

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\
 Data File : BG041169.D
 Acq On : 10 Jun 2019 18:54
 Operator : HP/JU
 Sample : PB120476BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120476BS

Manual Integrations
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mohammad
 6/14/2019 8:40:02 AM

Quant Time: Jun 11 05:03:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	41406	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	175306	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	127309	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	317766	20.00	ng	0.00
76) Chrysene-d12	21.76	240	313908	20.00	ng	0.00
87) Perylene-d12	25.09	264	314703	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	365741	159.28	ng	0.00
7) Phenol-d6	7.26	99	549823	155.04	ng	0.01
23) Nitrobenzene-d5	9.29	82	367530	93.07	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	284245	150.39	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	858178	97.08	ng	0.00
79) Terphenyl-d14	20.08	244	1464643	99.03	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	35539	34.107	ng	# 93
3) Pyridine	3.91	79	103202	33.472	ng	98
4) n-Nitrosodimethylamine	3.83	42	63781	44.573	ng	92
6) Aniline	7.43	93	93981	19.854	ng	100
8) 2-Chlorophenol	7.66	128	131080	47.882	ng	96
9) Benzaldehyde	7.25	77	44312	20.947	ng	91
10) Phenol	7.29	94	180967	47.593	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	117478	42.589	ng	98
12) 1,3-Dichlorobenzene	7.99	146	136136	41.637	ng	97
13) 1,4-Dichlorobenzene	8.14	146	138098	41.727	ng	99
14) 1,2-Dichlorobenzene	8.46	146	134859	41.967	ng	97
15) Benzyl Alcohol	8.35	79	148616	45.303	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.63	45	179459	39.814	ng	99
17) 2-Methylphenol	8.54	107	127837	46.434	ng	98
18) Hexachloroethane	9.19	117	51543	40.408	ng	93
19) n-Nitroso-di-n-propylamine	8.92	70	114653	42.012	ng	98
20) 3+4-Methylphenols	8.87	107	170648	44.748	ng	95
22) Acetophenone	8.94	105	217138	44.155	ng	97
24) Nitrobenzene	9.33	77	177239	44.043	ng	99
25) Isophorone	9.84	82	315227	41.946	ng	98
26) 2-Nitrophenol	10.04	139	79627	47.997	ng	89
27) 2,4-Dimethylphenol	10.08	122	140552	51.297	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	172385	42.501	ng	100
29) 2,4-Dichlorophenol	10.57	162	161235	46.340	ng	95
30) 1,2,4-Trichlorobenzene	10.78	180	170709	43.129	ng	98
31) Naphthalene	10.98	128	415331	44.126	ng	98
32) Benzoic acid	10.24	122	99198m	46.805	ng	
33) 4-Chloroaniline	11.10	127	42714	9.781	ng	96
34) Hexachlorobutadiene	11.24	225	122795	40.545	ng	97
35) Caprolactam	11.89	113	45353m	39.472	ng	
36) 4-Chloro-3-methylphenol	12.20	107	178416	44.899	ng	98
37) 2-Methylnaphthalene	12.58	142	319246	44.039	ng	99
38) 1-Methylnaphthalene	12.79	142	307205	44.971	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	236799	46.148	ng	99

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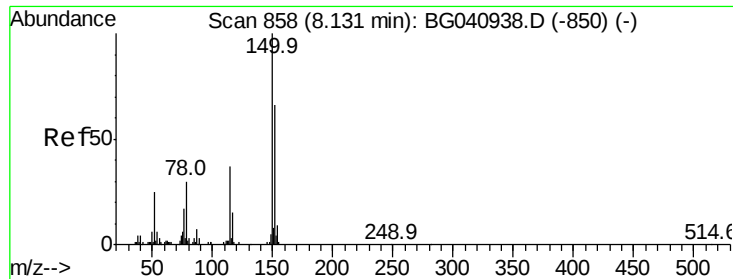
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	275978	97.990	nq	98
43) 2,4,6-Trichlorophenol	13.18	196	152833	46.042	nq	94
44) 2,4,5-Trichlorophenol	13.25	196	163545	46.716	nq	98
46) 1,1'-Biphenyl	13.57	154	434728	46.132	nq	100
47) 2-Chloronaphthalene	13.62	162	360413	44.550	nq	99
48) 2-Nitroaniline	13.83	65	130500	44.964	nq	93
49) Acenaphthylene	14.47	152	558834	45.896	nq	99
50) Dimethylphthalate	14.19	163	463293	42.990	nq	100
51) 2,6-Dinitrotoluene	14.32	165	103768	44.659	nq	98
52) Acenaphthene	14.80	154	326704	44.292	nq	98
53) 3-Nitroaniline	14.66	138	55862	24.042	nq	99
54) 2,4-Dinitrophenol	14.86	184	138496	102.266	nq	92
55) Dibenzofuran	15.14	168	566772	45.665	nq	97
56) 4-Nitrophenol	14.96	139	155712	97.705	nq	96
57) 2,4-Dinitrotoluene	15.10	165	150087	45.727	nq	# 97
58) Fluorene	15.78	166	447591	45.283	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	166877	48.505	nq	98
60) Diethylphthalate	15.54	149	463995	42.189	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	281016	43.740	nq	98
62) 4-Nitroaniline	15.82	138	104832	42.618	nq	97
63) Azobenzene	16.06	77	437887	43.806	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	95459	54.618	nq	98
66) n-Nitrosodiphenylamine	15.99	169	403623	45.185	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	183666	42.829	nq	98
68) Hexachlorobenzene	16.78	284	193124	42.292	nq	98
69) Atrazine	16.93	200	165184	47.924	nq	98
70) Pentachlorophenol	17.12	266	235073	95.239	nq	95
71) Phenanthrene	17.53	178	758126	45.803	nq	99
72) Anthracene	17.62	178	778970	47.717	nq	100
73) Carbazole	17.89	167	671549	47.943	nq	100
74) Di-n-butylphthalate	18.42	149	773383	44.424	nq	99
75) Fluoranthene	19.53	202	965711	47.236	nq	99
77) Benzidine	19.71	184	186413	24.894	nq	95
78) Pyrene	19.89	202	969628	47.517	nq	99
80) Butylbenzylphthalate	20.75	149	361184	45.482	nq	98
81) Benzo(a)anthracene	21.74	228	937823	44.881	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	162157	22.064	nq	96
83) Chrysene	21.81	228	926757	46.346	nq	97
84) Bis(2-ethylhexyl)phthalate	21.61	149	487424	43.602	nq	100
85) Di-n-octyl phthalate	22.85	149	827829	44.464	nq	99
86) Indeno(1,2,3-cd)pyrene	28.90	276	898397	36.677	nq	98
88) Benzo(b)fluoranthene	24.02	252	904745	47.399	nq	100
89) Benzo(k)fluoranthene	24.09	252	924068	48.922	nq	98
90) Benzo(a)pyrene	24.93	252	889846	48.863	nq	96
91) Dibenzo(a,h)anthracene	28.98	278	726393	39.919	nq	99
92) Benzo(g,h,i)perylene	30.13	276	712769	40.318	nq	98

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



#1

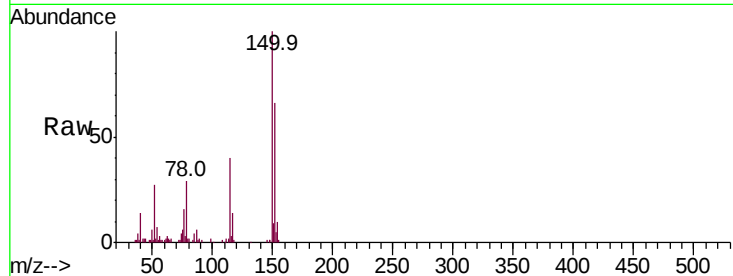
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	120.6	180.8
115	60.7	45.1	67.7

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Abundance

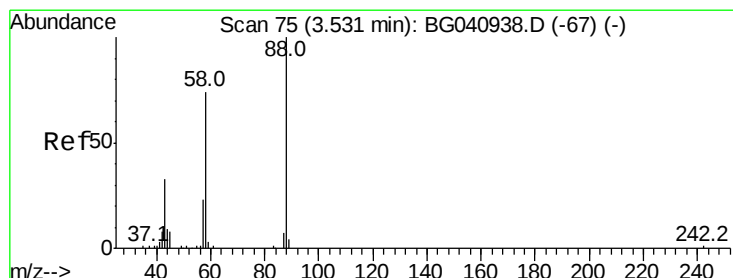
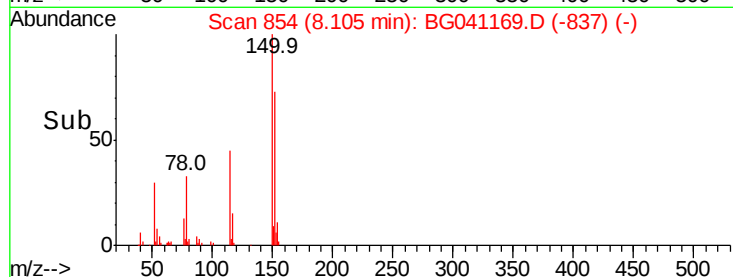
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

8.10

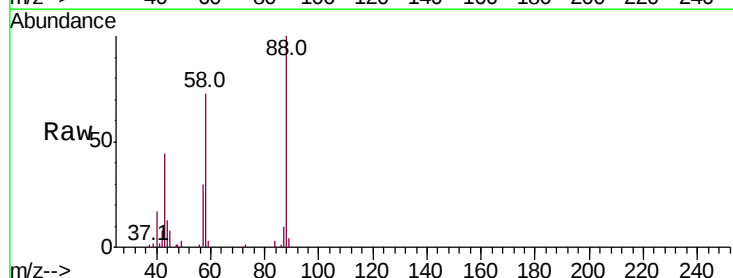
Time-->



#2

1,4-Dioxane
Concen: 34.107 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.0	59.0	88.6
43	42.2	27.2	40.8



Abundance

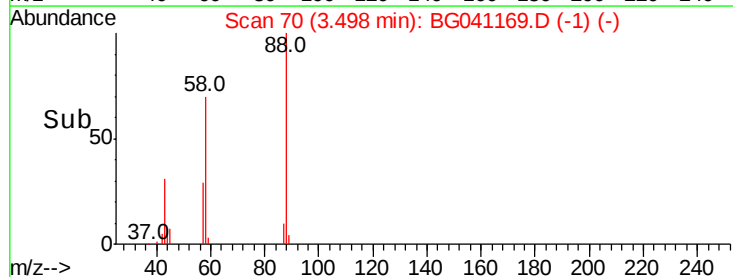
Ion 88.00 (87.70 to 88.70): BGC

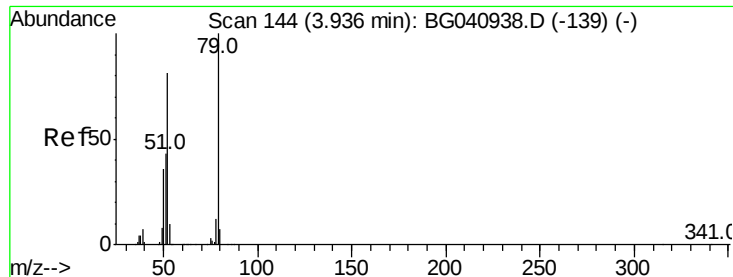
Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

3.50

Time-->





#3

Pvridine

Concen: 33.472 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

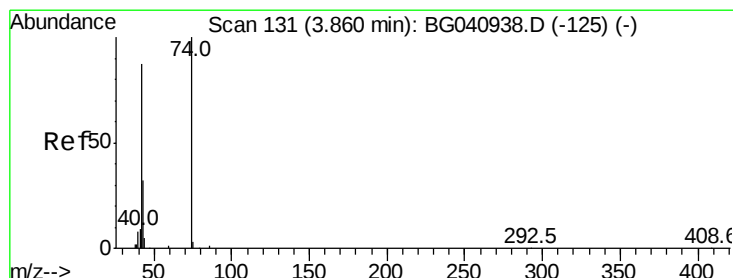
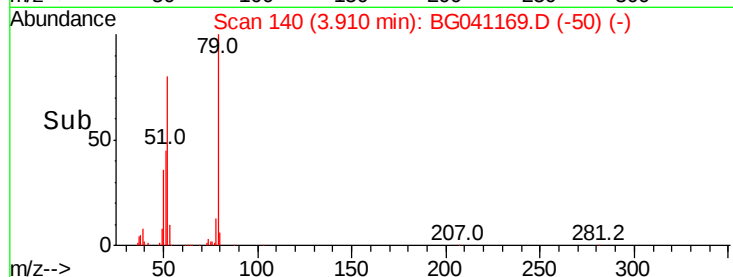
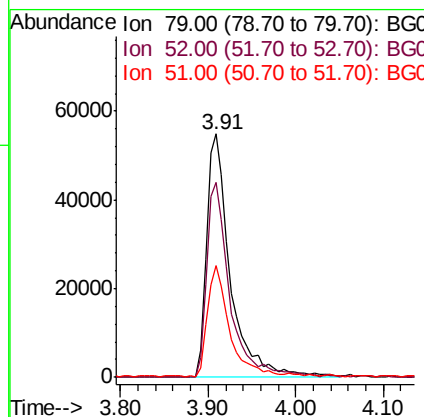
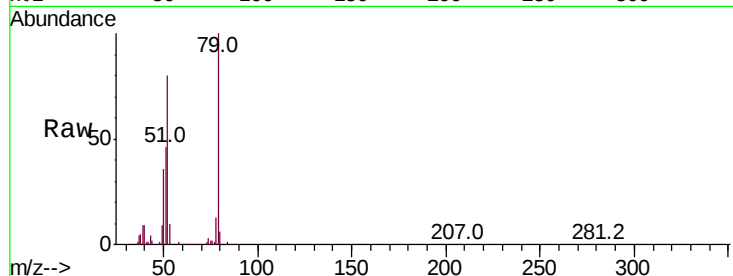
ClientSampleId :

PB120476BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.0	64.8	97.2
51	46.2	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 44.573 ng

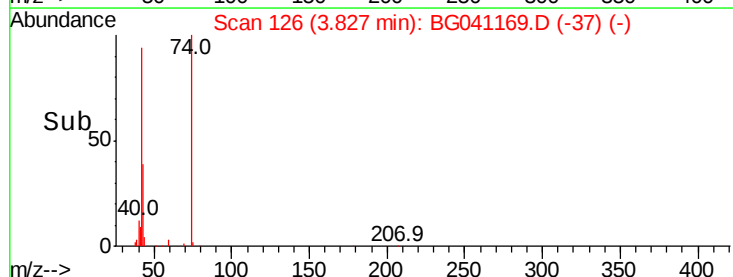
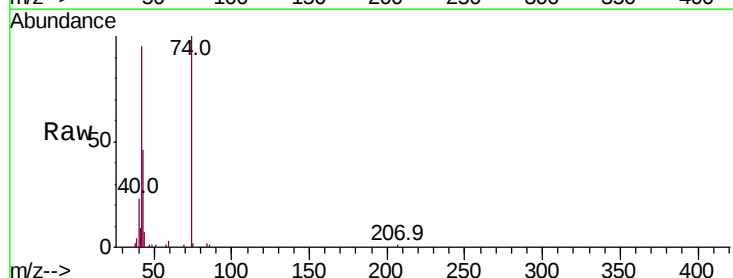
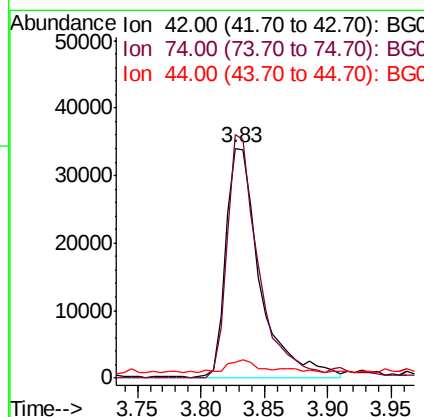
RT: 3.83 min Scan# 126

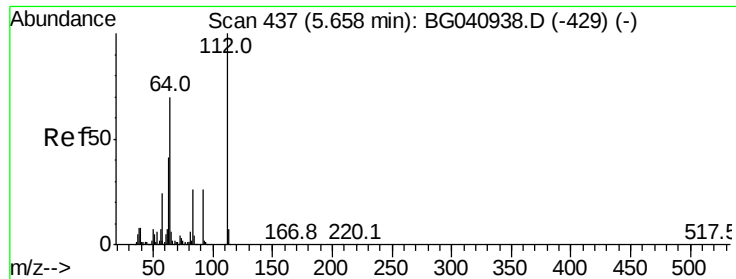
Delta R.T. -0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	105.8	91.8	137.6
44	7.0	6.0	9.0





#5

2-Fluorophenol

Concen: 159.278 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

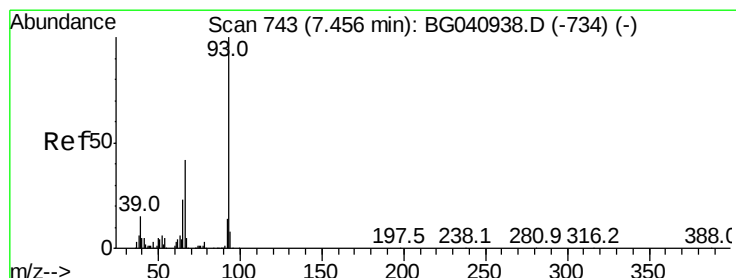
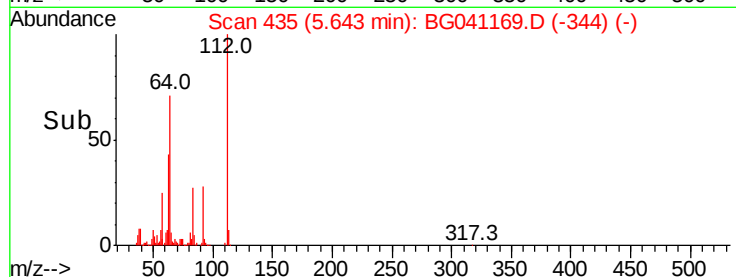
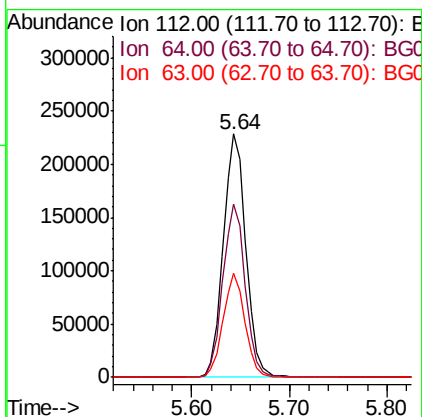
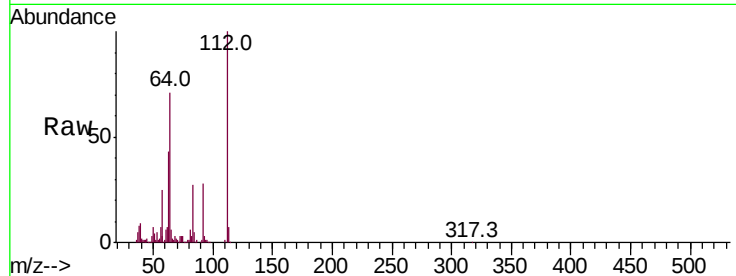
ClientSampleId :

PB120476BS

Tot Ion:	112	Resp:	365741
Ion Ratio	Lower	Upper	
112	100		
64	71.4	56.2	84.2
63	42.5	32.8	49.2

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#6

Aniline

Concen: 19.854 ng

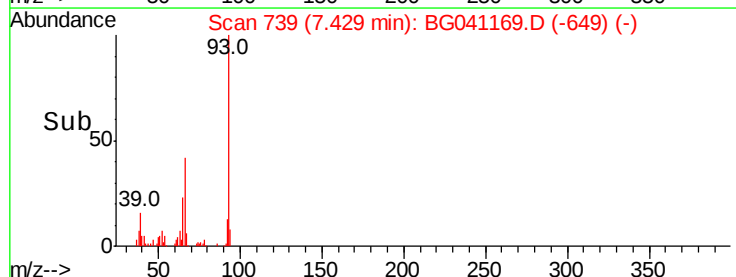
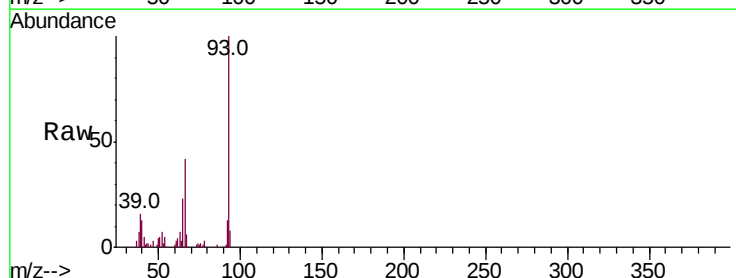
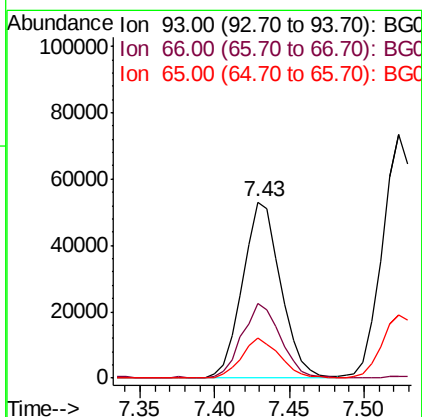
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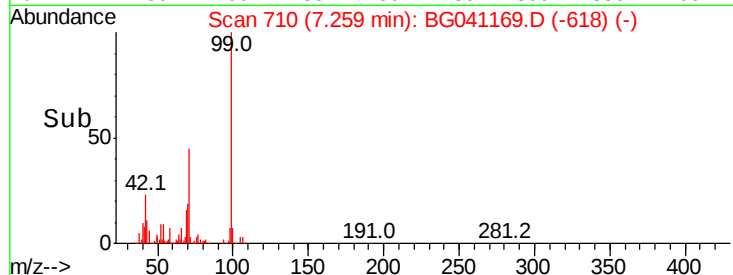
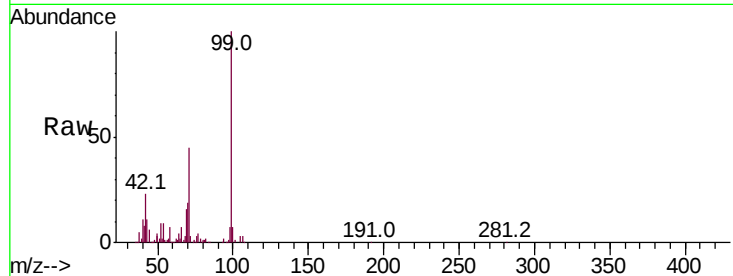
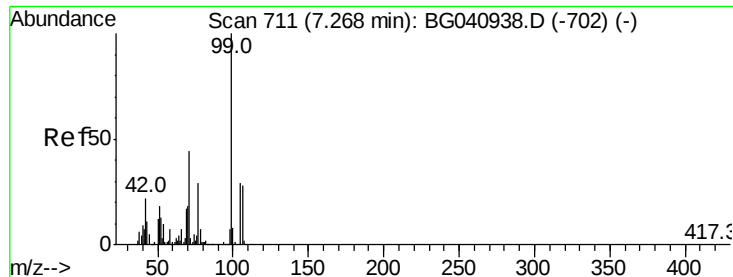
Delta R.T. -0.00 min

Lab File: BG041169.D

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Tgt Ion:	93	Resp:	93981
Ion Ratio	Lower	Upper	
93	100		
66	42.4	33.8	50.8
65	23.1	18.3	27.5





#7

Phenol-d6

Concen: 155.041 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		549823		
42	23.1	17.9	26.9		
71	45.3	35.4	53.0		

Instrument :

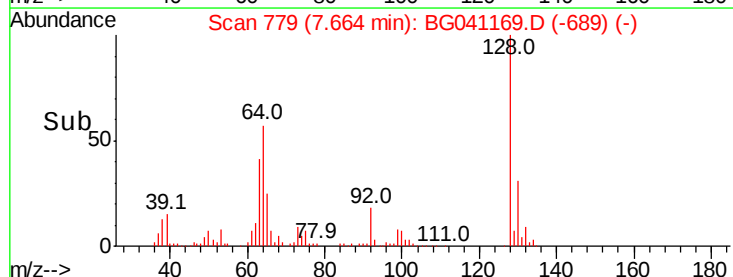
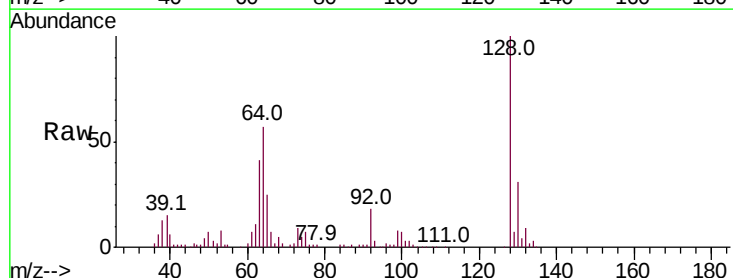
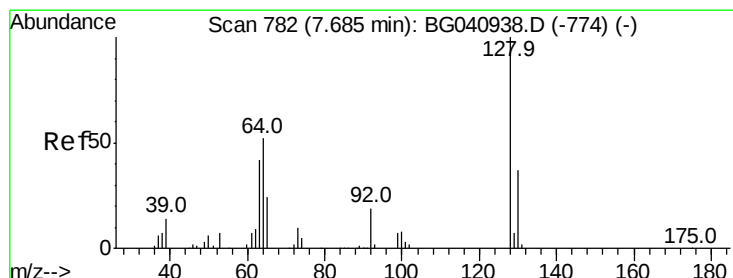
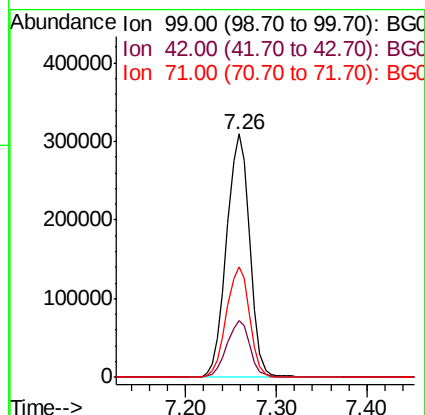
BNA_G

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#8

2-Chlorophenol

Concen: 47.882 ng

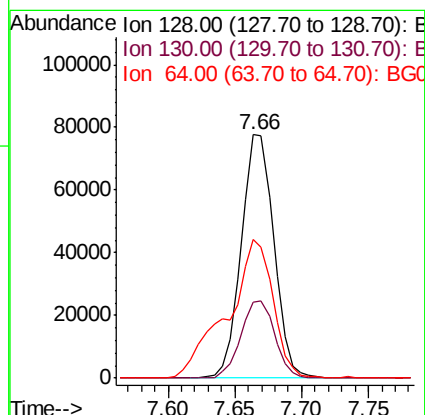
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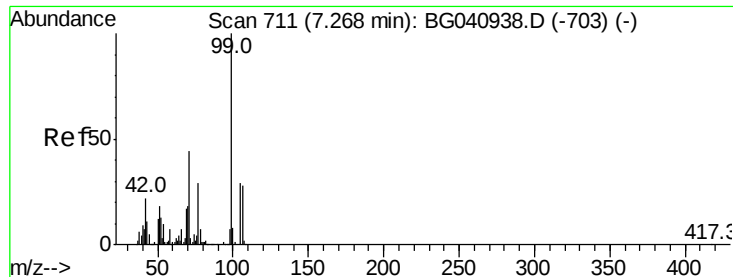
Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		131080		
130	31.0	16.6	56.6		
64	57.0	37.8	77.8		





#9

Benzaldehyde

Concen: 20.947 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

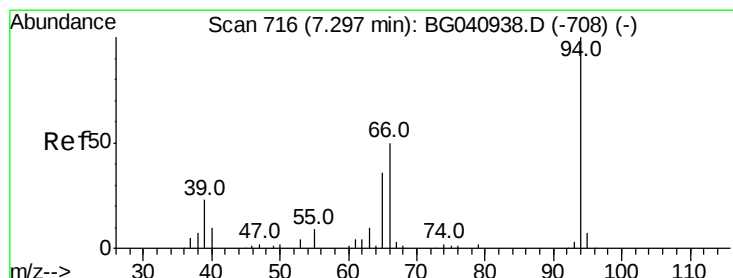
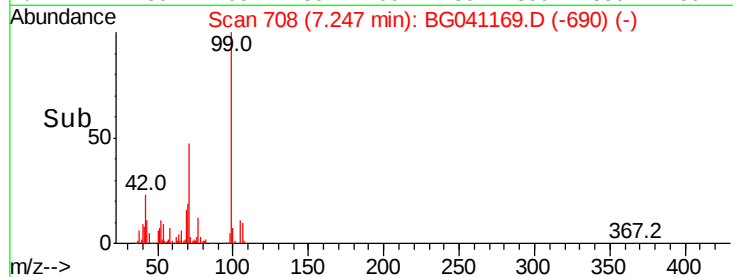
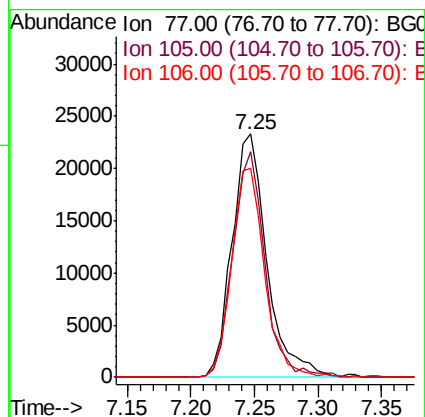
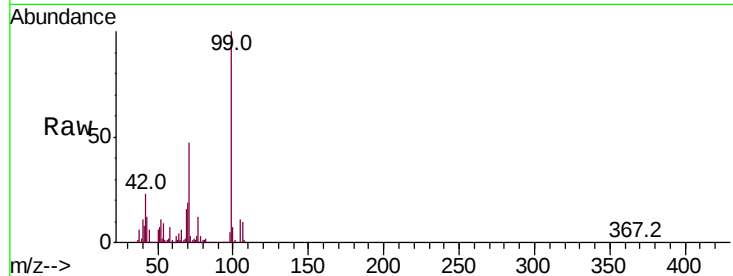
ClientSampleId :

PB120476BS

Tot Ion:	77	Resp:	44312
Ion	Ratio	Lower	Upper
77	100		
105	92.8	78.9	118.9
106	85.6	76.7	116.7

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#10

Phenol

Concen: 47.593 ng

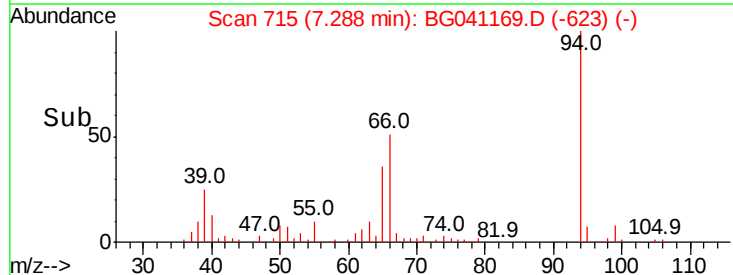
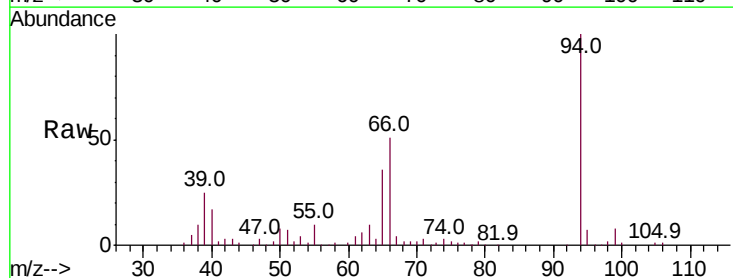
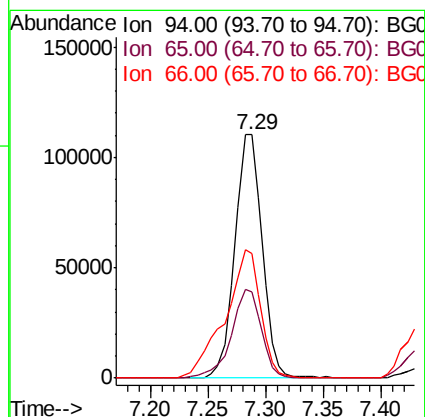
RT: 7.29 min Scan# 715

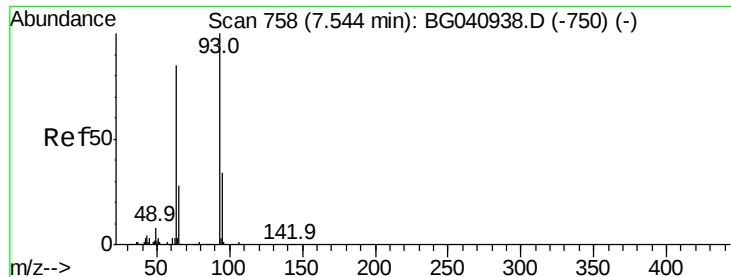
Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Tgt Ion:	94	Resp:	180967
Ion	Ratio	Lower	Upper
94	100		
65	35.6	17.0	57.0
66	51.3	32.4	72.4





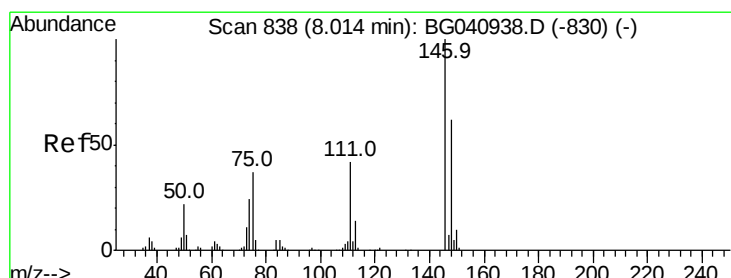
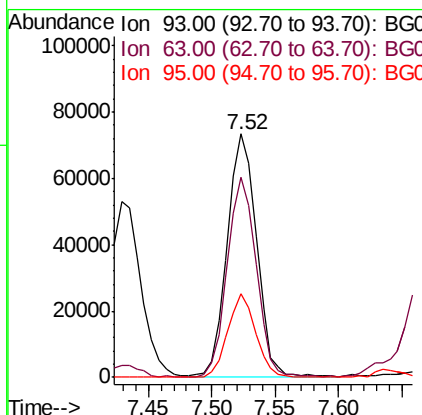
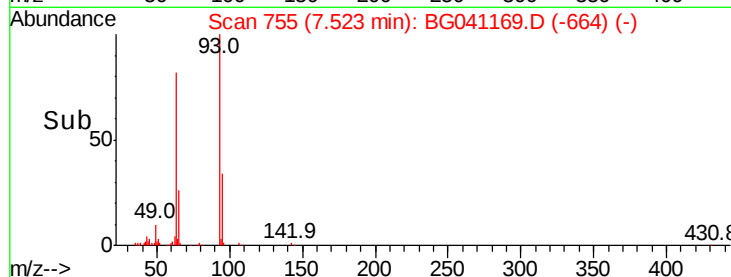
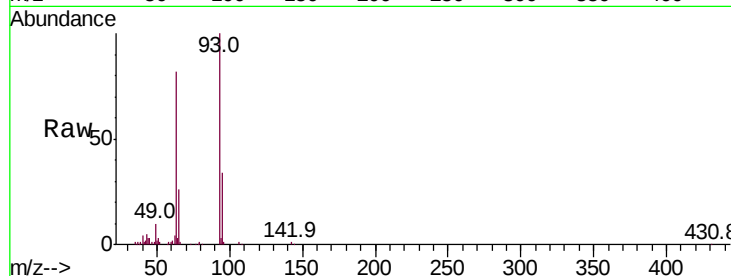
#11
bis(2-Chloroethyl)ether
Concen: 42.589 ng
RT: 7.52 min Scan# 755
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	82.4	64.5	104.5	
95	34.2	13.3	53.3	

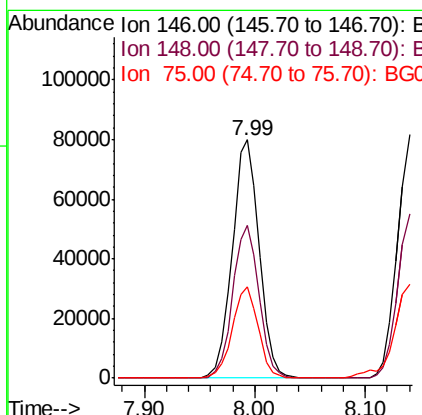
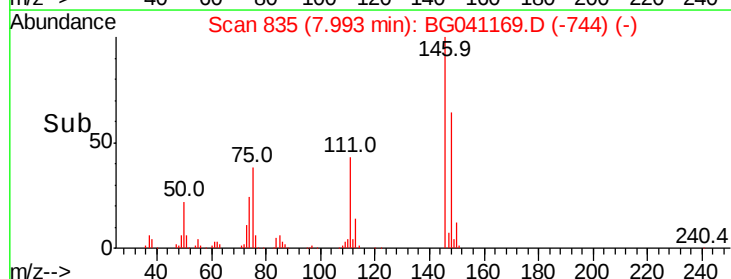
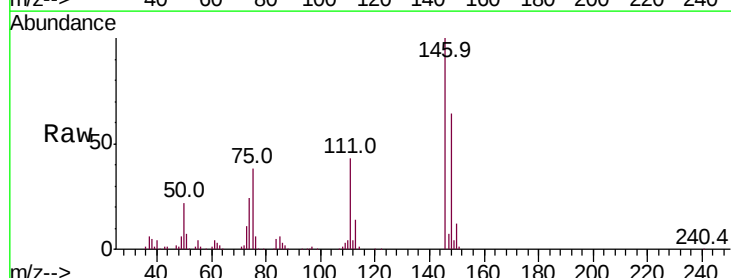
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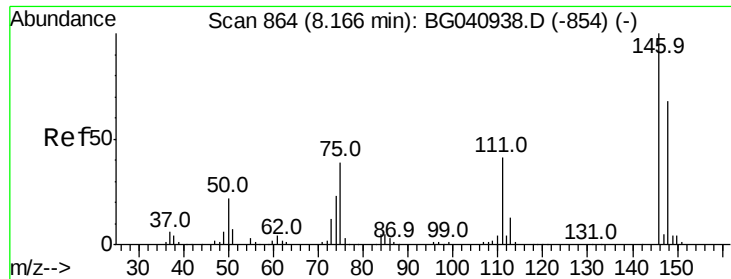
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.637 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.0	49.2	73.8	
75	38.1	29.4	44.0	





#13

1,4-Dichlorobenzene

Concen: 41.727 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

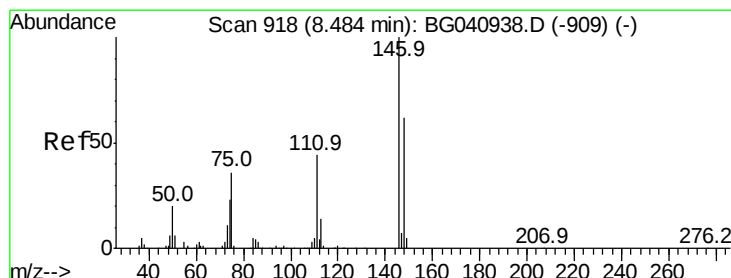
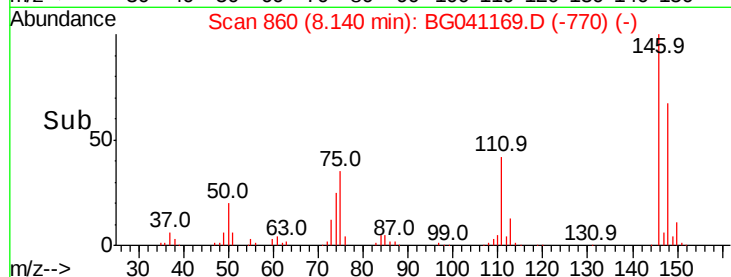
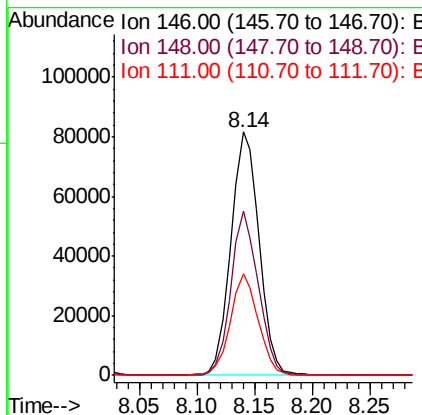
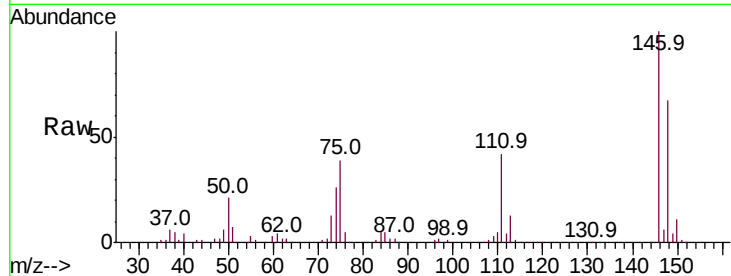
ClientSampleId :

PB120476BS

Tot Ion:	146	Resp:	138098
Ion Ratio	Lower	Upper	
146	100		
148	67.5	54.2	81.4
111	41.7	32.9	49.3

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#14

1,2-Dichlorobenzene

Concen: 41.967 ng

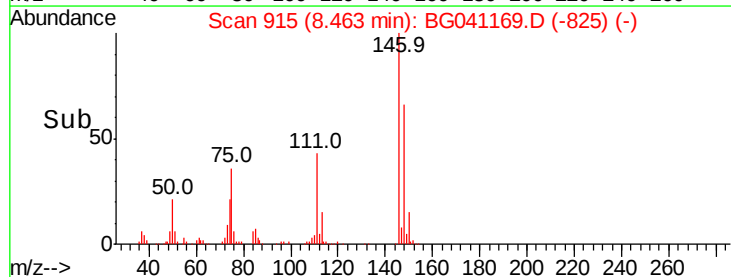
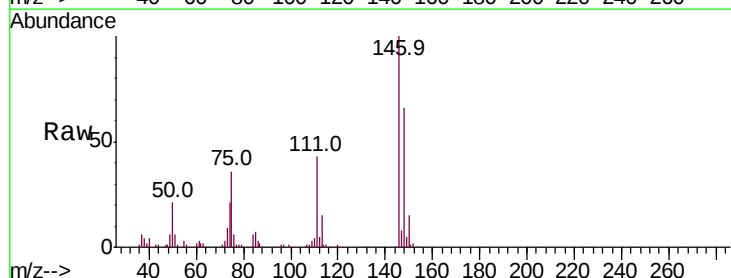
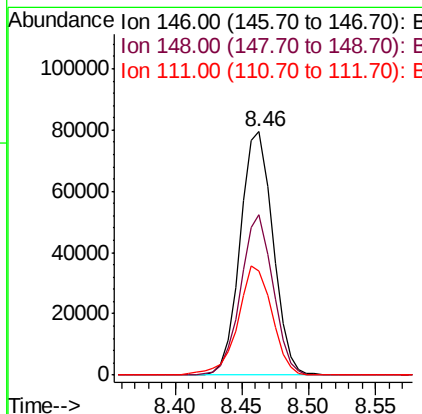
RT: 8.46 min Scan# 915

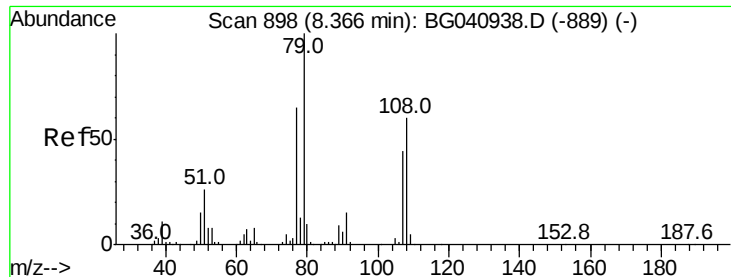
Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Tgt Ion:	146	Resp:	134859
Ion Ratio	Lower	Upper	
146	100		
148	65.6	49.8	74.6
111	42.8	35.0	52.4





#15

Benzyl Alcohol

Concen: 45.303 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

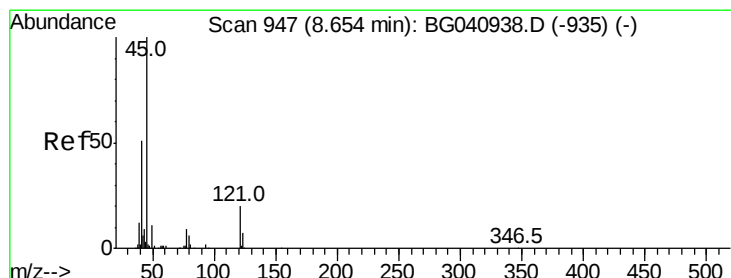
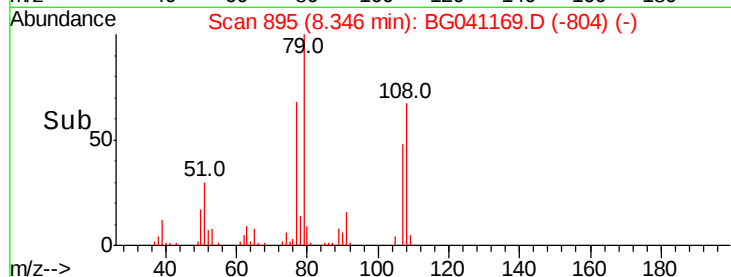
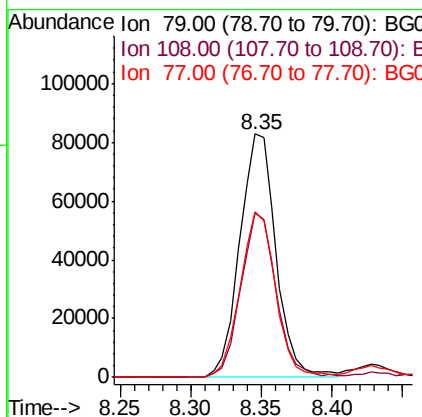
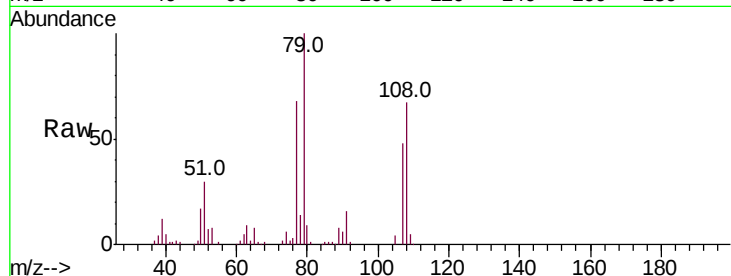
ClientSampleId :

PB120476BS

Tot Ion:	79	Resp:	148616
Ion Ratio	Lower	Upper	
79	100		
108	67.4	48.3	72.5
77	67.9	52.3	78.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.814 ng

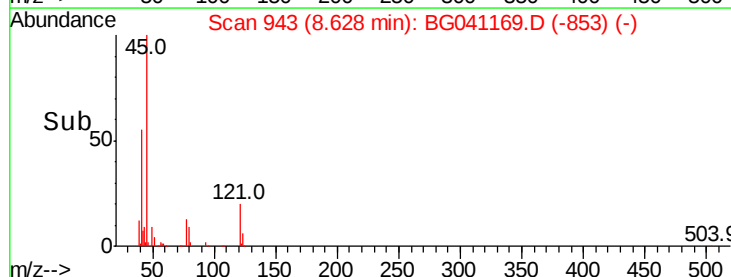
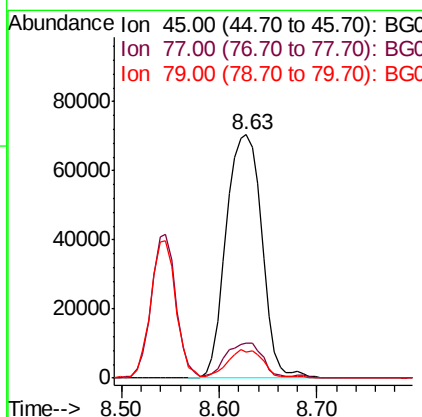
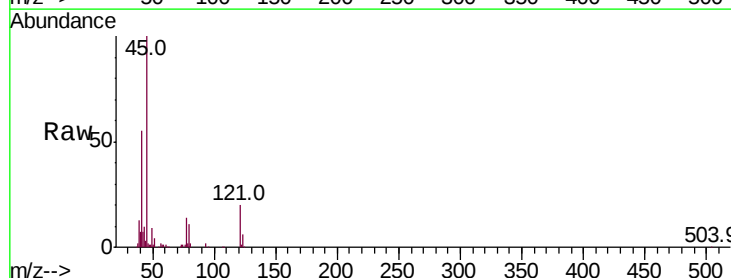
RT: 8.63 min Scan# 943

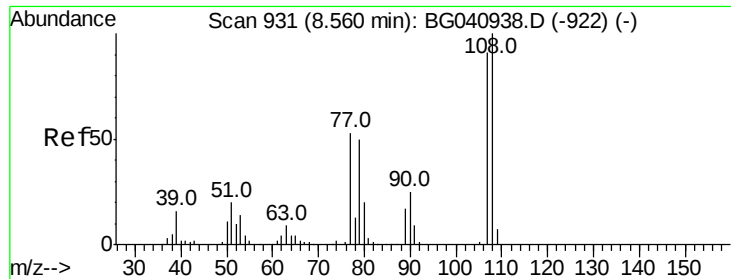
Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Tgt Ion:	45	Resp:	179459
Ion Ratio	Lower	Upper	
45	100		
77	14.1	0.0	33.7
79	10.6	0.0	30.2





#17

2-Methylphenol

Concen: 46.434 ng

RT: 8.54 min Scan# 928

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

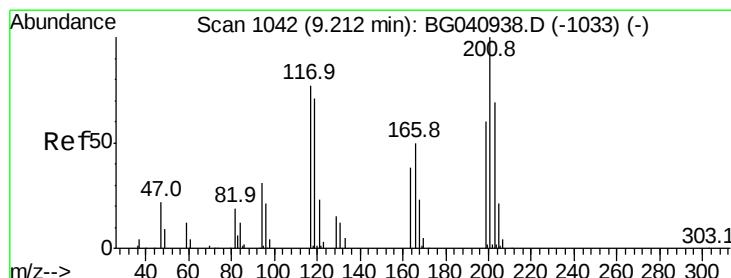
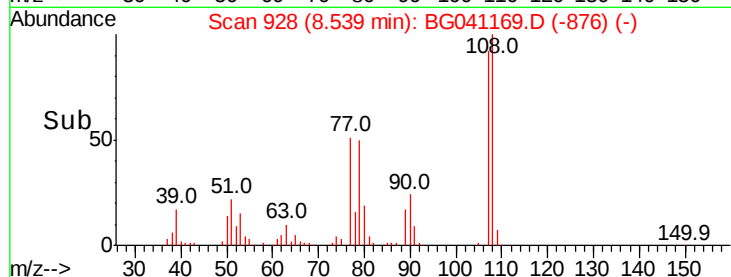
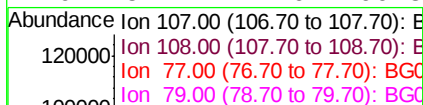
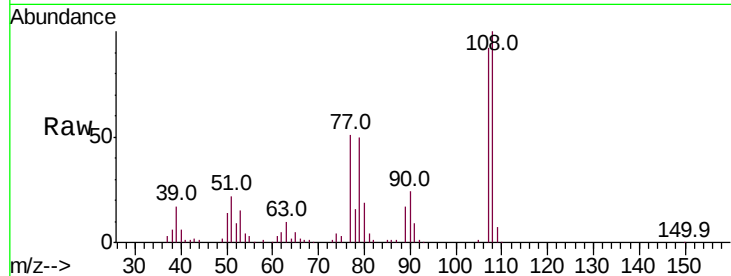
ClientSampleId :

PB120476BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.8	87.7	131.5	
77	55.9	46.6	70.0	
79	54.1	44.6	66.8	

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#18

Hexachloroethane

Concen: 40.408 ng

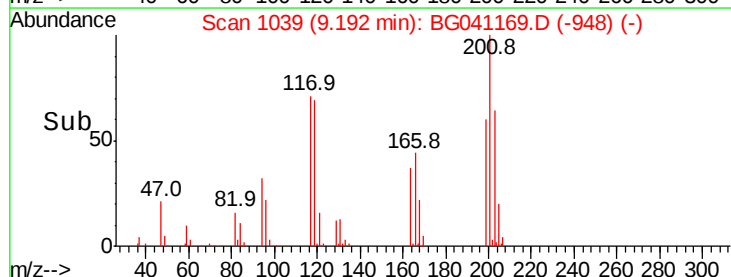
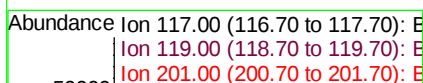
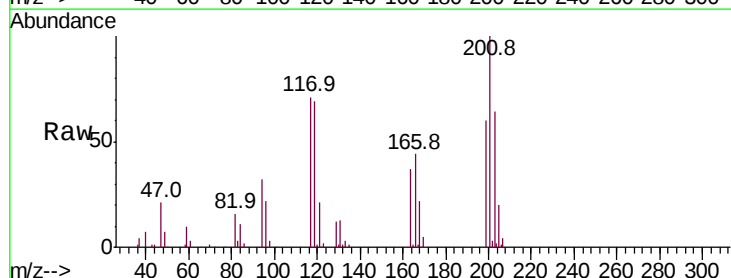
RT: 9.19 min Scan# 1039

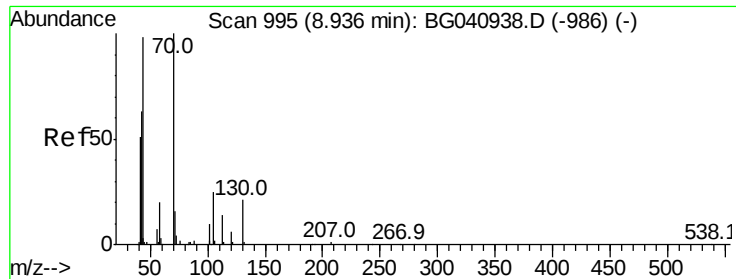
Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	75.0	112.6	
201	141.0	103.5	155.3	





#19

n-Nitroso-di-n-propylamine

Concen: 42.012 ng

RT: 8.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

ClientSampleId :

PB120476BS

Tot Ion: 70 Resp: 114653

Ion Ratio Lower Upper

70 100

42 62.5 51.5 77.3

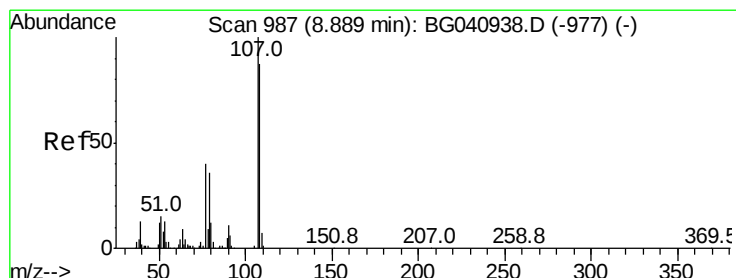
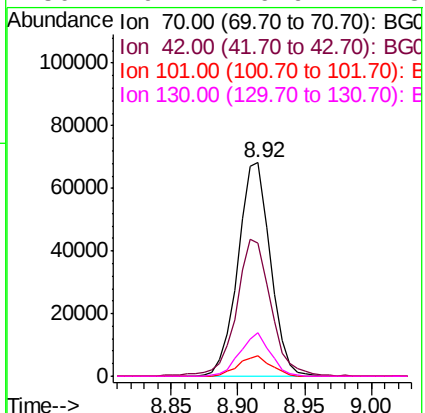
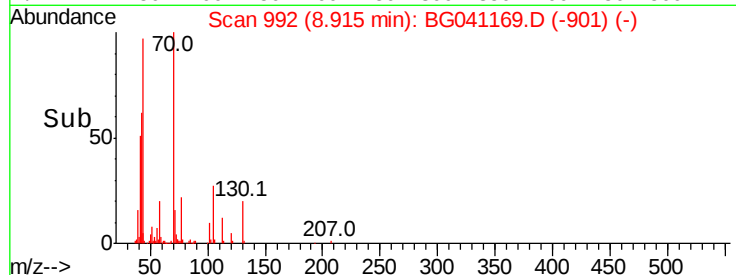
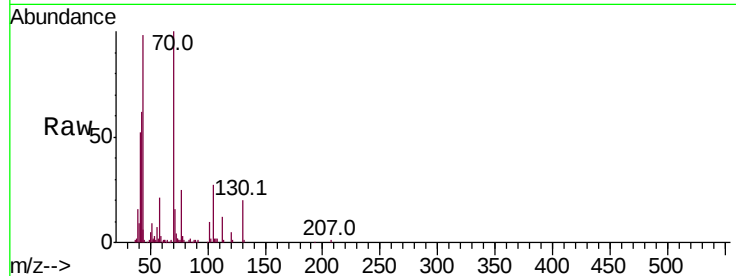
101 9.8 8.1 12.1

130 20.4 16.6 24.8

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#20

3+4-Methylphenols

Concen: 44.748 ng

RT: 8.87 min Scan# 985

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Tgt Ion: 107 Resp: 170648

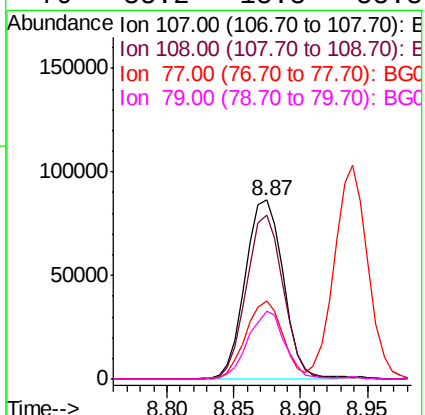
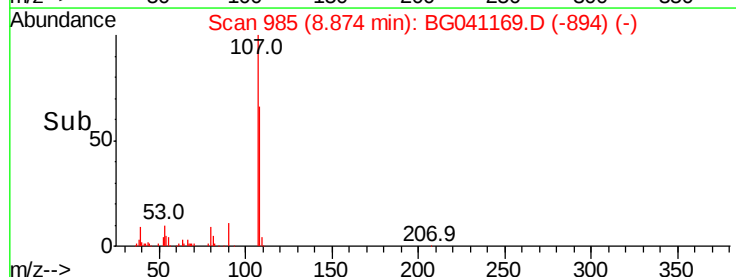
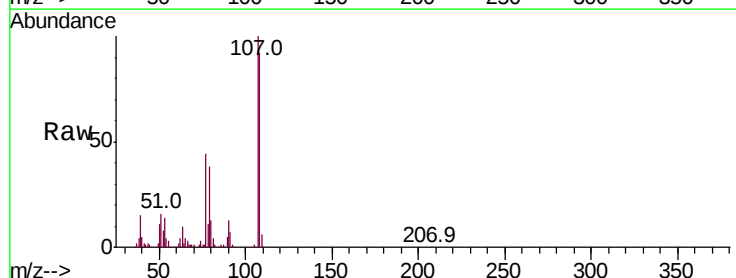
Ion Ratio Lower Upper

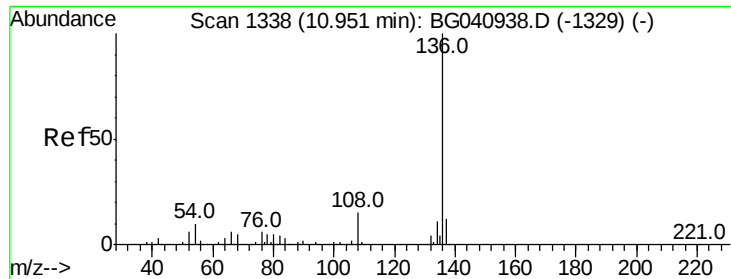
107 100

108 91.5 66.8 106.8

77 43.8 20.5 60.5

79 38.2 15.8 55.8





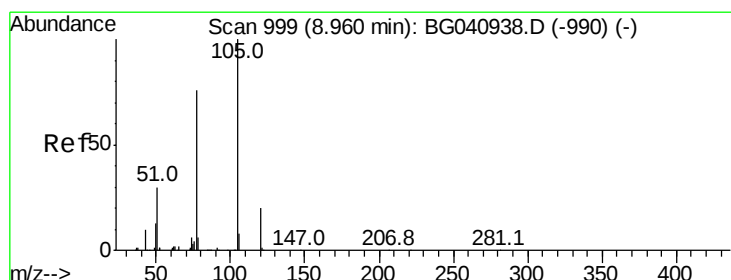
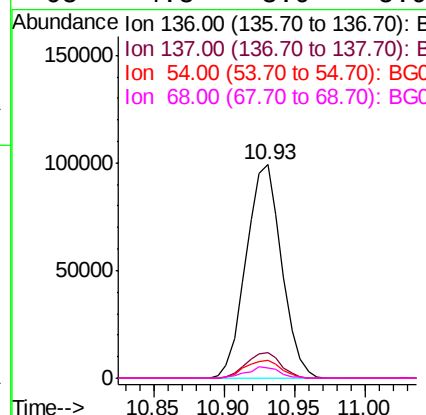
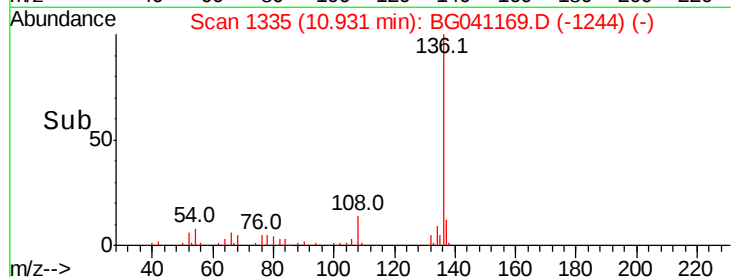
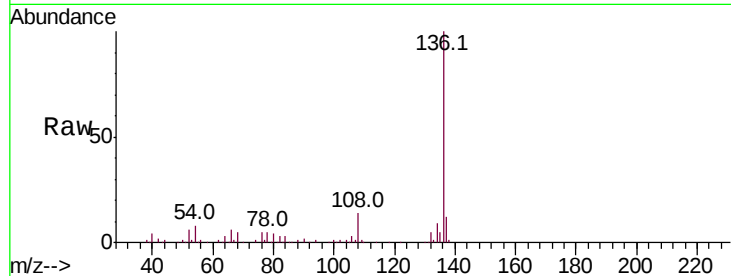
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	175306		
137	12.1		9.5	14.3
54	8.4		7.6	11.4
68	4.8		3.9	5.9

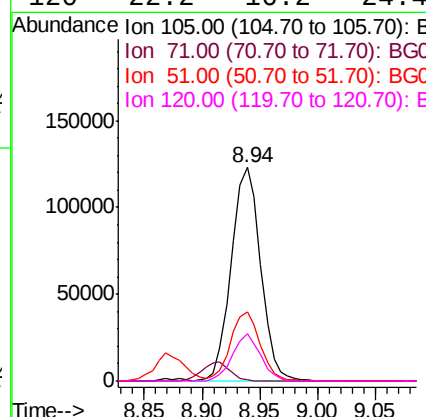
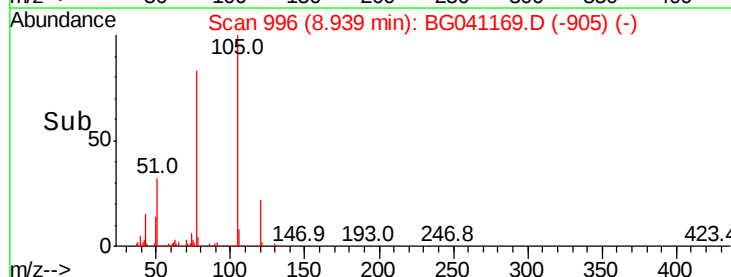
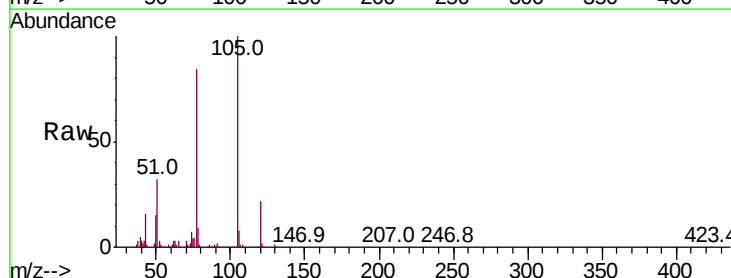
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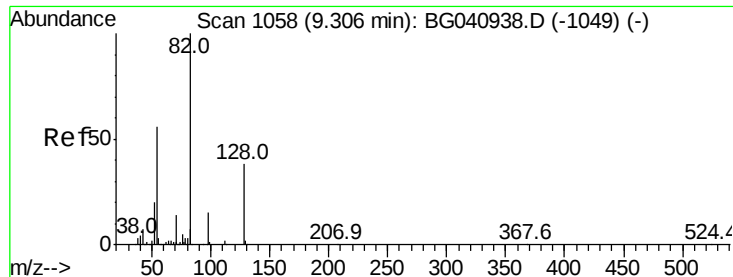
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#22
Acetophenone
Concen: 44.155 ng
RT: 8.94 min Scan# 996
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	217138		
71	0.5		0.4	0.6
51	32.1		27.0	40.6
120	22.2		16.2	24.4





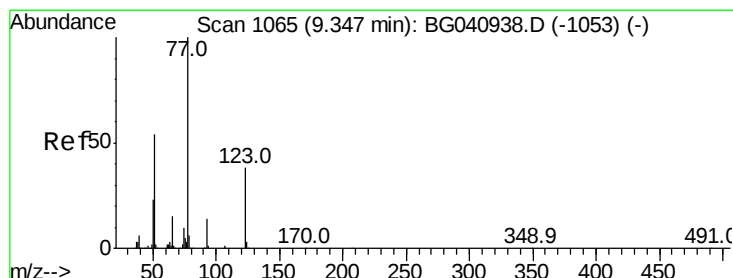
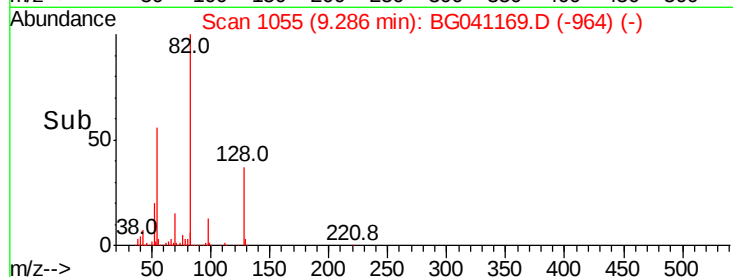
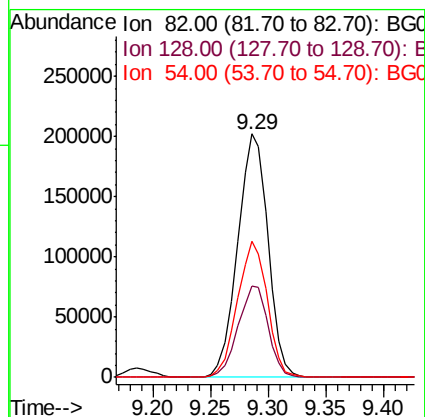
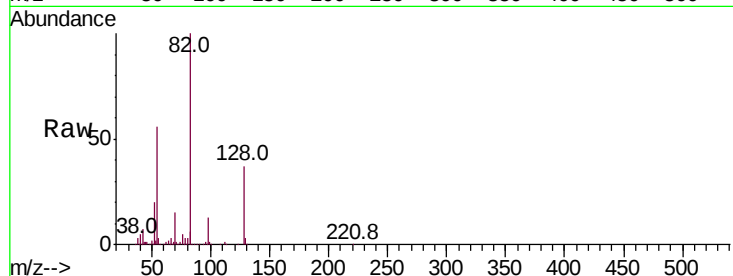
#23
 Nitrobenzene-d5
 Concen: 93.072 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Instrument :
 BNA_G
 ClientSampled :
 PB120476BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.5	45.7
54	55.9	44.6	66.8

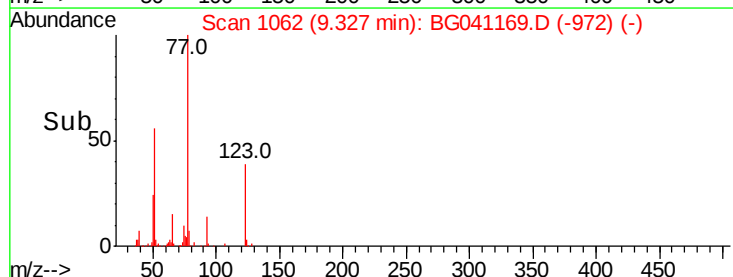
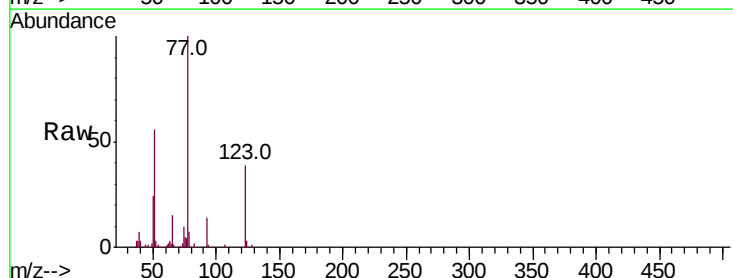
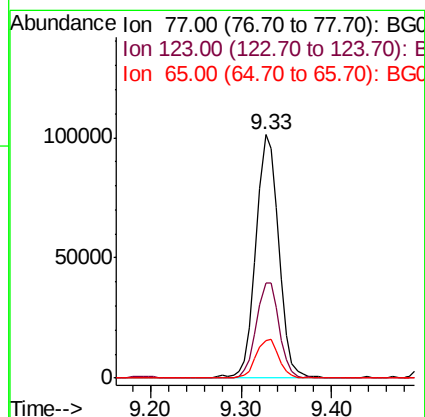
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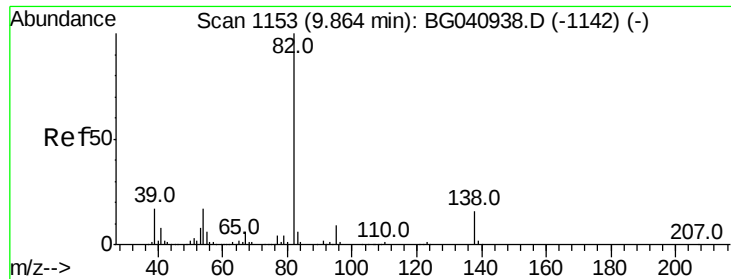
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#24
 Nitrobenzene
 Concen: 44.043 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.3	30.6	46.0
65	15.5	12.3	18.5





#25

Isophorone

Concen: 41.946 ng

RT: 9.84 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

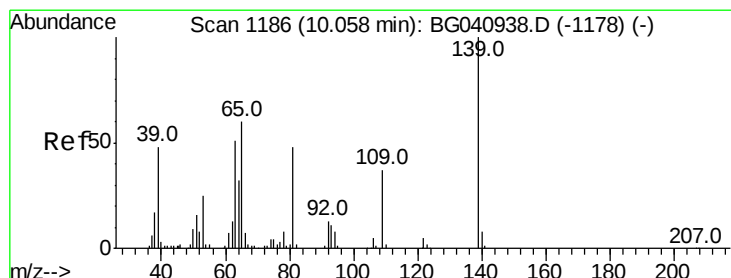
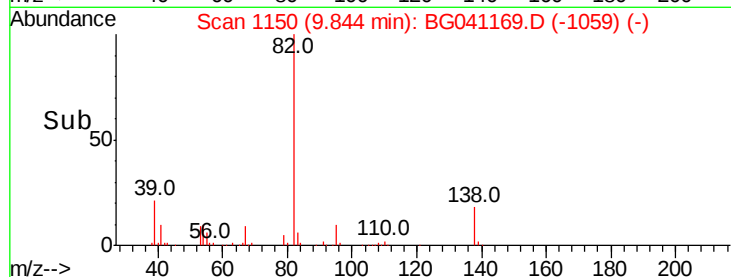
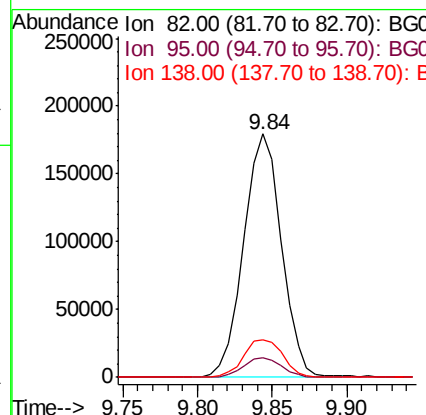
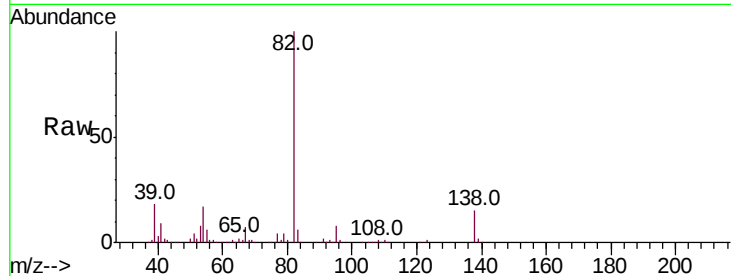
ClientSampleId :

PB120476BS

Tot Ion:	82	Resp:	315227
Ion Ratio	Lower	Upper	
82	100		
95	8.1	7.0	10.4
138	15.2	12.6	19.0

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#26

2-Nitrophenol

Concen: 47.997 ng

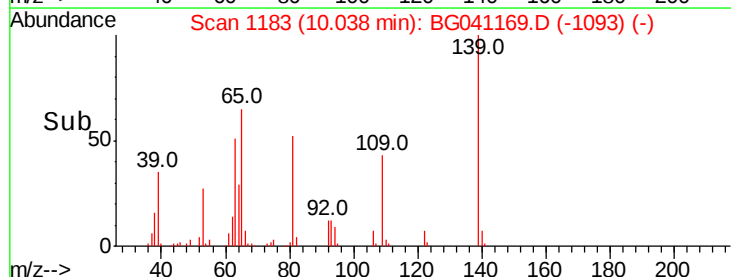
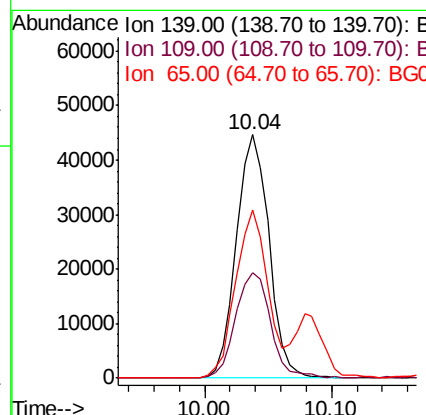
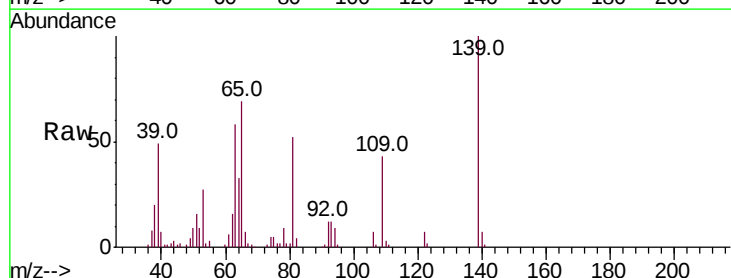
RT: 10.04 min Scan# 1183

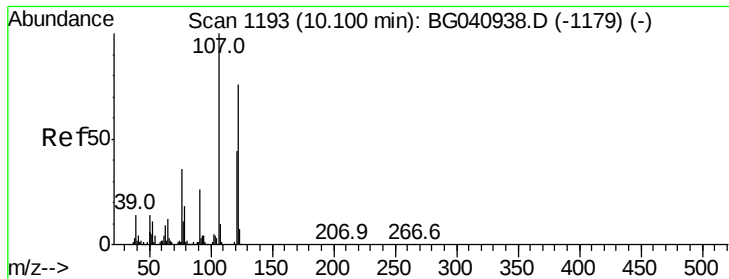
Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Tgt Ion:	139	Resp:	79627
Ion Ratio	Lower	Upper	
139	100		
109	43.4	29.8	44.6
65	68.8	47.8	71.6





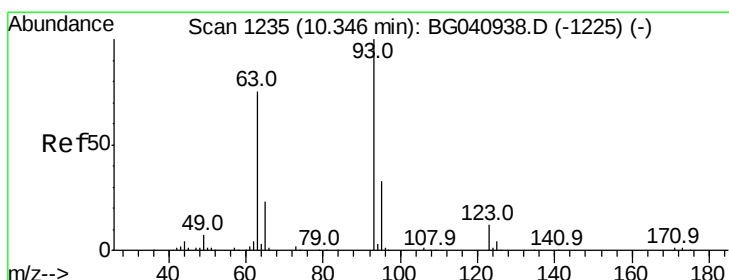
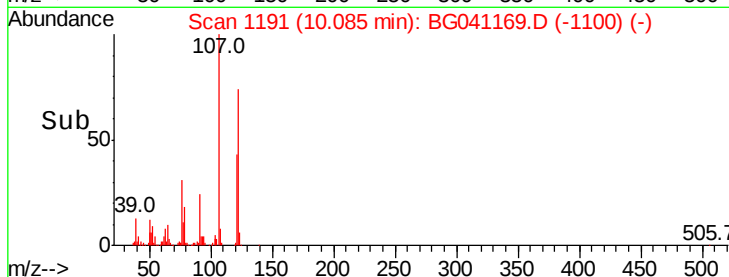
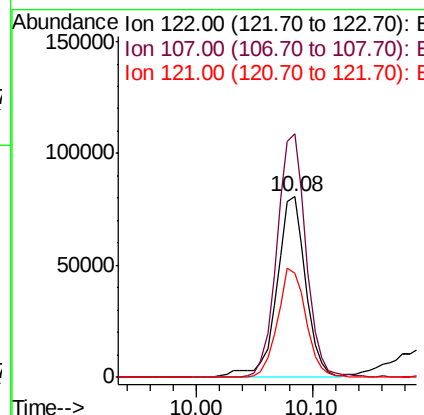
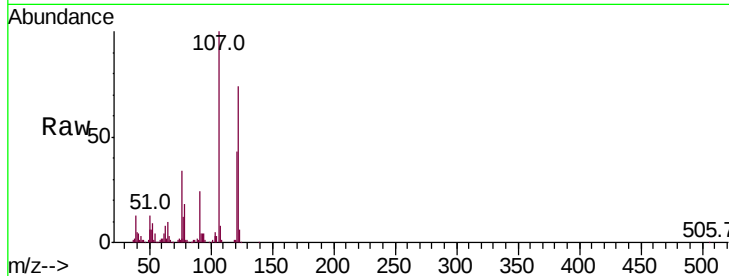
#27
2,4-Dimethylphenol
Concen: 51.297 ng
RT: 10.08 min Scan# 1191
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	134.9	105.9	158.9	
121	57.6	46.2	69.4	

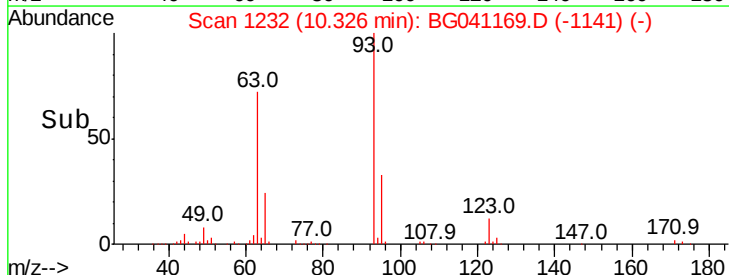
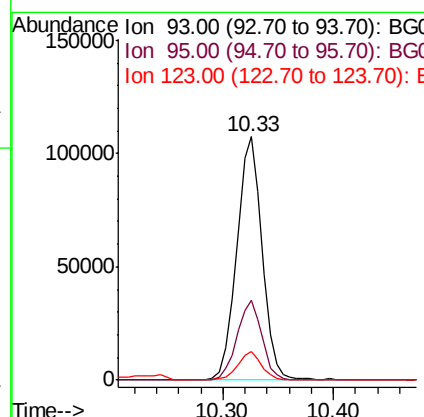
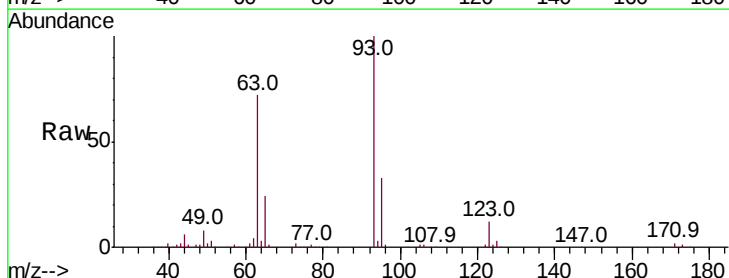
Manual Integrations
APPROVED

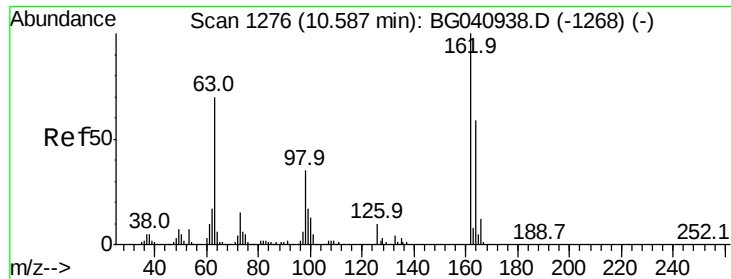
mohammad
6/14/2019 8:40:02 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.501 ng
RT: 10.33 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.9	26.2	39.2	
123	11.6	9.5	14.3	





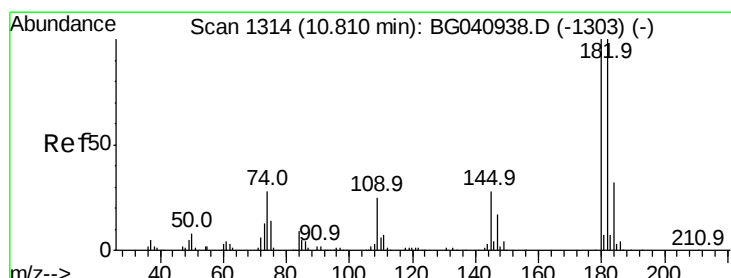
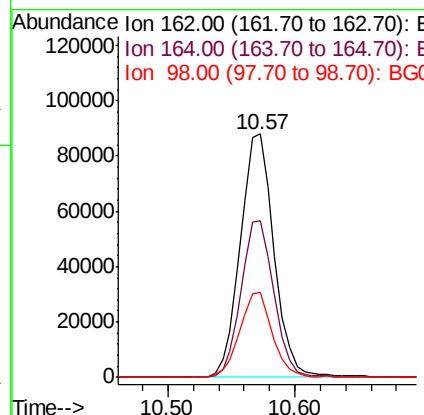
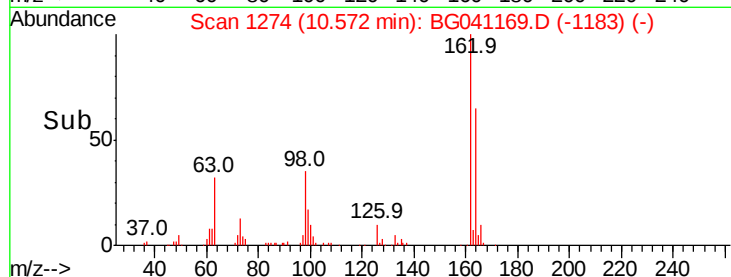
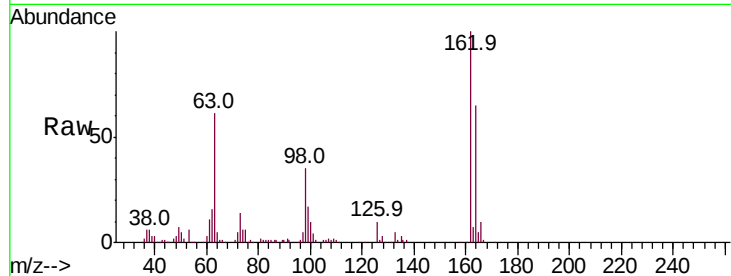
#29
2,4-Dichlorophenol
Concen: 46.340 ng
RT: 10.57 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	161235		
164	64.6	39.4	79.4	
98	35.0	15.3	55.3	

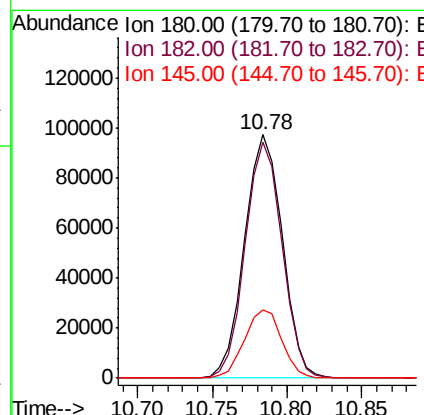
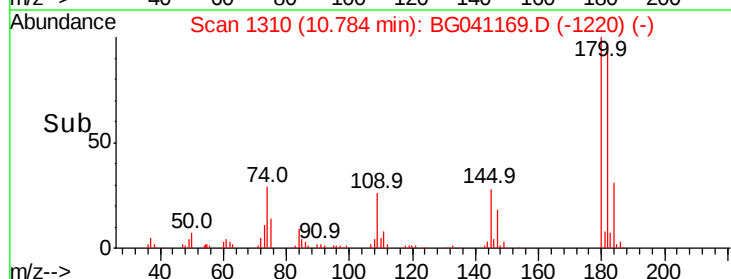
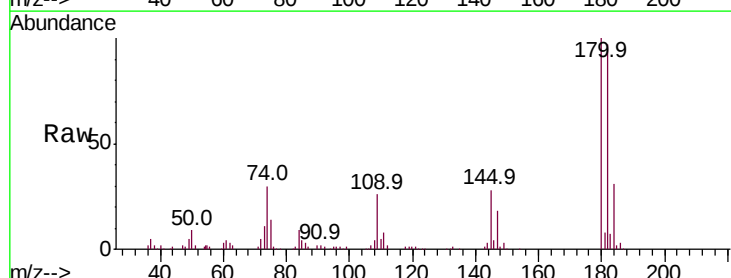
Manual Integrations
APPROVED

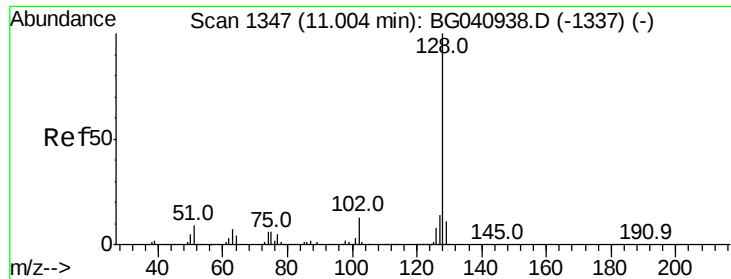
mohammad
6/14/2019 8:40:02 AM



#30
1,2,4-Trichlorobenzene
Concen: 43.129 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	170709		
182	97.0	79.7	119.5	
145	28.0	22.6	34.0	





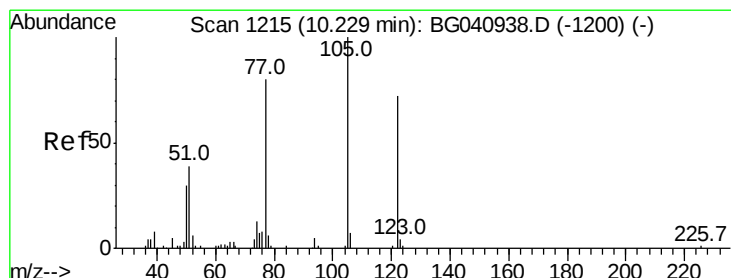
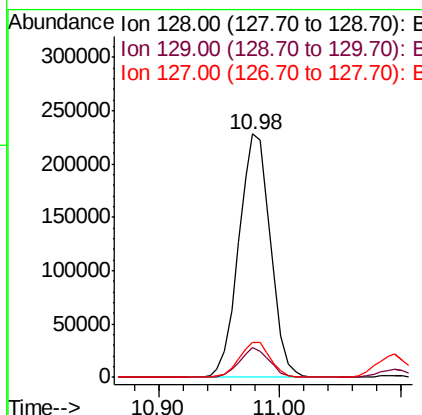
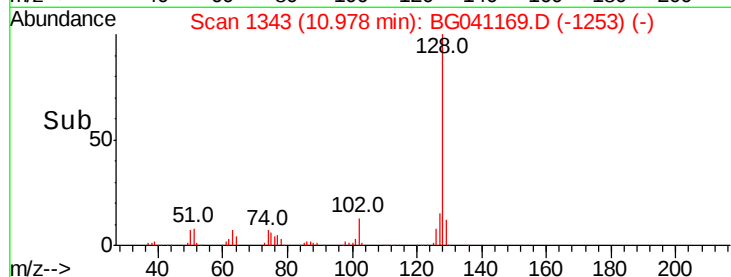
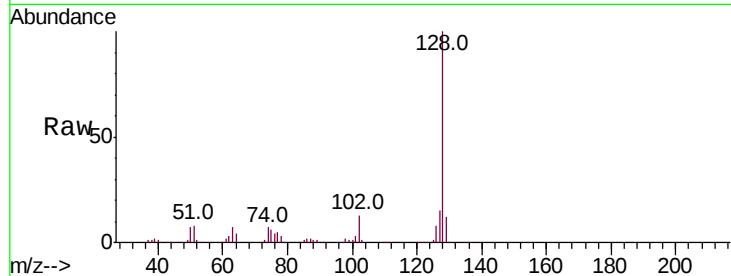
#31
Naphthalene
Concen: 44.126 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.5	12.7
127	14.6	11.4	17.2

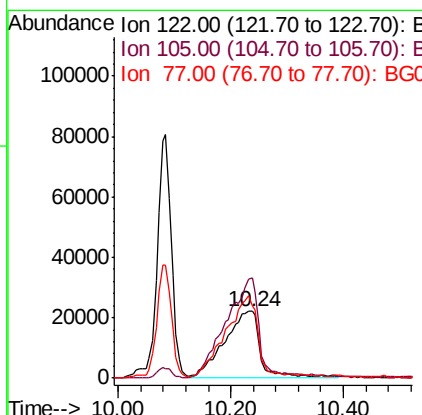
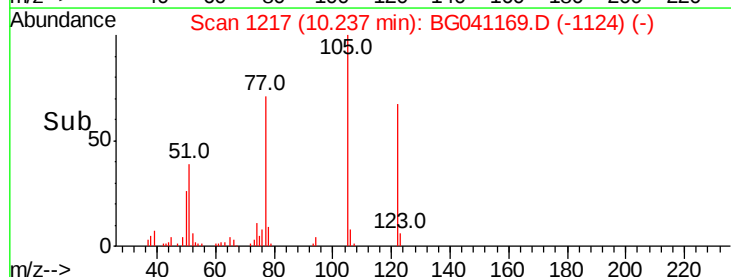
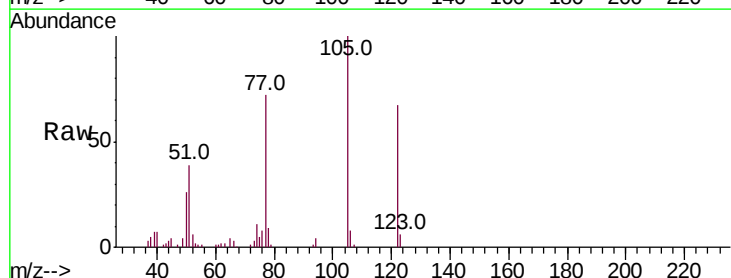
Manual Integrations
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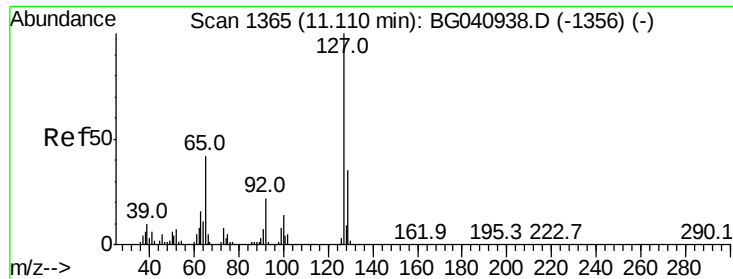
mohammad
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#32
Benzoic acid
Concen: 46.805 ng m
RT: 10.24 min Scan# 1217
Delta R.T. 0.02 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	150.3	114.8	154.8
77	108.4	89.9	129.9





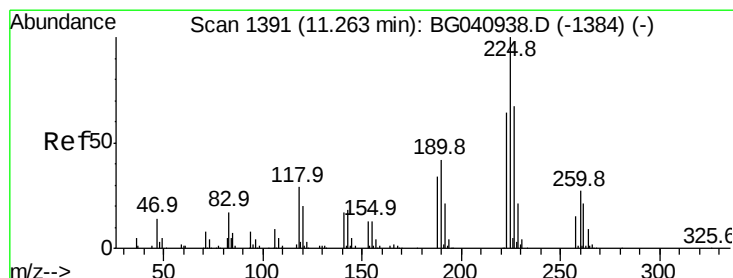
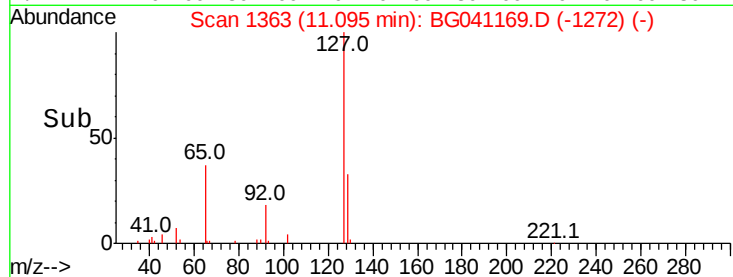
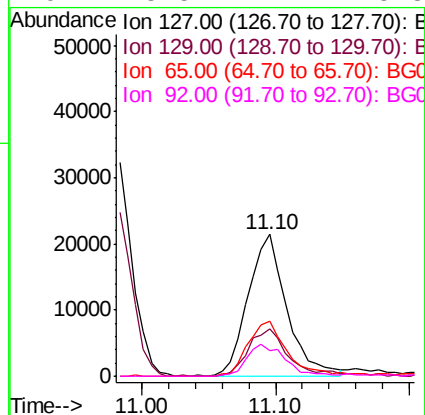
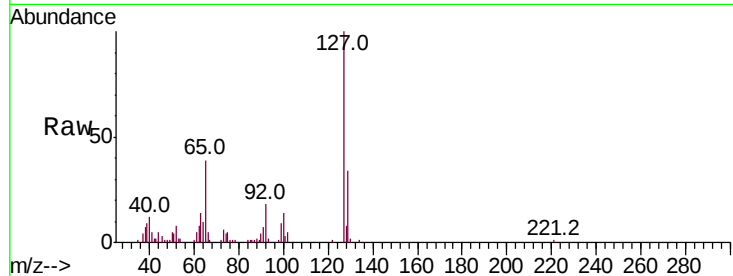
#33
4-Chloroaniline
Concen: 9.781 ng
RT: 11.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.6	27.7	41.5
65	39.0	33.2	49.8
92	18.5	17.2	25.8

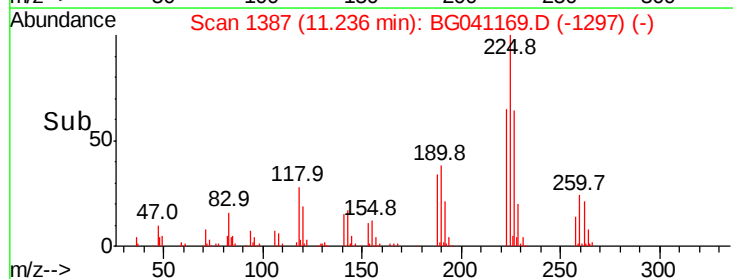
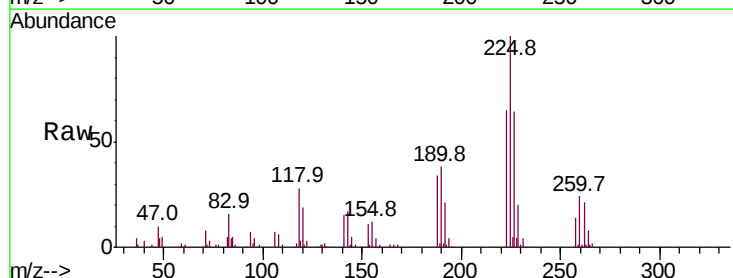
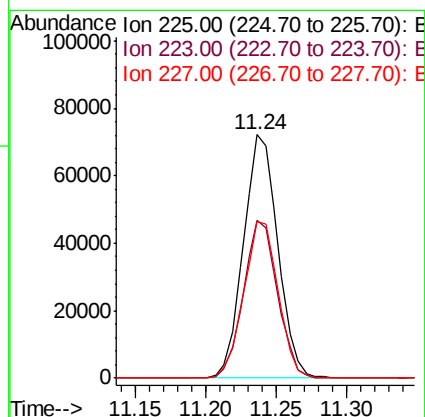
Manual Integrations
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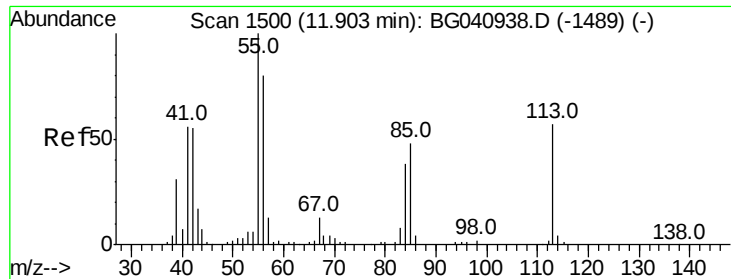
mohammad
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#34
Hexachlorobutadiene
Concen: 40.545 ng
RT: 11.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	48.8	73.2
227	64.4	51.4	77.0





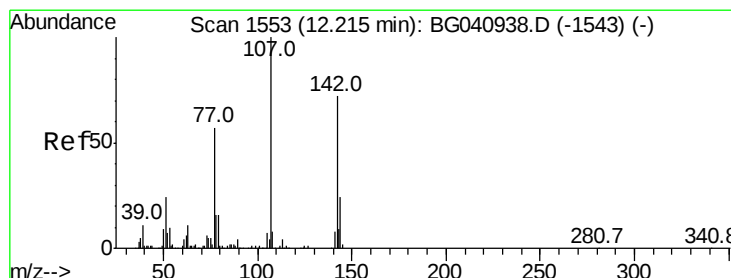
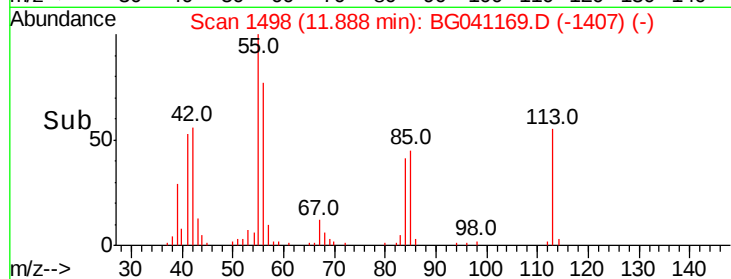
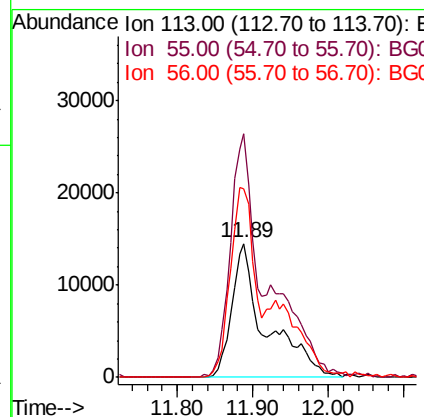
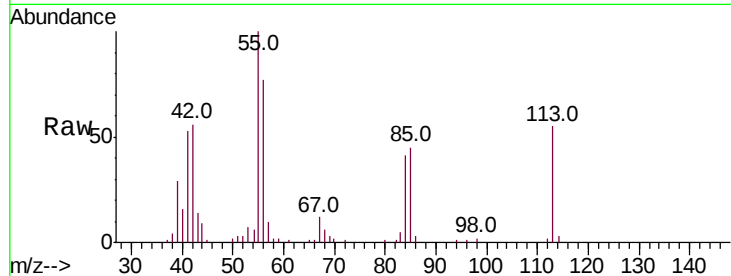
#35
Caprolactam
Concen: 39.472 ng/ml
RT: 11.89 min Scan# 1498
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	181.8	155.9	195.9
56	140.4	119.9	159.9

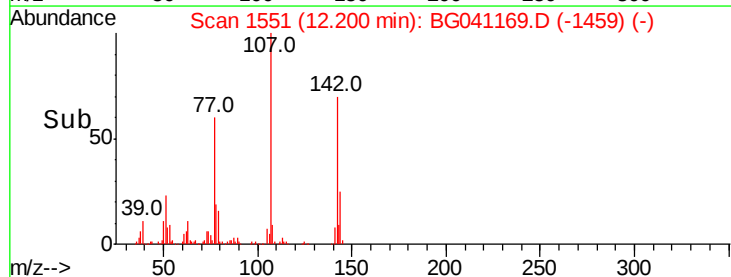
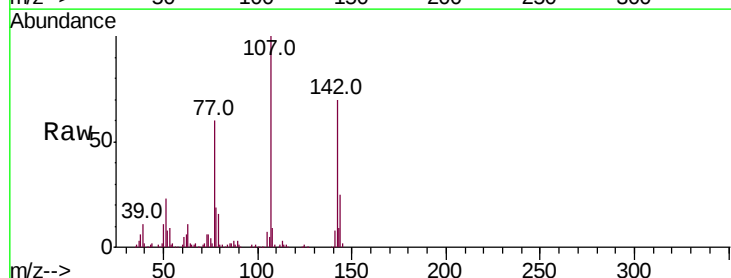
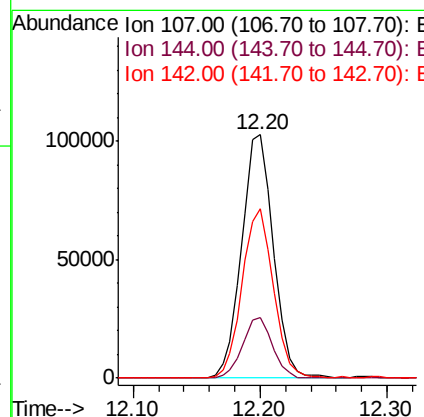
Manual Integrations
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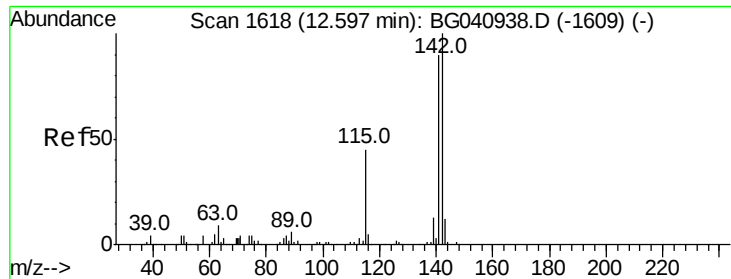
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 44.899 ng/ml
RT: 12.20 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.4	29.0
142	69.5	57.3	85.9





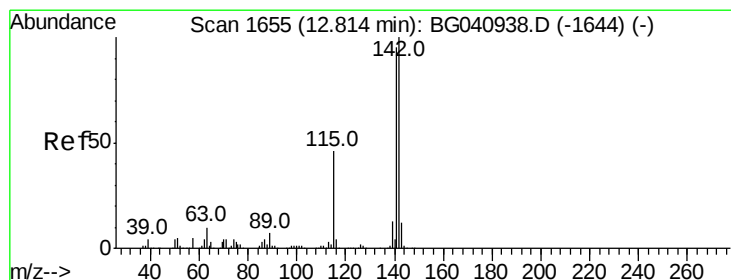
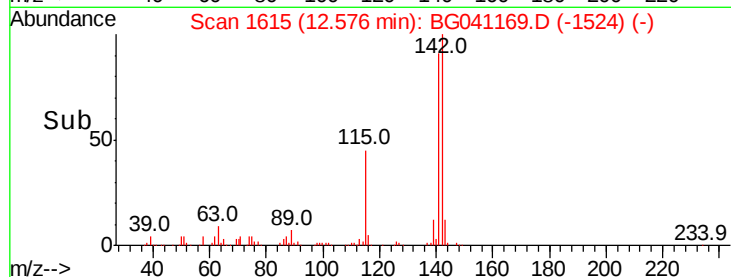
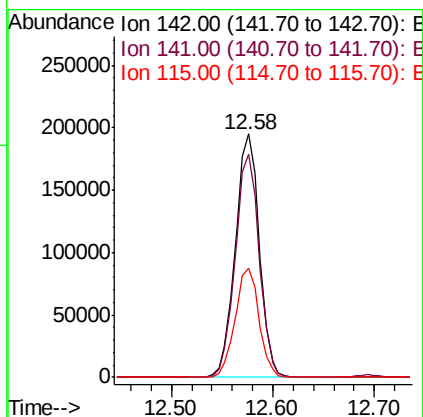
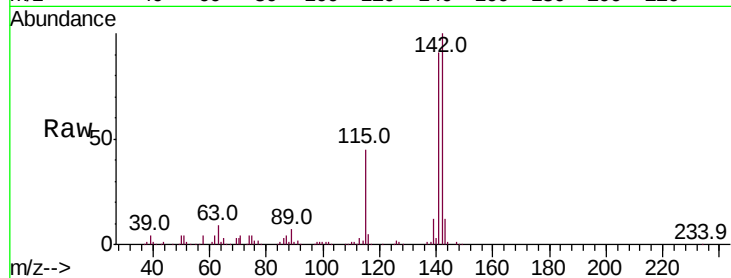
#37
2-Methylnaphthalene
Concen: 44.039 ng
RT: 12.58 min Scan# 1615
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.2	108.4
115	44.8	36.2	54.4

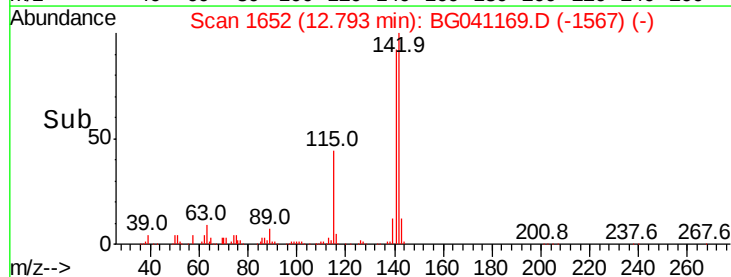
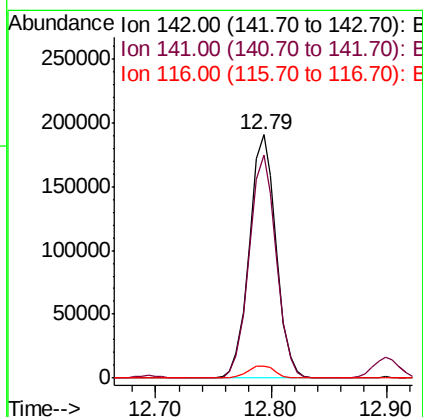
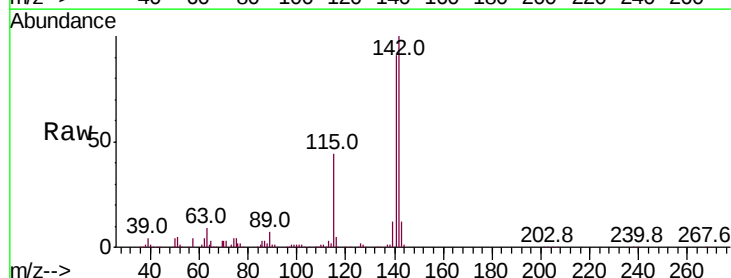
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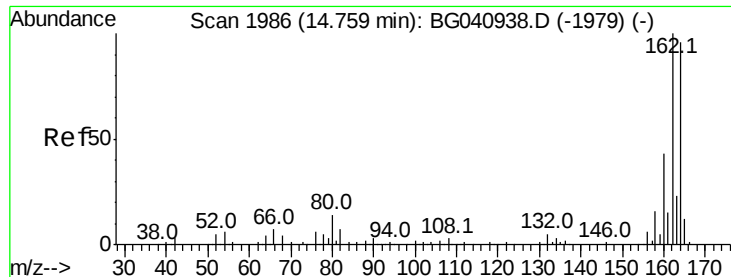
mohammad
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#38
1-Methylnaphthalene
Concen: 44.971 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	75.7	113.5
116	4.7	3.4	5.2





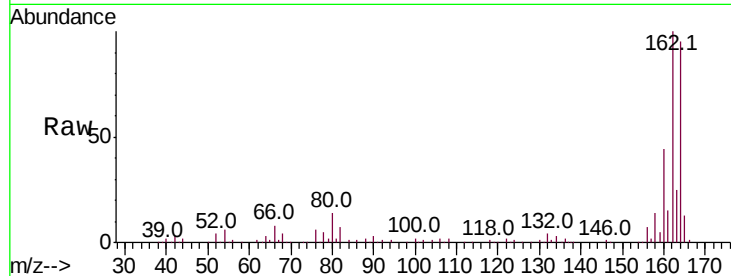
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.4
160	46.2	35.6	53.4

Manual Integrations
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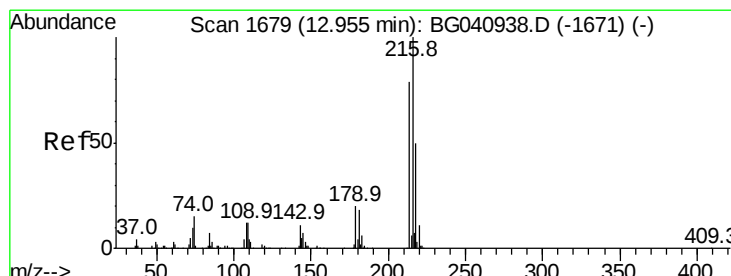
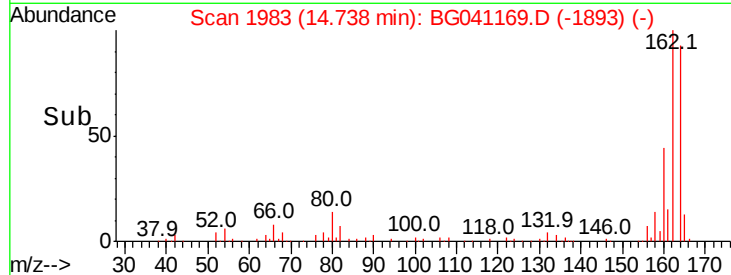
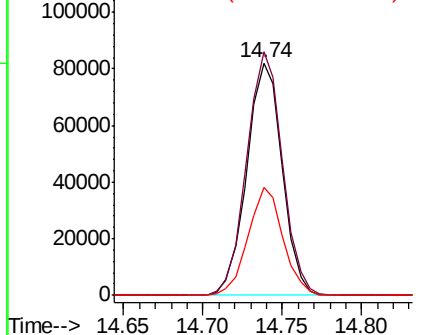


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.148 ng
RT: 12.93 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.2
179	18.9	15.2	22.8
108	16.8	11.4	17.2

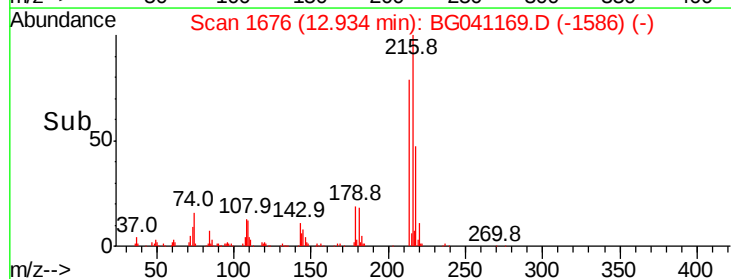
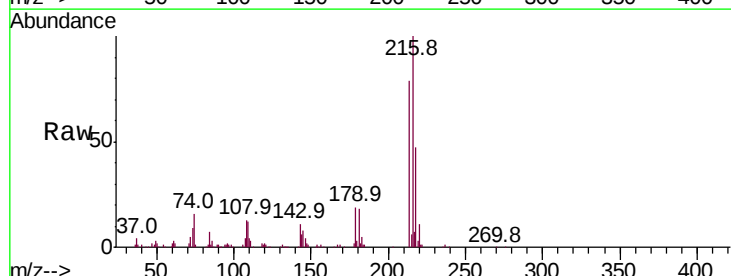
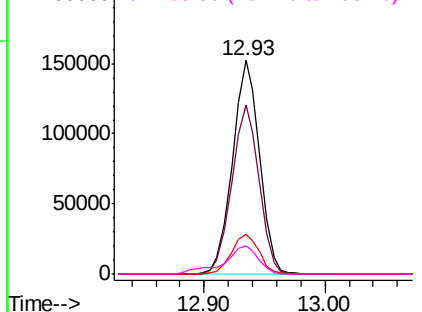
Abundance

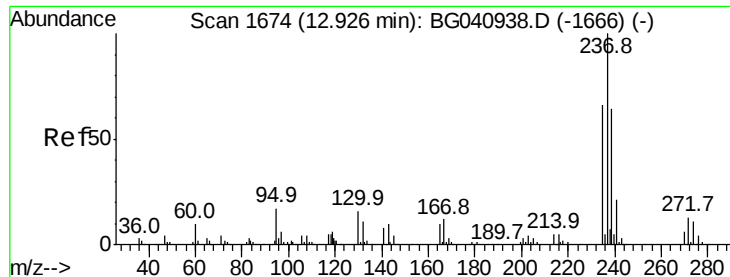
Ion 216.00 (215.70 to 216.70): E

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: 97.990 ng

RT: 12.90 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

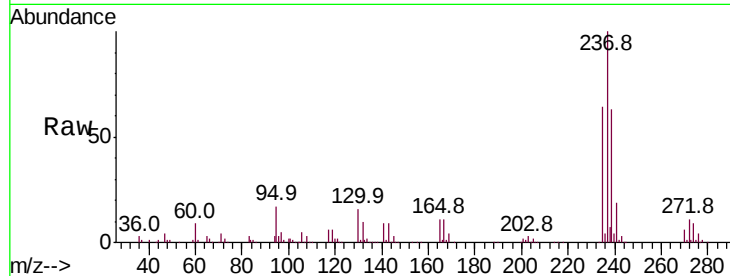
ClientSampleId :

PB120476BS

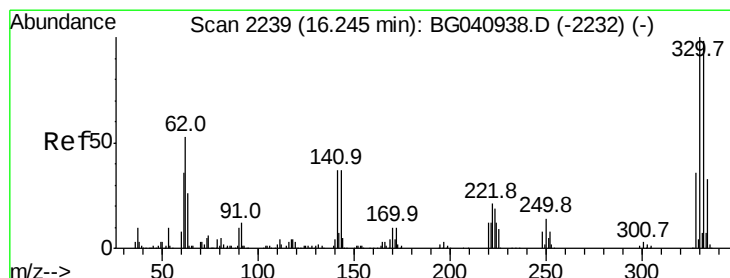
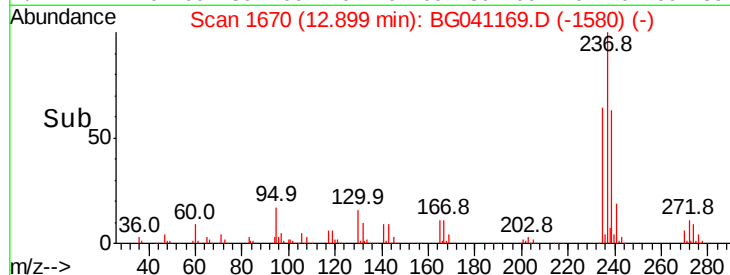
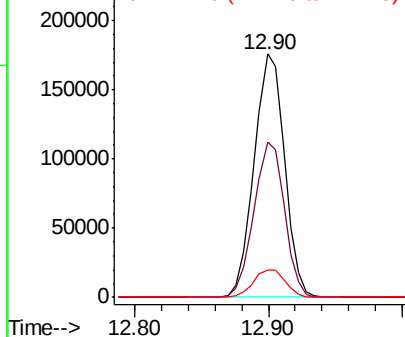
Tot Ion:	237	Resp:	275978
Ion Ratio	Lower	Upper	
237	100		
235	63.8	45.5	85.5
272	11.4	0.0	32.9

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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: 150.395 ng

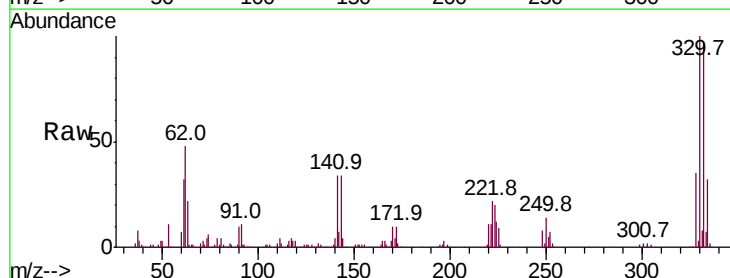
RT: 16.23 min Scan# 2237

Delta R.T. 0.01 min

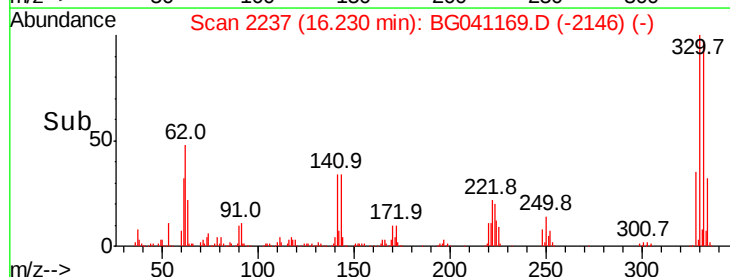
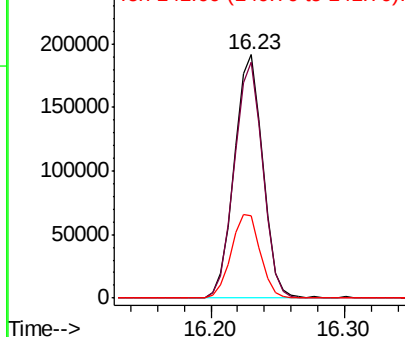
Lab File: BG041169.D

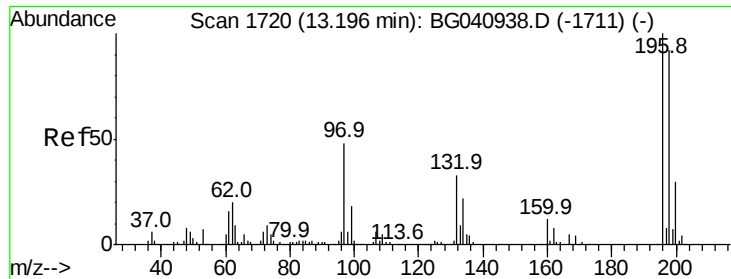
Acq: 10 Jun 2019 18:54

Tgt Ion:	330	Resp:	284245
Ion Ratio	Lower	Upper	
330	100		
332	96.6	78.5	117.7
141	35.5	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





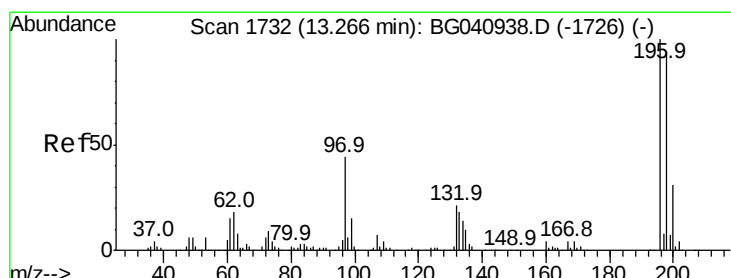
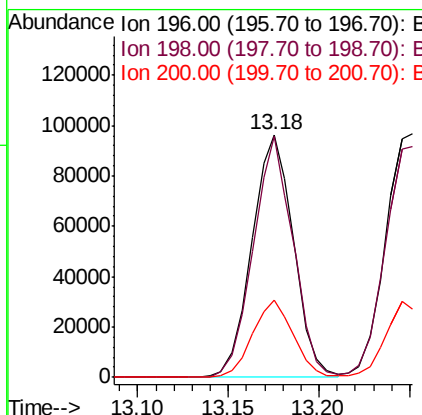
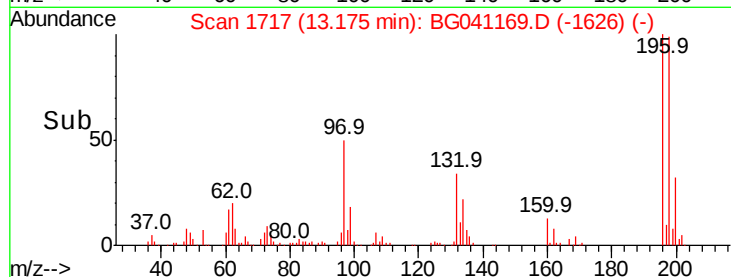
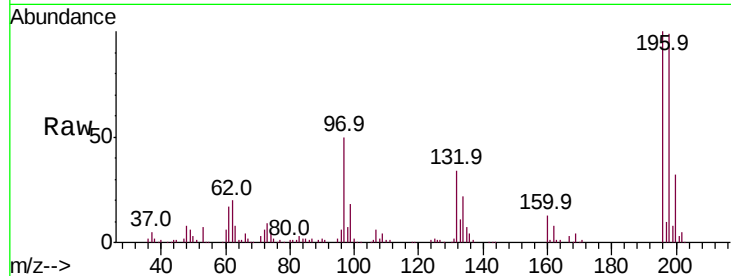
#43
 2,4,6-Trichlorophenol
 Concen: 46.042 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Instrument :
 BNA_G
 ClientSampleId :
 PB120476BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	152833		
198	99.4	73.8	110.6	
200	31.8	24.1	36.1	

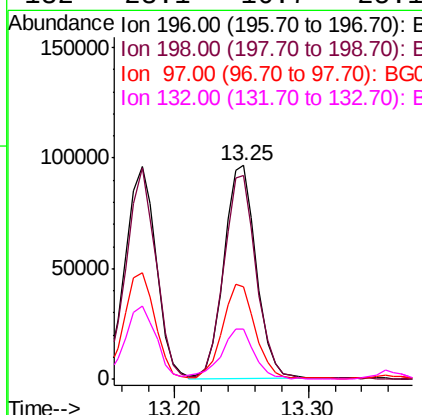
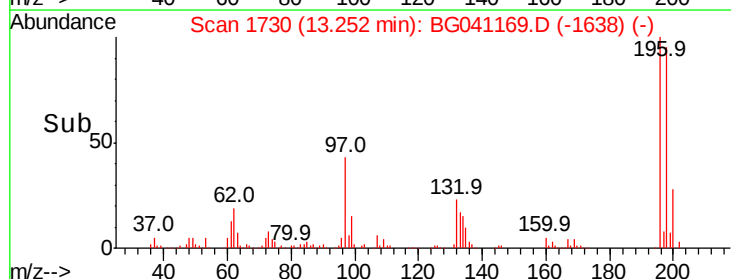
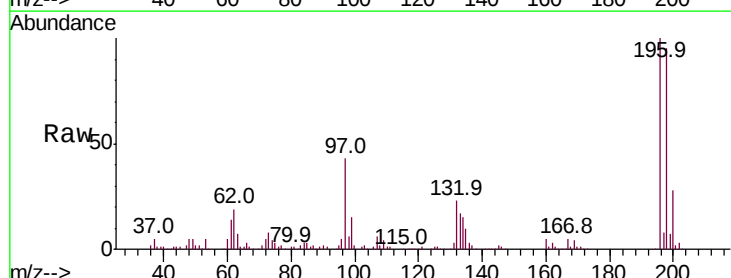
Manual Integrations
 APPROVED

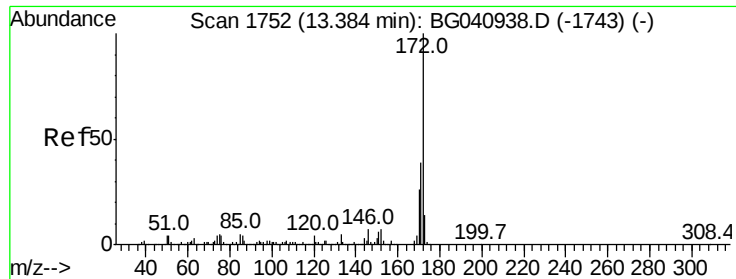
mohammad
 6/14/2019 8:40:02 AM



#44
 2,4,5-Trichlorophenol
 Concen: 46.716 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. 0.01 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	163545		
198	95.0	75.1	112.7	
97	43.3	35.6	53.4	
132	23.1	16.7	25.1	





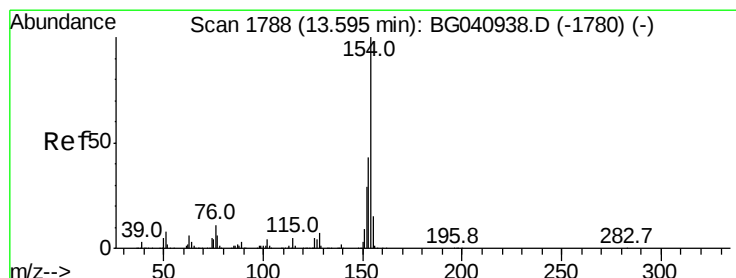
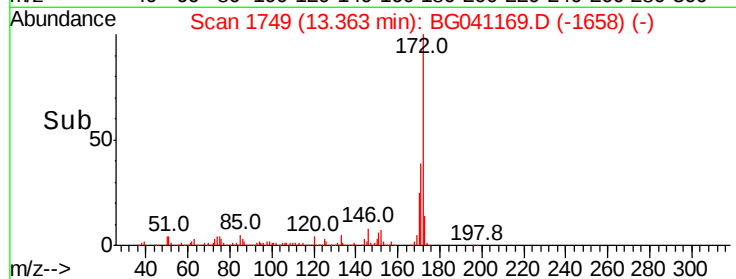
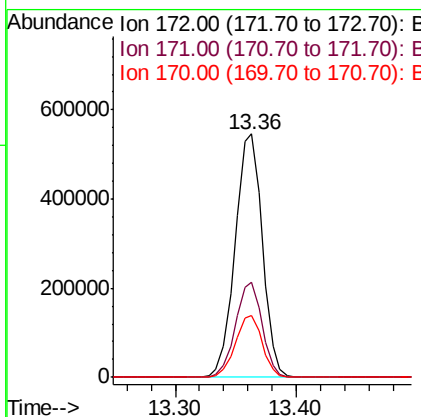
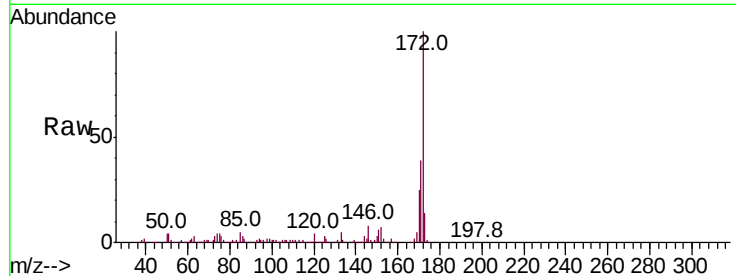
#45
2-Fluorobiphenyl
Concen: 97.076 ng
RT: 13.36 min Scan# 1749
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	858178		
171	39.0		31.1	46.7
170	25.3		20.5	30.7

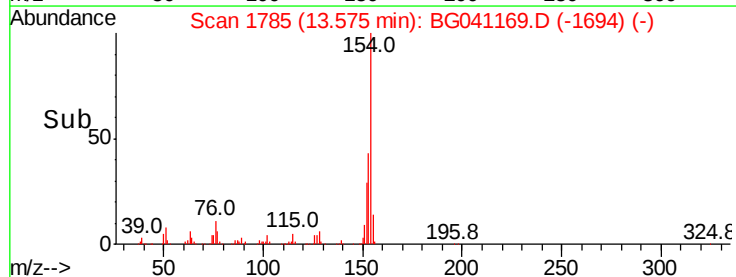
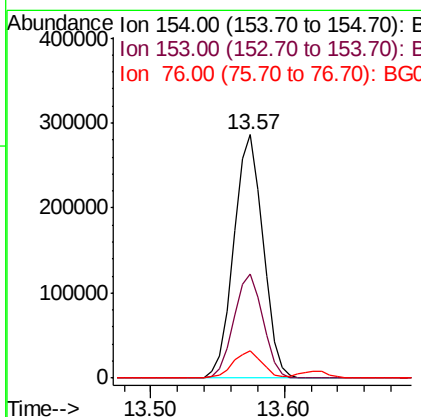
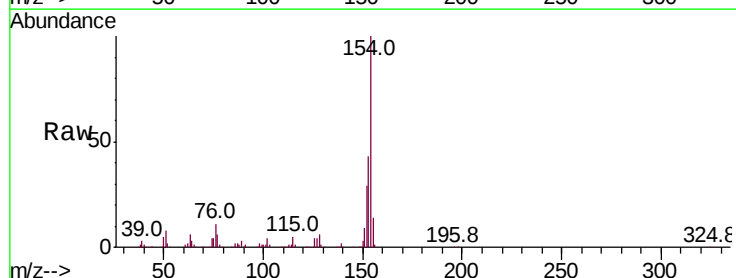
Manual Integrations
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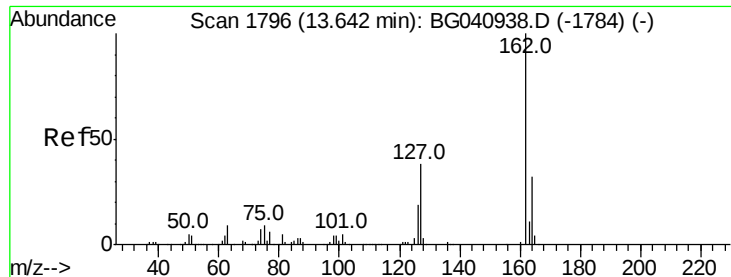
mohammad
6/14/2019 8:40:02 AM



#46
1,1'-Biphenyl
Concen: 46.132 ng
RT: 13.57 min Scan# 1785
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	434728		
153	43.0		23.3	63.3
76	11.0		0.0	31.1





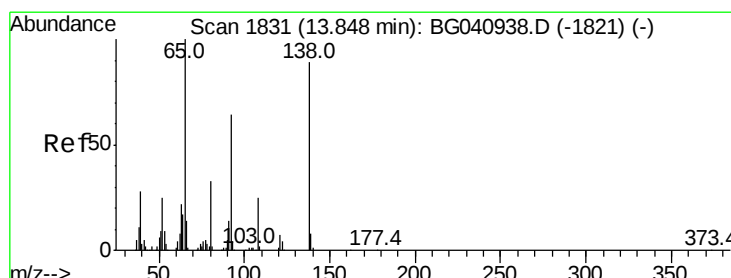
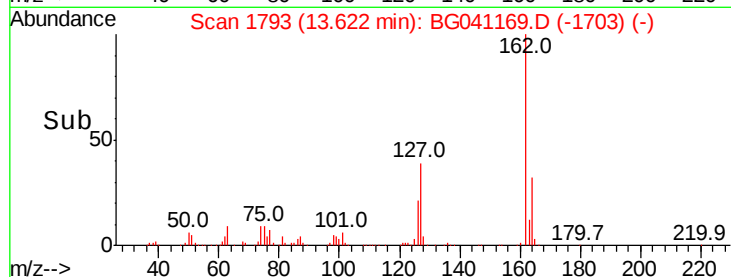
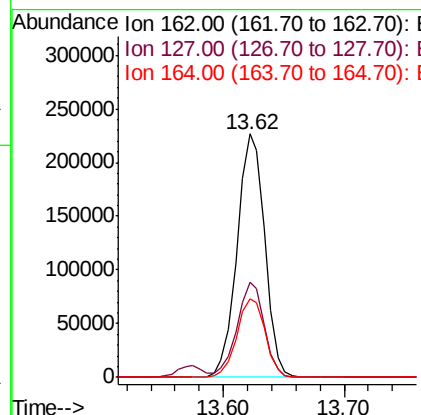
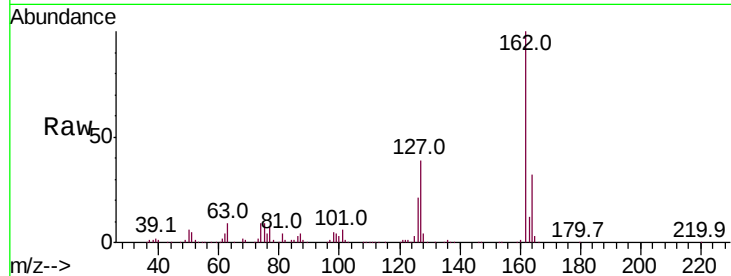
#47
 2-Chloronaphthalene
 Concen: 44.550 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Instrument :
 BNA_G
 ClientSampleId :
 PB120476BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	360413		
127	39.1	30.5	45.7	
164	32.4	25.8	38.6	

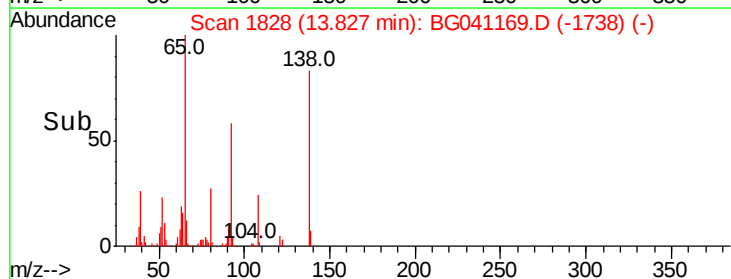
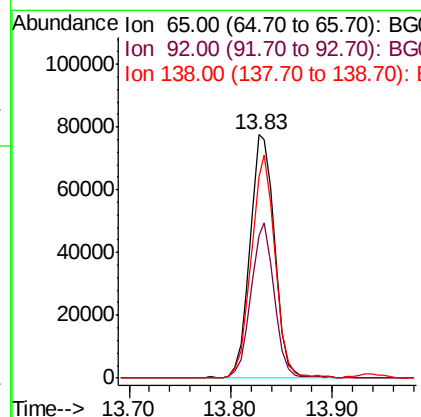
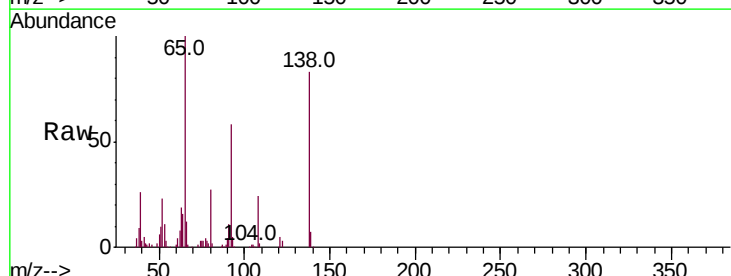
Manual Integrations
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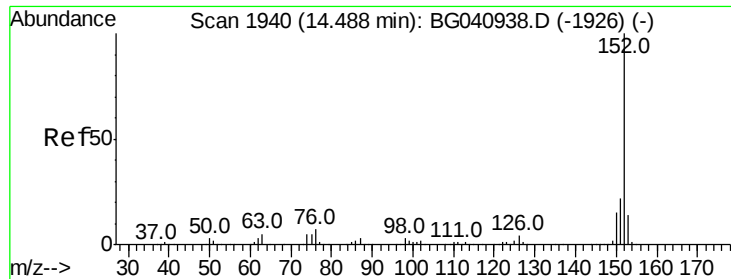
mohammad
 6/14/2019 8:40:02 AM



#48
 2-Nitroaniline
 Concen: 44.964 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	130500		
92	58.4	51.0	76.6	
138	82.7	71.2	106.8	





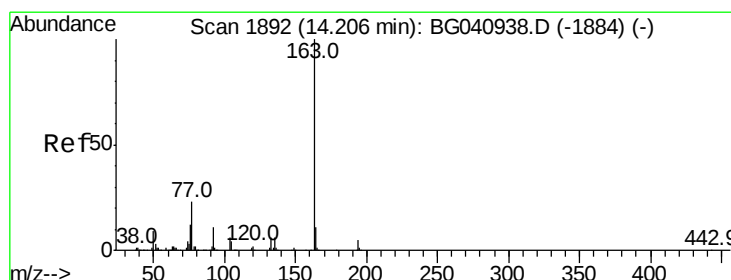
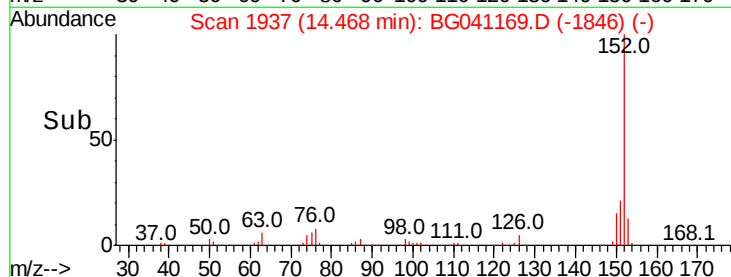
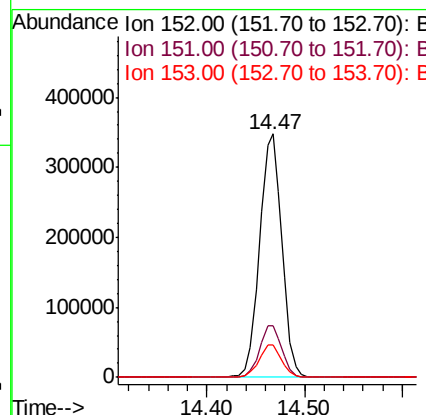
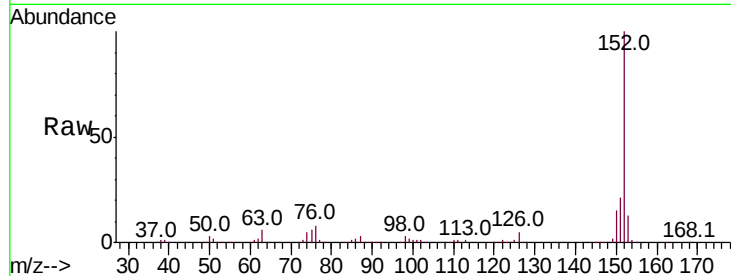
#49
Acenaphthylene
Concen: 45.896 ng
RT: 14.47 min Scan# 1937
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.4	26.0
153	13.2	11.0	16.4

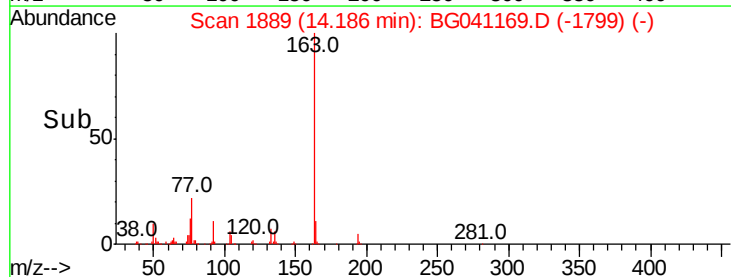
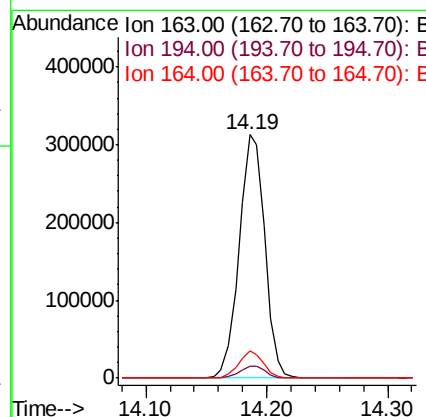
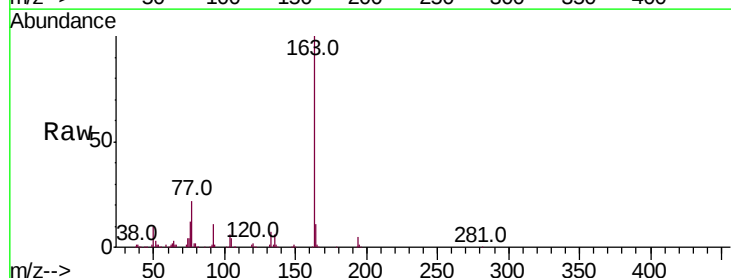
Manual Integrations
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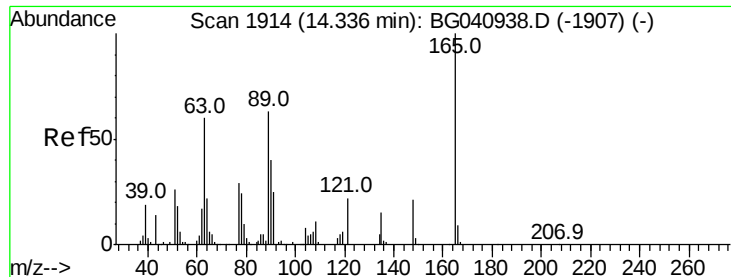
mohammad
6/14/2019 8:40:02 AM



#50
Dimethylphthalate
Concen: 42.990 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.8
164	11.0	8.7	13.1





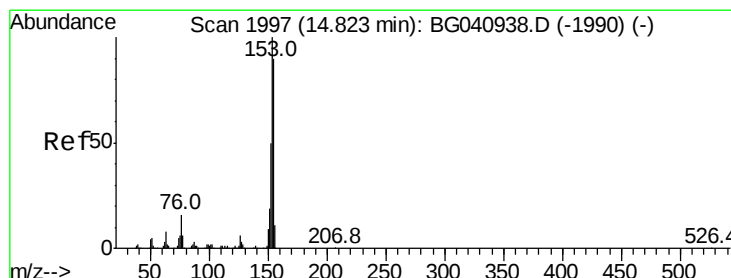
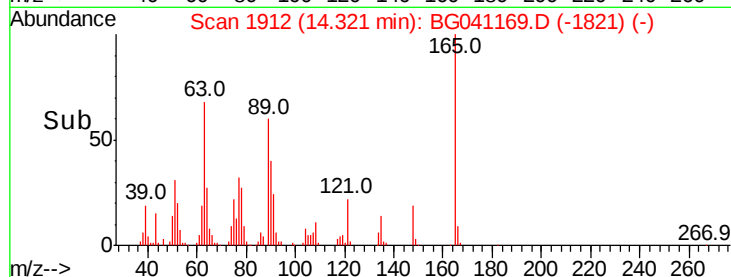
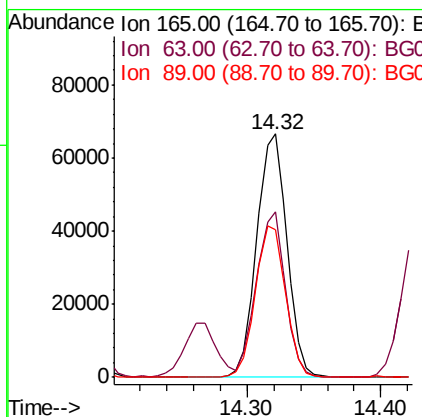
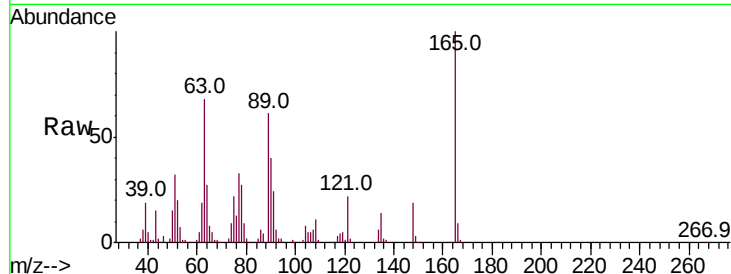
#51
 2,6-Dinitrotoluene
 Concen: 44.659 ng
 RT: 14.32 min Scan# 1912
 Delta R.T. 0.01 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Instrument :
 BNA_G
 ClientSampleId :
 PB120476BS

Tot Ion:	165	Resp:	103768
Ion Ratio	Lower	Upper	
165	100		
63	68.0	53.6	80.4
89	60.6	50.4	75.6

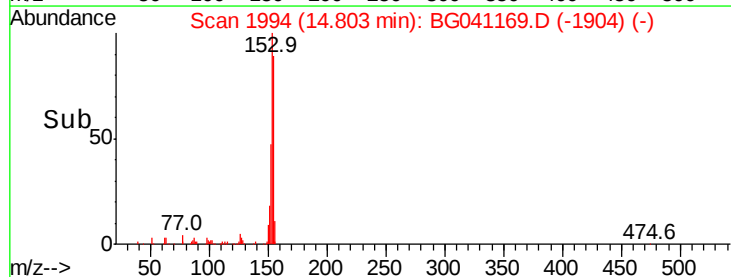
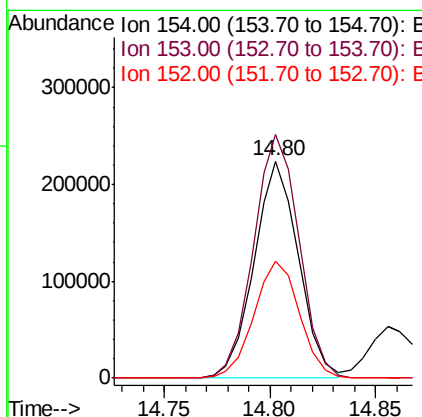
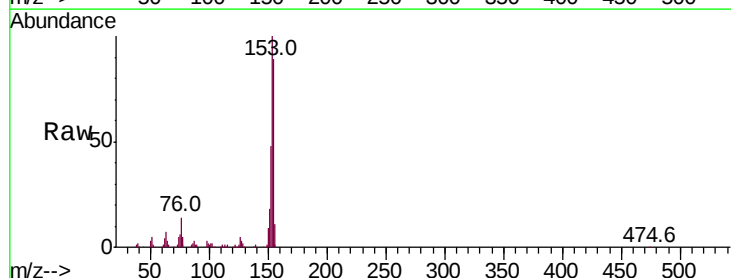
Manual Integrations
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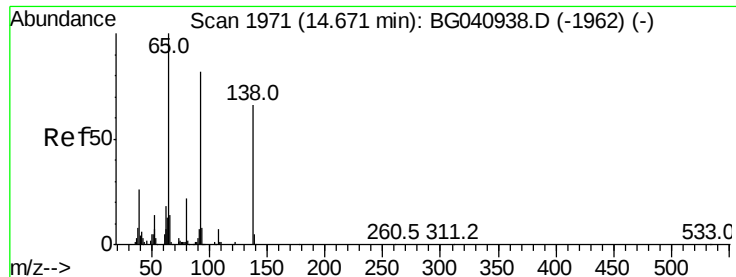
mohammad
 6/14/2019 8:40:02 AM



#52
 Acenaphthene
 Concen: 44.292 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BG041169.D
 Acq: 10 Jun 2019 18:54

Tgt Ion:	154	Resp:	326704
Ion Ratio	Lower	Upper	
154	100		
153	112.3	88.6	133.0
152	53.7	44.2	66.4





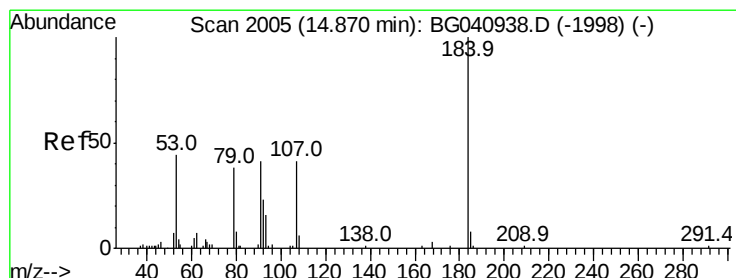
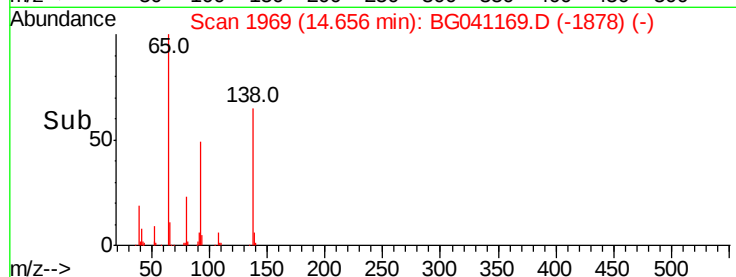
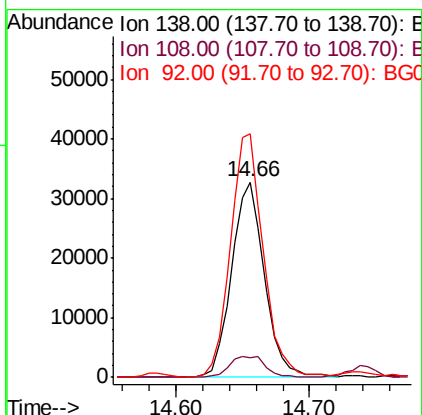
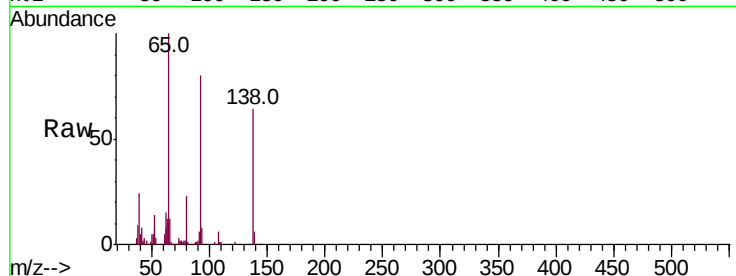
#53
3-Nitroaniline
Concen: 24.042 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.5	12.7
92	124.8	99.0	148.6

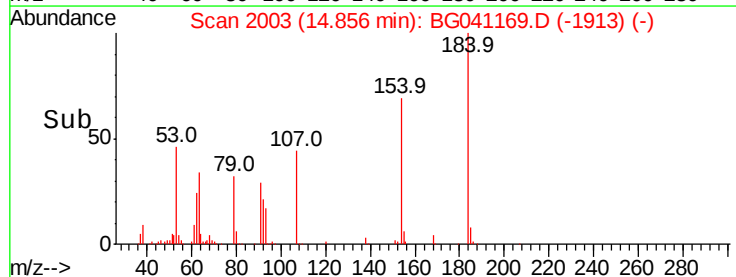
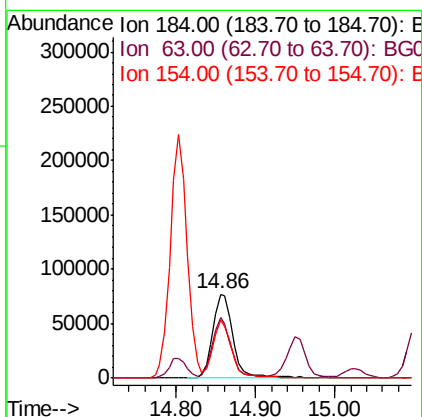
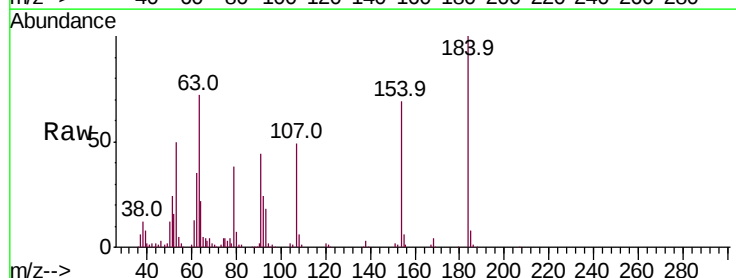
Manual Integrations
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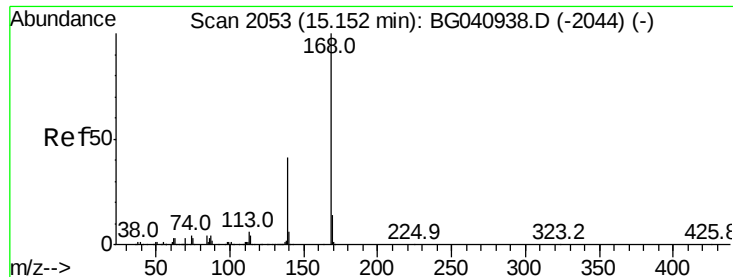
mohammad
6/14/2019 8:40:02 AM



#54
2,4-Dinitrophenol
Concen: 102.266 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.1	49.8	74.6
154	68.7	52.2	78.4





#55

Dibenzofuran

Concen: 45.665 ng

RT: 15.14 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

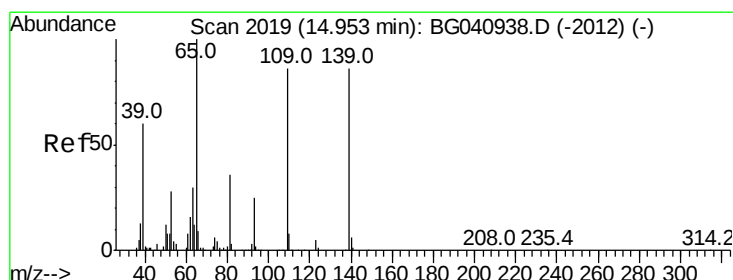
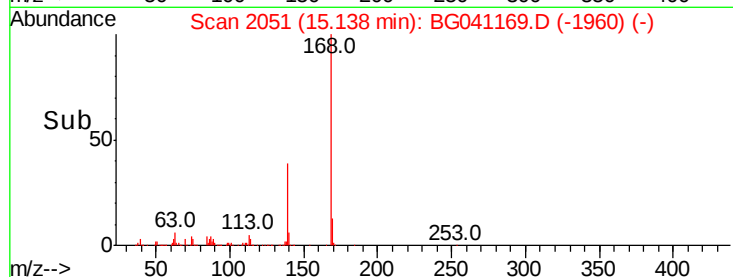
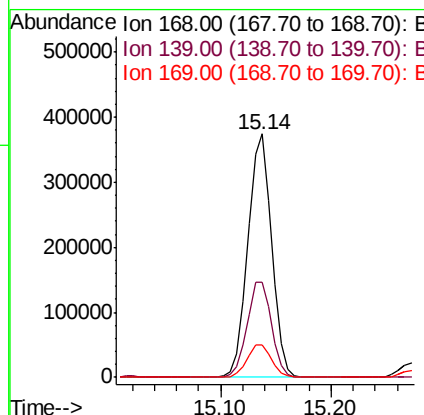
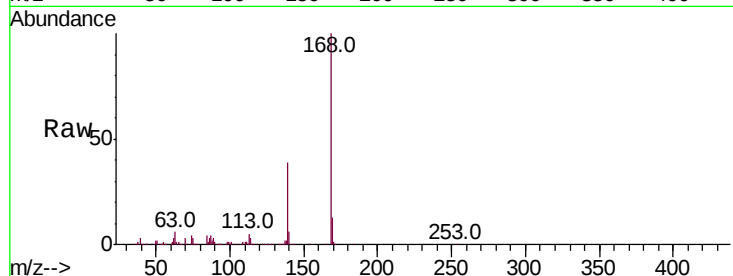
ClientSampleId :

PB120476BS

Tot Ion:	168	Resp:	566772
Ion Ratio	Lower	Upper	
168	100		
139	38.9	32.8	49.2
169	13.3	11.3	16.9

Manual Integrations
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6/14/2019 8:40:02 AM



#56

4-Nitrophenol

Concen: 97.705 ng

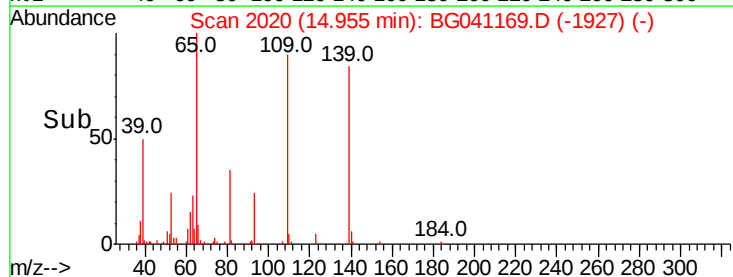
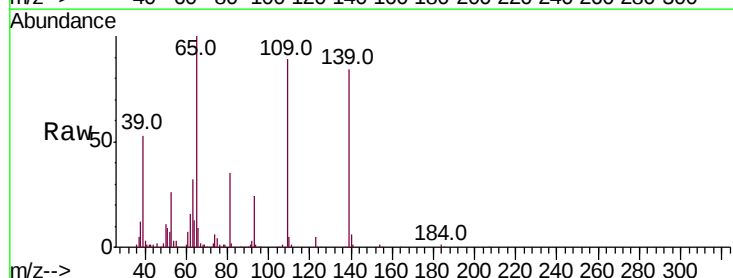
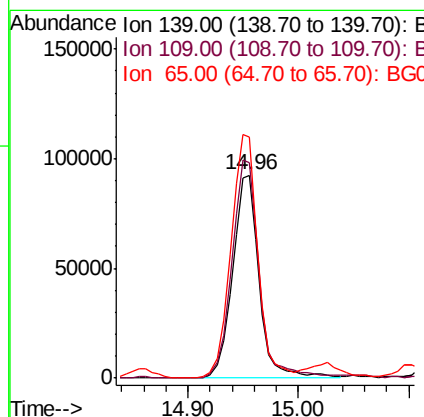
RT: 14.96 min Scan# 2020

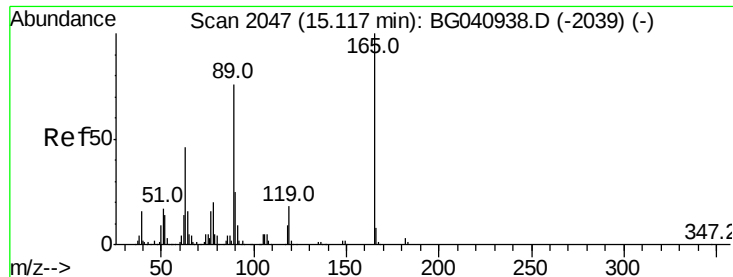
Delta R.T. 0.02 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Tgt Ion:	139	Resp:	155712
Ion Ratio	Lower	Upper	
139	100		
109	106.2	79.6	119.6
65	118.8	96.9	136.9





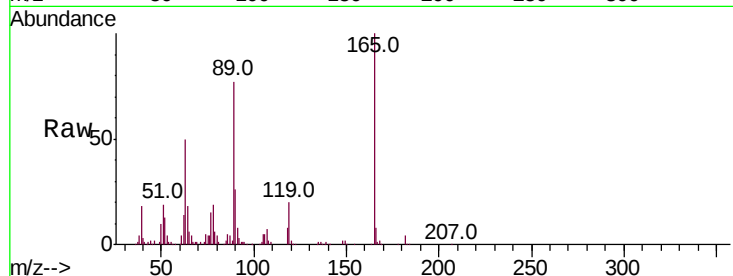
#57
2,4-Dinitrotoluene
Concen: 45.727 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.1	37.3	55.9	
89	77.3	61.0	91.6	
182	3.6	2.2	3.2	

Manual Integrations
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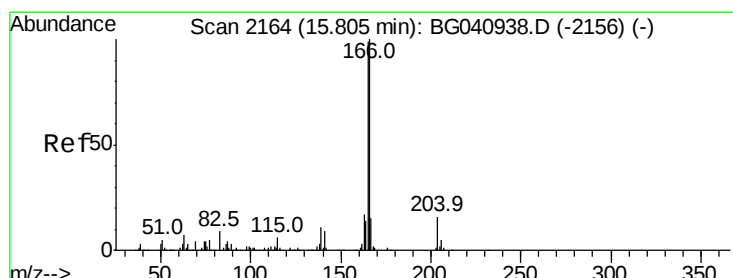
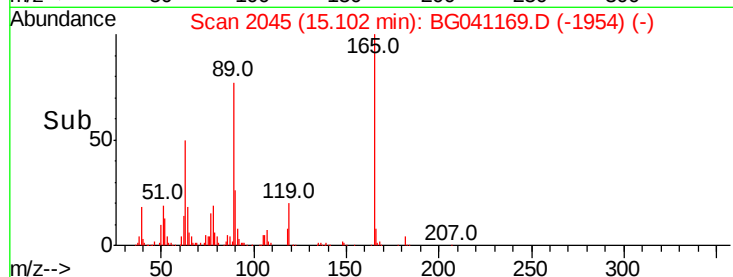
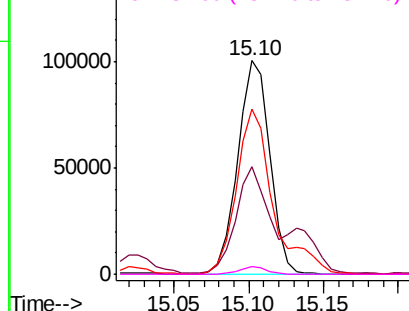
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

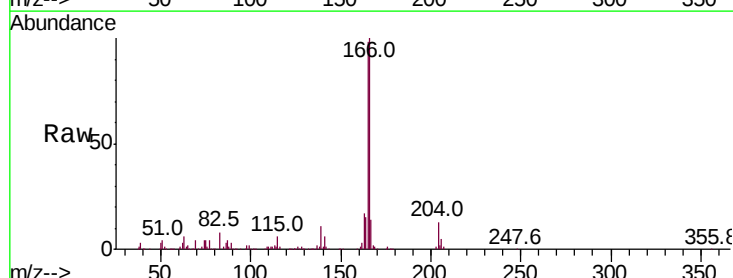
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.283 ng
RT: 15.78 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.5	79.2	118.8	
167	14.5	11.8	17.6	

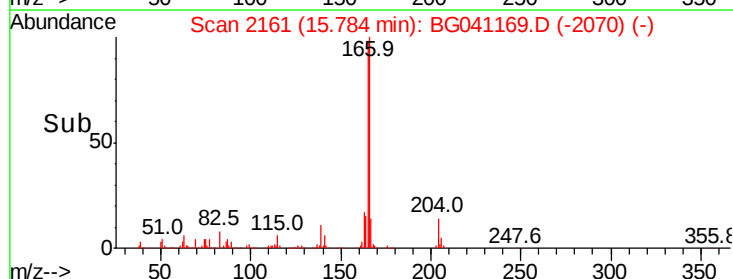
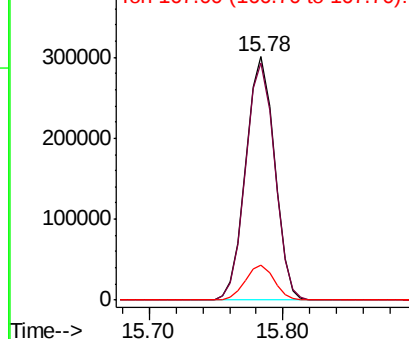


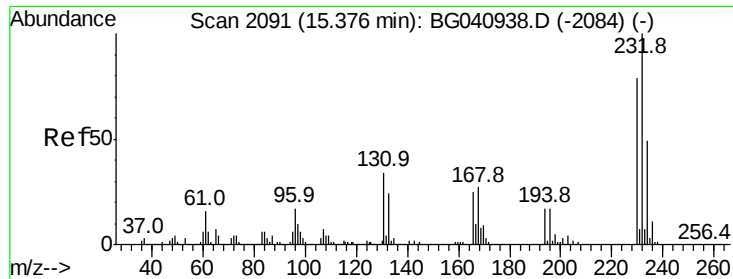
Abundance

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: 48.505 ng

RT: 15.35 min Scan# 2088

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

ClientSampleId :

PB120476BS

Tot Ion:232 Resp: 166877

Ion Ratio Lower Upper

232 100

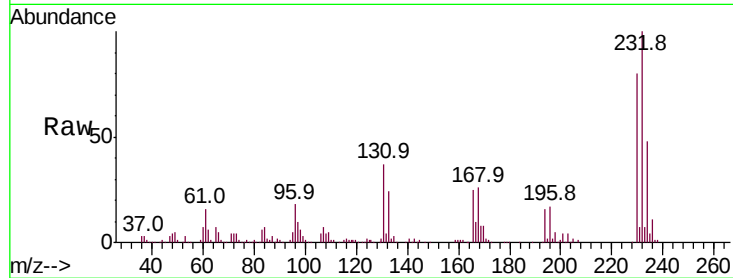
131 37.3 30.3 45.5

130 2.3 1.8 2.8

166 25.3 21.3 31.9

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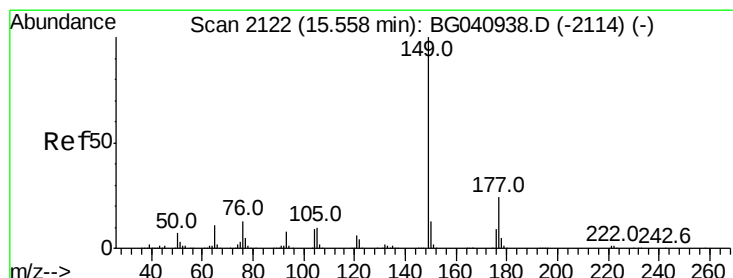
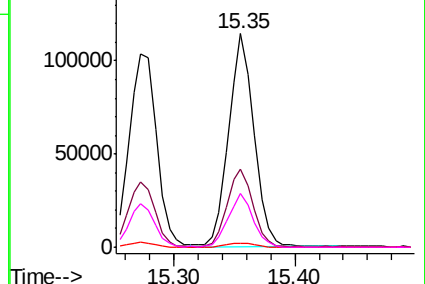
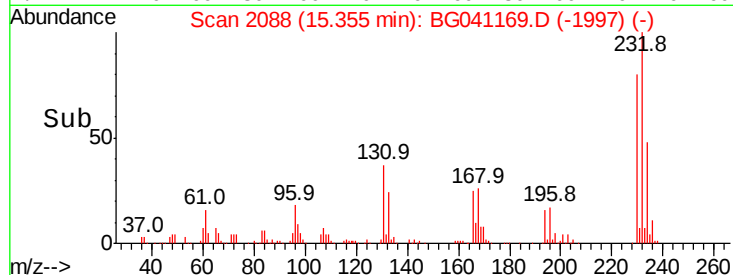


Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.189 ng

RT: 15.54 min Scan# 2119

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

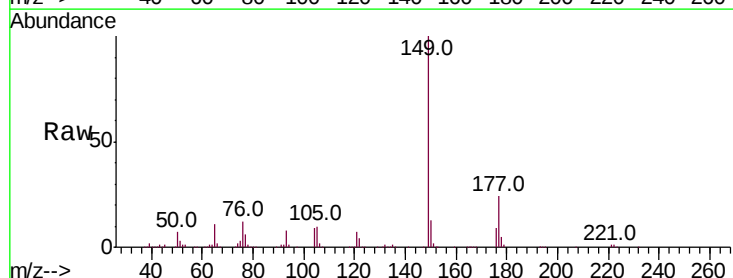
Tgt Ion:149 Resp: 463995

Ion Ratio Lower Upper

149 100

177 23.7 19.4 29.0

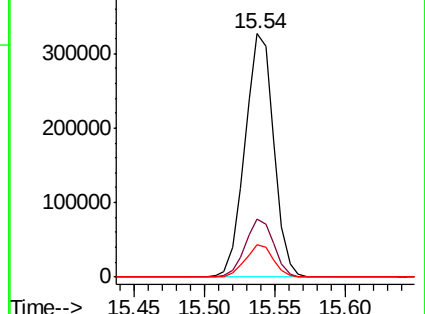
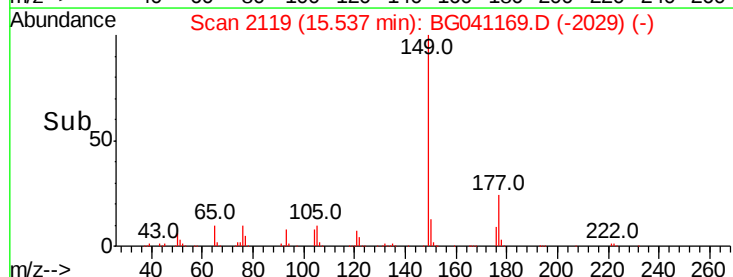
150 13.2 10.3 15.5

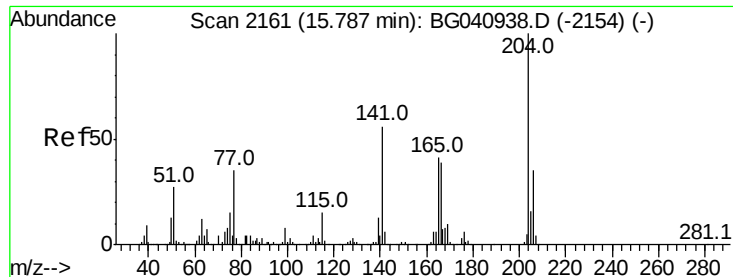


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 43.740 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

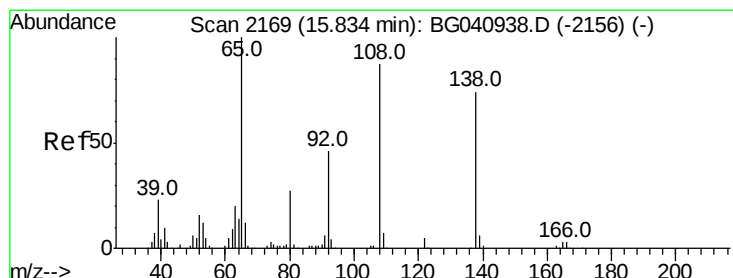
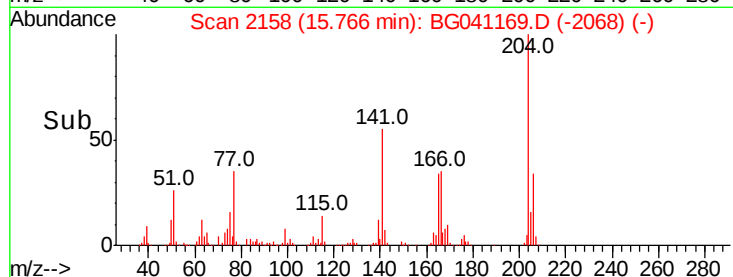
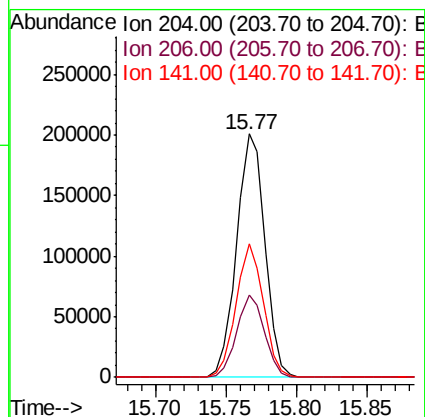
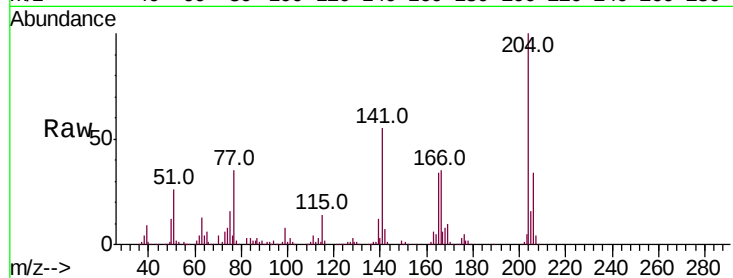
ClientSampleId :

PB120476BS

Tot Ion:	204	Resp:	281016
Ion Ratio	Lower	Upper	
204	100		
206	33.8	27.6	41.4
141	55.1	45.1	67.7

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#62

4-Nitroaniline

Concen: 42.618 ng

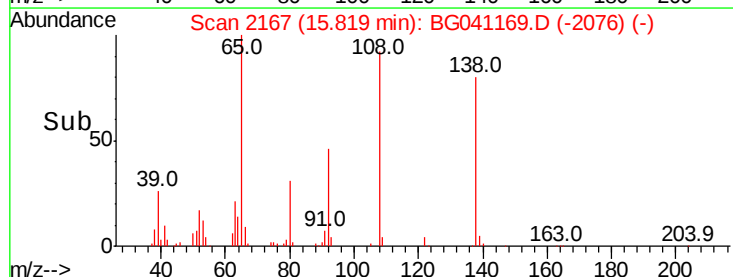
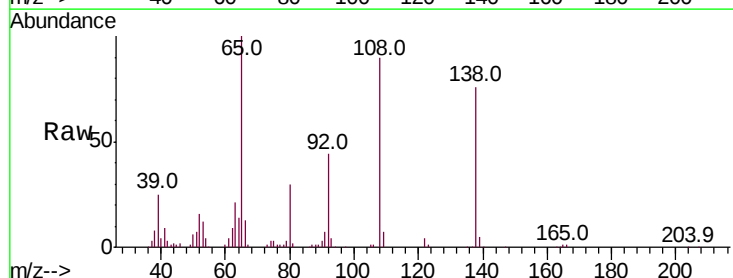
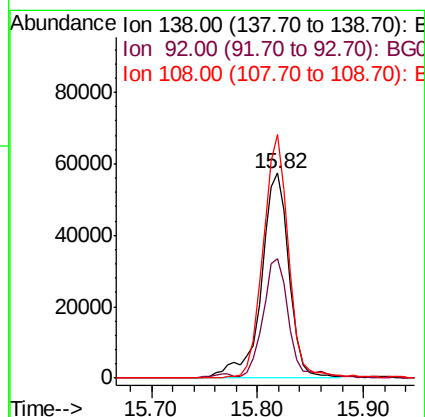
RT: 15.82 min Scan# 2167

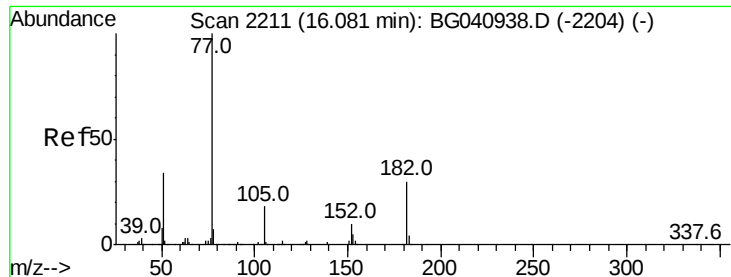
Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Tgt Ion:	138	Resp:	104832
Ion Ratio	Lower	Upper	
138	100		
92	58.5	42.4	82.4
108	118.9	96.9	136.9





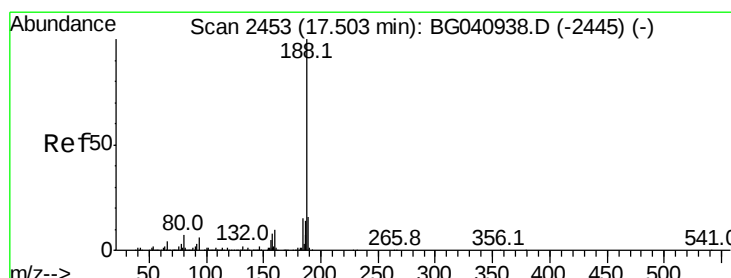
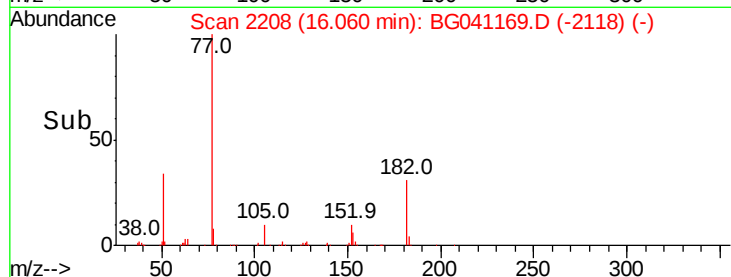
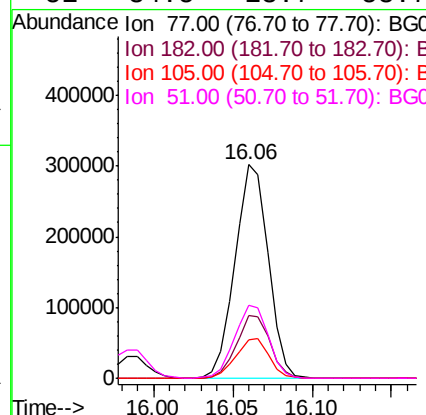
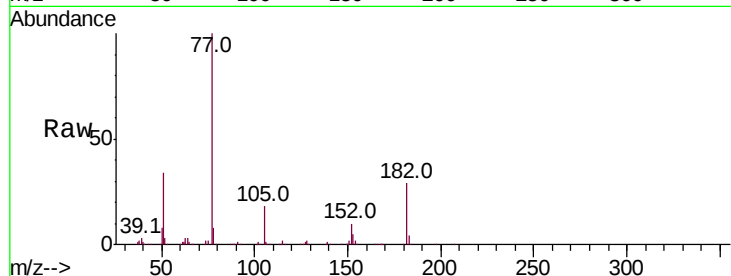
#63
Azobenzene
Concen: 43.806 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.3	9.6	49.6
105	17.8	0.0	37.5
51	34.5	13.7	53.7

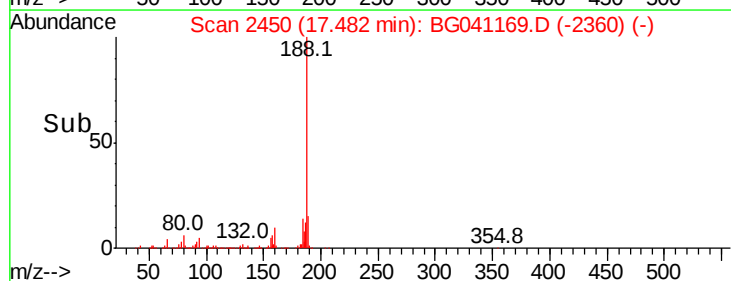
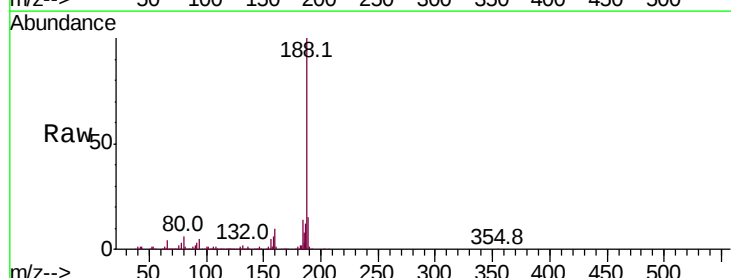
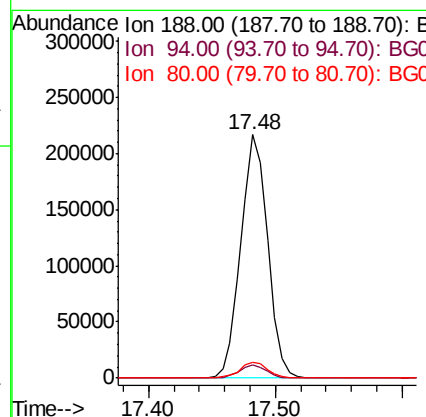
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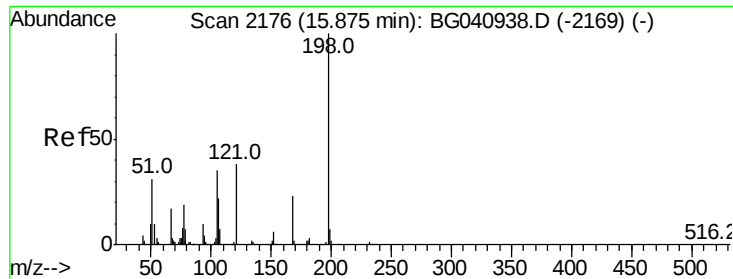
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.7	7.1
80	6.4	5.8	8.8





#65

4,6-Dinitro-2-methylphenol

Concen: 54.618 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

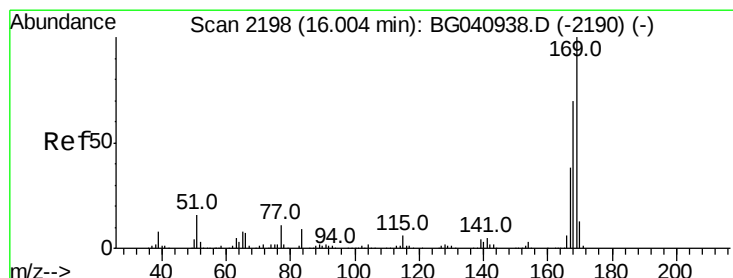
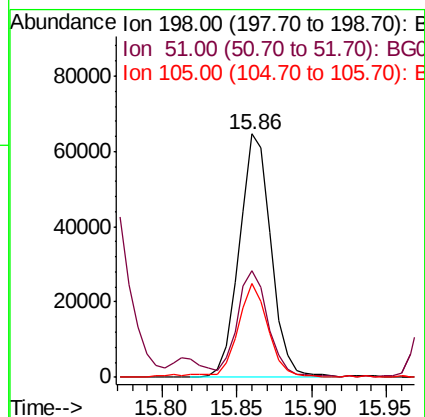
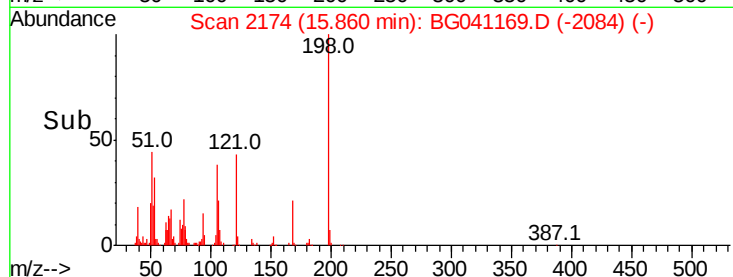
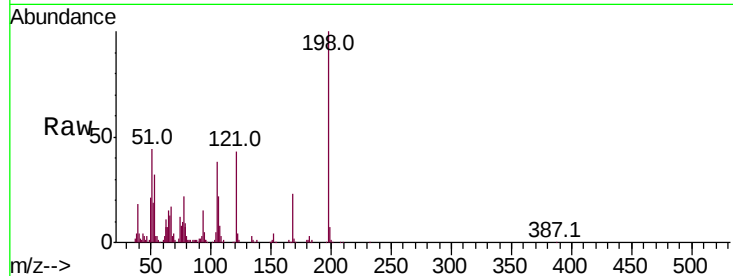
ClientSampleId :

PB120476BS

Tot Ion:198	Resp:	95459
Ion Ratio	Lower	Upper
198 100		
51 43.6	21.6	61.6
105 38.4	17.5	57.5

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#66

n-Nitrosodiphenylamine

Concen: 45.185 ng

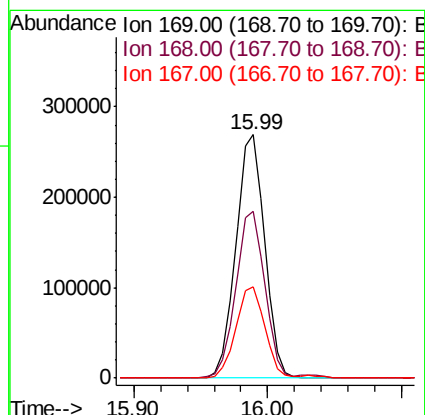
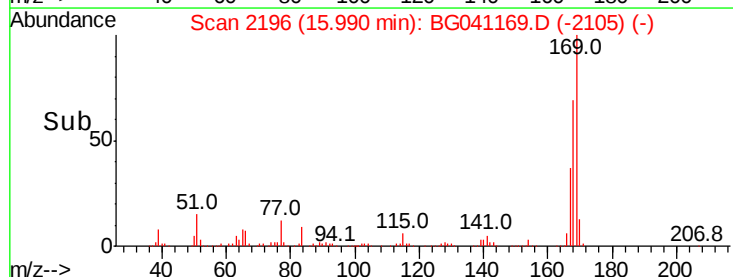
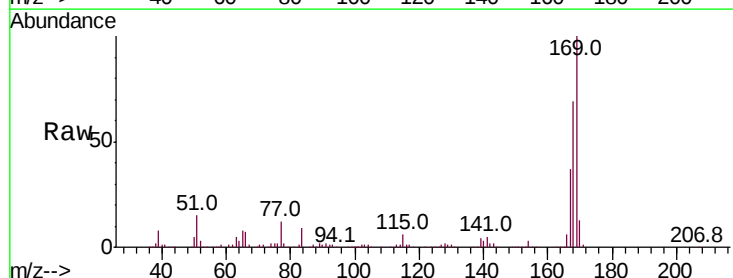
RT: 15.99 min Scan# 2196

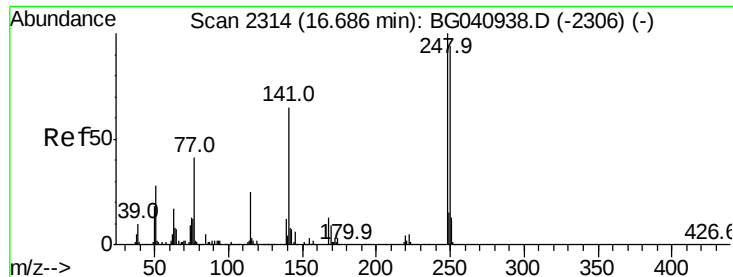
Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Tgt Ion:169	Resp:	403623
Ion Ratio	Lower	Upper
169 100		
168 68.6	55.7	83.5
167 37.3	30.2	45.2





#67

4-Bromophenyl-phenylether

Concen: 42.829 ng

RT: 16.67 min Scan# 2311

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

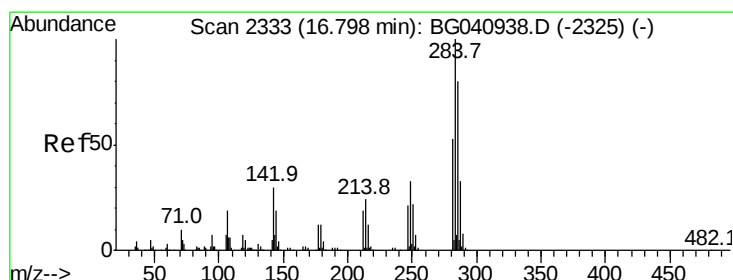
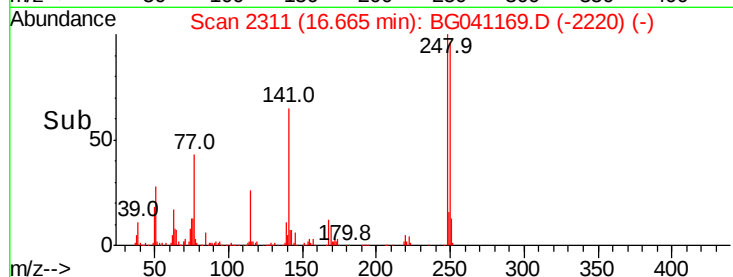
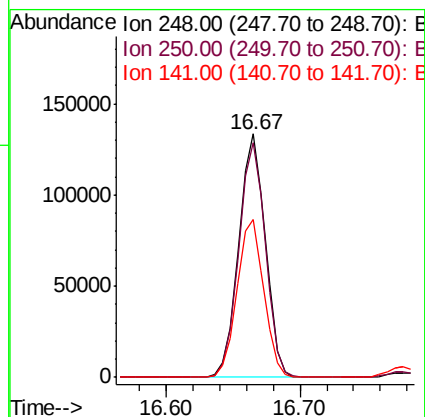
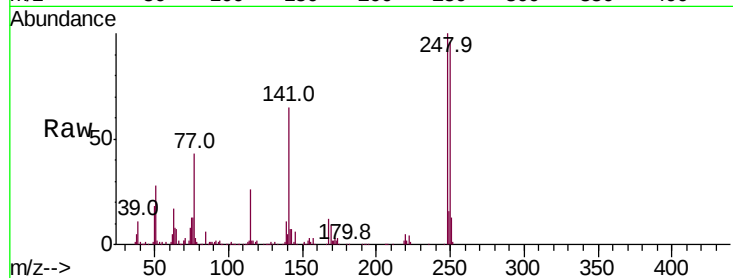
ClientSampleId :

PB120476BS

Tot Ion:	248	Resp:	183666
Ion Ratio	Lower	Upper	
248	100		
250	96.5	75.0	112.4
141	65.0	52.4	78.6

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#68

Hexachlorobenzene

Concen: 42.292 ng

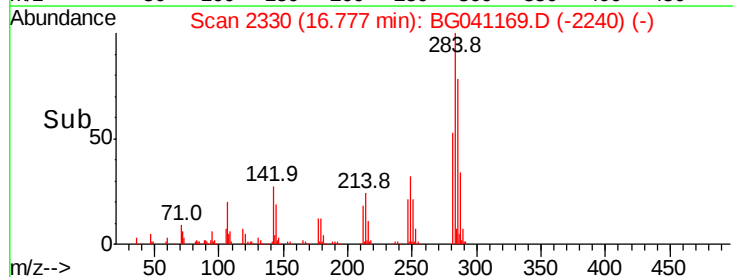
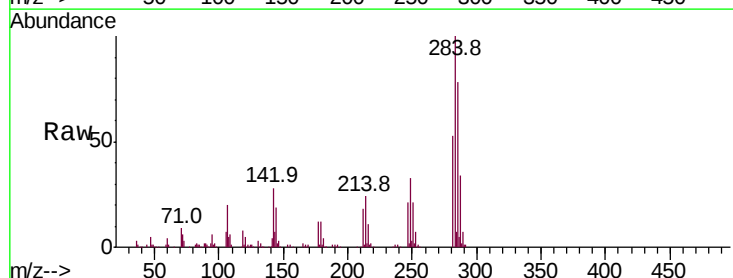
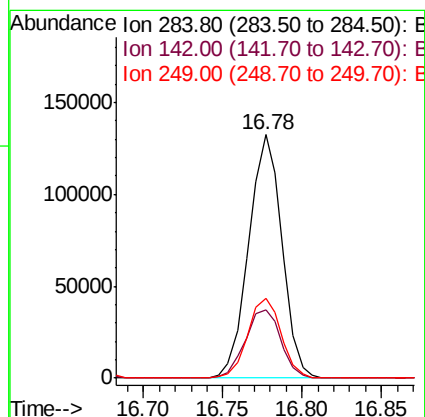
RT: 16.78 min Scan# 2330

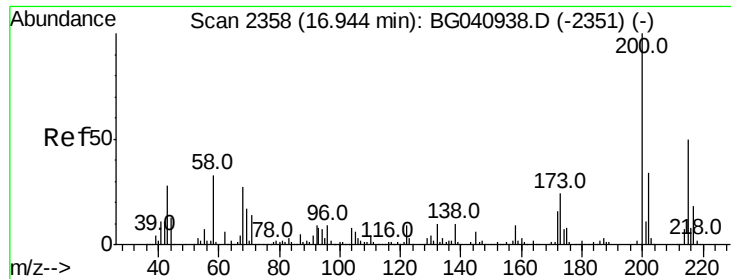
Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Tgt Ion:	284	Resp:	193124
Ion Ratio	Lower	Upper	
284	100		
142	28.1	23.9	35.9
249	32.7	26.8	40.2





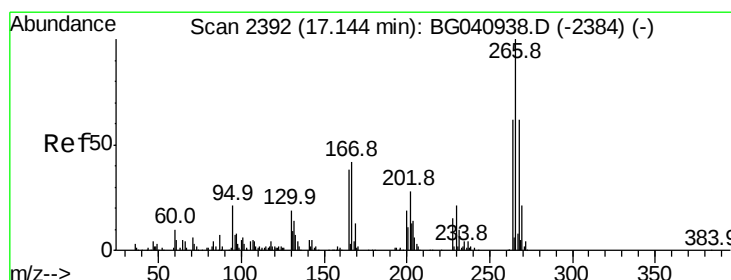
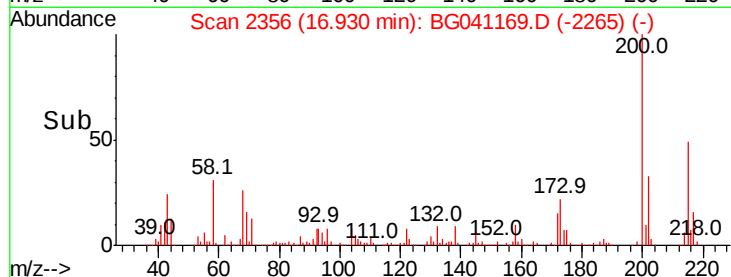
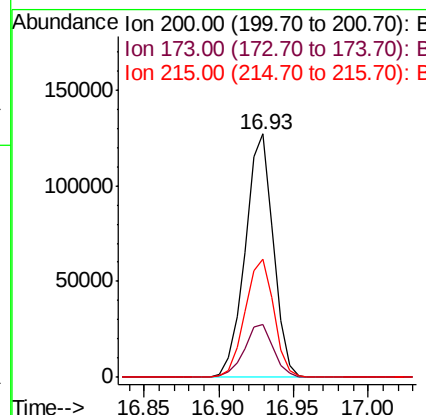
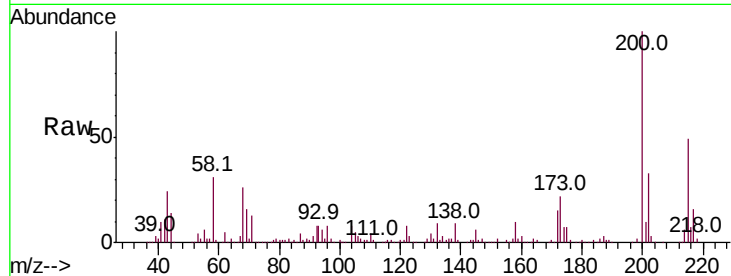
#69
Atrazine
Concen: 47.924 ng
RT: 16.93 min Scan# 2356
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	21.8	3.6	43.6
215	48.6	29.6	69.6

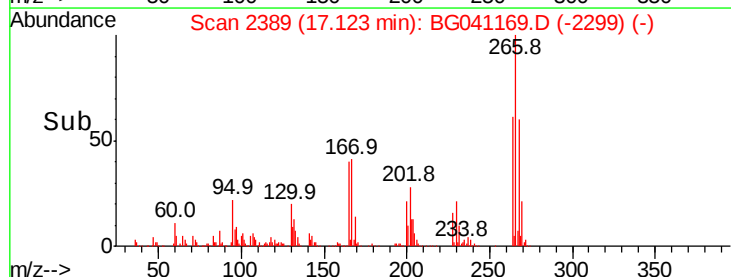
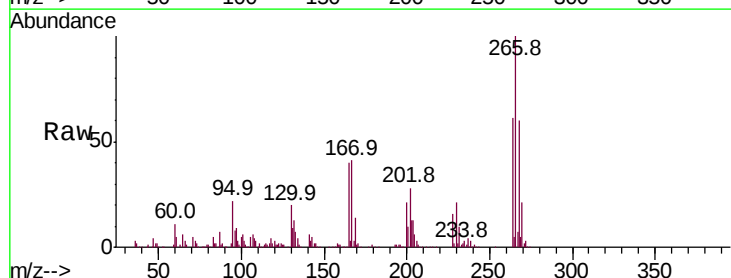
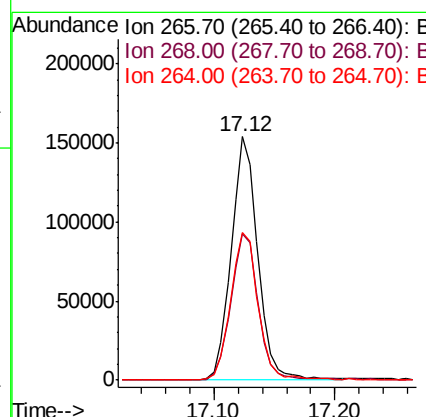
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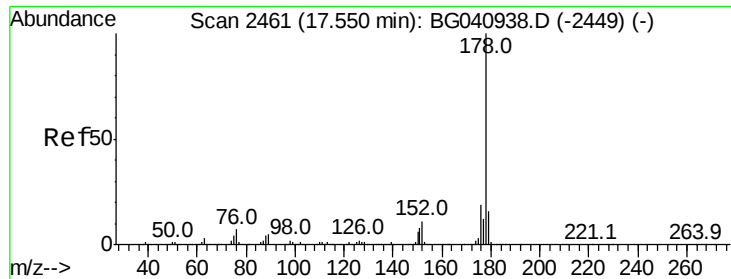
mohammad
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#70
Pentachlorophenol
Concen: 95.239 ng
RT: 17.12 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.2	53.1	79.7
264	60.6	49.9	74.9





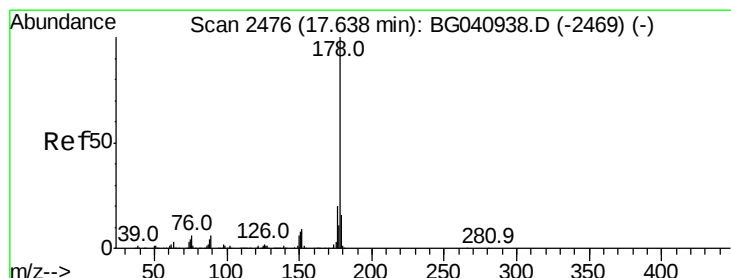
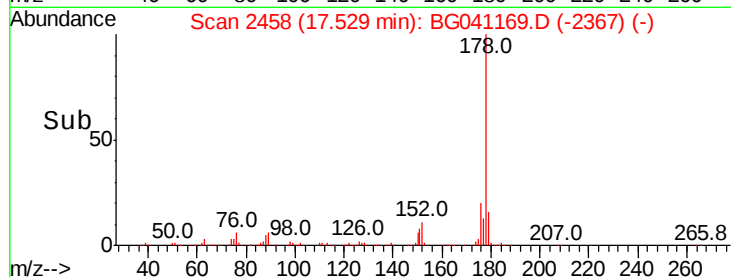
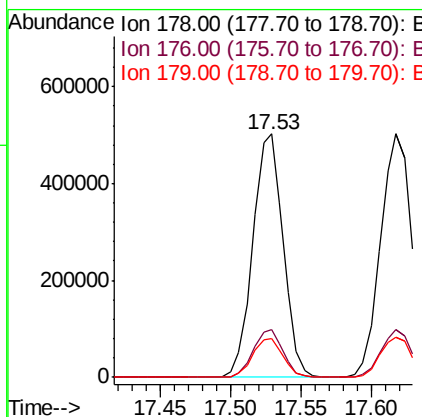
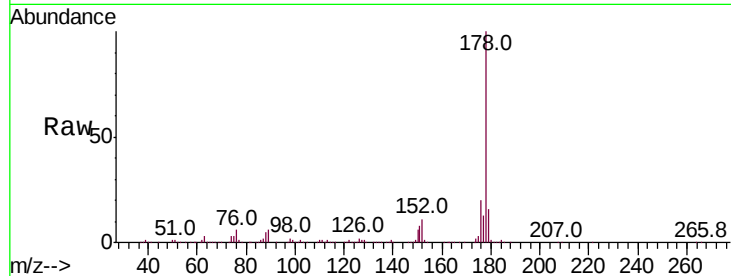
#71
Phenanthrene
Concen: 45.803 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	16.1	12.7	19.1

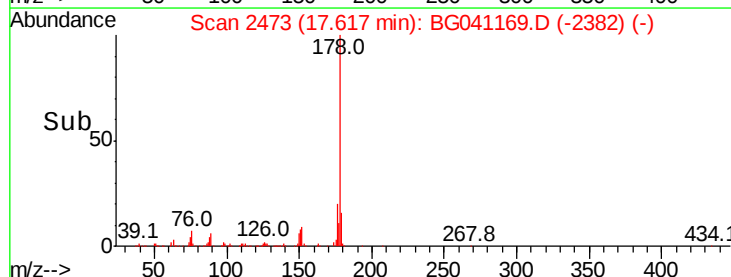
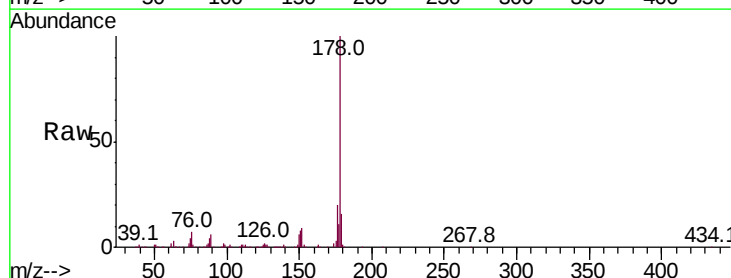
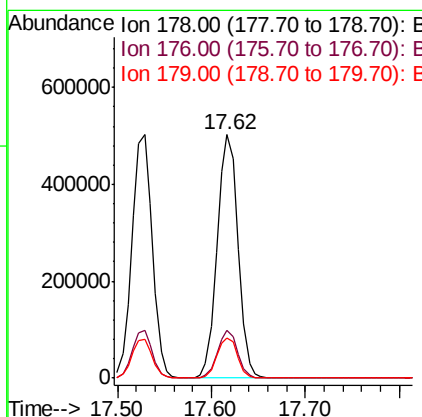
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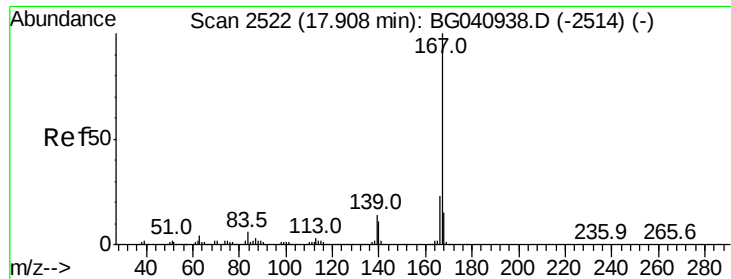
mohammad
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#72
Anthracene
Concen: 47.717 ng
RT: 17.62 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	16.4	13.0	19.4





#73

Carbazole

Concen: 47.943 ng

RT: 17.89 min Scan# 2519

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

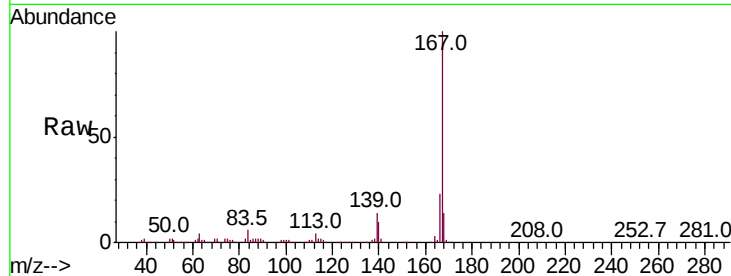
ClientSampleId :

PB120476BS

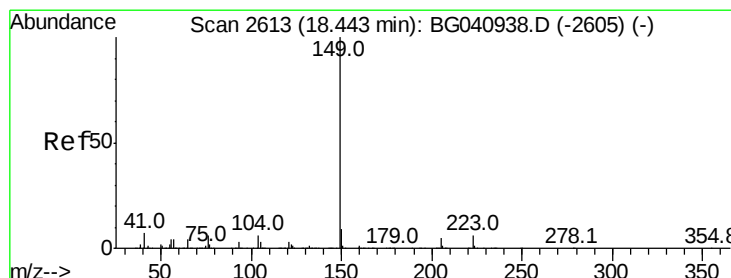
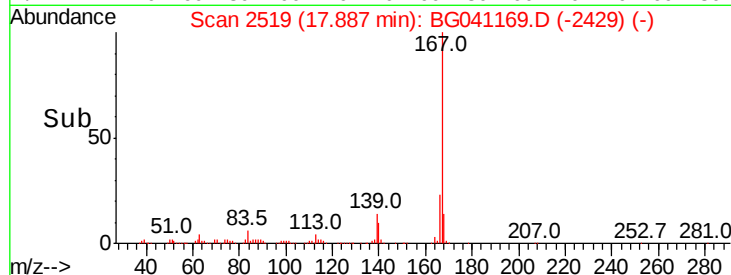
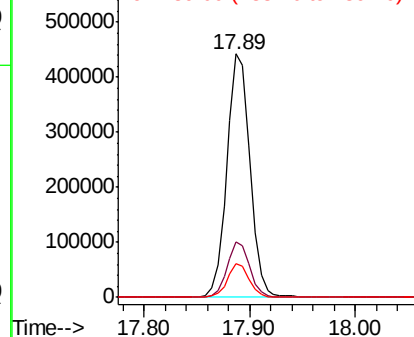
Tot Ion:	167	Resp:	671549
Ion Ratio	Lower	Upper	
167	100		
166	23.0	18.2	27.4
139	13.7	10.8	16.2

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Abundance Ion 167.00 (166.70 to 167.70): E
600000
Ion 166.00 (165.70 to 166.70): E
500000
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.424 ng

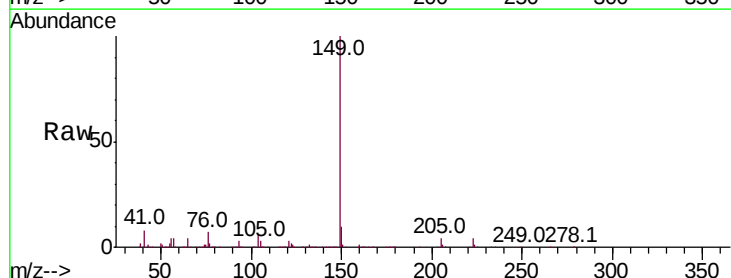
RT: 18.42 min Scan# 2609

Delta R.T. -0.00 min

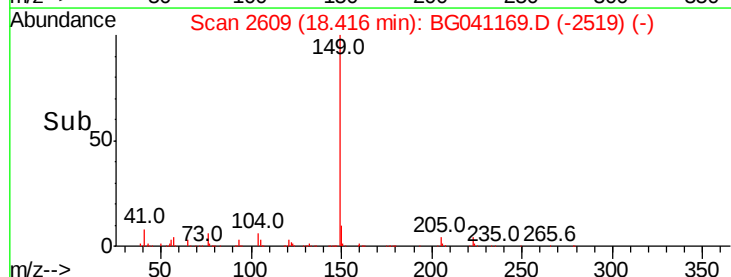
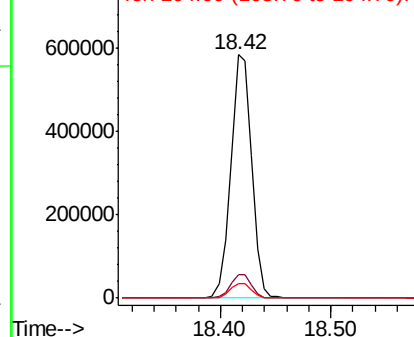
Lab File: BG041169.D

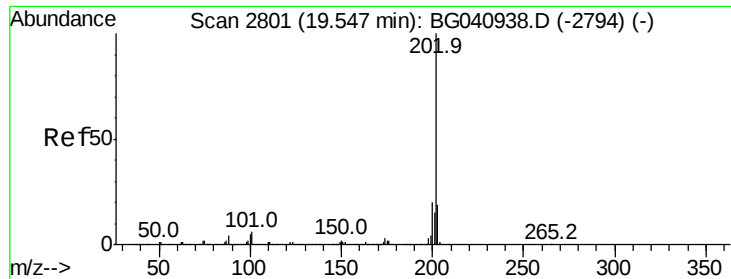
Acq: 10 Jun 2019 18:54

Tgt Ion:	149	Resp:	773383
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.4	11.2
104	6.0	5.0	7.4



Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 150.00 (149.70 to 150.70): E
600000
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.236 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

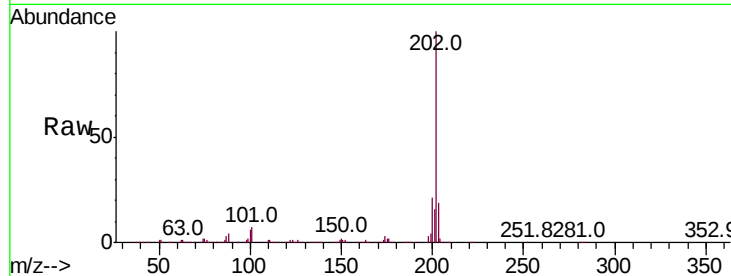
ClientSampleId :

PB120476BS

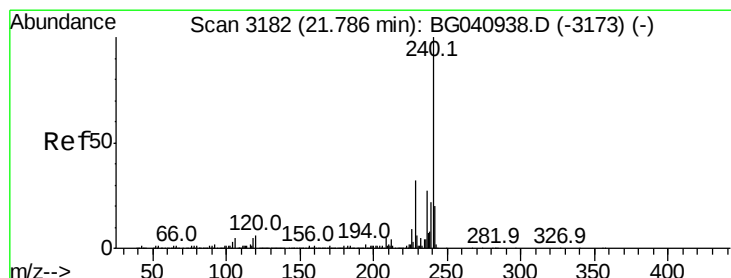
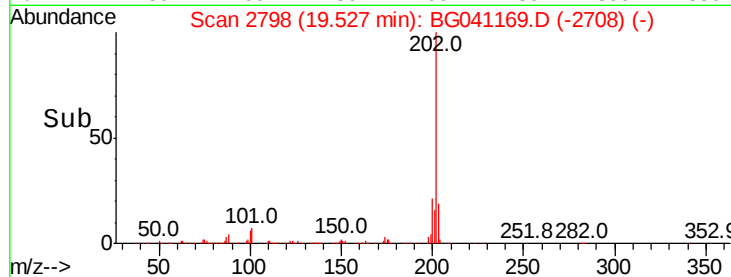
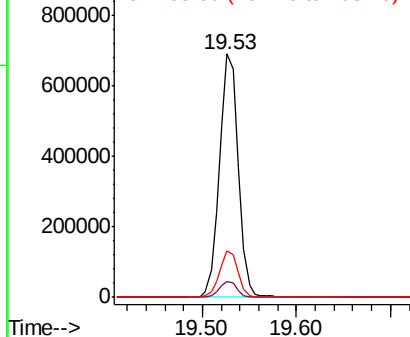
Tot Ion:	202	Resp:	965711
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	26.2
203	19.0	0.0	38.7

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



#76

Chrysene-d12

Concen: 20.000 ng

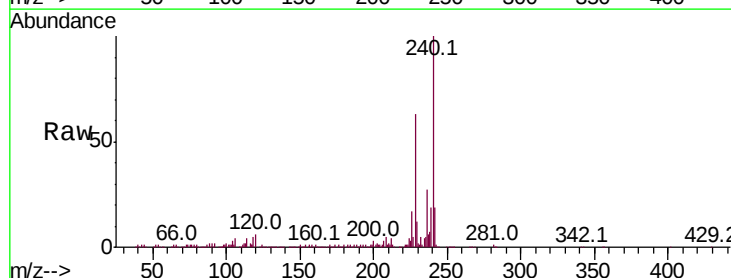
RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

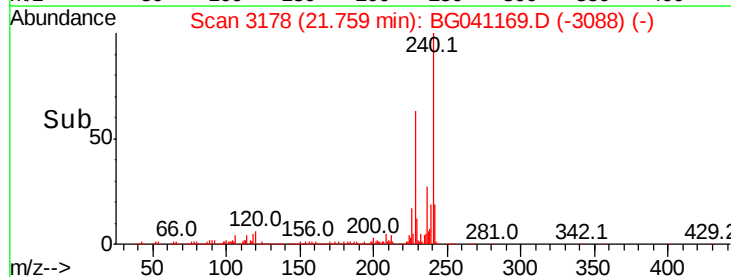
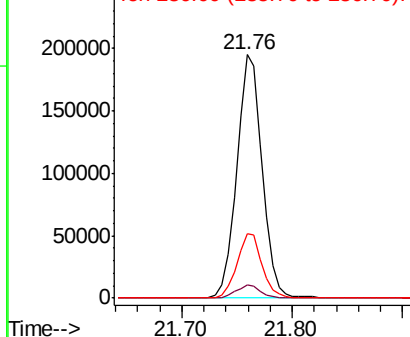
Lab File: BG041169.D

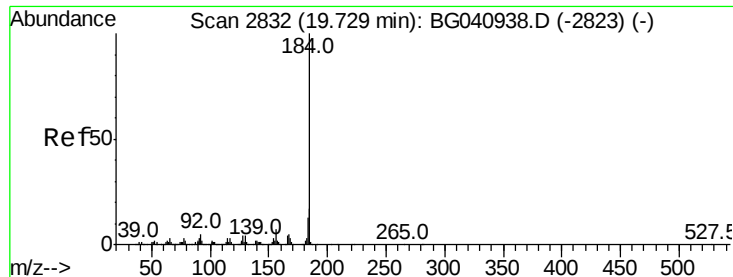
Acq: 10 Jun 2019 18:54

Tgt Ion:	240	Resp:	313908
Ion Ratio	Lower	Upper	
240	100		
120	5.5	4.5	6.7
236	26.7	21.3	31.9



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





#77

Benzidine

Concen: 24.894 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

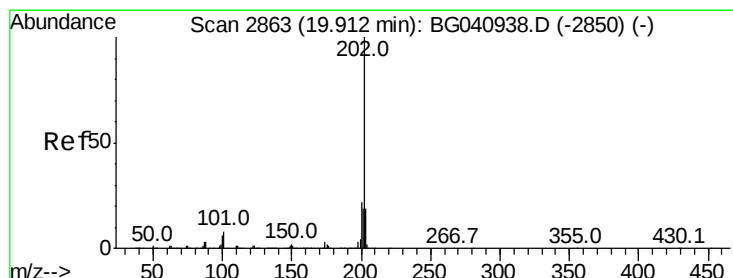
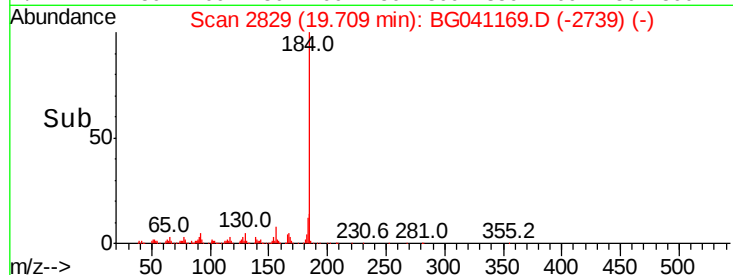
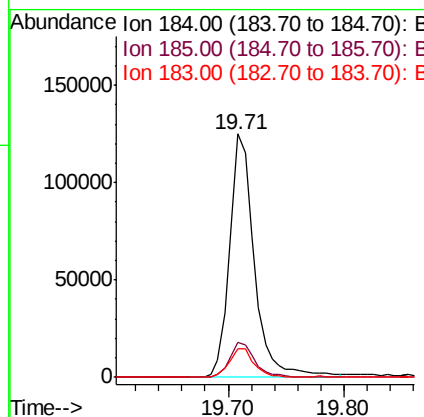
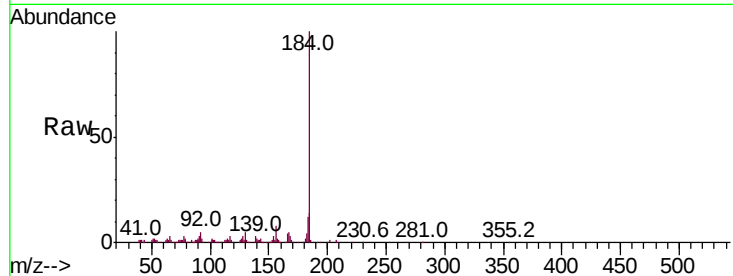
ClientSampleId :

PB120476BS

Tot Ion:	184	Resp:	186413
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.3	19.9
183	11.7	10.7	16.1

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#78

Pyrene

Concen: 47.517 ng

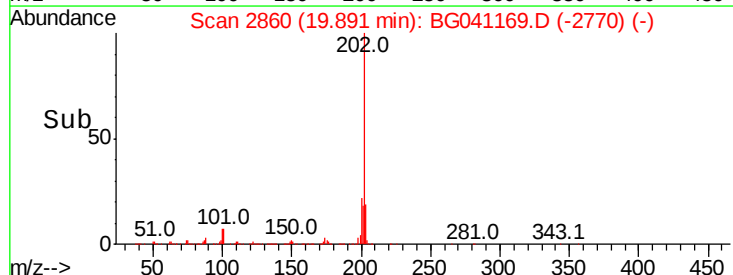
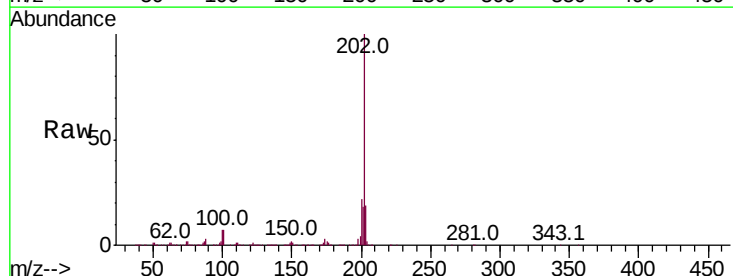
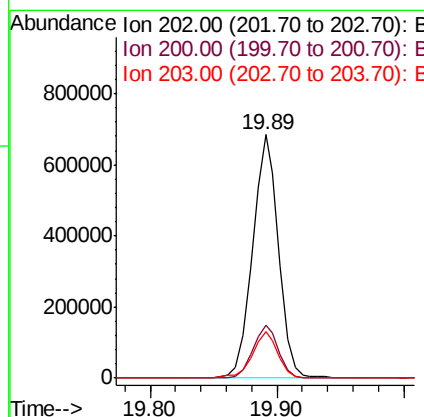
RT: 19.89 min Scan# 2860

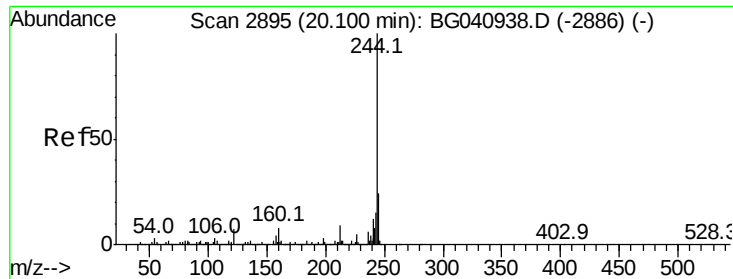
Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Tgt Ion:	202	Resp:	969628
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.5	26.3
203	19.1	15.6	23.4





#79

Terphenyl-d14

Concen: 99.025 ng

RT: 20.08 min Scan# 2892

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

ClientSampleId :

PB120476BS

Tot Ion:244 Resp: 1464643

Ion Ratio Lower Upper

244 100

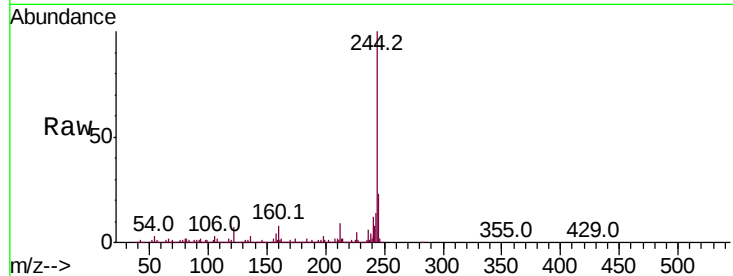
212 9.2 7.0 10.4

122 7.0 5.4 8.0

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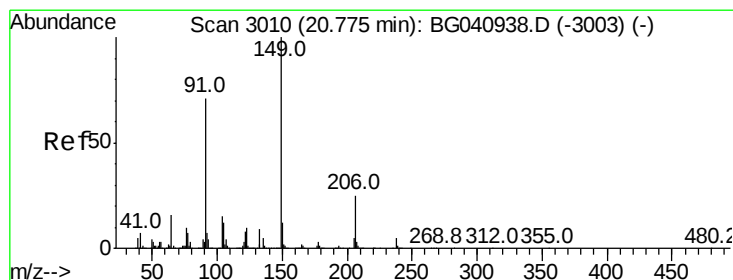
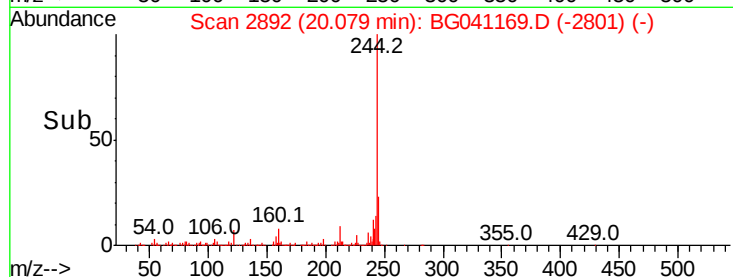
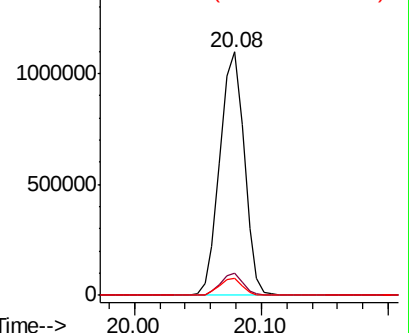
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.482 ng

RT: 20.75 min Scan# 3007

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

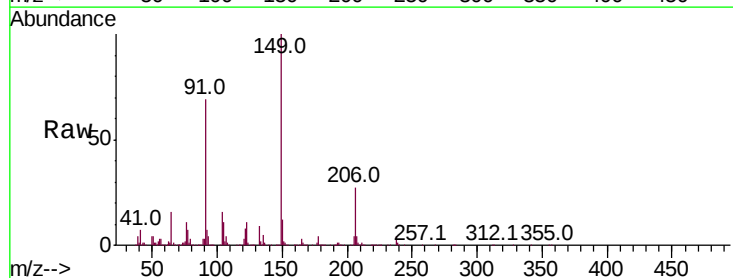
Tgt Ion:149 Resp: 361184

Ion Ratio Lower Upper

149 100

91 69.4 56.5 84.7

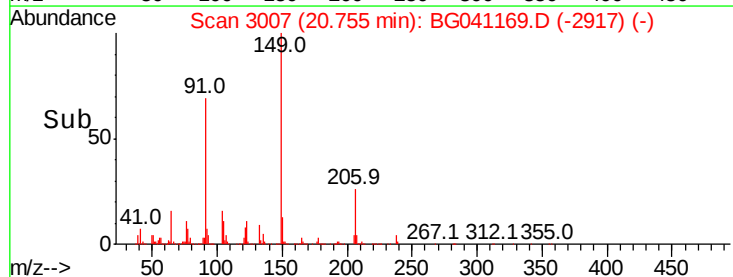
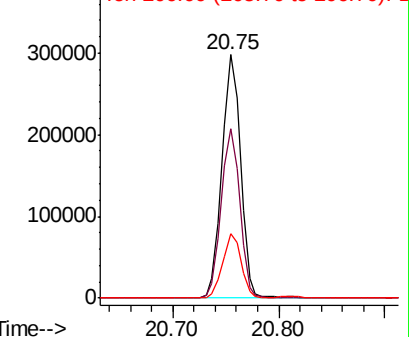
206 26.5 20.3 30.5

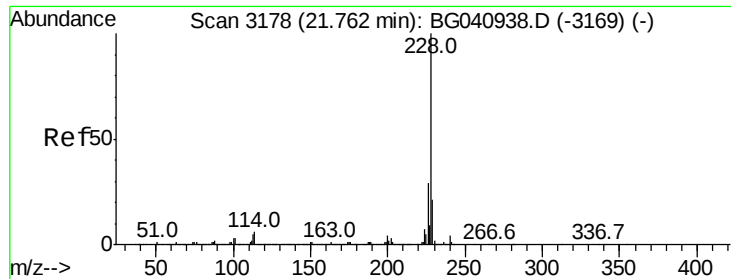


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





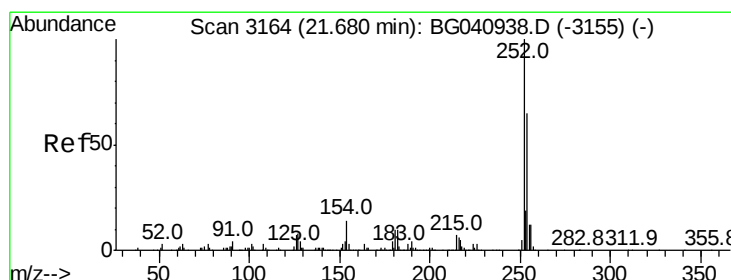
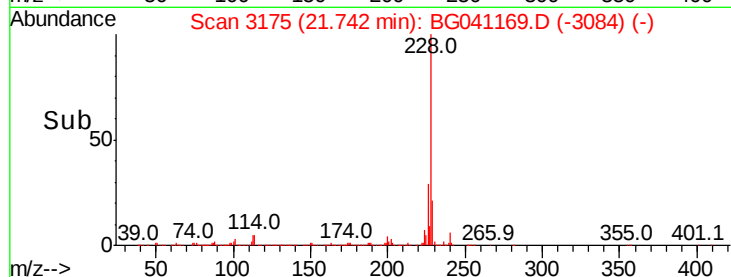
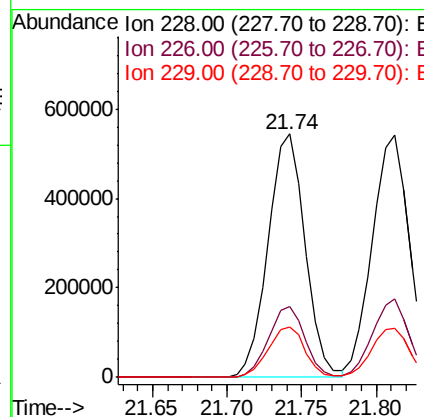
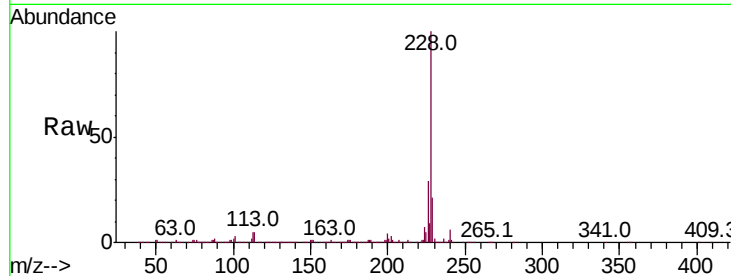
#81
Benzo(a)anthracene
Concen: 44.881 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.5	35.3
229	20.9	16.7	25.1

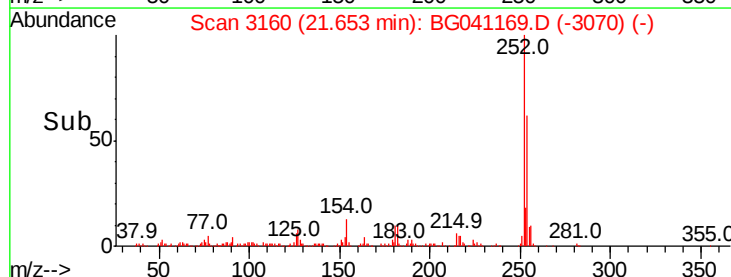
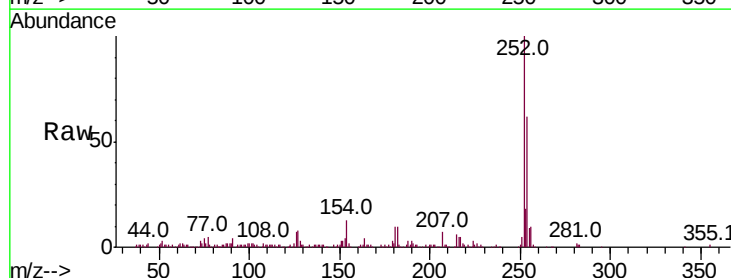
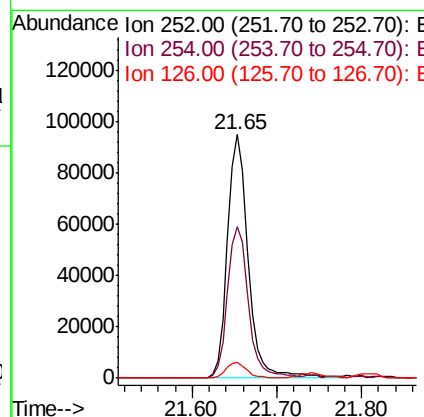
Manual Integrations
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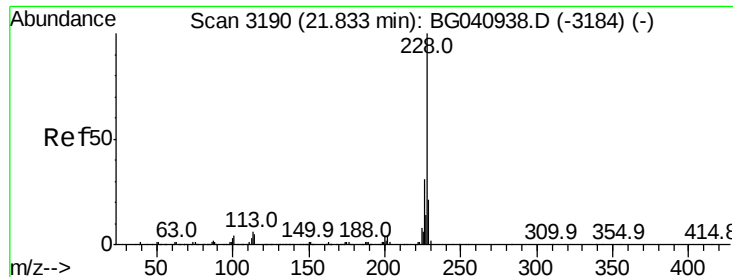
mohammad
6/14/2019 8:40:02 AM



#82
3,3'-Dichlorobenzidine
Concen: 22.064 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.1	52.1	78.1
126	6.5	5.5	8.3





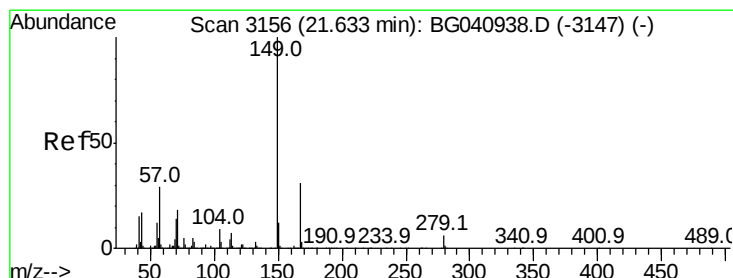
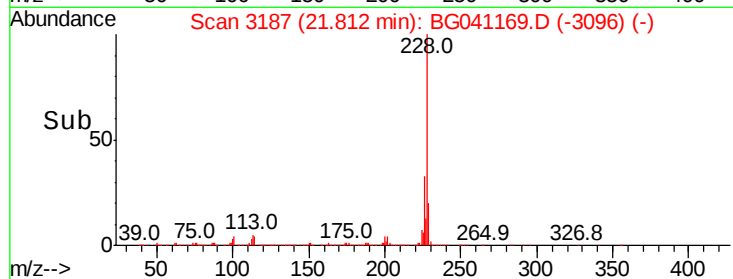
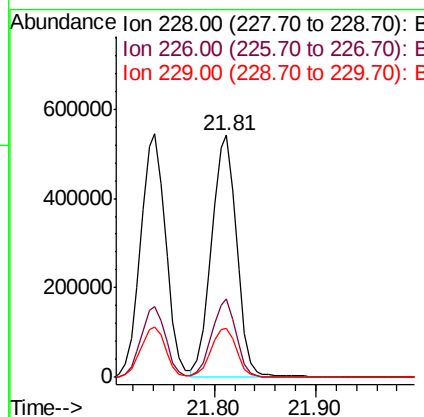
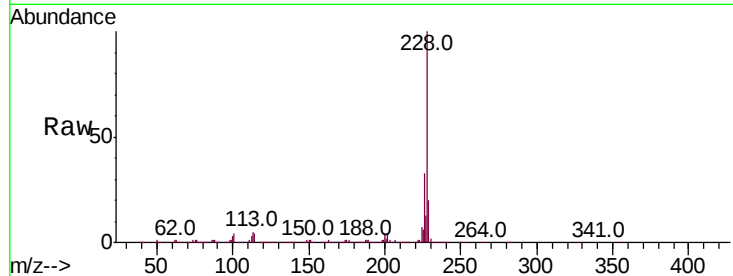
#83
Chrysene
Concen: 46.346 ng
RT: 21.81 min Scan# 3187
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.6	37.0
229	20.0	16.6	24.8

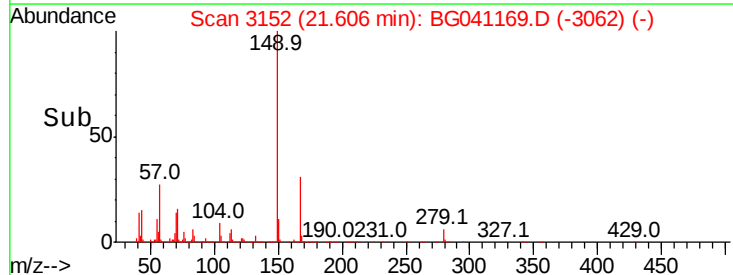
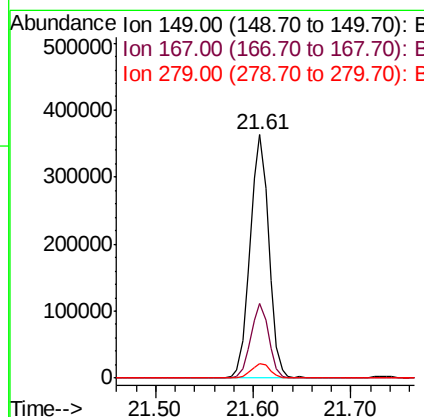
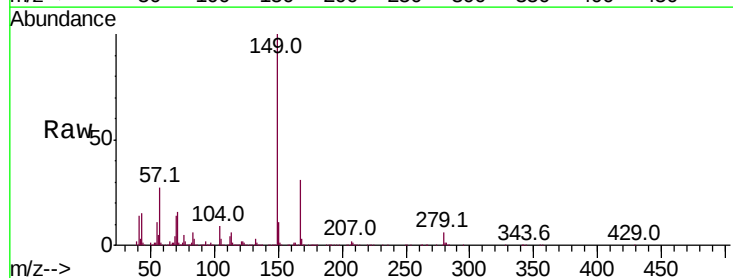
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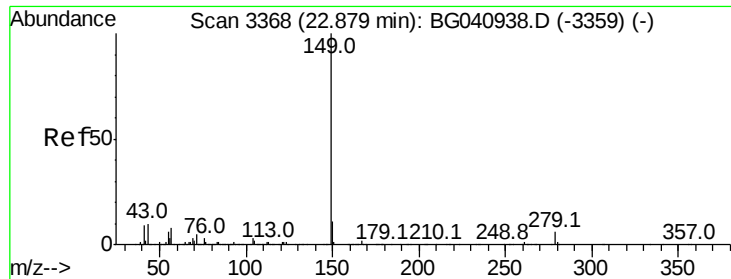
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.602 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.8	24.6	37.0
279	6.2	5.0	7.6





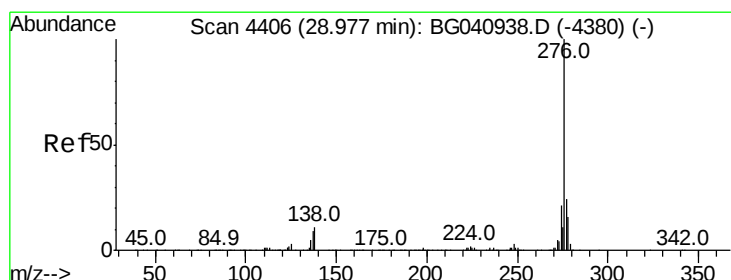
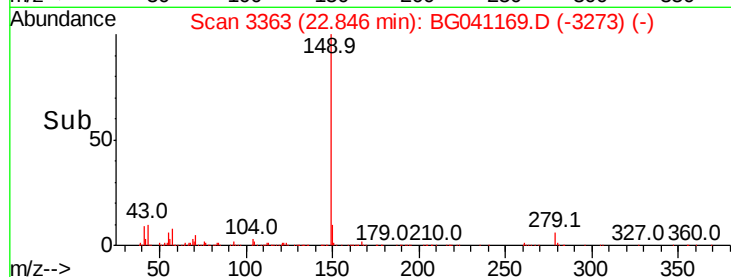
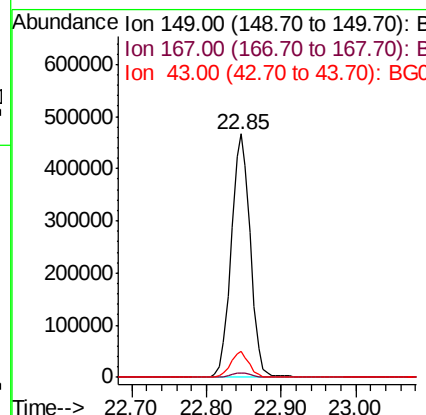
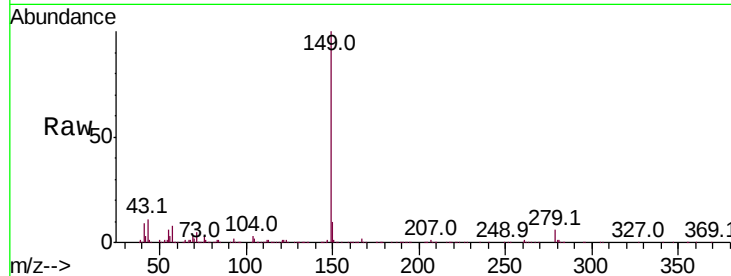
#85
Di-n-octyl phthalate
Concen: 44.464 ng
RT: 22.85 min Scan# 3363
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.9	1.4	2.0	
43	9.8	8.1	12.1	

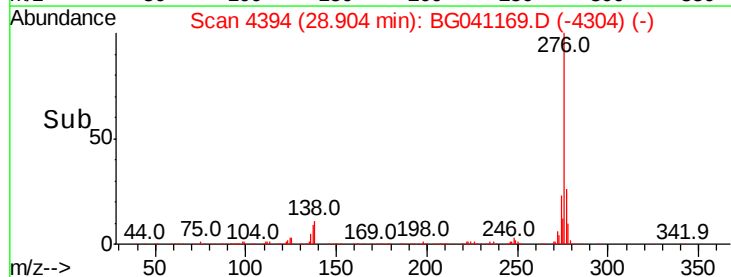
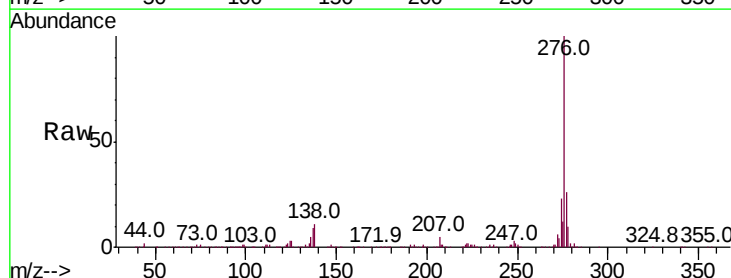
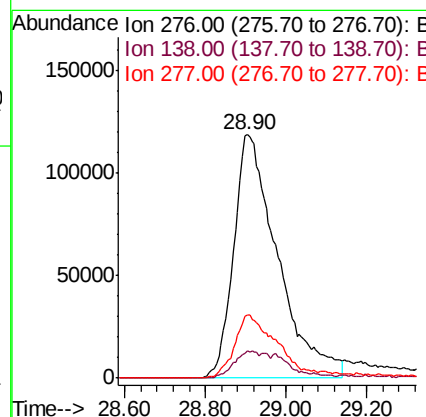
Manual Integrations
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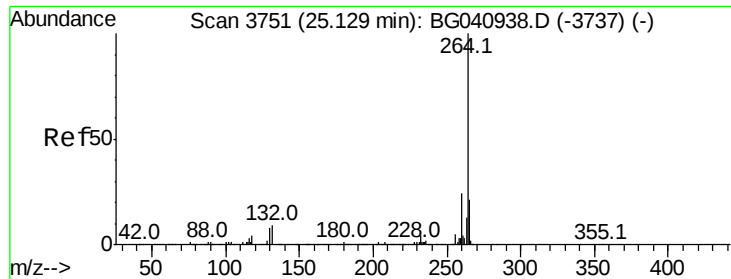
mohammad
6/14/2019 8:40:02 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.677 ng
RT: 28.90 min Scan# 4394
Delta R.T. -0.00 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	6.1	5.7	8.5	
277	24.9	20.8	31.2	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3745

Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

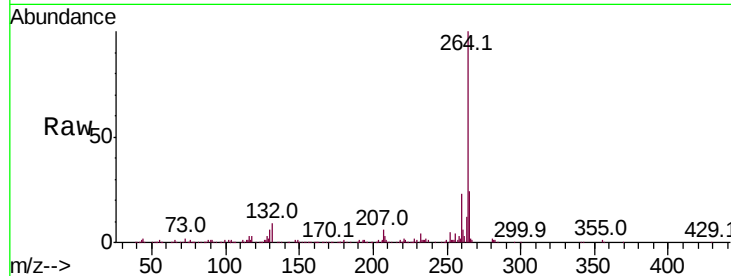
ClientSampled :

PB120476BS

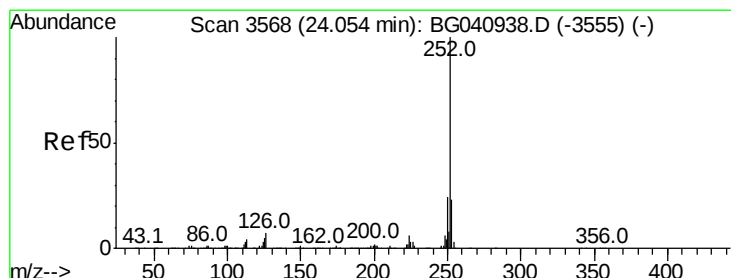
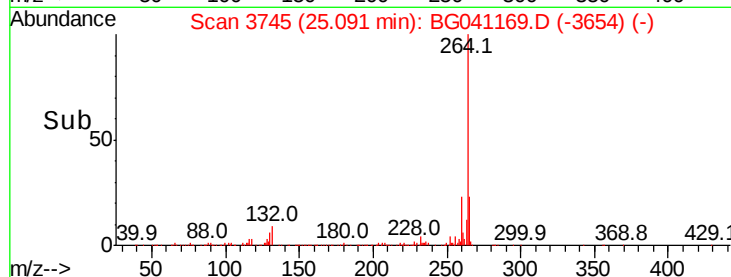
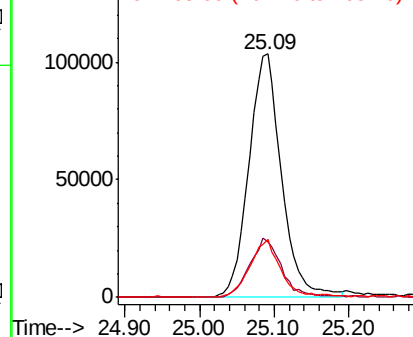
Tot Ion:	264	Resp:	314703
Ion Ratio	Lower	Upper	
264	100		
260	22.6	19.0	28.4
265	23.7	17.0	25.4

Manual Integrations
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.399 ng

RT: 24.02 min Scan# 3563

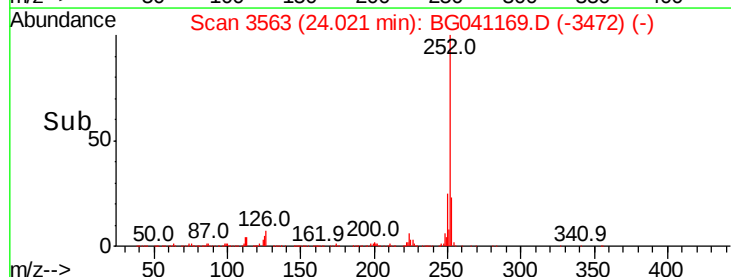
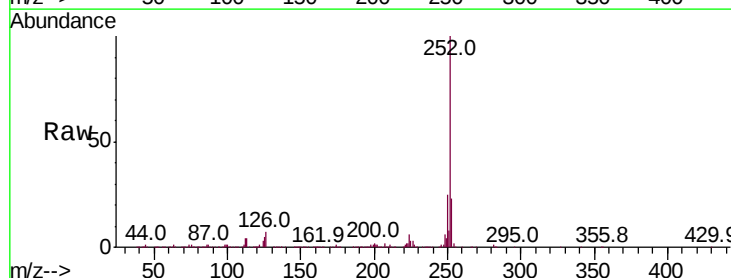
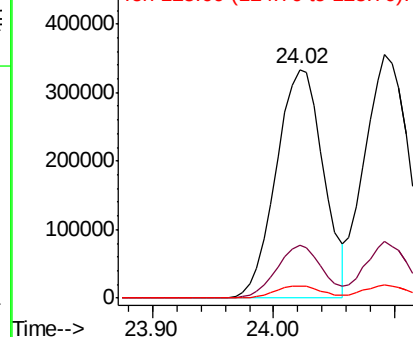
Delta R.T. 0.01 min

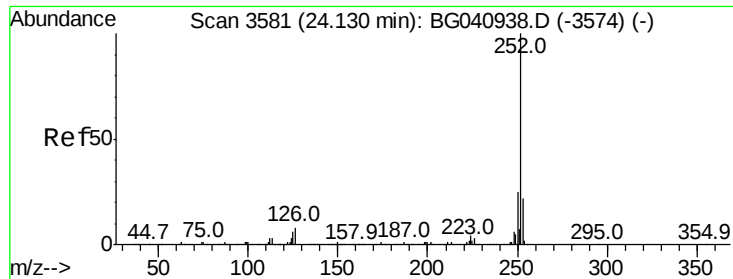
Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Tgt Ion:	252	Resp:	904745
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.4	27.6
125	5.4	4.3	6.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 48.922 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.00 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Instrument :

BNA_G

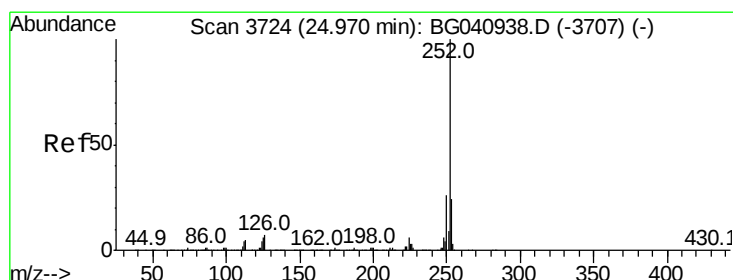
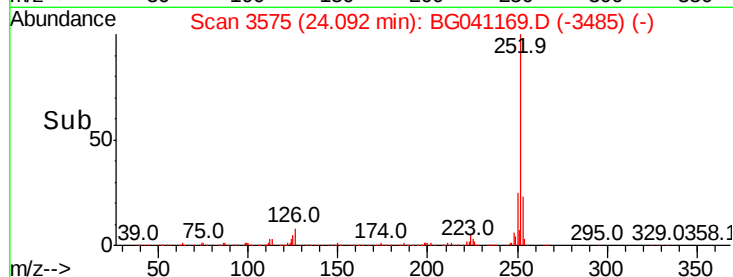
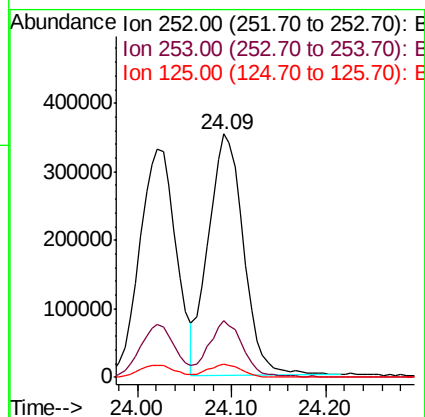
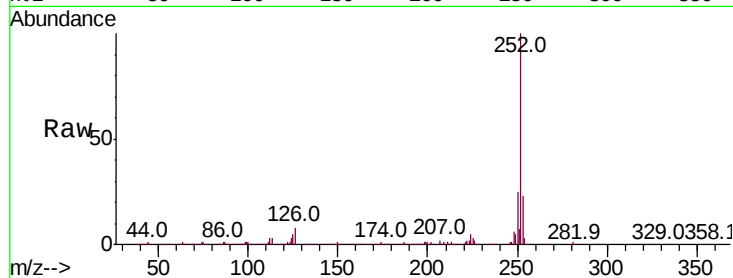
ClientSampleId :

PB120476BS

Tot Ion:	252	Resp:	924068
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.6
125	5.2	4.7	7.1

Manual Integrations
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mohammad
6/14/2019 8:40:02 AM



#90

Benzo(a)pyrene

Concen: 48.863 ng

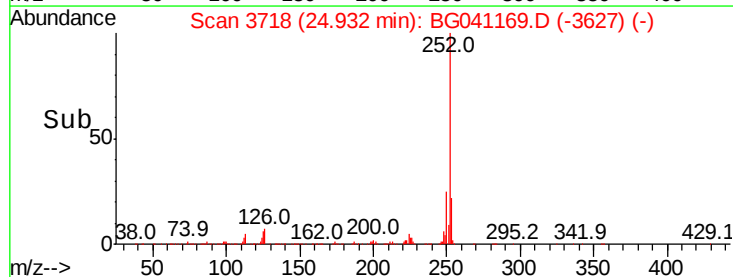
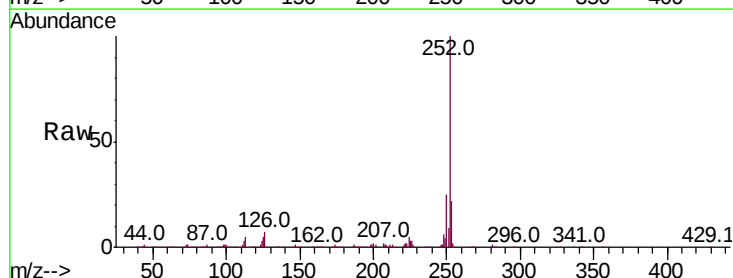
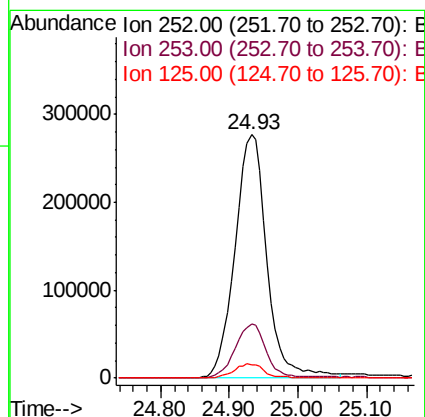
RT: 24.93 min Scan# 3718

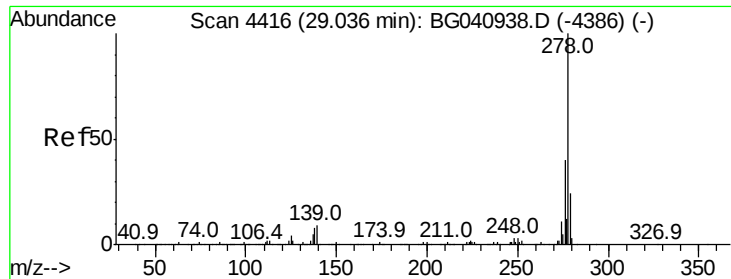
Delta R.T. 0.01 min

Lab File: BG041169.D

Acq: 10 Jun 2019 18:54

Tgt Ion:	252	Resp:	889846
Ion Ratio	Lower	Upper	
252	100		
253	22.4	19.5	29.3
125	5.5	5.1	7.7





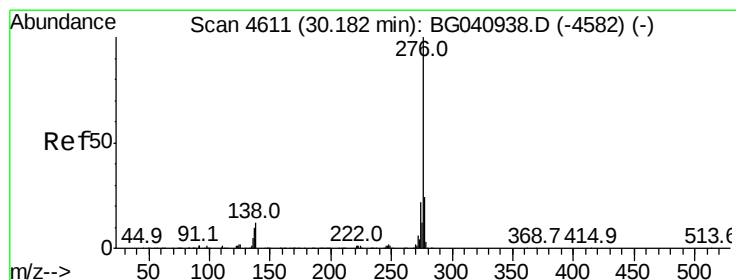
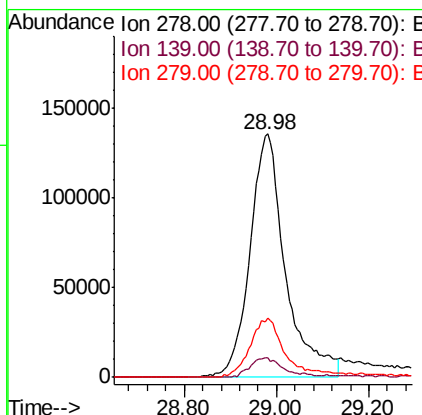
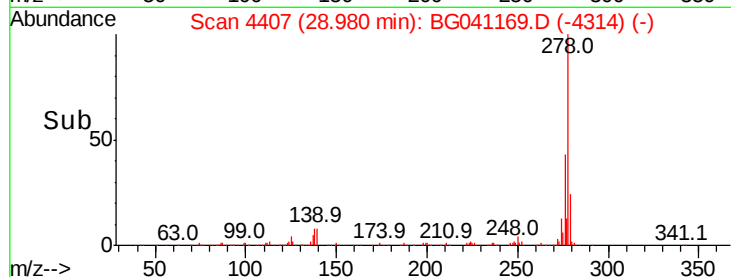
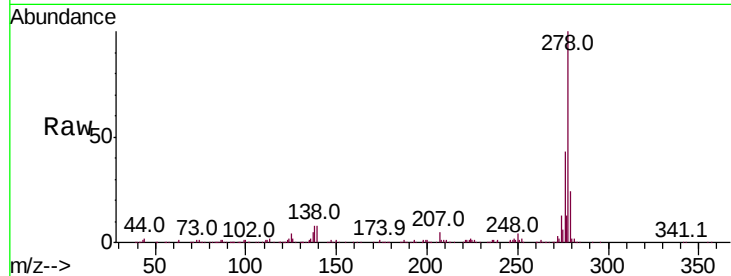
#91
Dibenzo(a,h)anthracene
Concen: 39.919 ng
RT: 28.98 min Scan# 4407
Delta R.T. 0.02 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Instrument :
BNA_G
ClientSampleId :
PB120476BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.0	7.1	10.7
279	24.2	19.4	29.2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 40.318 ng
RT: 30.13 min Scan# 4602
Delta R.T. 0.01 min
Lab File: BG041169.D
Acq: 10 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.0
138	9.7	9.7	14.5

