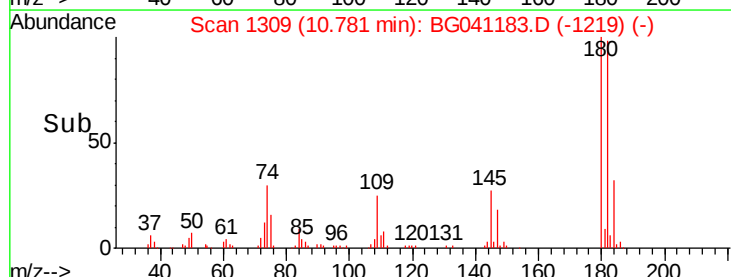
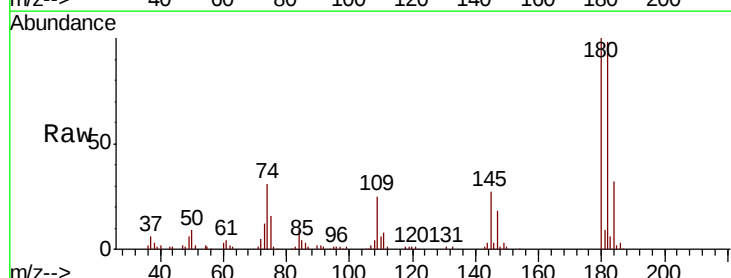
Manual Integrations
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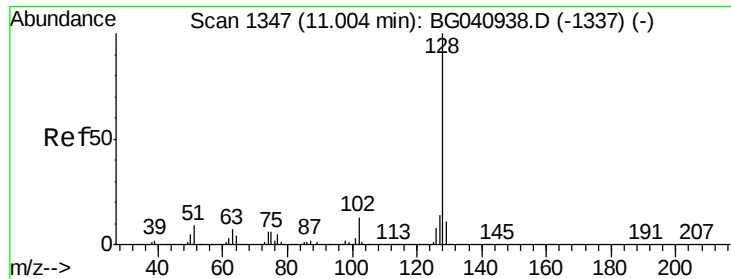
mohammad
6/14/2019 8:38:19 AM



#30
1,2,4-Trichlorobenzene
Concen: 44.874 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	142466		
182	97.9	79.7	119.5	
145	26.9	22.6	34.0	





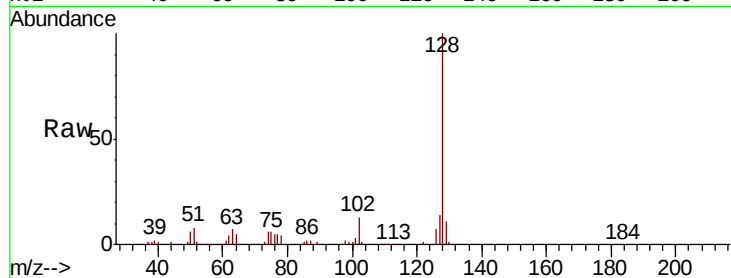
#31
Naphthalene
Concen: 46.023 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.5	12.7
127	13.8	11.4	17.2

Manual Integrations
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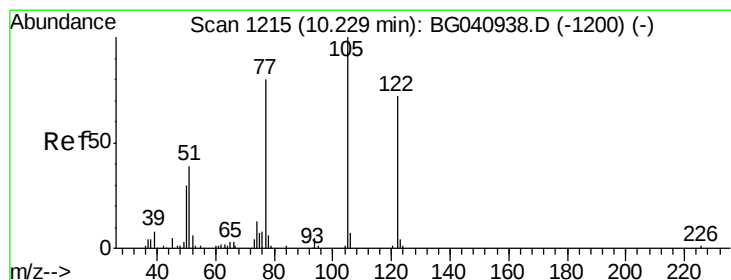
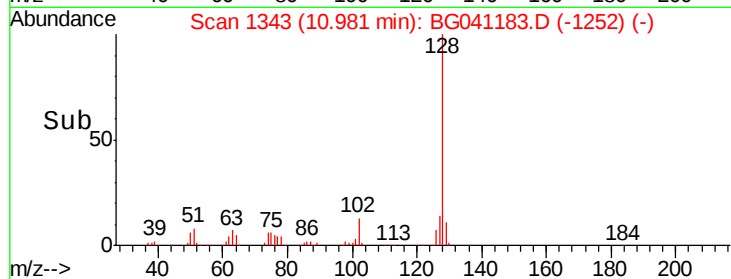
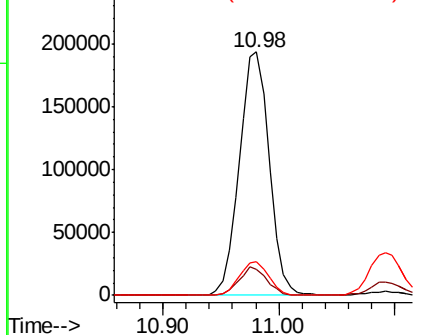


Abundance

Ion 128.00 (127.70 to 128.70): E

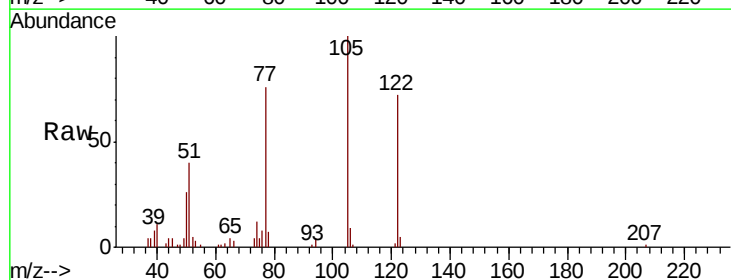
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 41.569 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.9	114.8	154.8
77	105.2	89.9	129.9

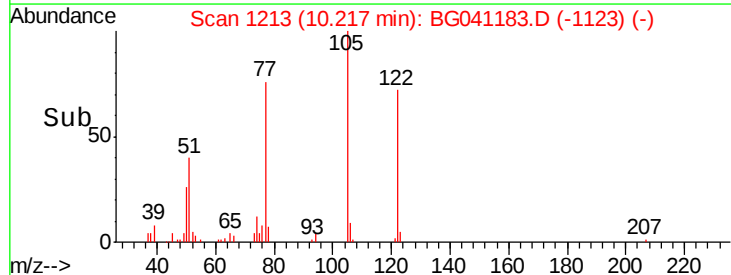
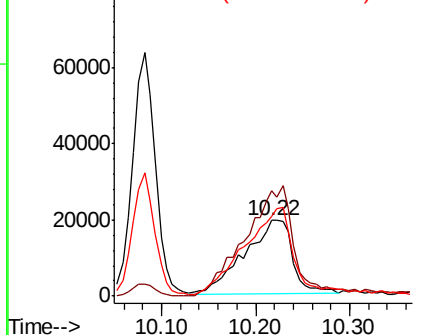


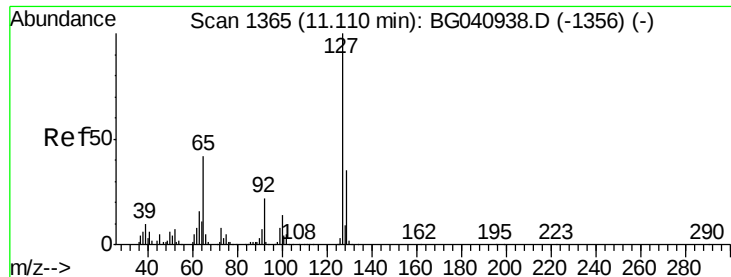
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





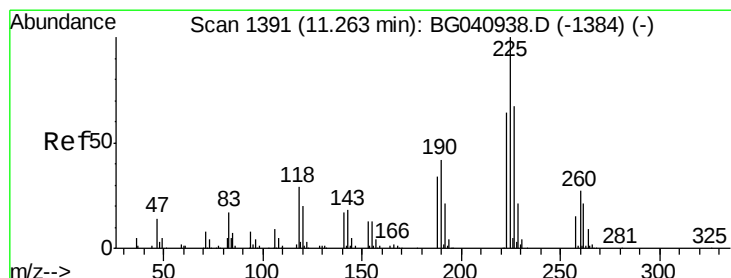
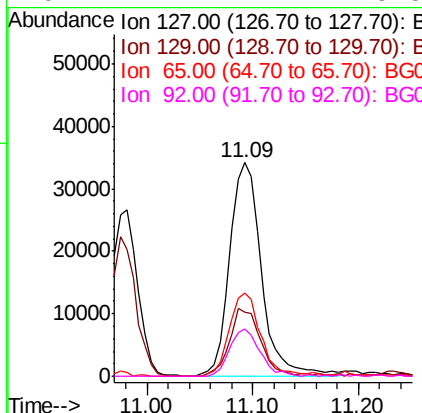
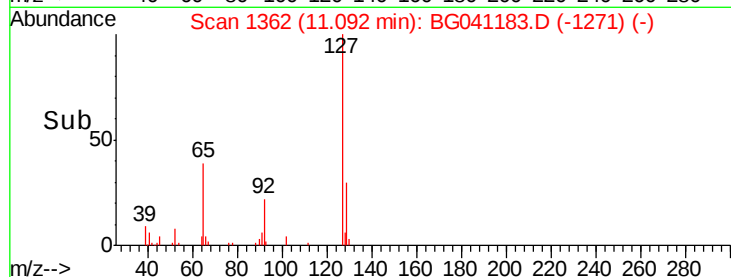
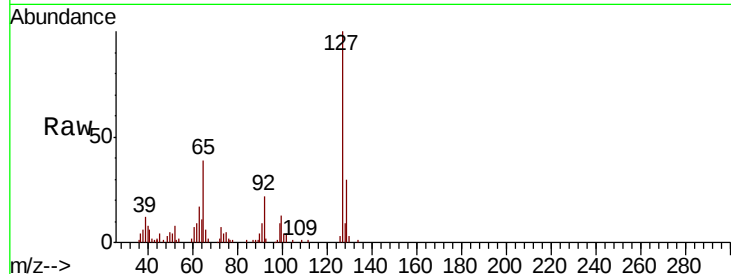
#33
4-Chloroaniline
Concen: 20.336 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.9	27.7	41.5		
65	39.1	33.2	49.8		
92	22.2	17.2	25.8		

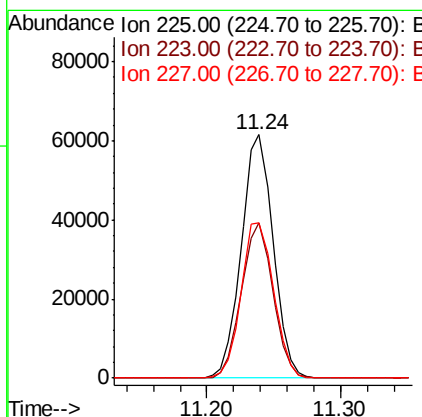
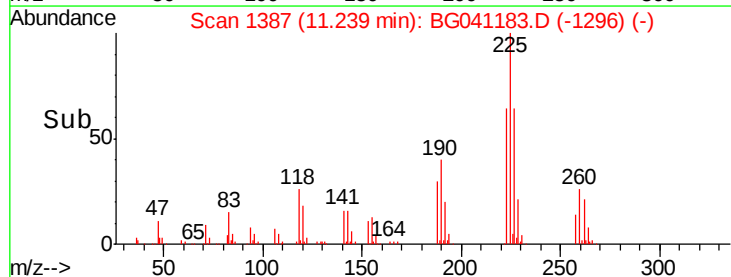
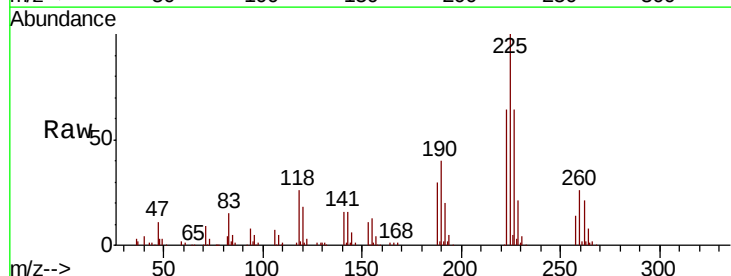
Manual Integrations
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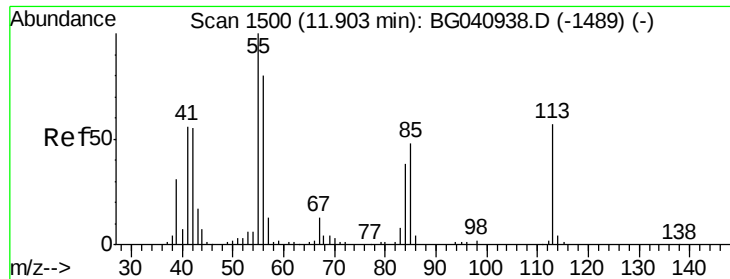
mohammad
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#34
Hexachlorobutadiene
Concen: 41.751 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	48.8	73.2		
227	66.3	51.4	77.0		





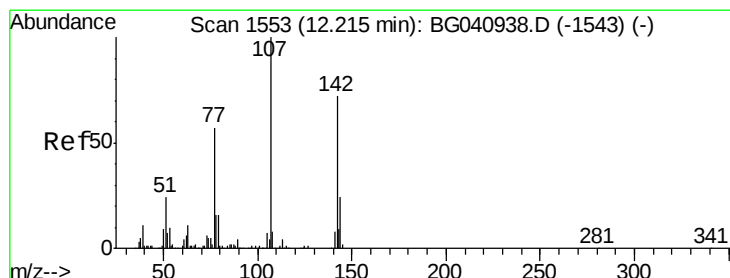
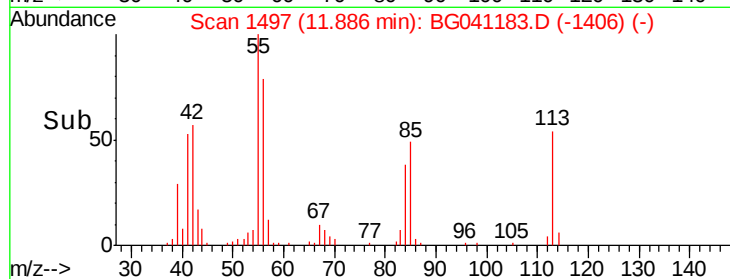
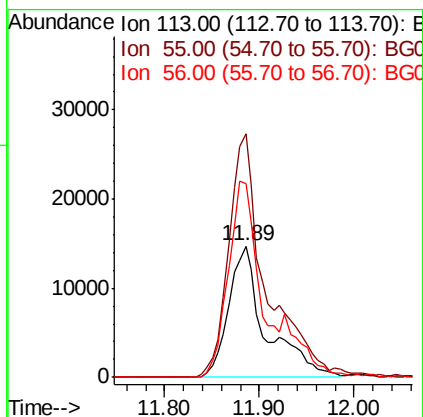
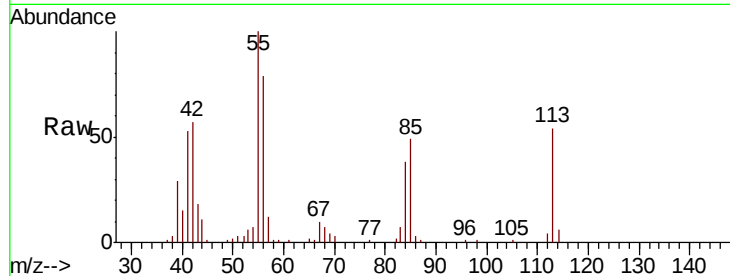
#35
 Caprolactam
 Concen: 43.442 ng/ml
 RT: 11.89 min Scan# 1497
 Delta R.T. 0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Instrument :
 BNA_G
 ClientSampleID :
 PB120413BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	185.3	155.9	195.9
56	147.0	119.9	159.9

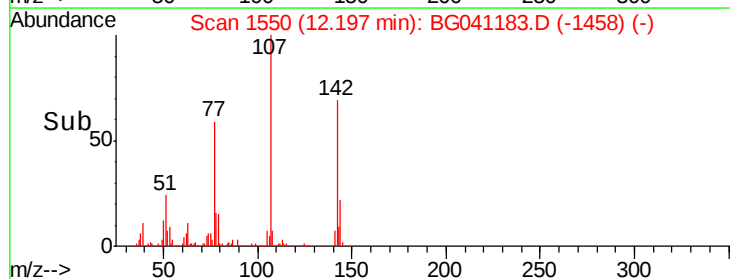
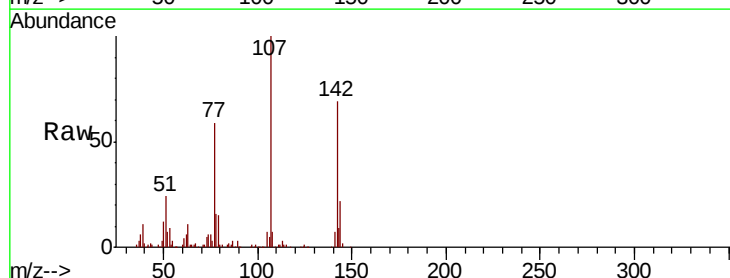
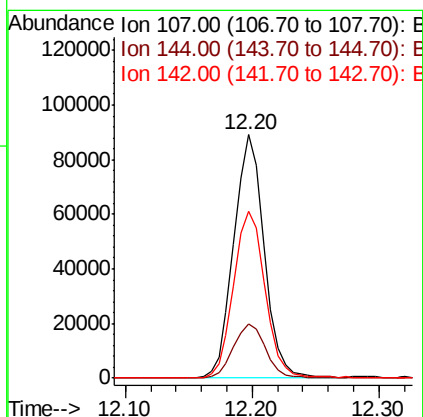
Manual Integrations
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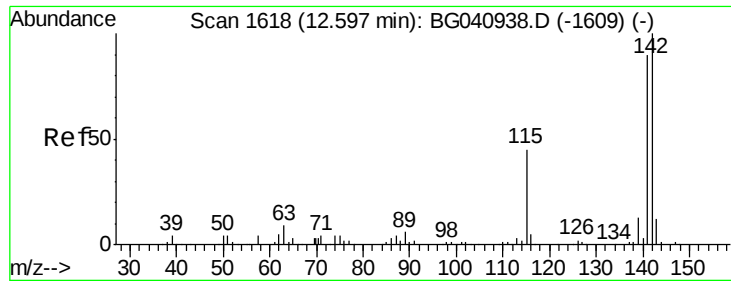
mohammad
 6/14/2019 8:38:19 AM



#36
 4-Chloro-3-methylphenol
 Concen: 46.501 ng/ml
 RT: 12.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.2	19.4	29.0
142	68.7	57.3	85.9





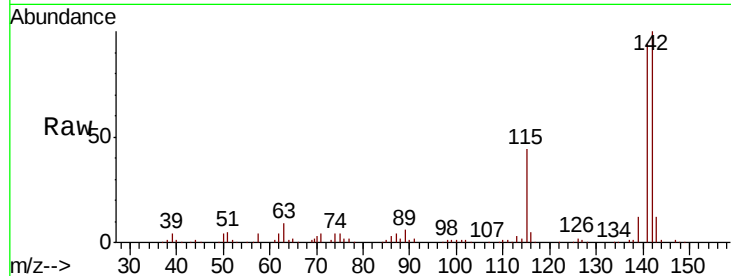
#37
2-Methylnaphthalene
Concen: 46.713 ng
RT: 12.57 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.6	72.2	108.4
115	44.1	36.2	54.4

Manual Integrations
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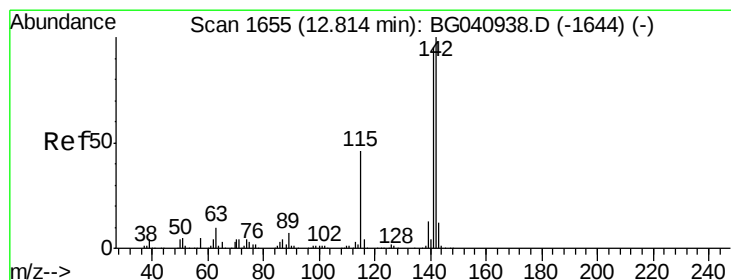
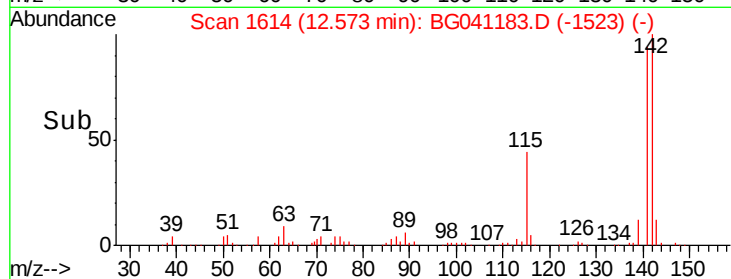
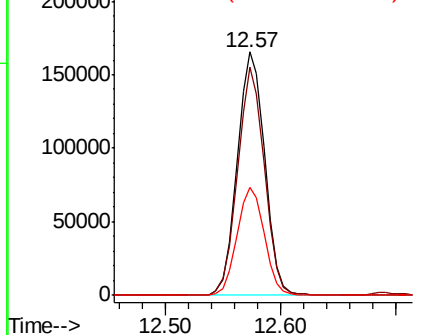


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 47.106 ng
RT: 12.80 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

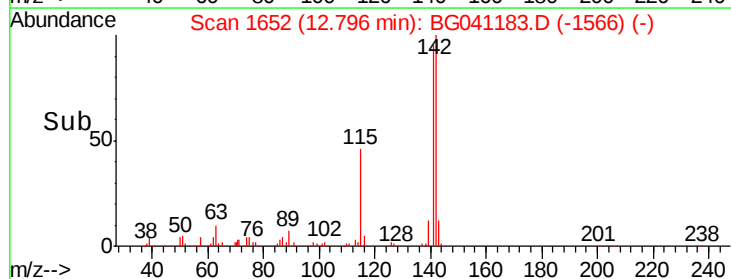
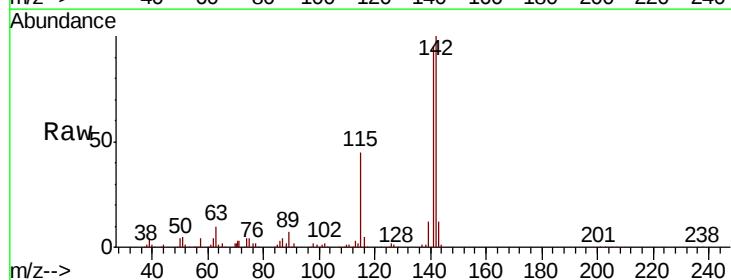
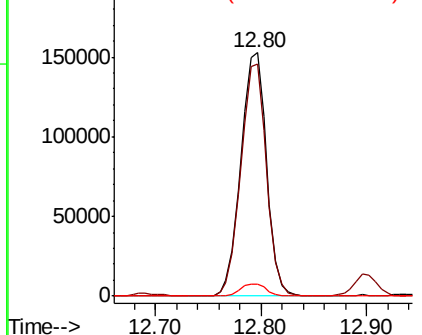
Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	75.7	113.5
116	4.8	3.4	5.2

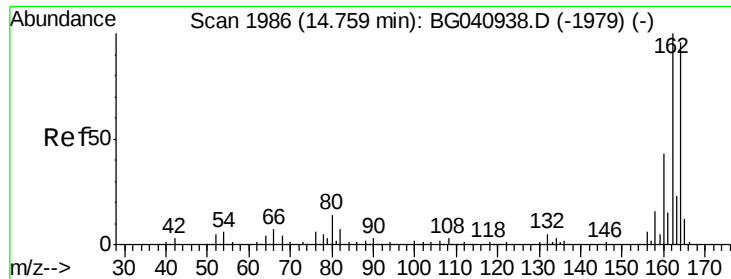
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





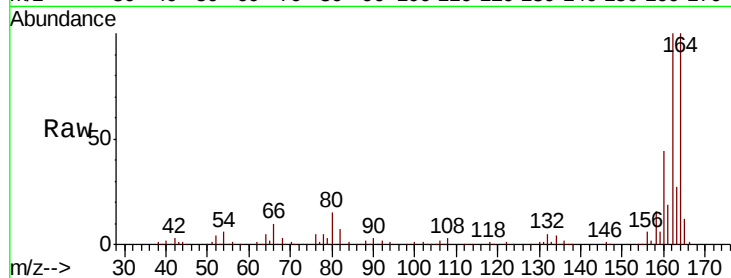
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	83.0	124.4
160	44.0	35.6	53.4

Manual Integrations
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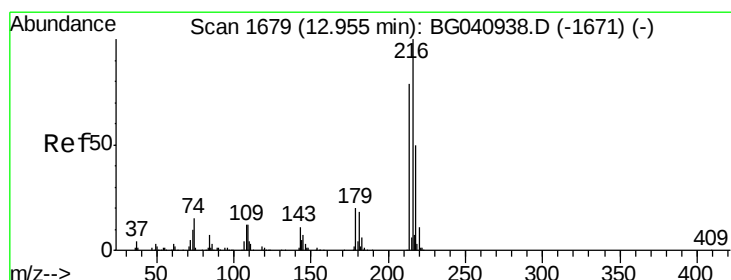
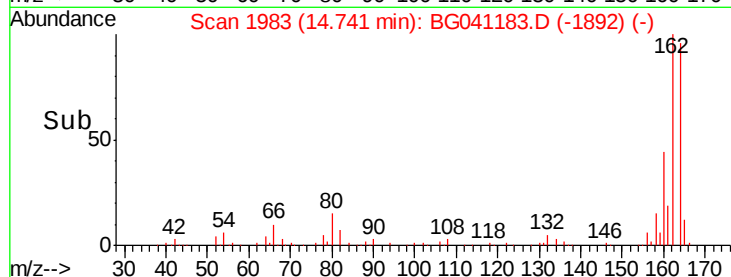
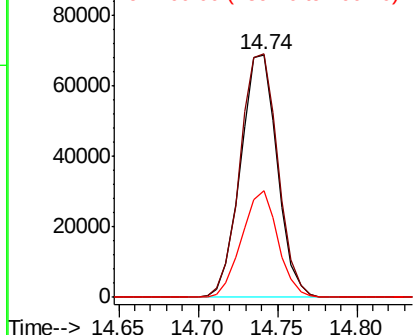


Abundance

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: 45.723 ng
RT: 12.93 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.4	95.2
179	18.9	15.2	22.8
108	16.6	11.4	17.2

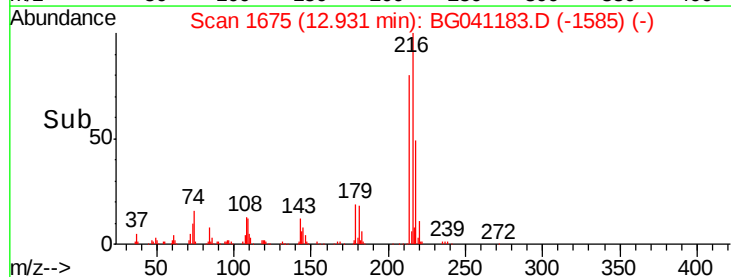
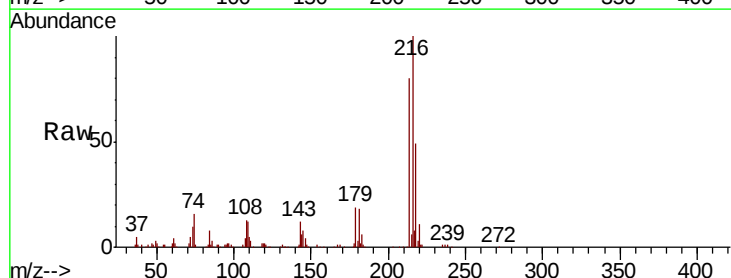
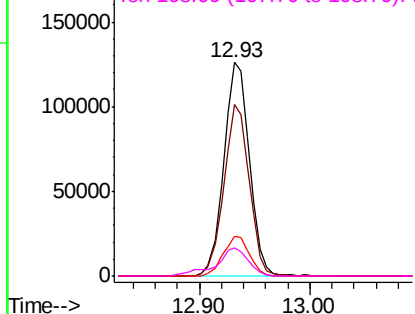
Abundance

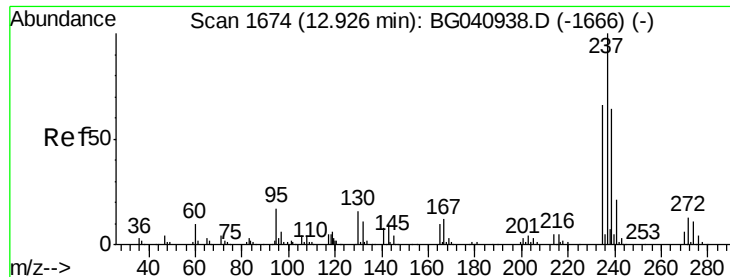
Ion 216.00 (215.70 to 216.70): E

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: 90.930 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

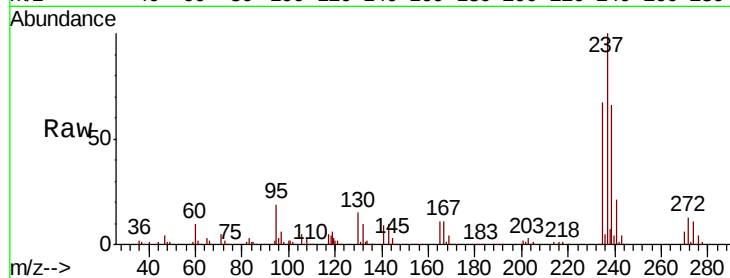
ClientSampleId :

PB120413BS

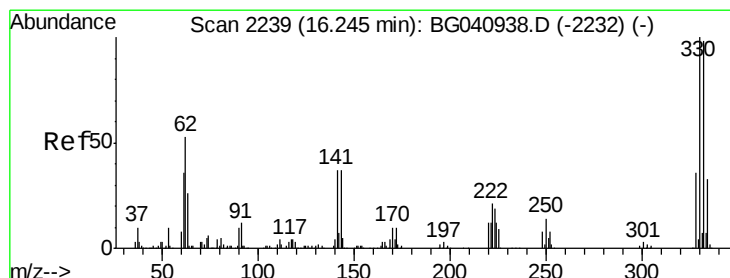
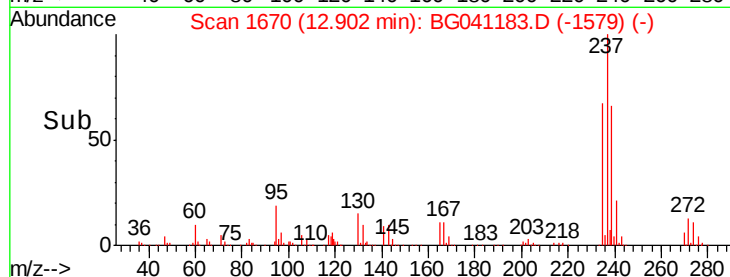
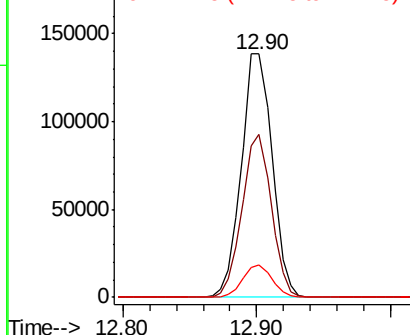
Tot Ion:	237	Resp:	220875
Ion Ratio	Lower	Upper	
237	100		
235	67.1	45.5	85.5
272	13.3	0.0	32.9

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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: 133.298 ng

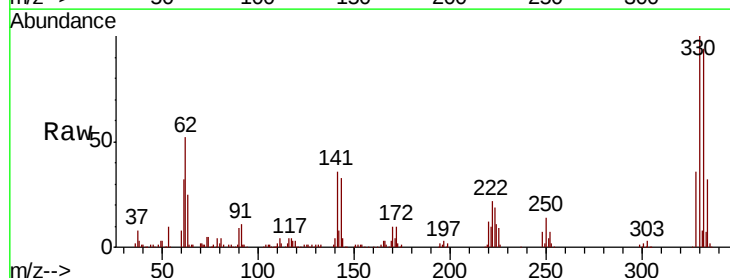
RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

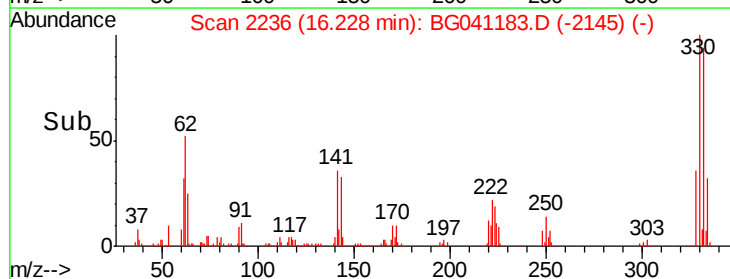
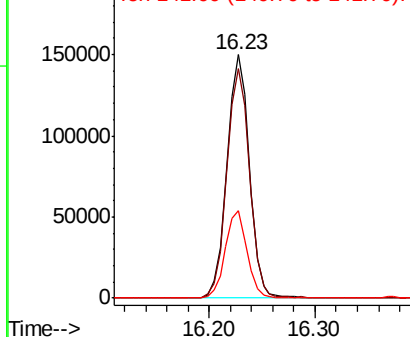
Lab File: BG041183.D

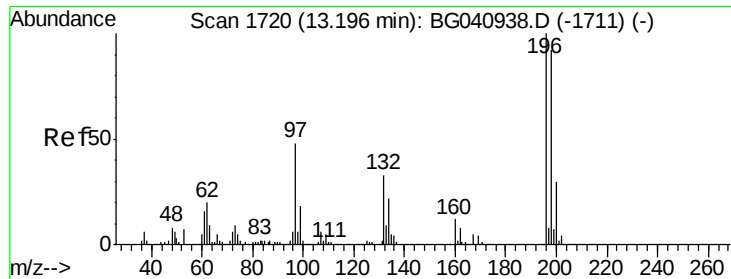
Acq: 11 Jun 2019 11:00

Tgt Ion:	330	Resp:	218843
Ion Ratio	Lower	Upper	
330	100		
332	95.5	78.5	117.7
141	35.1	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





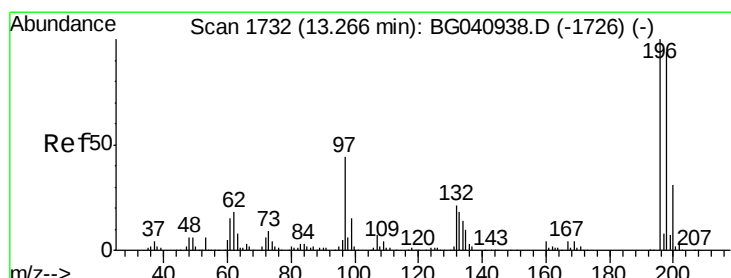
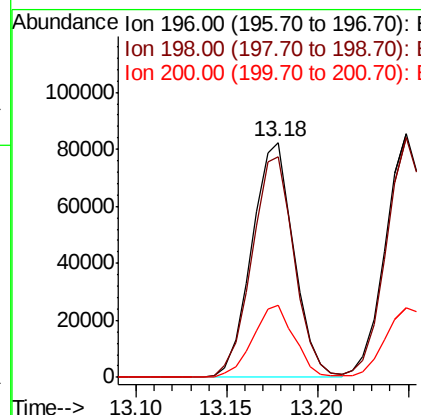
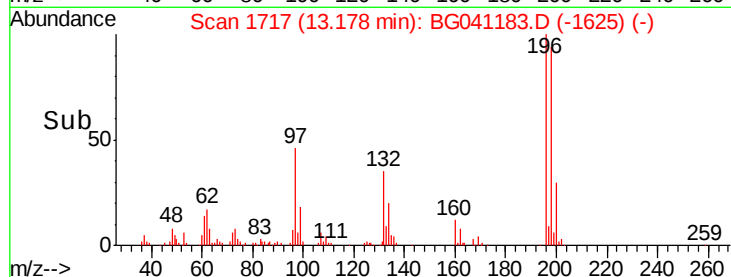
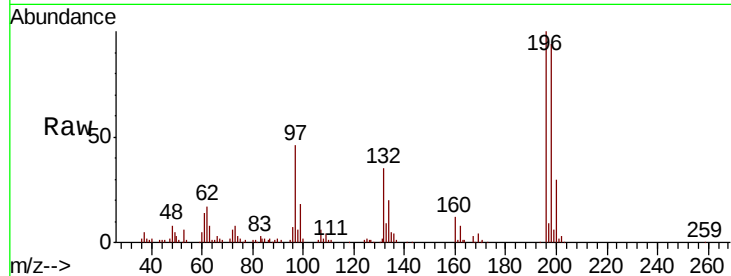
#43
 2,4,6-Trichlorophenol
 Concen: 46.009 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Instrument :
 BNA_G
 ClientSampled :
 PB120413BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	132667		
198	94.0	73.8	110.6	
200	30.5	24.1	36.1	

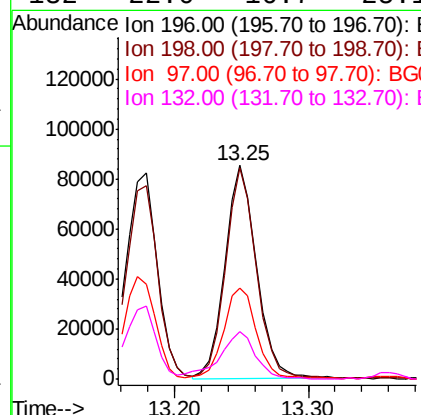
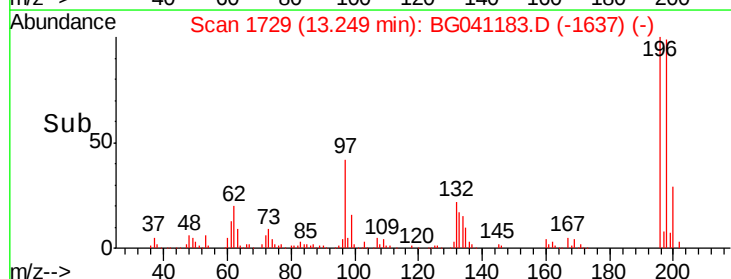
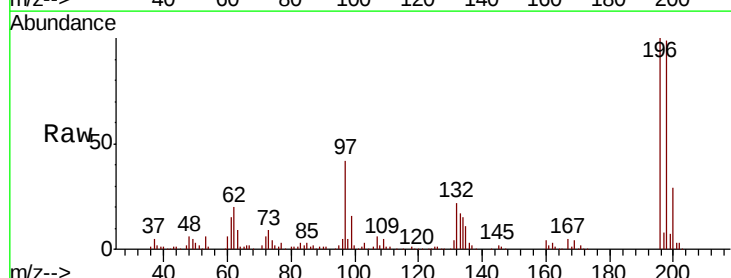
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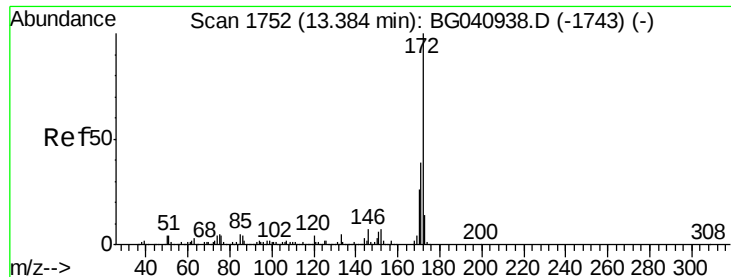
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#44
 2,4,5-Trichlorophenol
 Concen: 46.324 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	140872		
198	98.7	75.1	112.7	
97	42.5	35.6	53.4	
132	22.0	16.7	25.1	





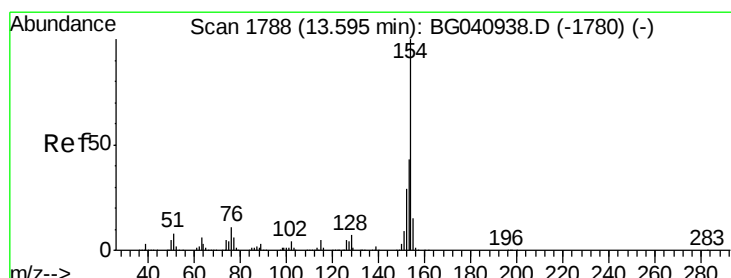
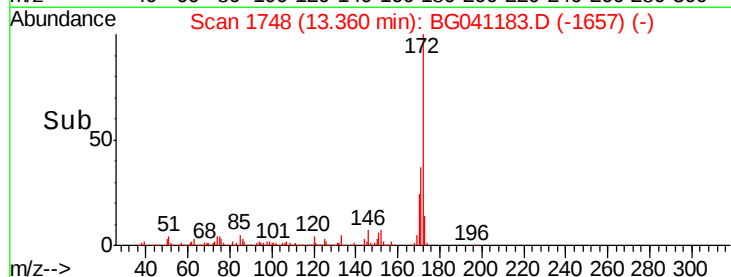
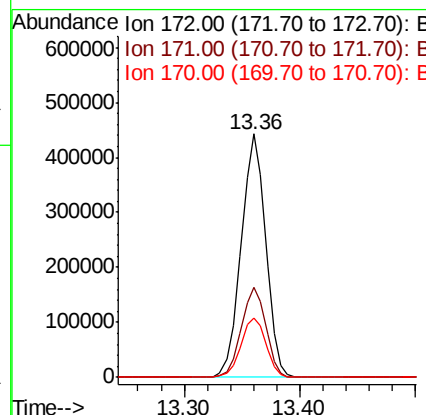
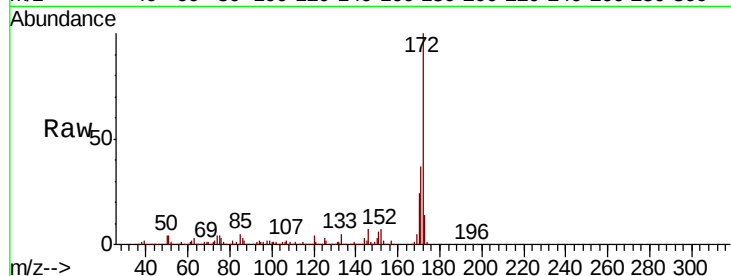
#45
2-Fluorobiphenyl
Concen: 84.531 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.1	46.7
170	24.3	20.5	30.7

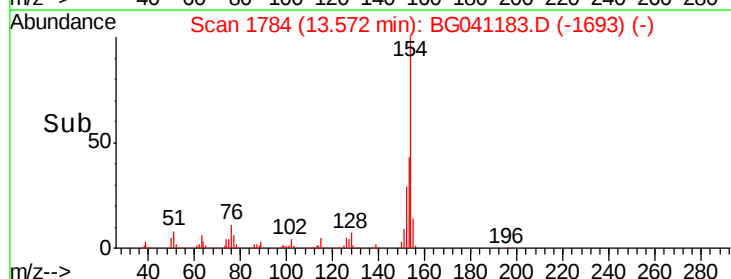
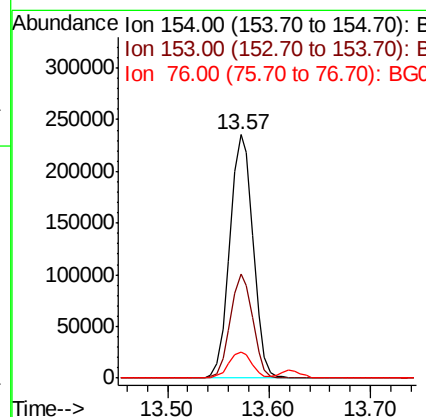
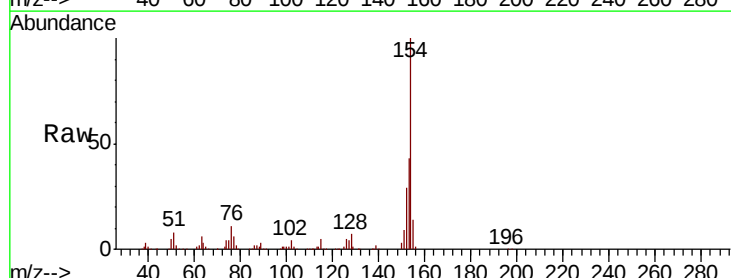
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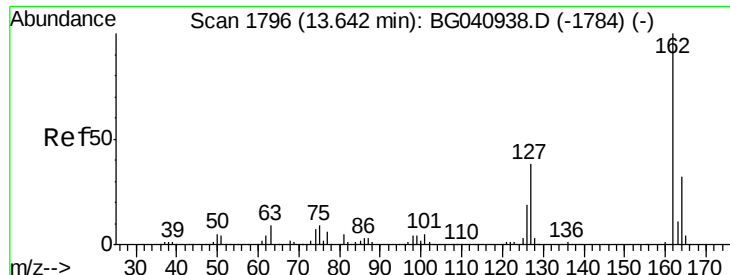
mohammad
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#46
1,1'-Biphenyl
Concen: 45.728 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	23.3	63.3
76	10.6	0.0	31.1





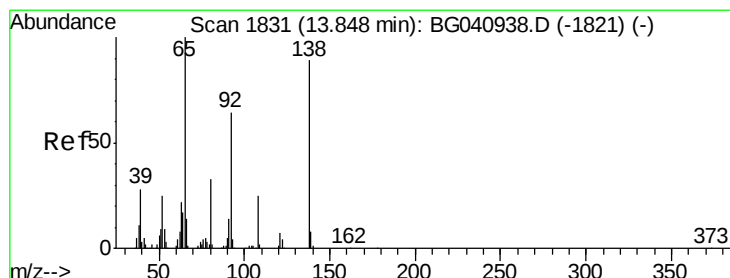
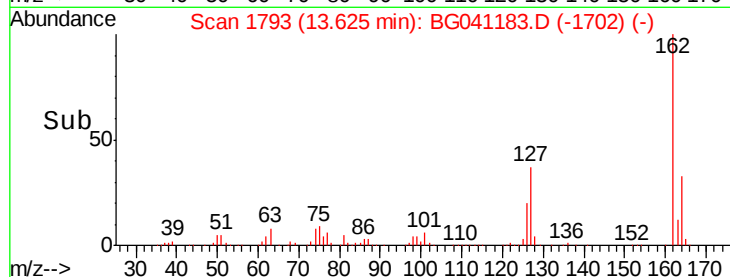
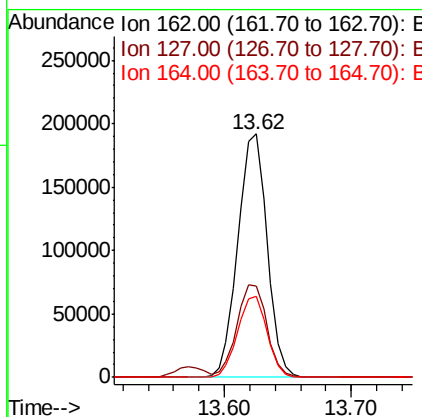
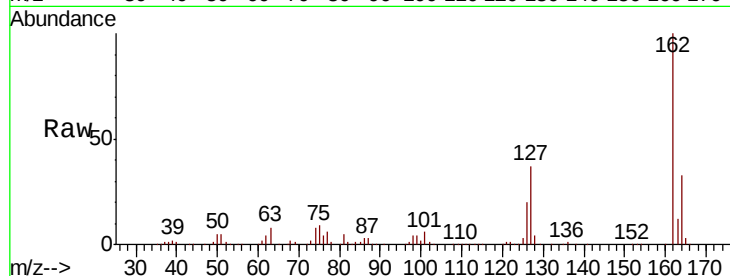
#47
 2-Chloronaphthalene
 Concen: 43.850 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.5	45.7
164	33.2	25.8	38.6

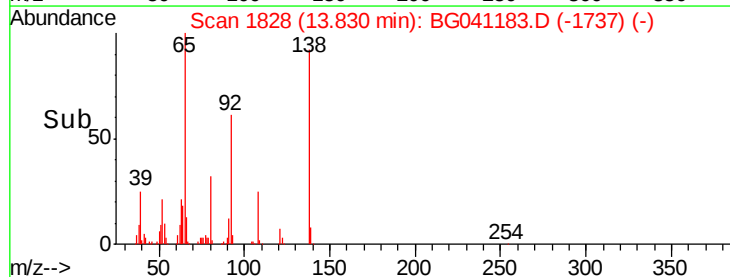
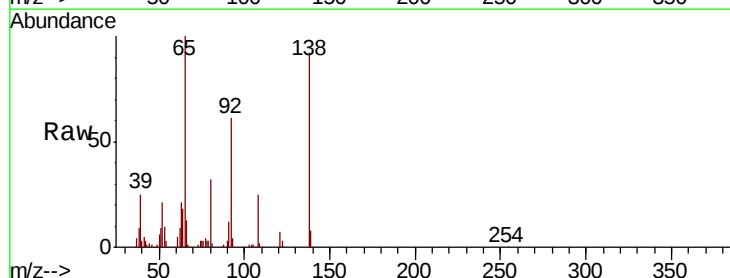
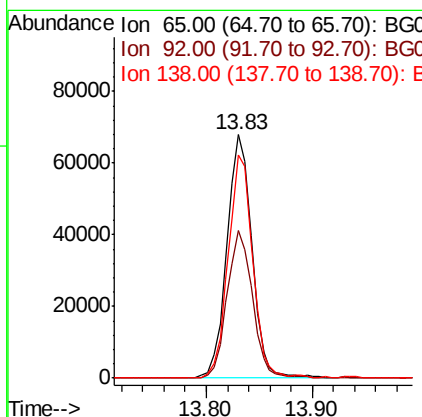
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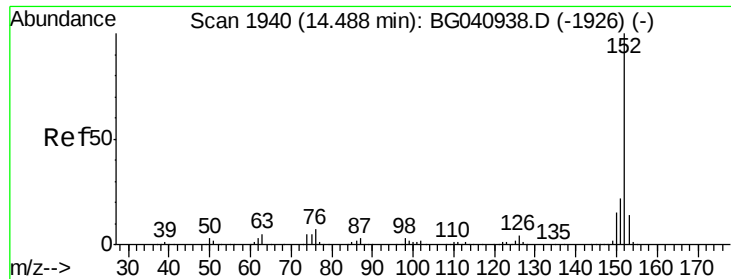
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#48
 2-Nitroaniline
 Concen: 44.058 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.7	51.0	76.6
138	91.5	71.2	106.8





#49

Acenaphthylene

Concen: 45.639 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

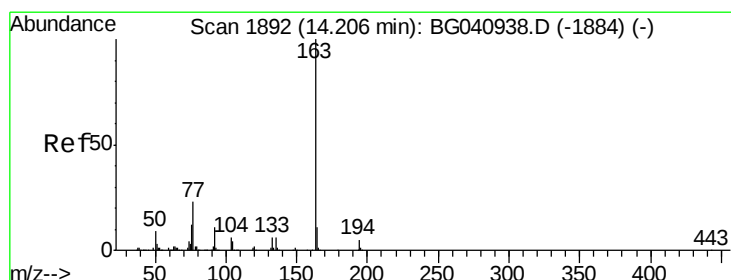
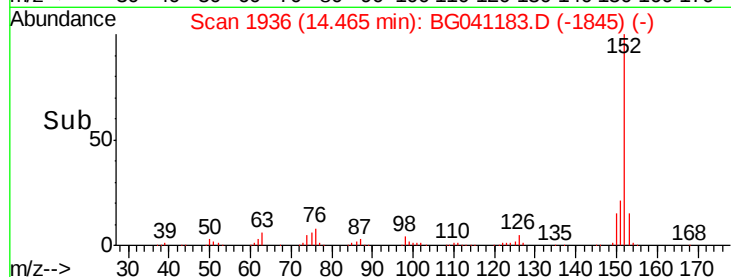
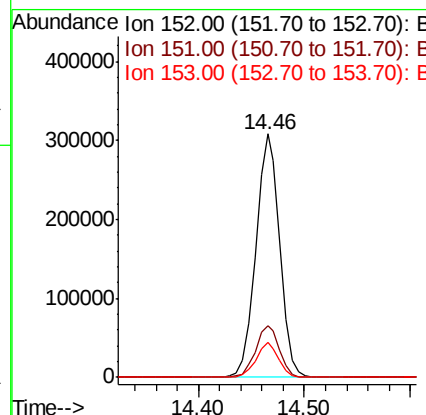
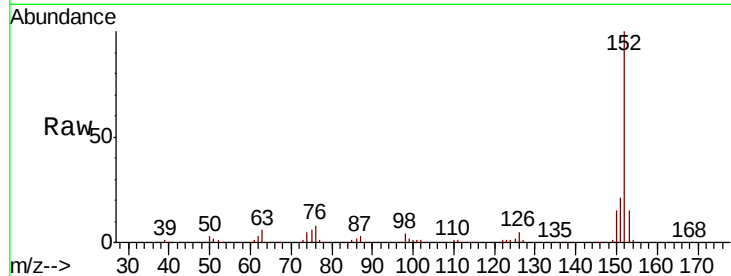
ClientSampleId :

PB120413BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		482713		
151	21.1	17.4	26.0		
153	14.6	11.0	16.4		

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#50

Dimethylphthalate

Concen: 42.368 ng

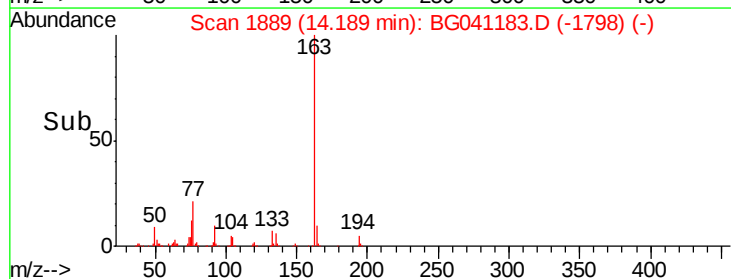
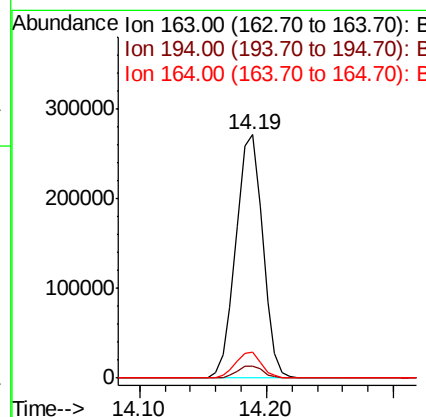
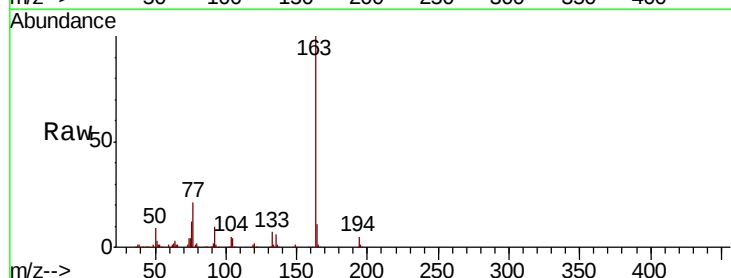
RT: 14.19 min Scan# 1889

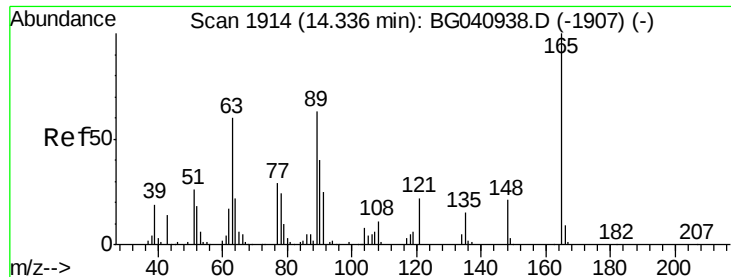
Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		396618		
194	5.1	3.8	5.8		
164	10.6	8.7	13.1		





#51

2,6-Dinitrotoluene

Concen: 45.547 ng

RT: 14.32 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

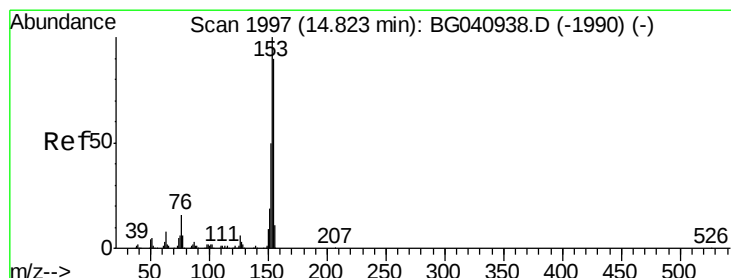
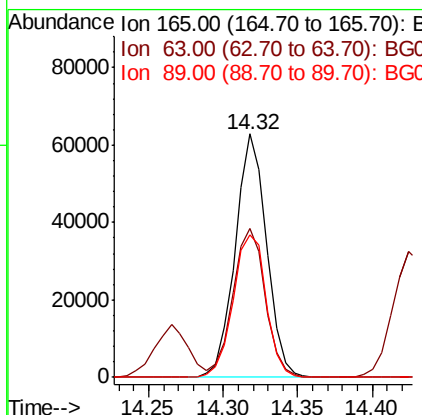
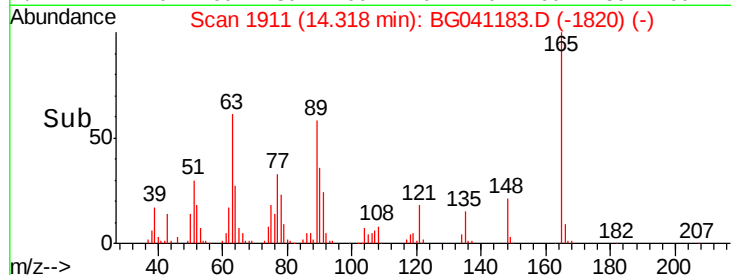
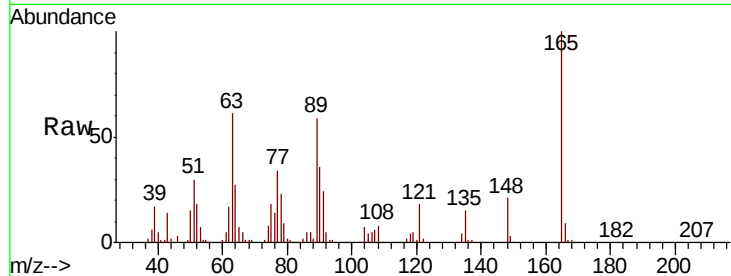
ClientSampleId :

PB120413BS

Tot Ion:	165	Resp:	91931
Ion Ratio	Lower	Upper	
165	100		
63	61.1	53.6	80.4
89	58.6	50.4	75.6

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#52

Acenaphthene

Concen: 44.024 ng

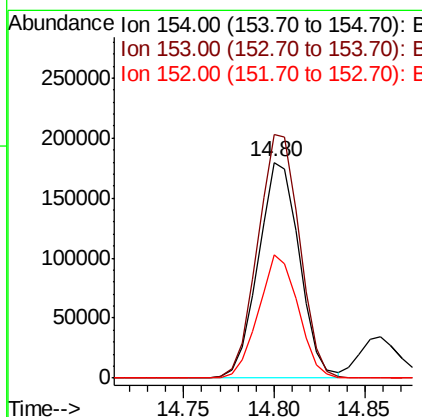
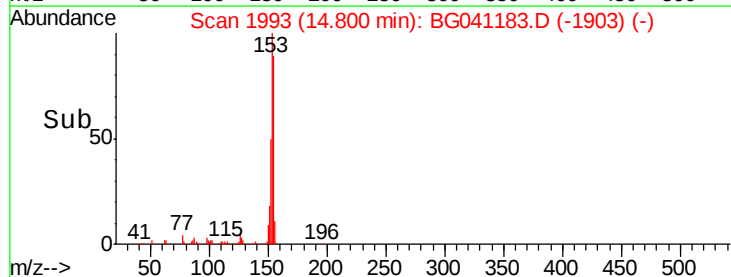
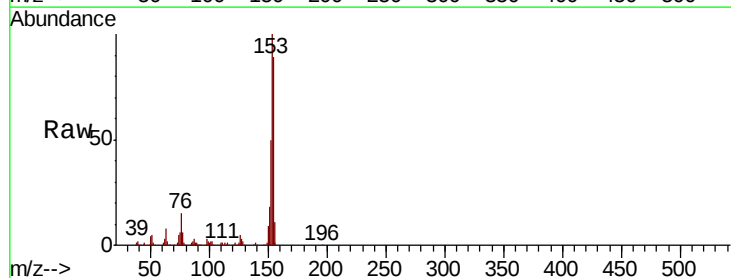
RT: 14.80 min Scan# 1993

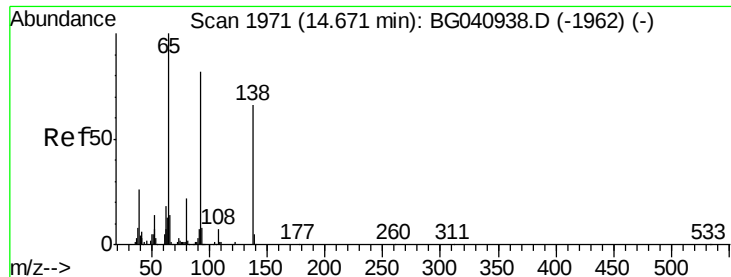
Delta R.T. -0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Tgt Ion:	154	Resp:	282081
Ion Ratio	Lower	Upper	
154	100		
153	112.9	88.6	133.0
152	56.9	44.2	66.4





#53

3-Nitroaniline

Concen: 31.598 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

ClientSampleId :

PB120413BS

Tot Ion:138 Resp: 63774

Ion Ratio Lower Upper

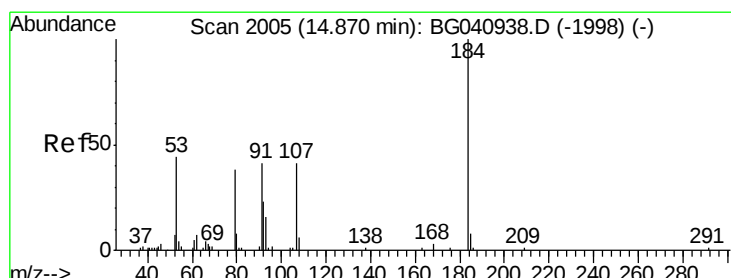
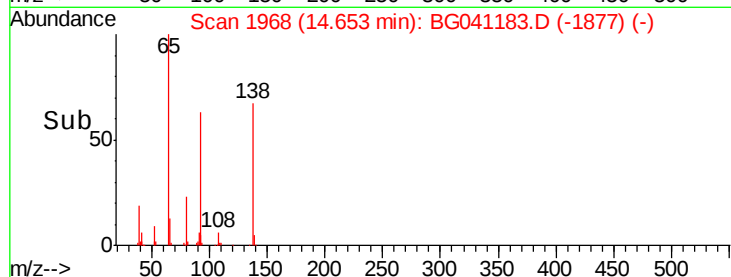
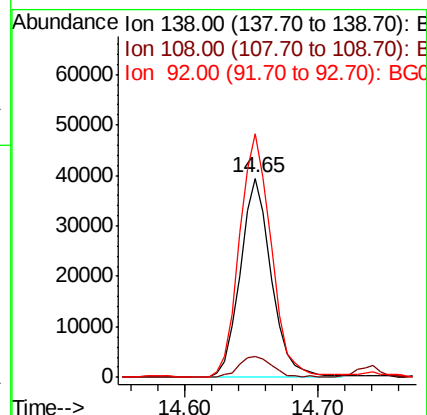
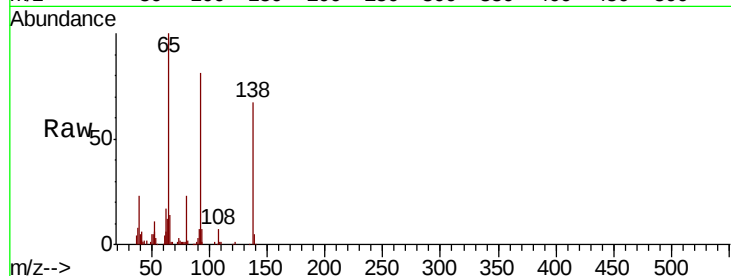
138 100

108 10.5 8.5 12.7

92 122.1 99.0 148.6

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#54

2,4-Dinitrophenol

Concen: 82.133 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

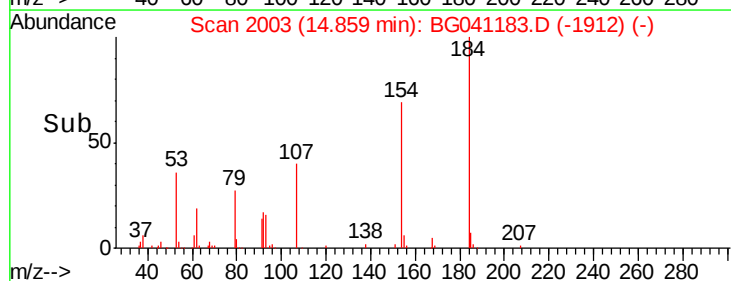
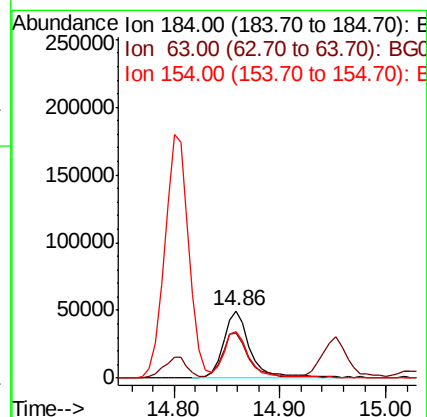
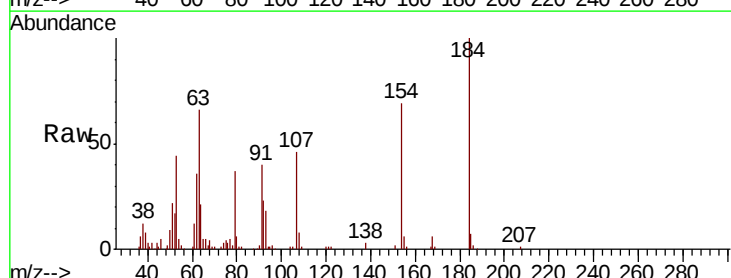
Tgt Ion:184 Resp: 87395

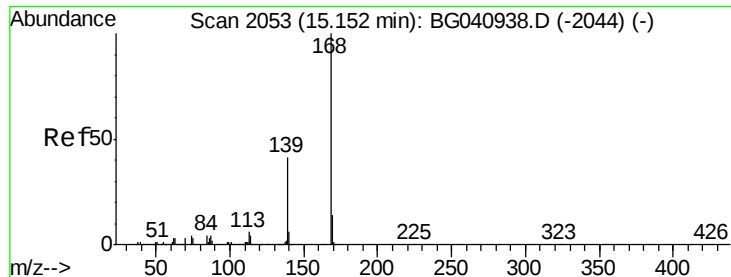
Ion Ratio Lower Upper

184 100

63 66.2 49.8 74.6

154 68.8 52.2 78.4





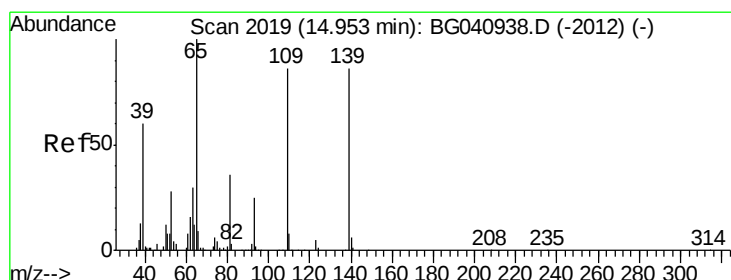
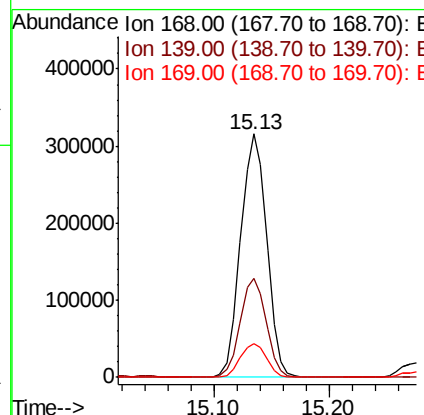
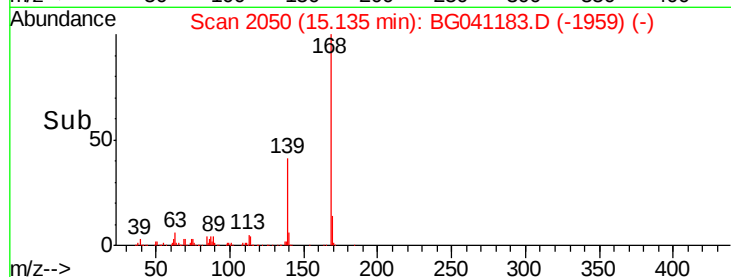
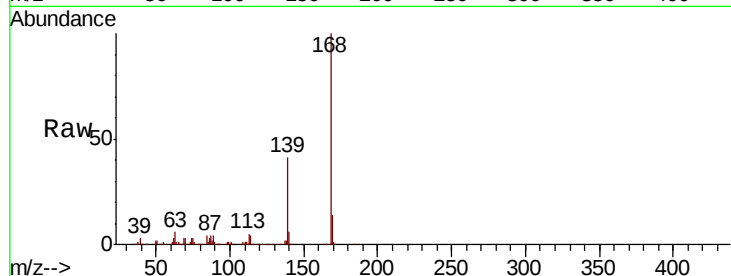
#55
Dibenzofuran
Concen: 45.754 ng
RT: 15.13 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.7	32.8	49.2
169	13.9	11.3	16.9

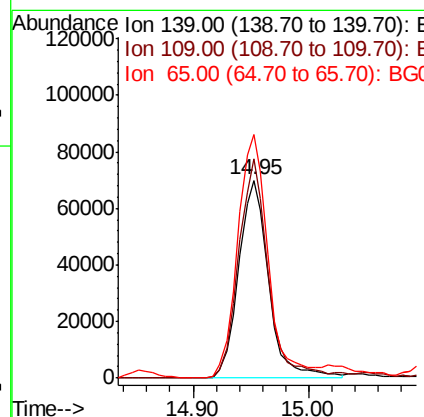
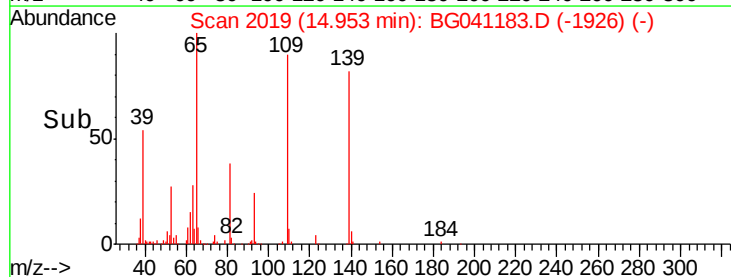
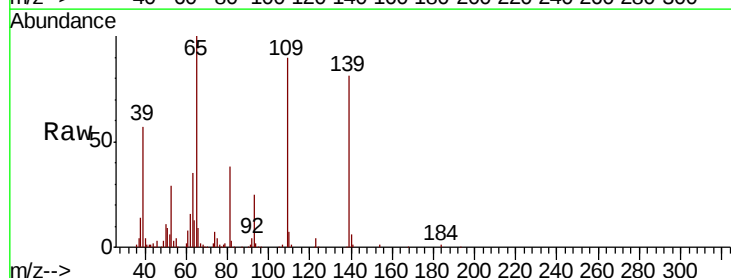
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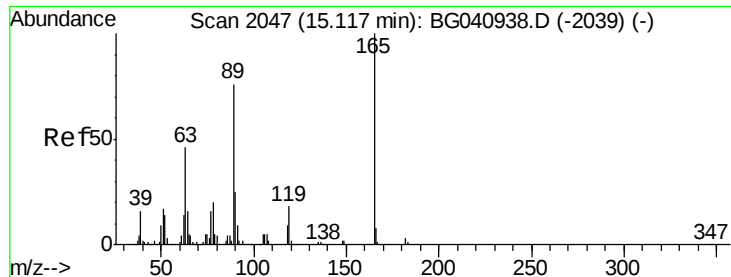
mohammad
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#56
4-Nitrophenol
Concen: 90.862 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	110.8	79.6	119.6
65	123.3	96.9	136.9





#57

2,4-Dinitrotoluene

Concen: 46.094 ng

RT: 15.11 min Scan# 2045

Delta R.T. 0.01 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

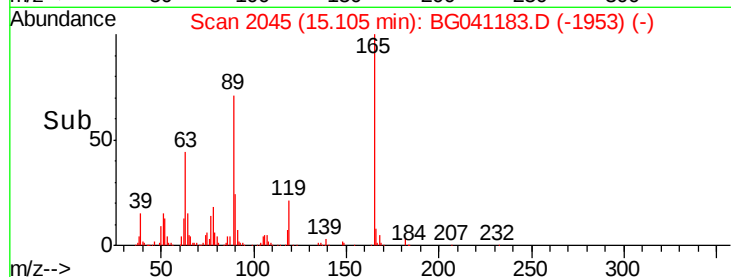
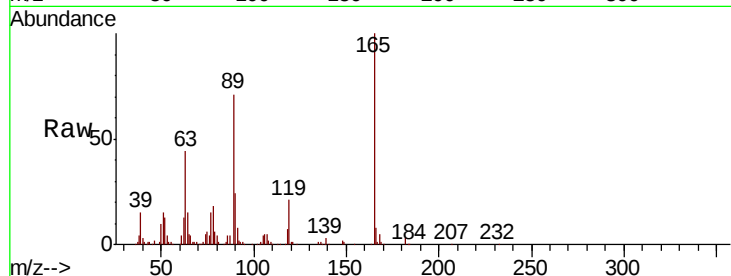
ClientSampleId :

PB120413BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	44.1		37.3	55.9	
89	70.5		61.0	91.6	
182	3.1		2.2	3.2	

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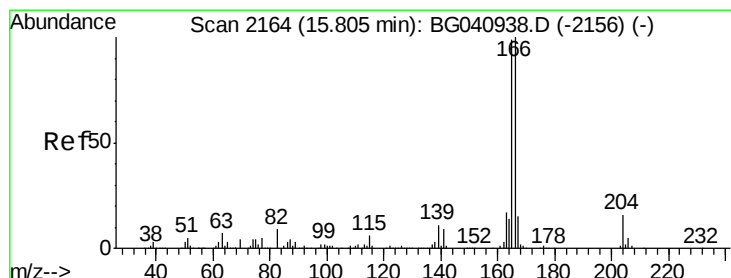
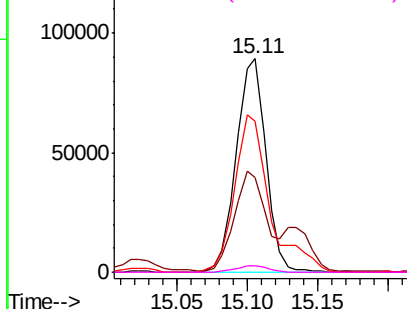


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.205 ng

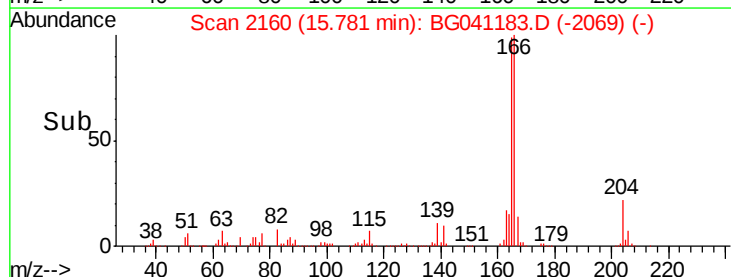
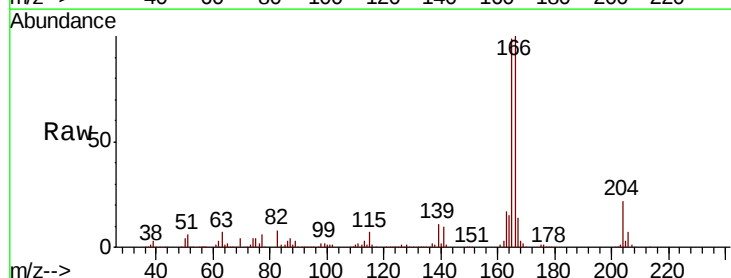
RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

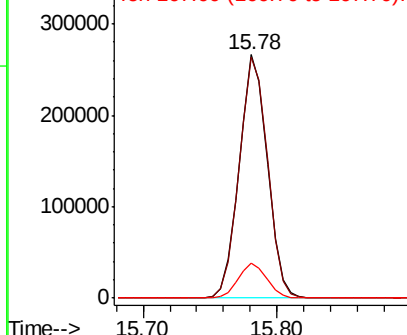
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	99.0		79.2	118.8	
167	14.1		11.8	17.6	

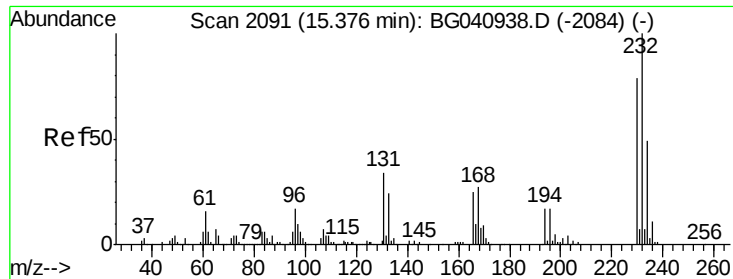


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.808 ng

RT: 15.36 min Scan# 2088

Delta R.T. 0.01 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

ClientSampleId :

PB120413BS

Tot Ion:232 Resp: 142878

Ion Ratio Lower Upper

232 100

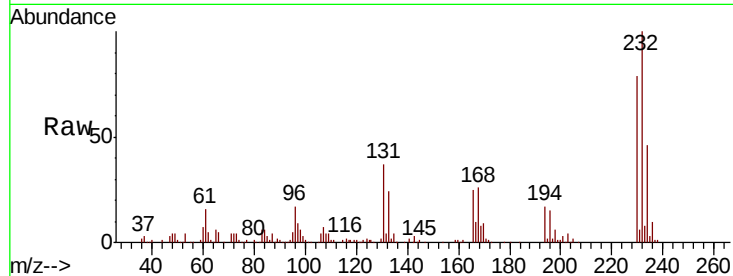
131 37.2 30.3 45.5

130 2.5 1.8 2.8

166 25.5 21.3 31.9

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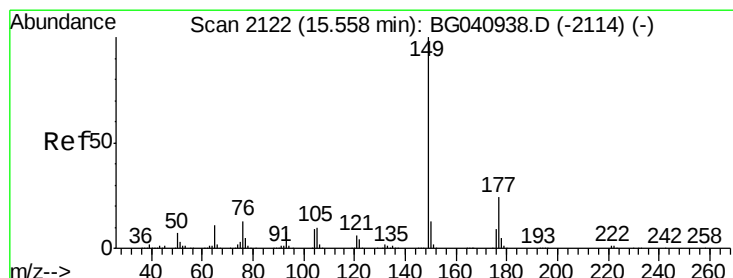
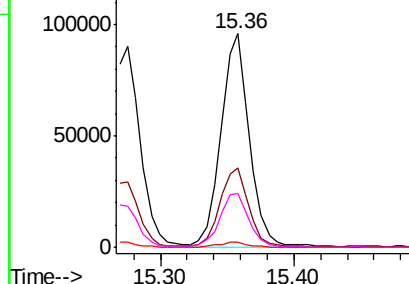
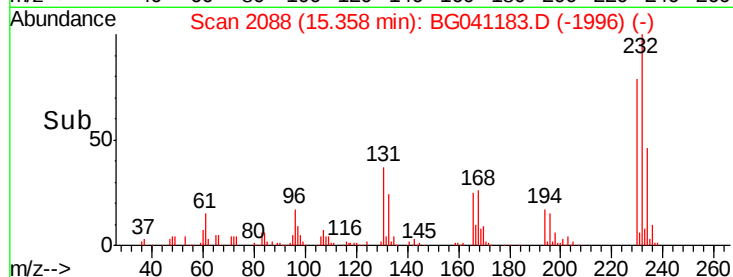
Abundance

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: 42.772 ng

RT: 15.54 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

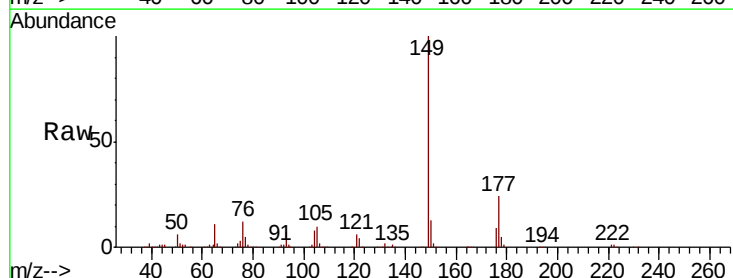
Tgt Ion:149 Resp: 408621

Ion Ratio Lower Upper

149 100

177 24.3 19.4 29.0

150 13.1 10.3 15.5

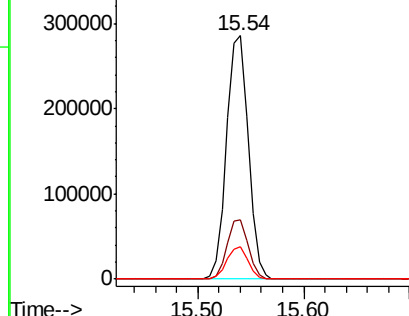
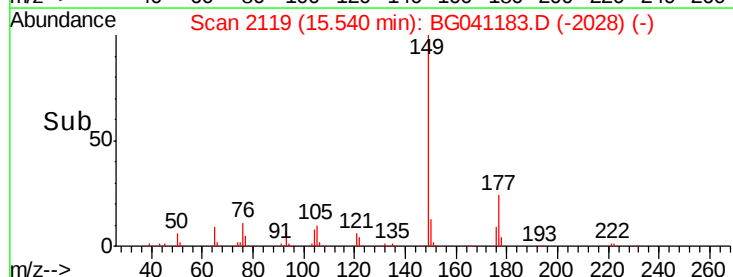


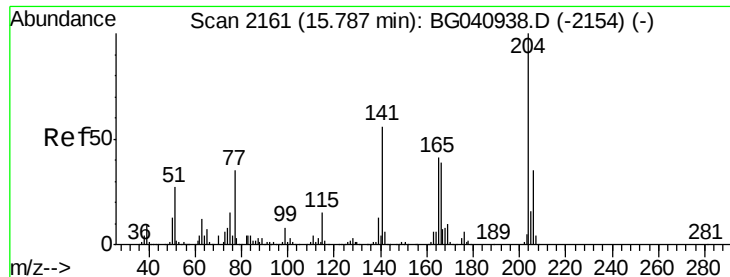
Abundance

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





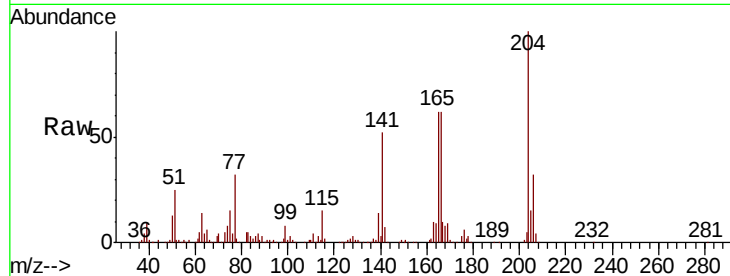
#61
4-Chlorophenyl-phenylether
Concen: 43.841 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	27.6	41.4
141	51.5	45.1	67.7

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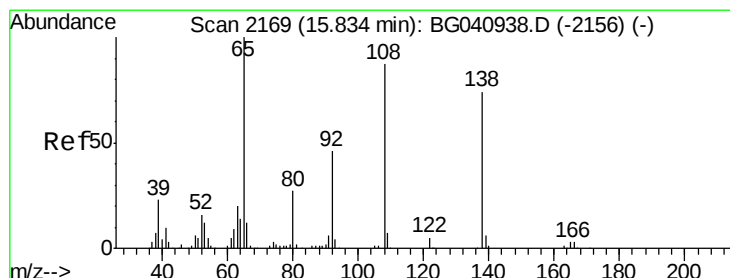
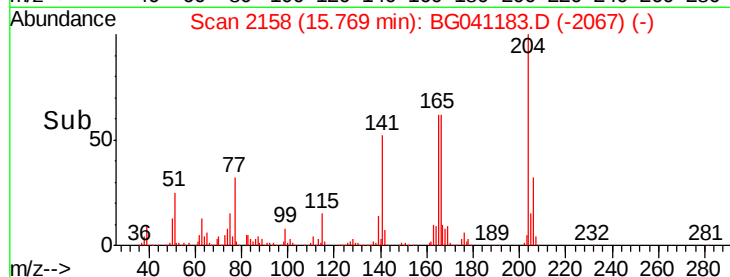
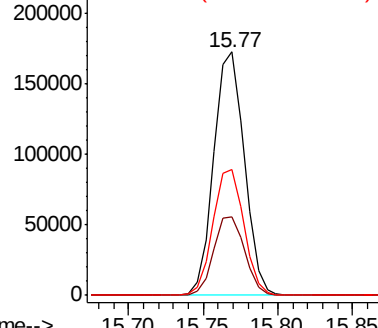


Abundance

Ion 204.00 (203.70 to 204.70): E

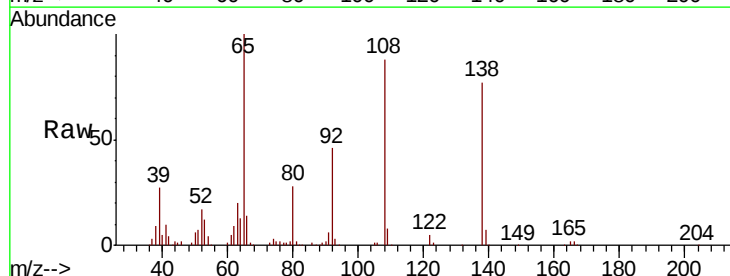
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.636 ng
RT: 15.82 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.8	42.4	82.4
108	114.3	96.9	136.9

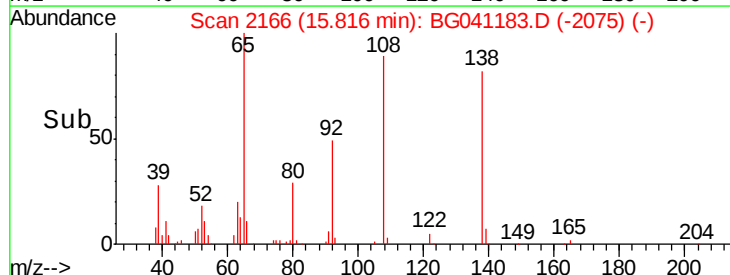
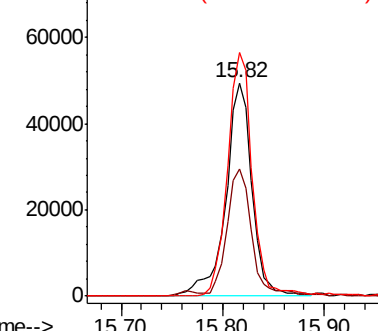


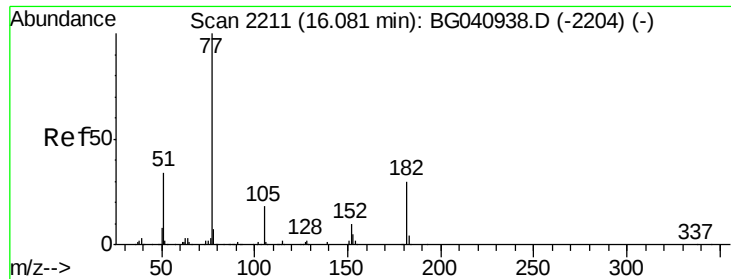
Abundance

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





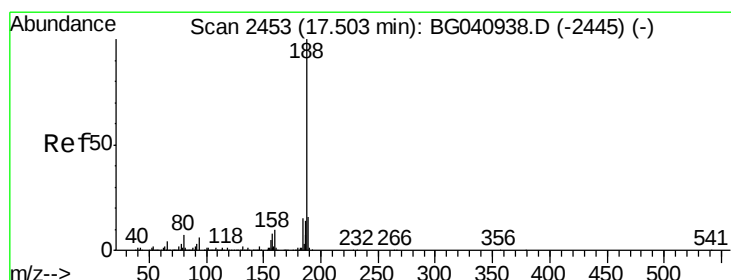
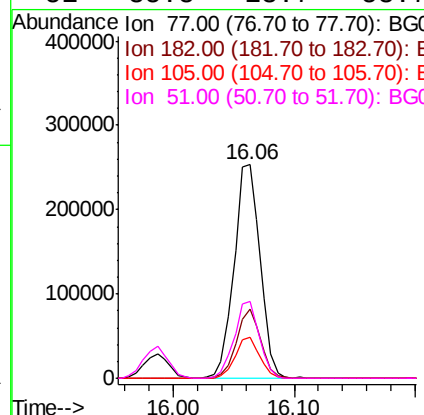
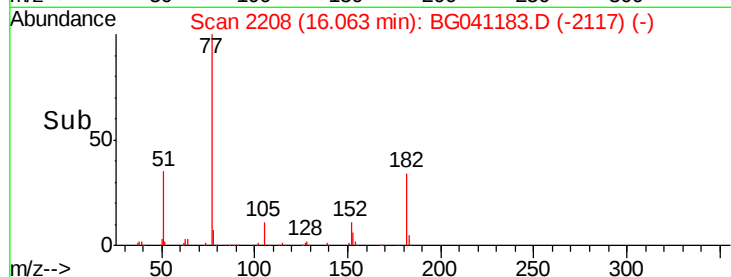
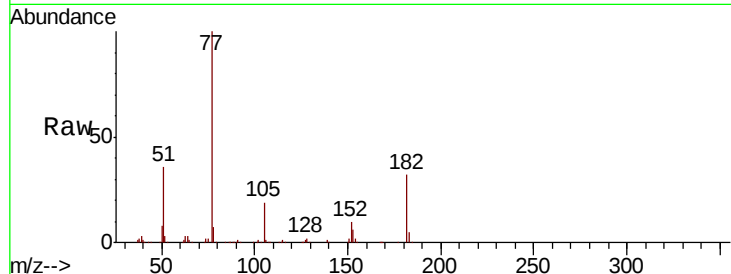
#63
Azobenzene
Concen: 43.669 ng
RT: 16.06 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	379177		
182	32.3	9.6	49.6	
105	19.3	0.0	37.5	
51	35.8	13.7	53.7	

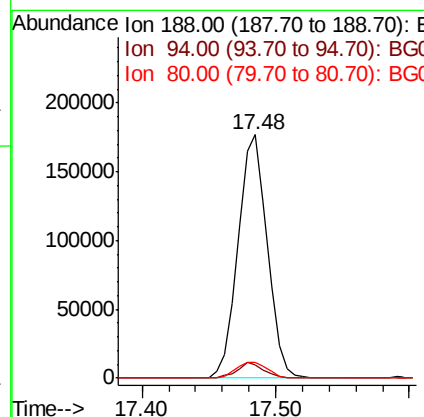
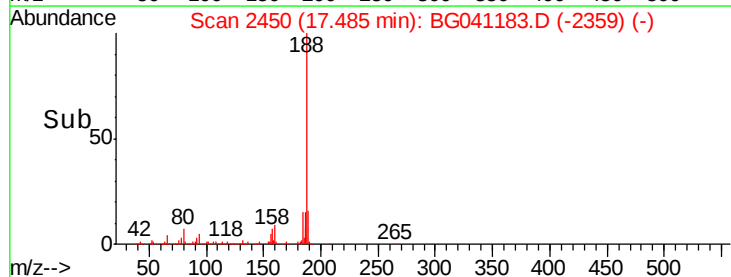
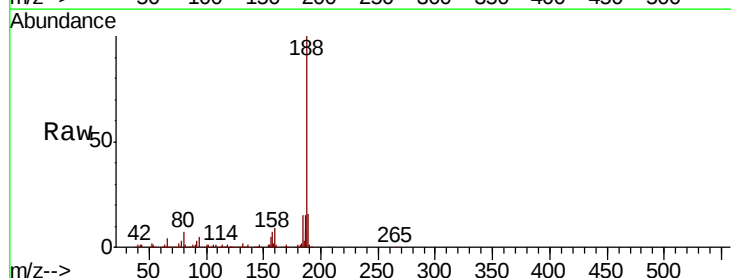
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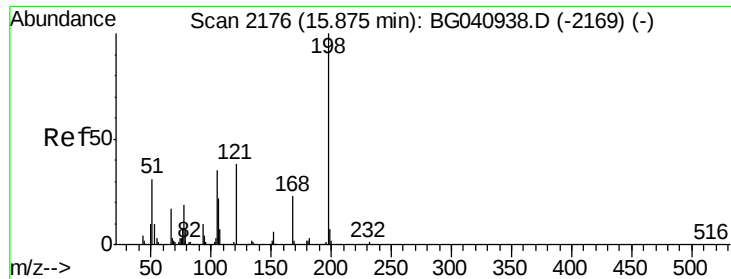
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	268858		
94	5.5	4.7	7.1	
80	6.7	5.8	8.8	





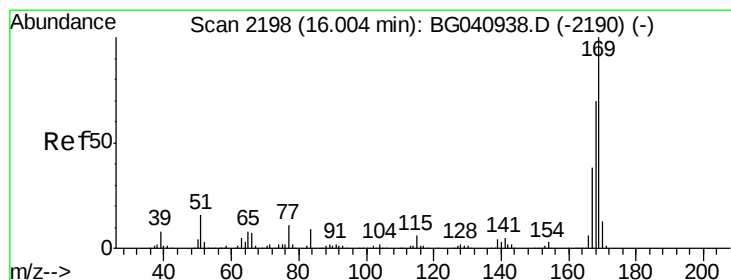
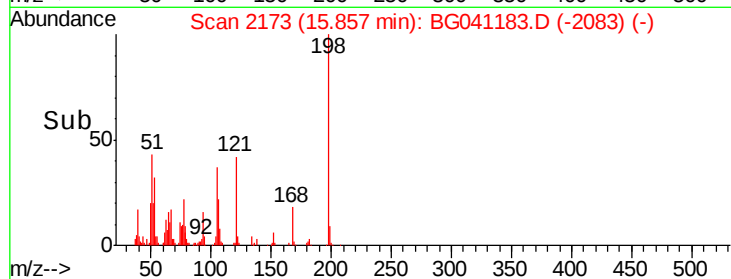
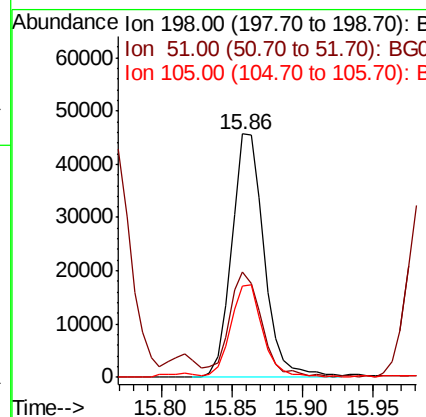
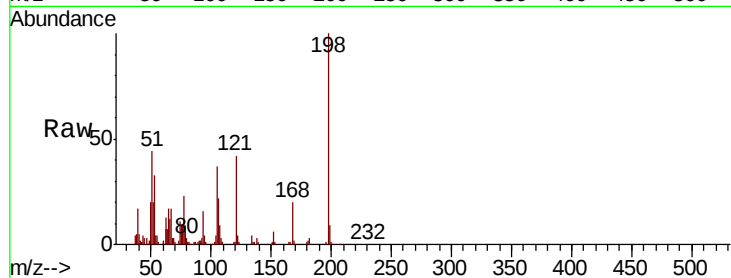
#65
4,6-Dinitro-2-methylphenol
Concen: 50.180 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.5	21.6	61.6
105	37.5	17.5	57.5

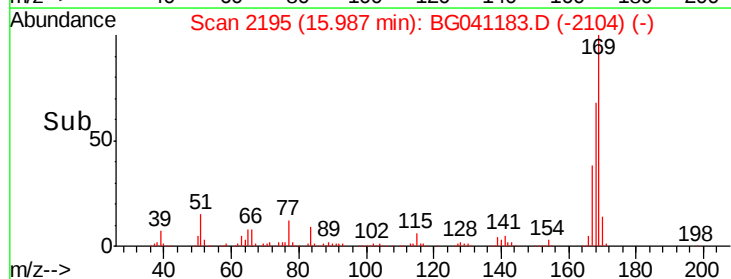
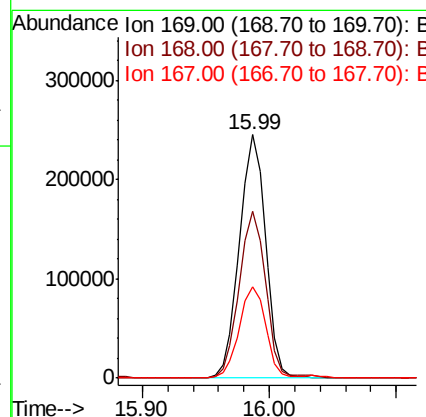
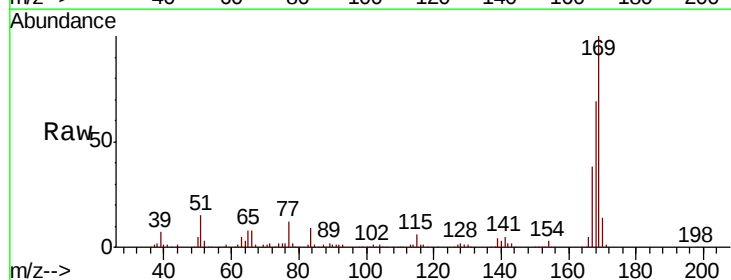
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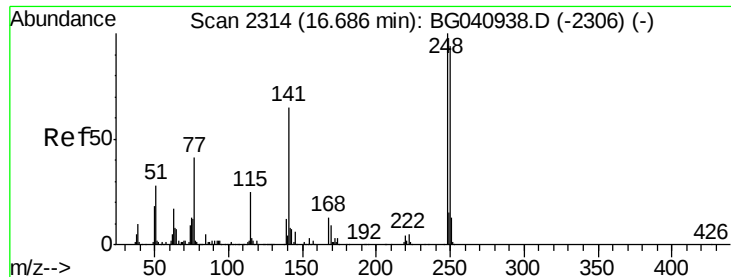
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#66
n-Nitrosodiphenylamine
Concen: 46.302 ng
RT: 15.99 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.5	55.7	83.5
167	37.7	30.2	45.2





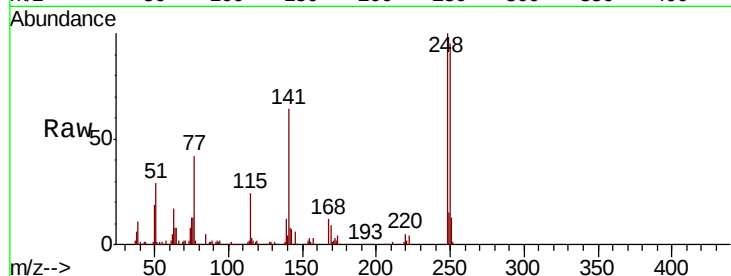
#67
4-Bromophenyl-phenylether
Concen: 44.444 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.2	75.0	112.4
141	63.6	52.4	78.6

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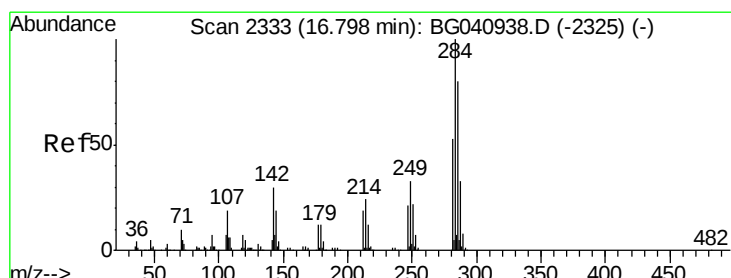
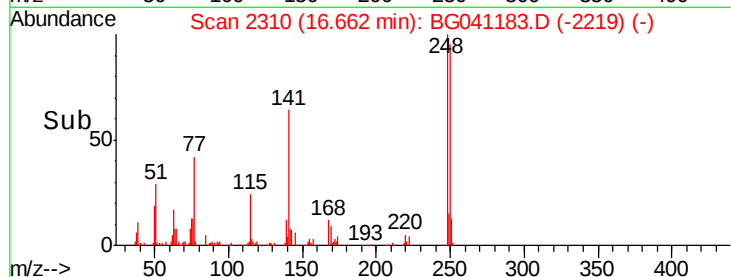
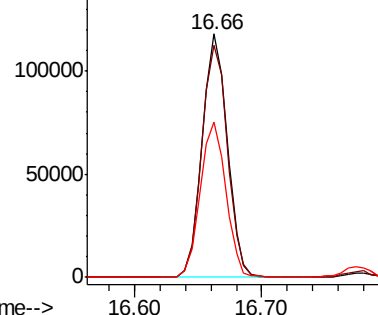


Abundance

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: 43.337 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

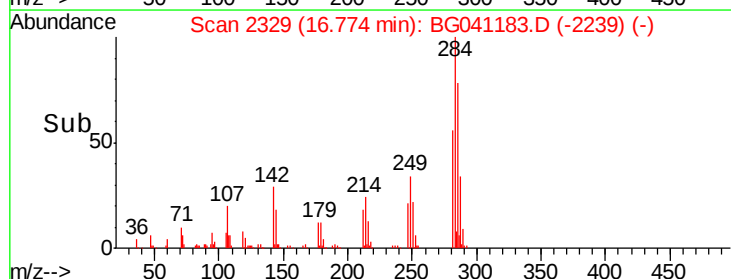
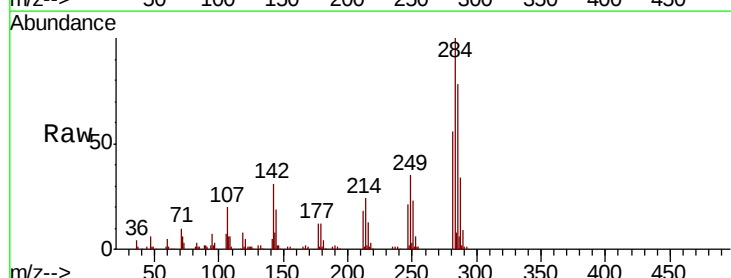
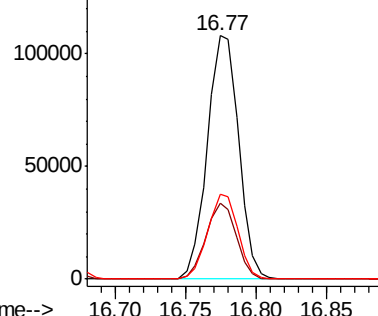
Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	23.9	35.9
249	34.9	26.8	40.2

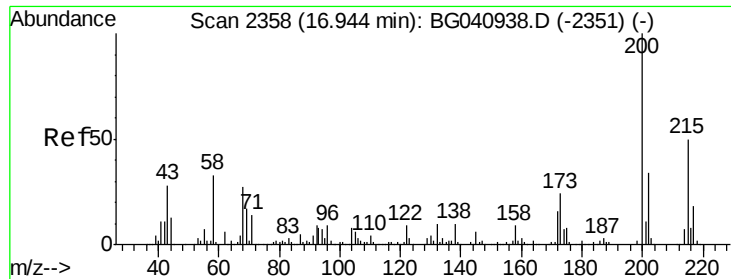
Abundance

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





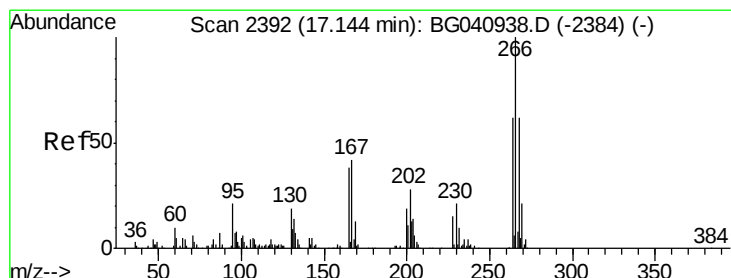
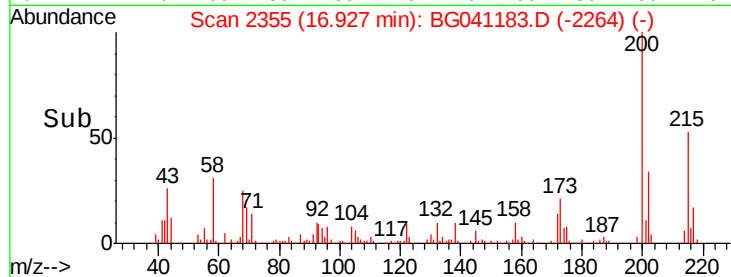
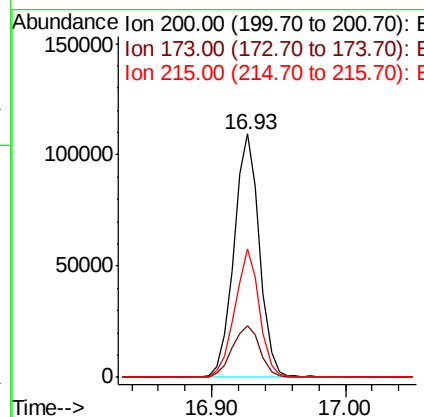
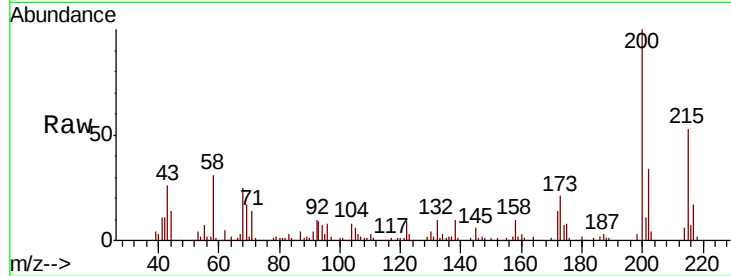
#69
Atrazine
Concen: 50.082 ng
RT: 16.93 min Scan# 2355
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	20.9	3.6	43.6
215	52.8	29.6	69.6

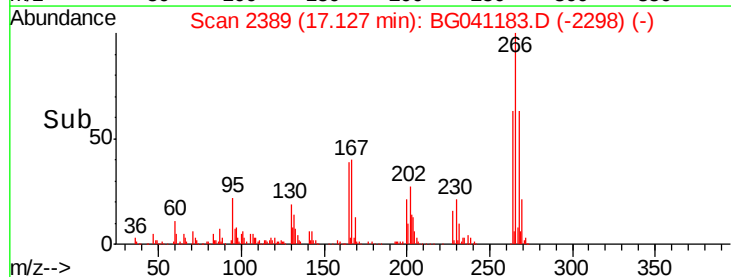
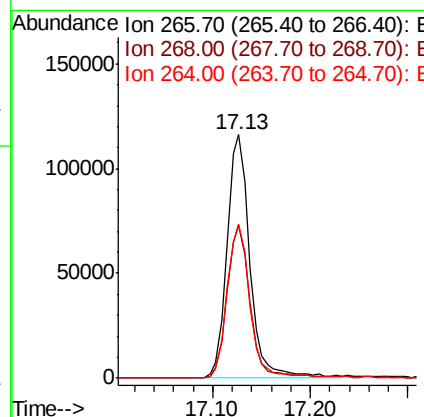
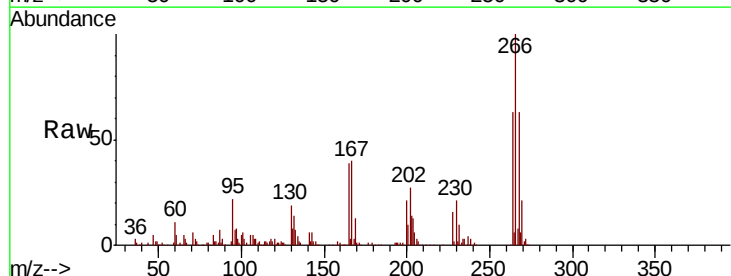
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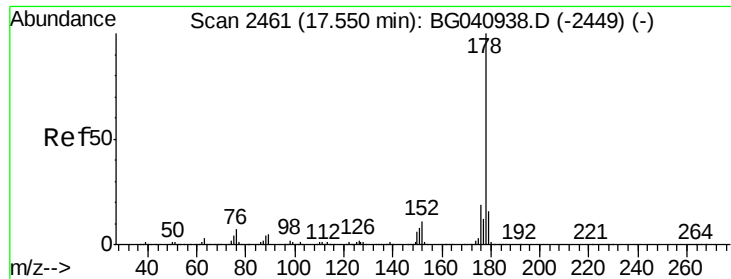
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#70
Pentachlorophenol
Concen: 90.633 ng
RT: 17.13 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.8	53.1	79.7
264	63.3	49.9	74.9





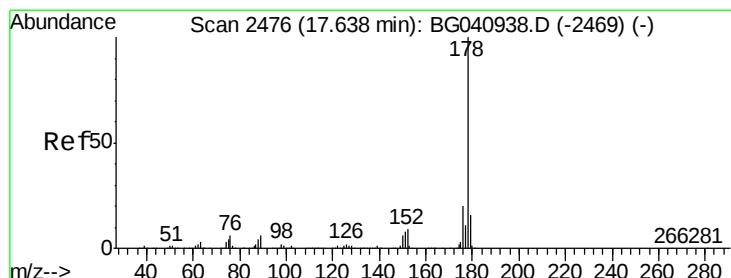
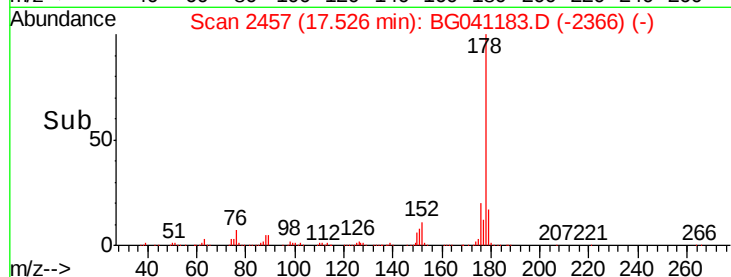
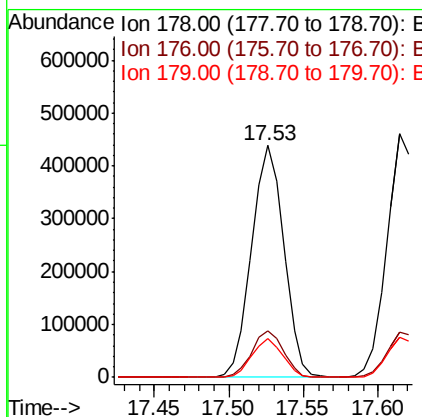
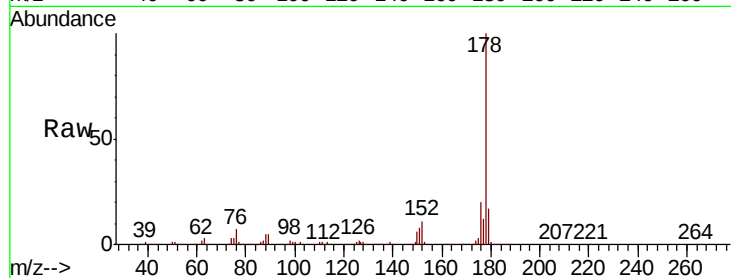
#71
Phenanthrene
Concen: 46.816 ng
RT: 17.53 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.5	23.3
179	16.6	12.7	19.1

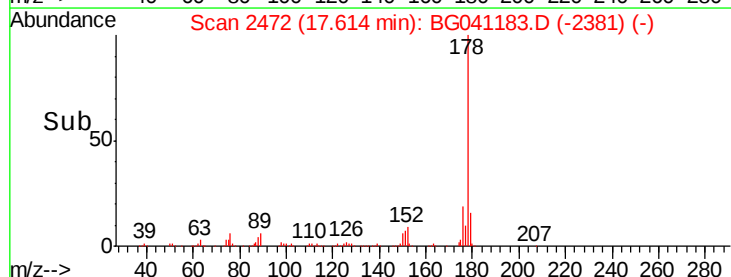
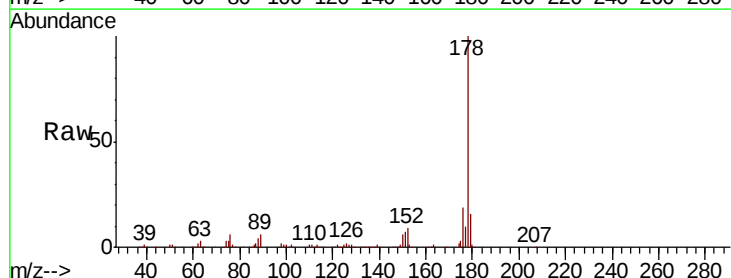
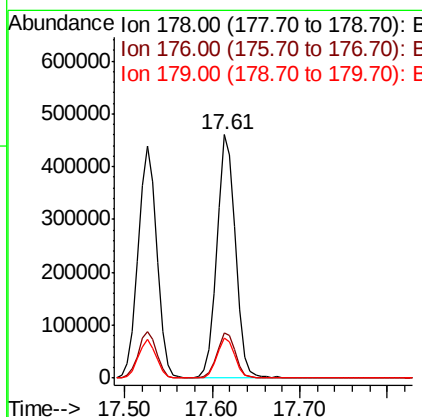
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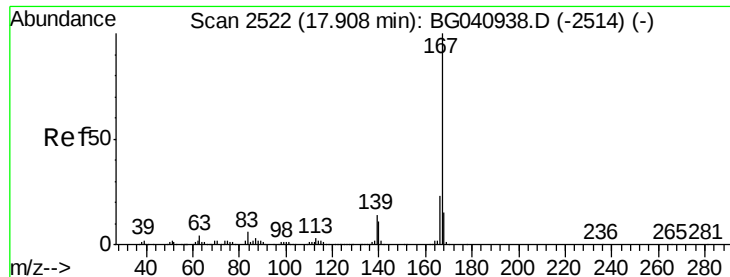
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#72
Anthracene
Concen: 49.186 ng
RT: 17.61 min Scan# 2472
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	16.3	13.0	19.4





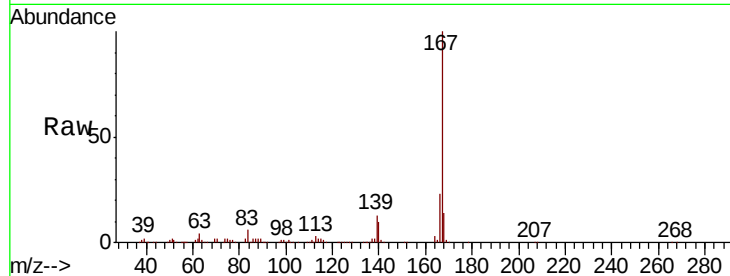
#73
 Carbazole
 Concen: 48.144 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

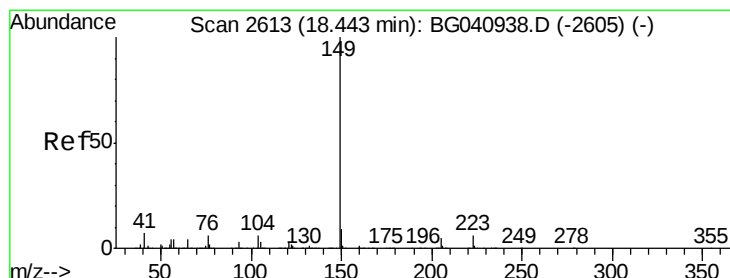
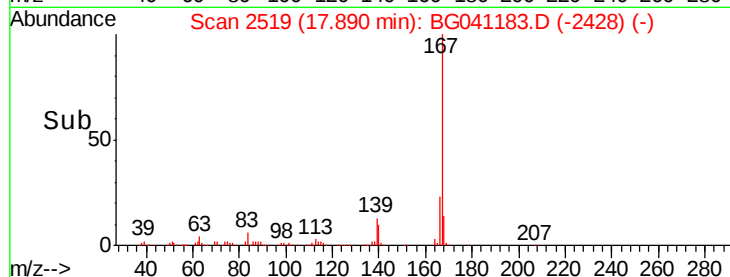
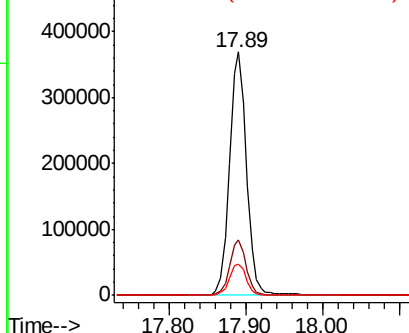
Tot Ion:	167	Resp:	570567
Ion Ratio	Lower	Upper	
167	100		
166	22.8	18.2	27.4
139	12.9	10.8	16.2

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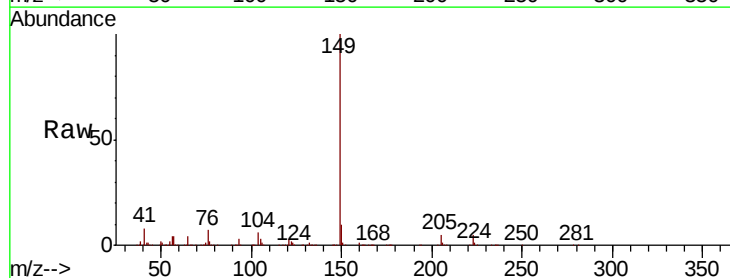


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

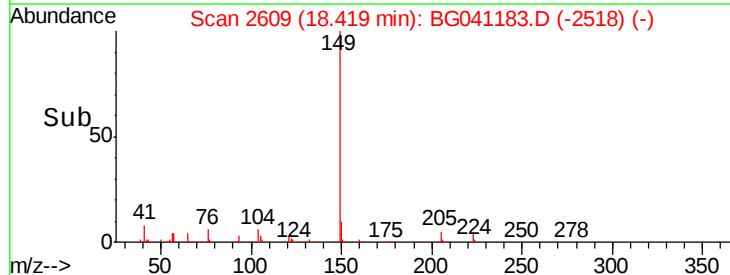
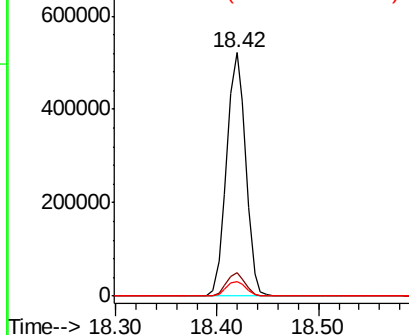


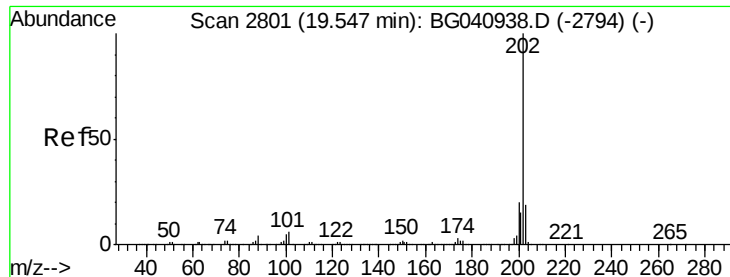
#74
 Di-n-butylphthalate
 Concen: 46.322 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Tgt Ion:	149	Resp:	682321
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.4	11.2
104	6.1	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: 48.619 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

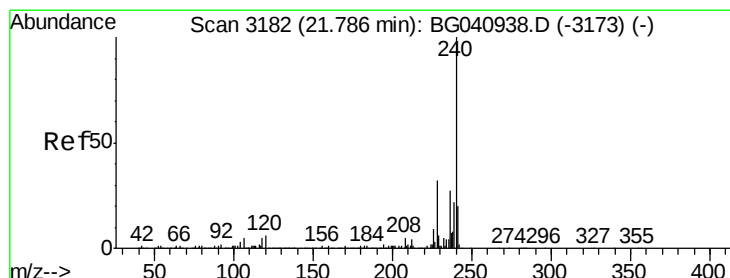
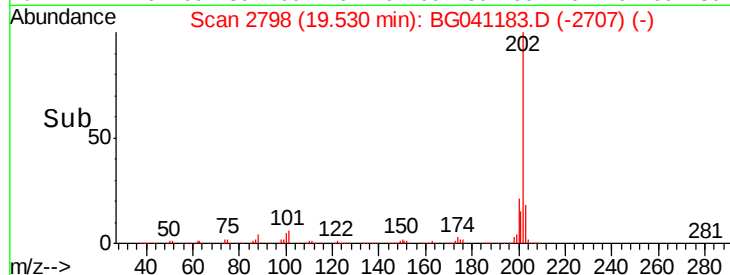
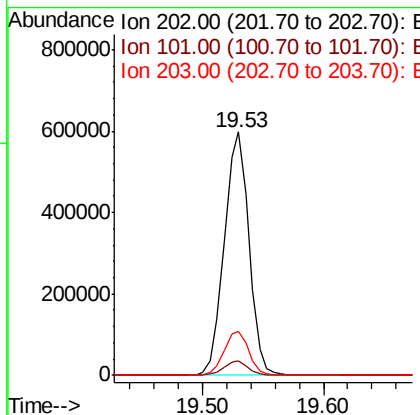
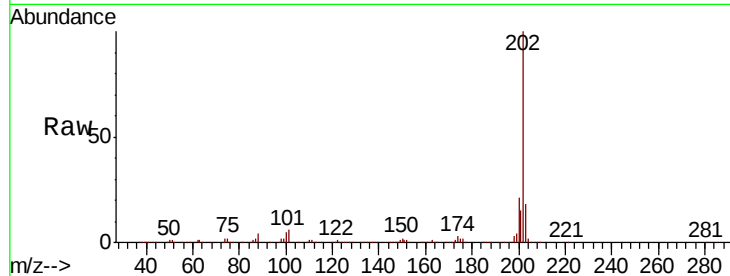
ClientSampleId :

PB120413BS

Tot Ion:	202	Resp:	841006
Ion Ratio	Lower	Upper	
202	100		
101	6.0	0.0	26.2
203	18.3	0.0	38.7

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#76

Chrysene-d12

Concen: 20.000 ng

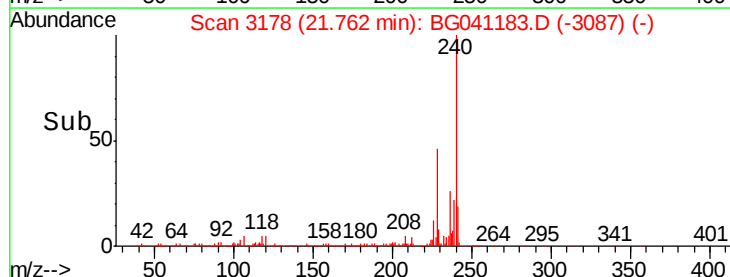
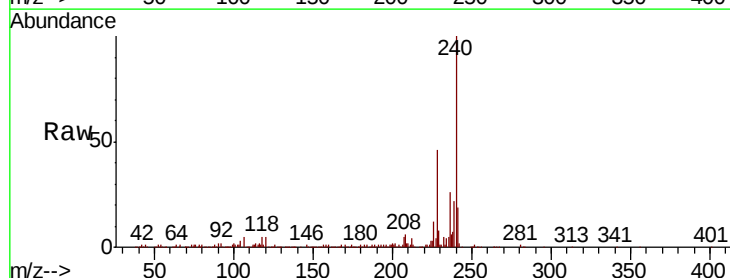
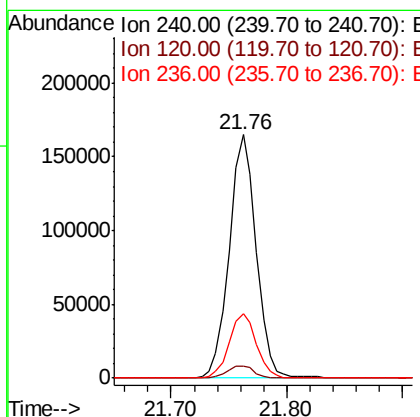
RT: 21.76 min Scan# 3178

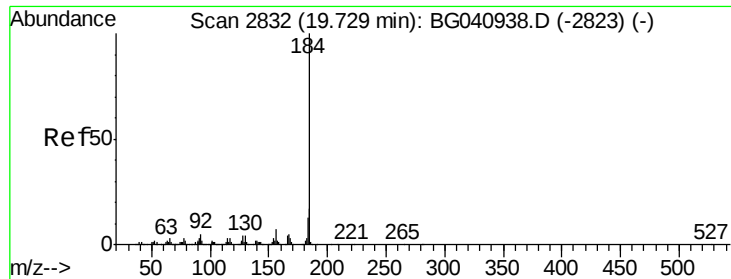
Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Tgt Ion:	240	Resp:	265565
Ion Ratio	Lower	Upper	
240	100		
120	4.7	4.5	6.7
236	26.3	21.3	31.9





#77

Benzidine

Concen: 41.187 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

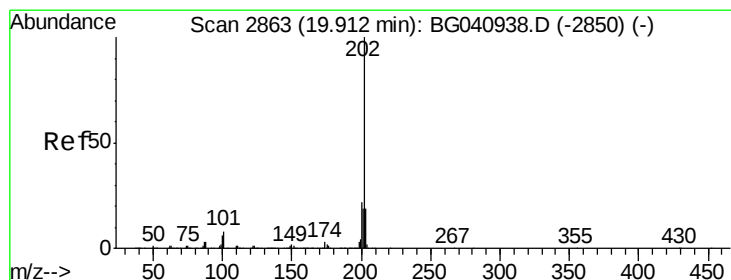
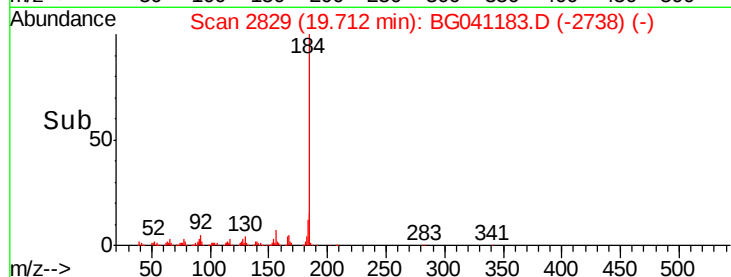
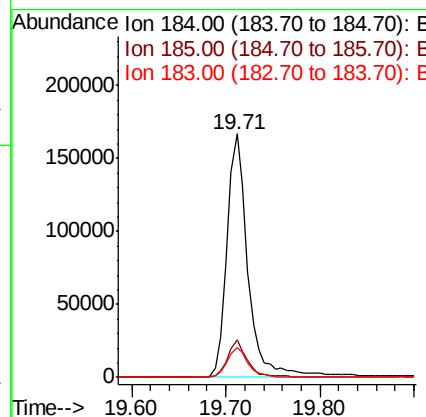
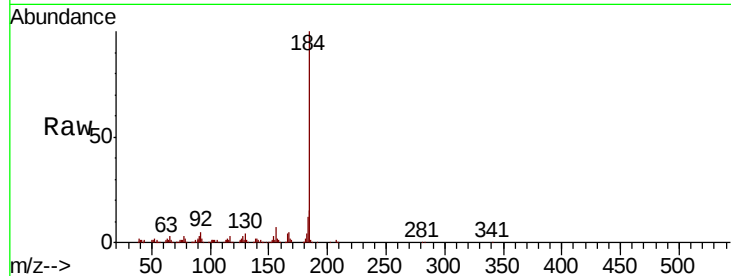
ClientSampleId :

PB120413BS

Tot Ion:	184	Resp:	260928
Ion Ratio	Lower	Upper	
184	100		
185	15.4	13.3	19.9
183	12.4	10.7	16.1

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#78

Pyrene

Concen: 49.231 ng

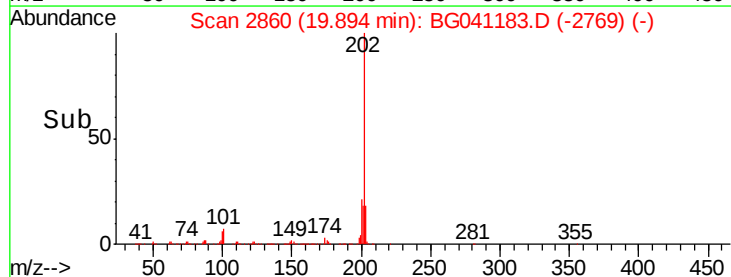
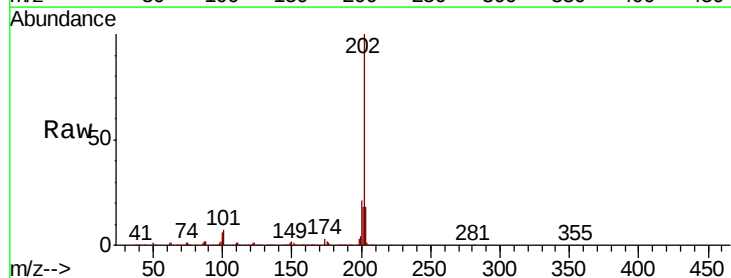
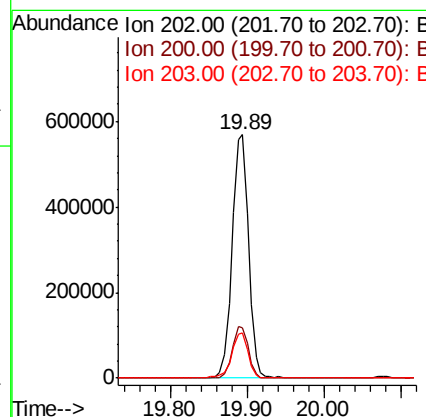
RT: 19.89 min Scan# 2860

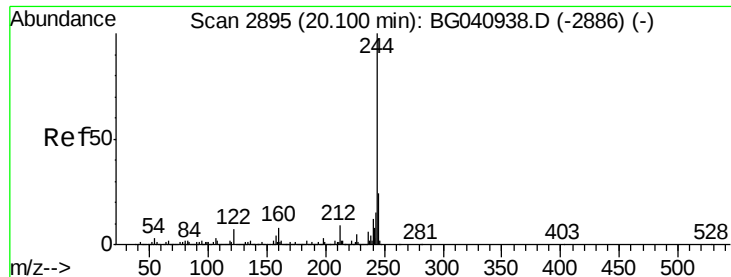
Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Tgt Ion:	202	Resp:	849902
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.5	26.3
203	18.4	15.6	23.4





#79

Terphenyl-d14

Concen: 92.467 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

Instrument :

BNA_G

ClientSampled :

PB120413BS

Tot Ion:244 Resp: 1157028

Ion Ratio Lower Upper

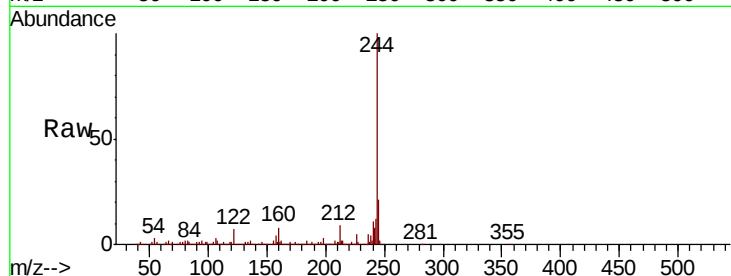
244 100

212 8.6 7.0 10.4

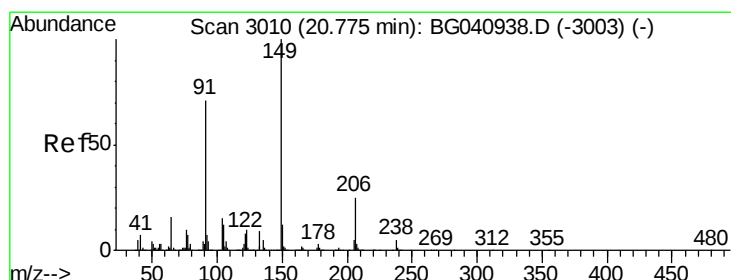
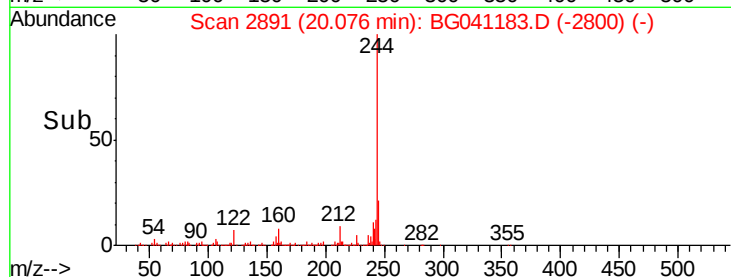
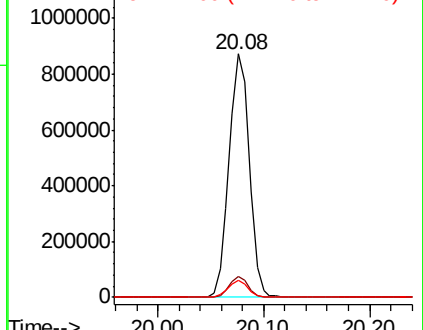
122 7.1 5.4 8.0

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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: 46.623 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041183.D

Acq: 11 Jun 2019 11:00

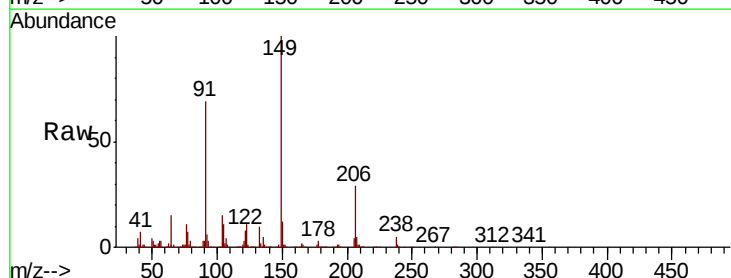
Tgt Ion:149 Resp: 313226

Ion Ratio Lower Upper

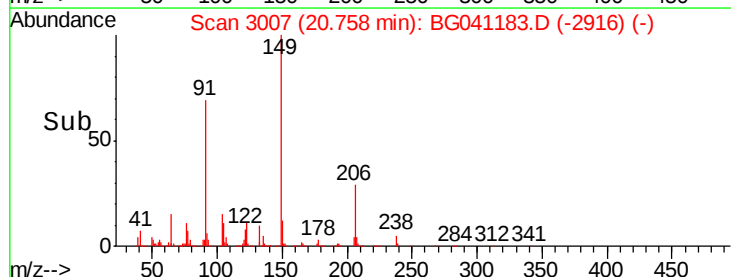
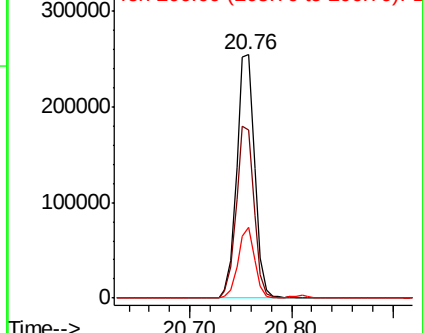
149 100

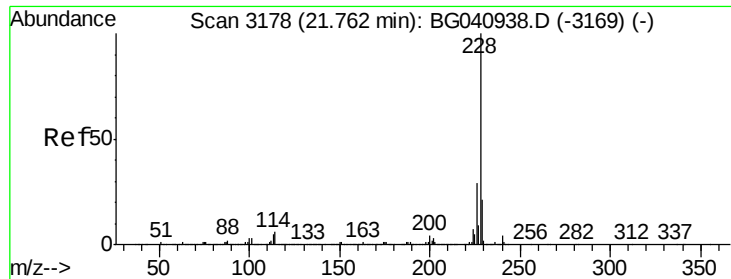
91 69.0 56.5 84.7

206 29.1 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





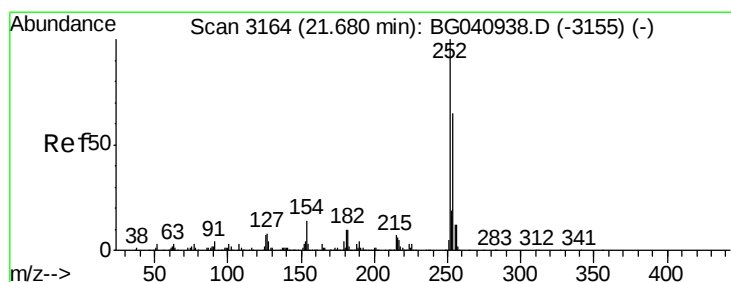
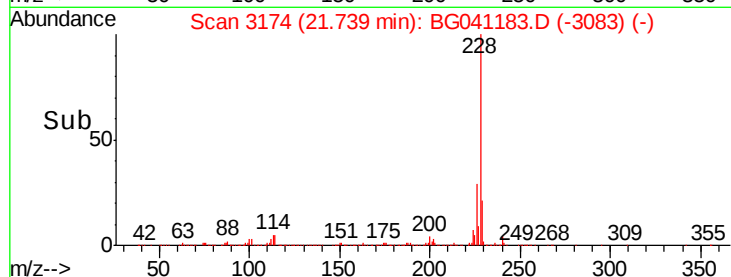
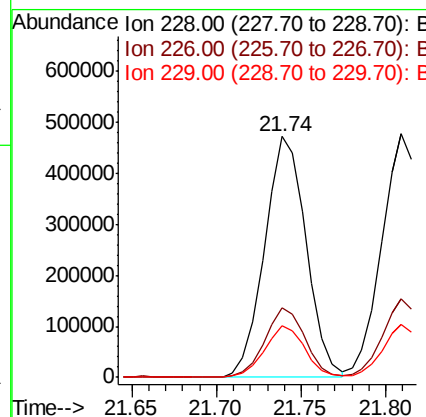
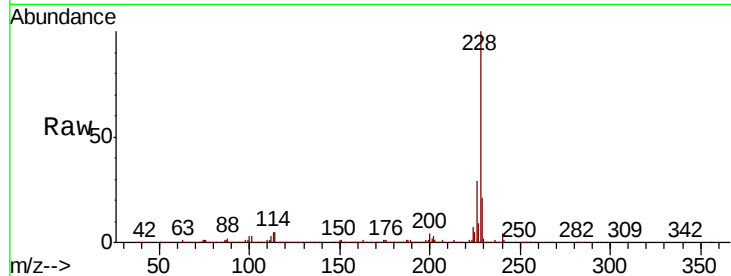
#81
Benzo(a)anthracene
Concen: 45.597 ng
RT: 21.74 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.5	35.3
229	21.3	16.7	25.1

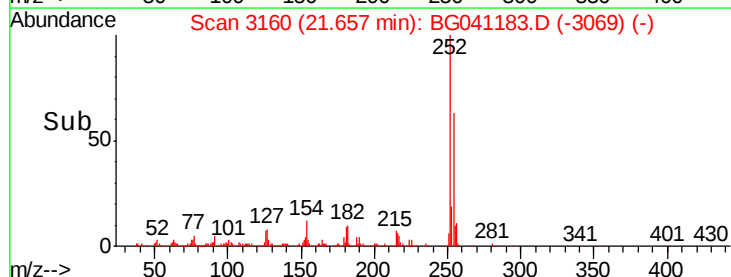
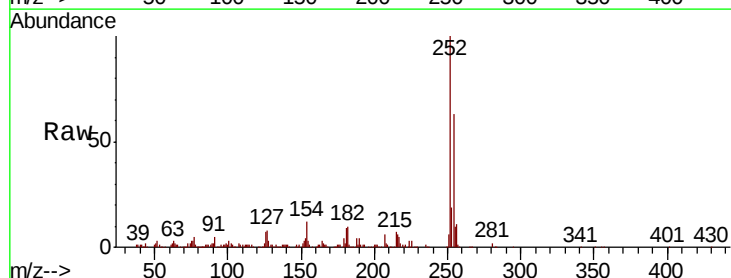
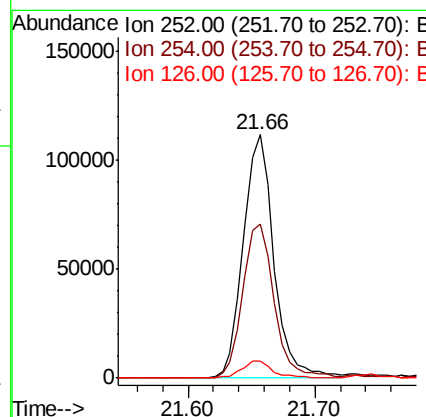
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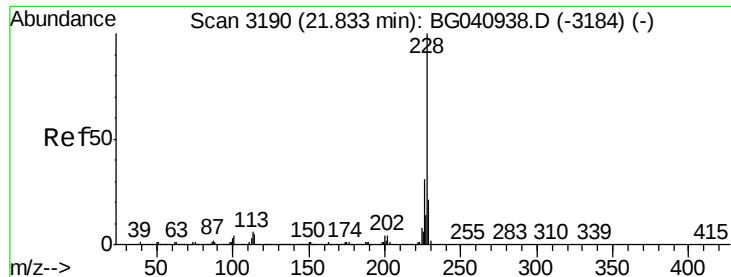
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 30.140 ng
RT: 21.66 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	52.1	78.1
126	7.0	5.5	8.3





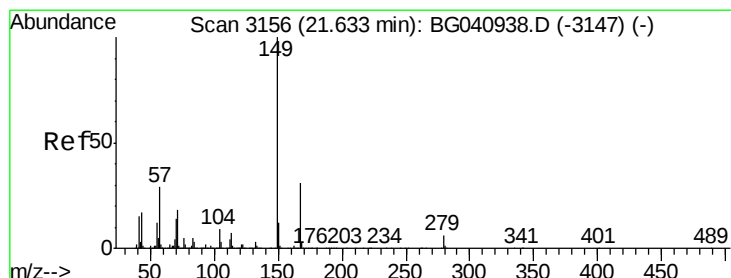
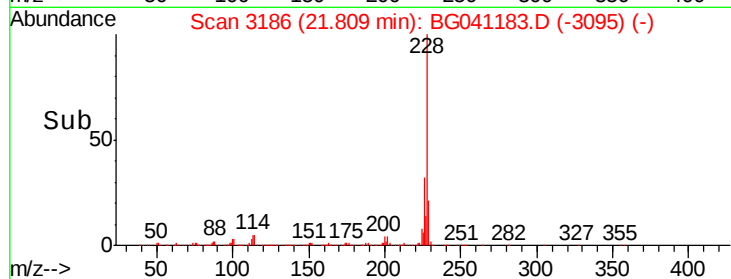
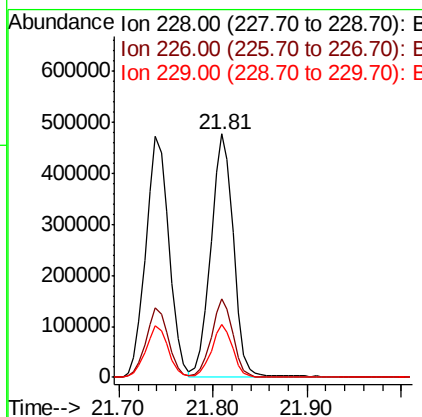
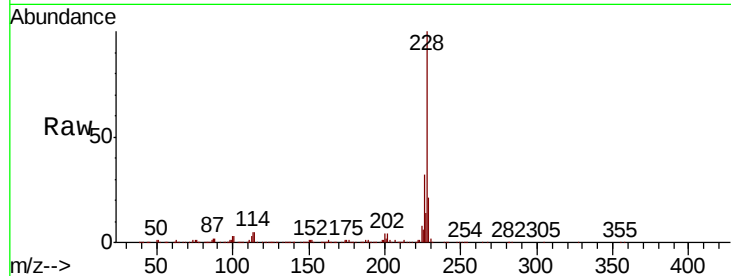
#83
 Chrvsene
 Concen: 47.204 ng
 RT: 21.81 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.6	37.0
229	21.5	16.6	24.8

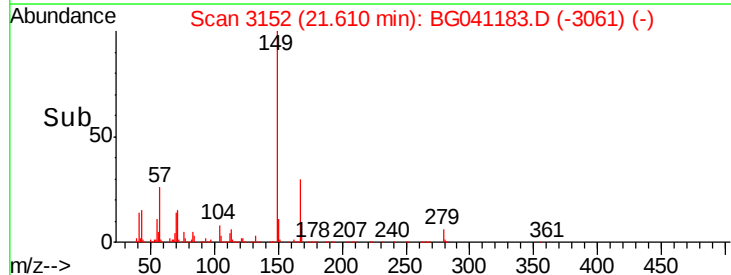
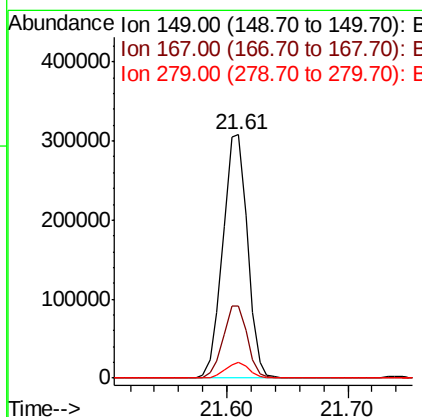
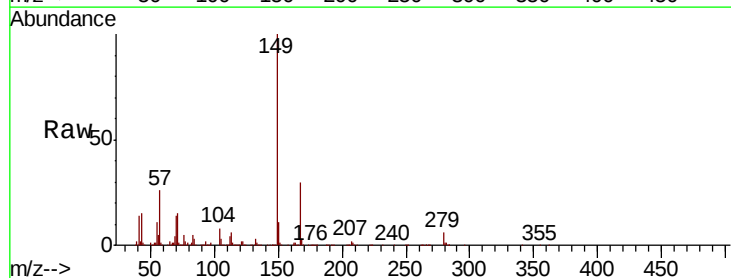
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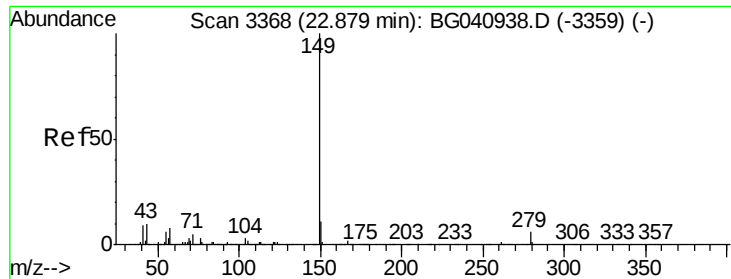
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.040 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: BG041183.D
 Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	24.6	37.0
279	6.5	5.0	7.6





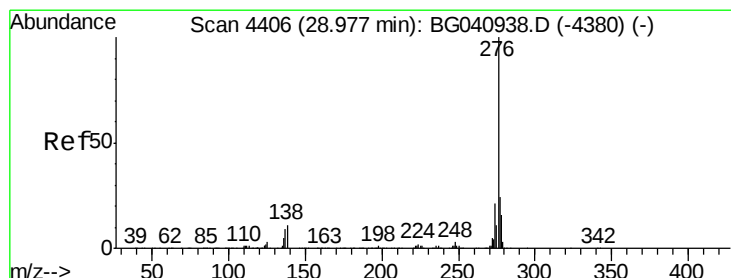
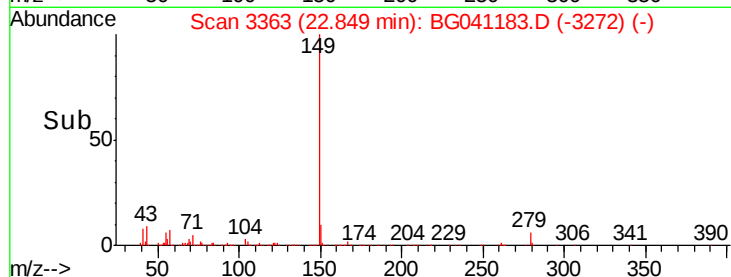
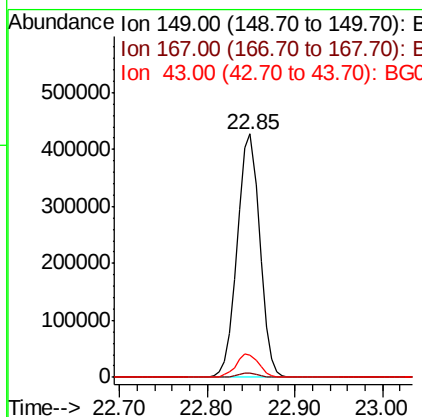
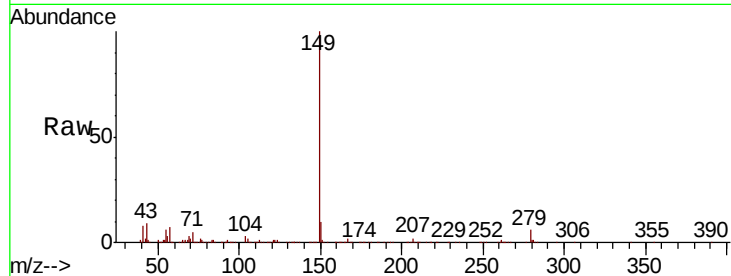
#85
Di-n-octyl phthalate
Concen: 46.900 ng
RT: 22.85 min Scan# 3363
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	738711		
167	1.8		1.4	2.0
43	9.6		8.1	12.1

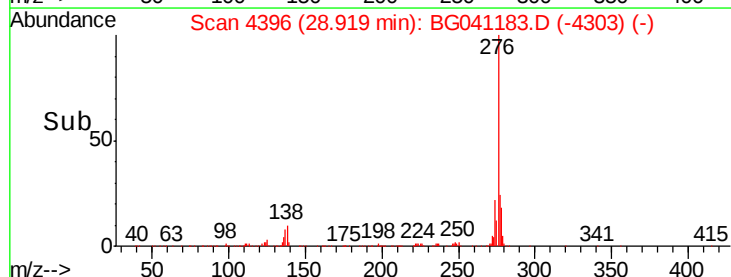
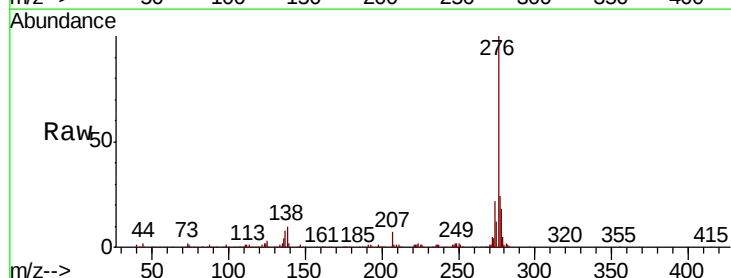
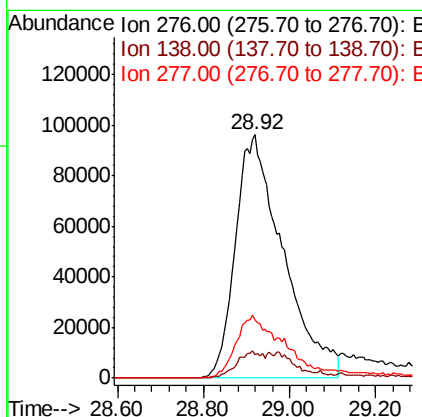
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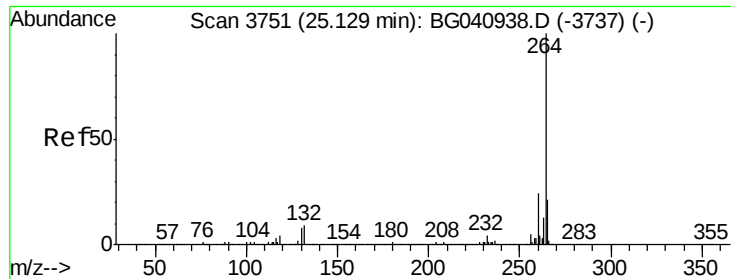
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#86
Indeno(1,2,3-cd)pyrene
Concen: 35.942 ng
RT: 28.92 min Scan# 4396
Delta R.T. 0.01 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	744806		
138	6.0		5.7	8.5
277	25.7		20.8	31.2





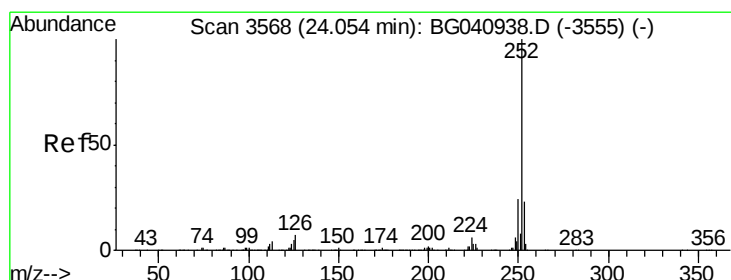
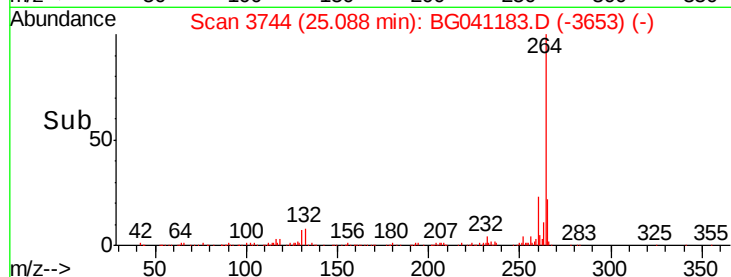
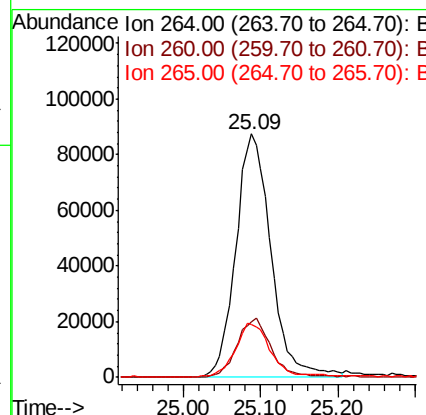
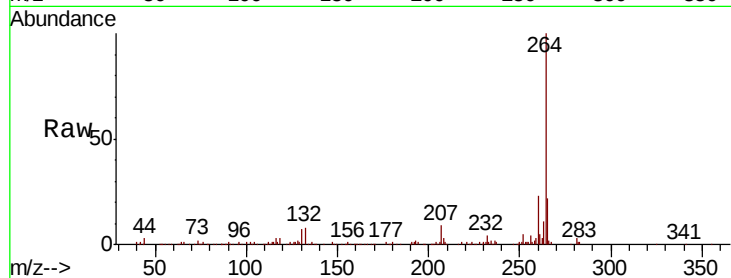
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	21.9	17.0	25.4

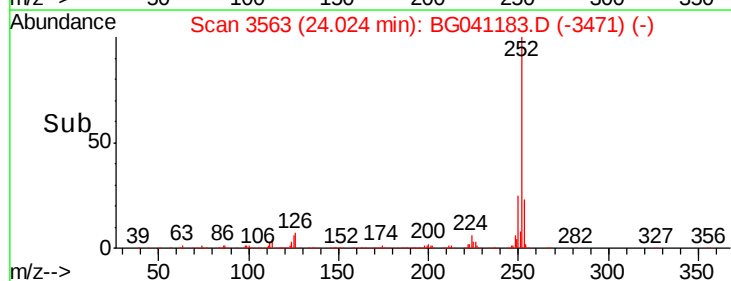
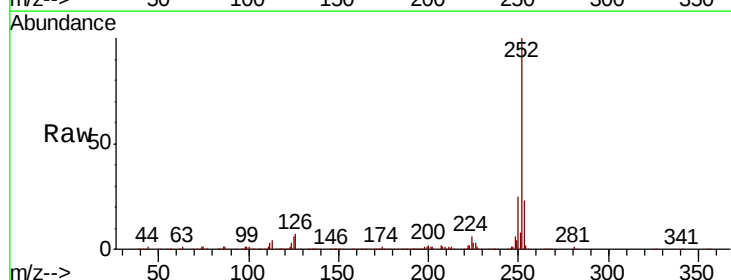
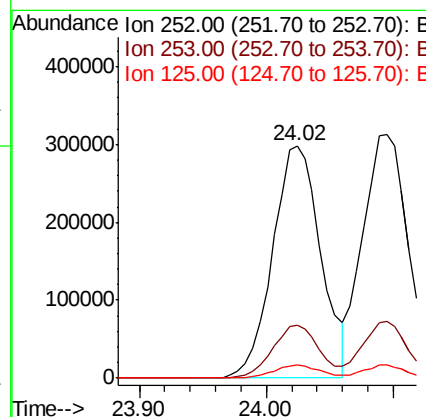
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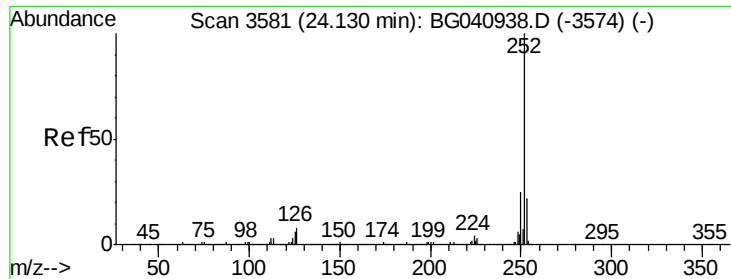
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#88
Benzo(b)fluoranthene
Concen: 46.452 ng
RT: 24.02 min Scan# 3563
Delta R.T. 0.01 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	5.7	4.3	6.5





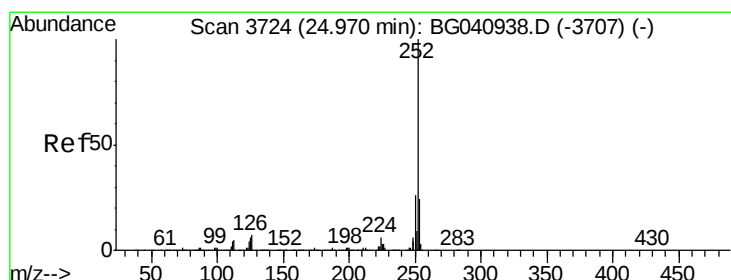
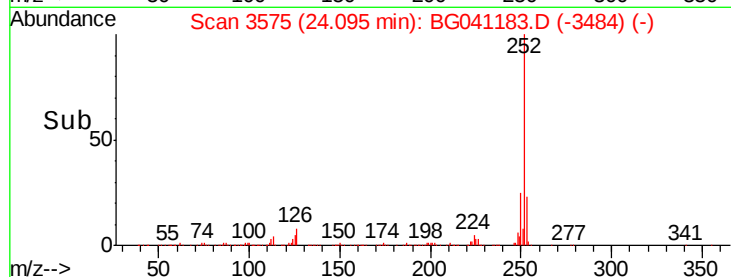
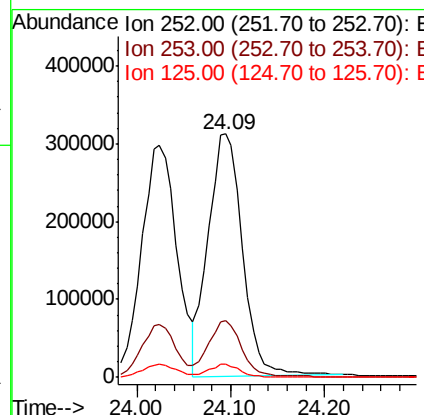
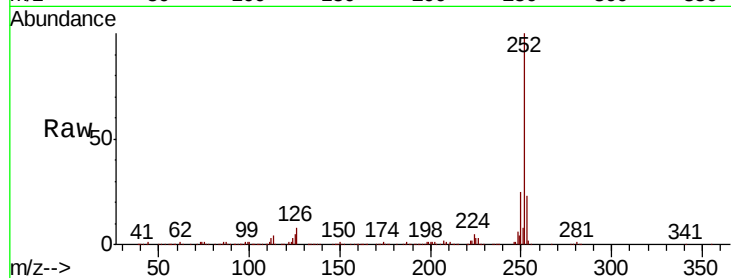
#89
Benzo(k)fluoranthene
Concen: 47.193 ng
RT: 24.09 min Scan# 3575
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	5.2	4.7	7.1

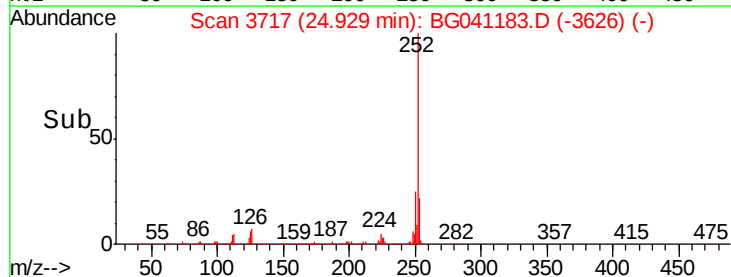
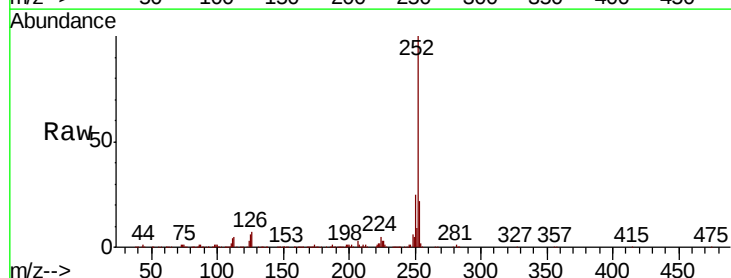
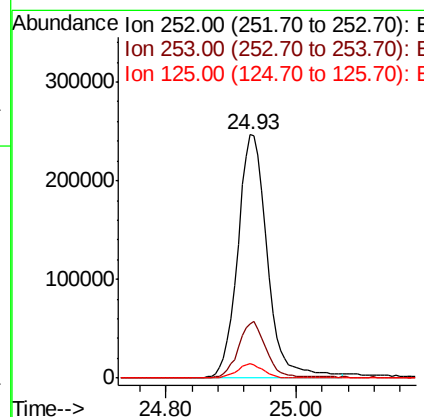
Manual Integrations
APPROVED

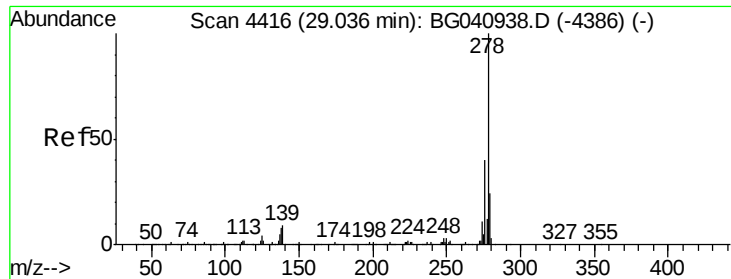
mohammad
6/14/2019 8:38:19 AM



#90
Benzo(a)pyrene
Concen: 47.864 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.00 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.5	29.3
125	6.0	5.1	7.7





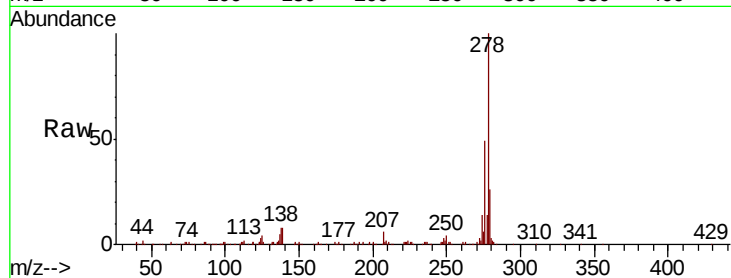
#91
Dibenzo(a,h)anthracene
Concen: 39.215 ng
RT: 28.98 min Scan# 4407
Delta R.T. 0.02 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.8	7.1	10.7
279	25.7	19.4	29.2

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:19 AM

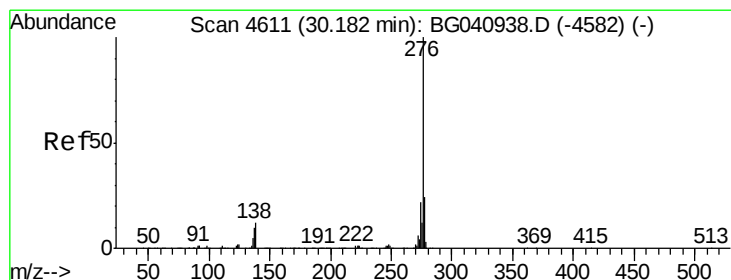
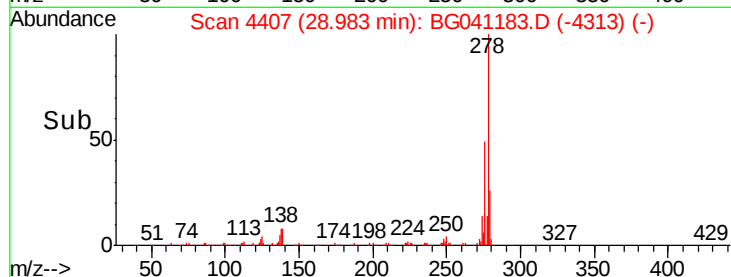
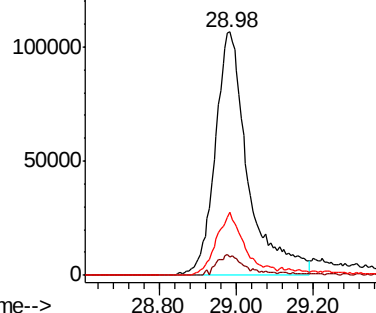


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.308 ng
RT: 30.13 min Scan# 4602
Delta R.T. 0.01 min
Lab File: BG041183.D
Acq: 11 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.4	29.0
138	10.1	9.7	14.5

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

