

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
 Data File : BG041116.D
 Acq On : 8 Jun 2019 2:51
 Operator : HP/JU
 Sample : PB120423BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120423BS

Manual Integrations
 APPROVED

mohammad
 6/11/2019 8:54:37 AM

Quant Time: Jun 08 18:12:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 08 17:33:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	165026	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	697933	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	547667	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	1292329	20.00	ng	0.00
76) Chrysene-d12	21.77	240	1333234	20.00	ng	0.00
87) Perylene-d12	25.10	264	1532500	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1180070	128.94	ng	0.00
7) Phenol-d6	7.27	99	1649669	116.72	ng	0.02
23) Nitrobenzene-d5	9.30	82	1170389	74.45	ng	0.01
42) 2,4,6-Tribromophenol	16.24	330	989424	121.69	ng	0.01
45) 2-Fluorobiphenyl	13.37	172	2576547	67.75	ng	0.00
79) Terphenyl-d14	20.09	244	3629242	57.77	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.50	88	35896	8.644	ng	99
3) Pyridine	3.91	79	99294	8.080	ng	97
4) n-Nitrosodimethylamine	3.83	42	53913	9.453	ng	98
6) Aniline	7.44	93	130269	6.905	ng	97
8) 2-Chlorophenol	7.67	128	106047	9.720	ng	96
9) Benzaldehyde	7.25	77	38292	4.542	ng	95
10) Phenol	7.29	94	142225	9.385	ng	91
11) bis(2-Chloroethyl)ether	7.53	93	99436	9.045	ng	98
12) 1,3-Dichlorobenzene	7.99	146	114699	8.802	ng	96
13) 1,4-Dichlorobenzene	8.14	146	116157	8.806	ng	96
14) 1,2-Dichlorobenzene	8.46	146	109498	8.550	ng	99
15) Benzyl Alcohol	8.35	79	122749	9.388	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	158277	8.811	ng	97
17) 2-Methylphenol	8.54	107	105102	9.579	ng	97
18) Hexachloroethane	9.19	117	45287	8.908	ng	97
19) n-Nitroso-di-n-propylamine	8.92	70	98923	9.095	ng	98
20) 3+4-Methylphenols	8.88	107	142919	9.403	ng	92
22) Acetophenone	8.94	105	190279	9.719	ng	99
24) Nitrobenzene	9.33	77	155843	9.727	ng	97
25) Isophorone	9.84	82	287217	9.600	ng	98
26) 2-Nitrophenol	10.04	139	66502	10.069	ng	93
27) 2,4-Dimethylphenol	10.08	122	118141	10.830	ng	97
28) bis(2-Chloroethoxy)methane	10.33	93	148747	9.211	ng	97
29) 2,4-Dichlorophenol	10.57	162	128841	9.301	ng	94
30) 1,2,4-Trichlorobenzene	10.78	180	145559	9.237	ng	99
31) Naphthalene	10.98	128	353463	9.433	ng	99
32) Benzoic acid	10.22	122	69241	14.911	ng	# 88
33) 4-Chloroaniline	11.09	127	67419	3.878	ng	95
34) Hexachlorobutadiene	11.24	225	105293	8.733	ng	96
35) Caprolactam	11.89	113	41273	9.023	ng	96
36) 4-Chloro-3-methylphenol	12.19	107	147221	9.306	ng	98
37) 2-Methylnaphthalene	12.58	142	279526	9.685	ng	99
38) 1-Methylnaphthalene	12.79	142	260233	9.569	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	203197	9.205	ng	99

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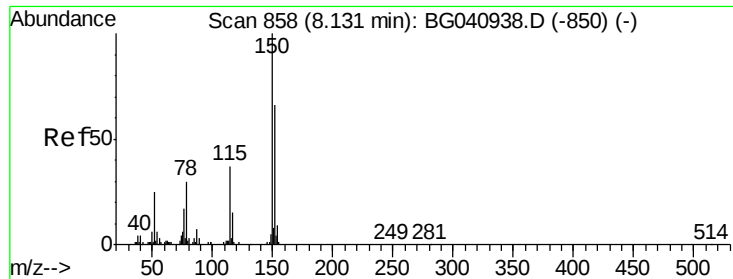
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	261126	27.977	ng	97
43) 2,4,6-Trichlorophenol	13.17	196	124888	8.746	ng	98
44) 2,4,5-Trichlorophenol	13.25	196	131522	8.733	ng	97
46) 1,1'-Biphenyl	13.58	154	377426	9.310	ng	99
47) 2-Chloronaphthalene	13.62	162	307822	8.845	ng	98
48) 2-Nitroaniline	13.83	65	102441	8.205	ng	96
49) Acenaphthylene	14.46	152	478878	9.142	ng	100
50) Dimethylphthalate	14.19	163	400481	8.638	ng	100
51) 2,6-Dinitrotoluene	14.32	165	86041	8.608	ng	95
52) Acenaphthene	14.80	154	274607	8.654	ng	98
53) 3-Nitroaniline	14.65	138	54447	5.447	ng	# 94
54) 2,4-Dinitrophenol	14.86	184	106515	31.179	ng	94
55) Dibenzofuran	15.13	168	485995	9.102	ng	99
56) 4-Nitrophenol	14.94	139	126807	18.496	ng	99
57) 2,4-Dinitrotoluene	15.10	165	125321	8.876	ng	94
58) Fluorene	15.78	166	381913	8.982	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	135067m	9.126	ng	
60) Diethylphthalate	15.54	149	398366	8.420	ng	98
61) 4-Chlorophenyl-phenylether	15.77	204	237374	8.589	ng	98
62) 4-Nitroaniline	15.81	138	81826	7.733	ng	99
63) Azobenzene	16.06	77	378102	8.793	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	73644	17.321	ng	98
66) n-Nitrosodiphenylamine	15.99	169	334105	9.197	ng	98
67) 4-Bromophenyl-phenylether	16.67	248	153595	8.807	ng	94
68) Hexachlorobenzene	16.78	284	162448	8.747	ng	98
69) Atrazine	16.92	200	138455	9.877	ng	95
70) Pentachlorophenol	17.12	266	182938	21.666	ng	98
71) Phenanthrene	17.52	178	623740	9.266	ng	99
72) Anthracene	17.62	178	644699	9.711	ng	99
73) Carbazole	17.89	167	537152	9.429	ng	98
74) Di-n-butylphthalate	18.42	149	646504	9.131	ng	99
75) Fluoranthene	19.53	202	814465	9.796	ng	98
77) Benzidine	19.71	184	229484	7.215	ng	98
78) Pyrene	19.89	202	815659	9.411	ng	98
80) Butylbenzylphthalate	20.76	149	297903	8.833	ng	100
81) Benzo(a)anthracene	21.74	228	794371	8.951	ng	98
82) 3,3'-Dichlorobenzidine	21.65	252	178496	5.718	ng	99
83) Chrysene	21.81	228	761031	8.961	ng	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	407913	8.591	ng	98
85) Di-n-octyl phthalate	22.85	149	695822	8.800	ng	100
86) Indeno(1,2,3-cd)pyrene	28.90	276	906709	8.715	ng	99
88) Benzo(b)fluoranthene	24.02	252	783295	8.427	ng	98
89) Benzo(k)fluoranthene	24.09	252	763654	8.302	ng	99
90) Benzo(a)pyrene	24.93	252	765908	8.637	ng	99
91) Dibenzo(a,h)anthracene	28.97	278	749699	8.460	ng	99
92) Benzo(g,h,i)perylene	30.11	276	754068	8.759	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

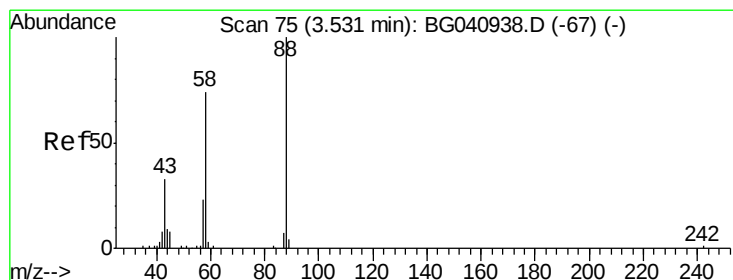
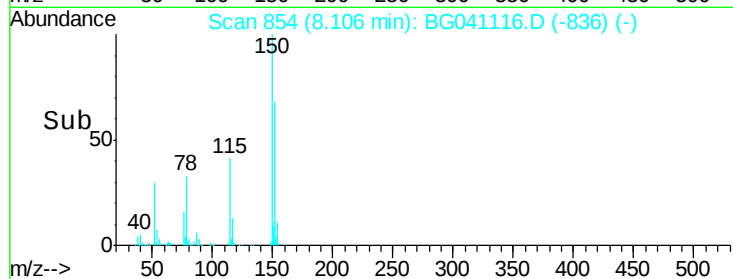
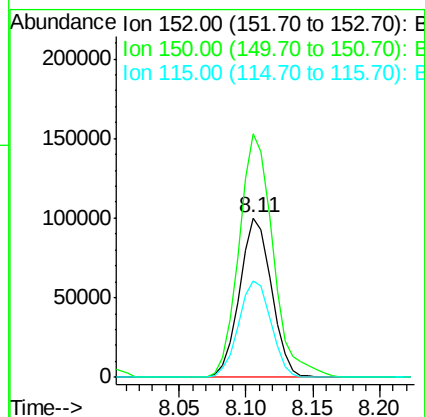
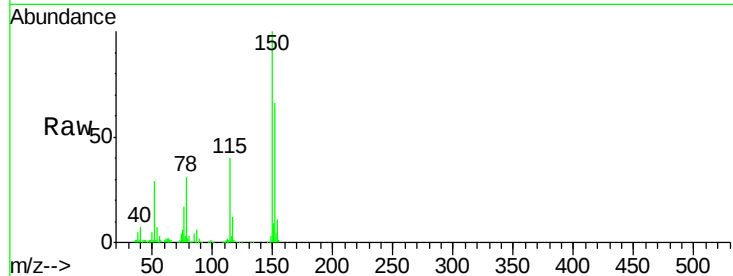
ClientSampleId :

PB120423BS

Tot Ion:	152	Resp:	165026
Ion	Ratio	Lower	Upper
152	100		
150	152.5	111.7	167.5
115	60.4	48.6	73.0

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#2

1,4-Dioxane

Concen: 8.644 ng

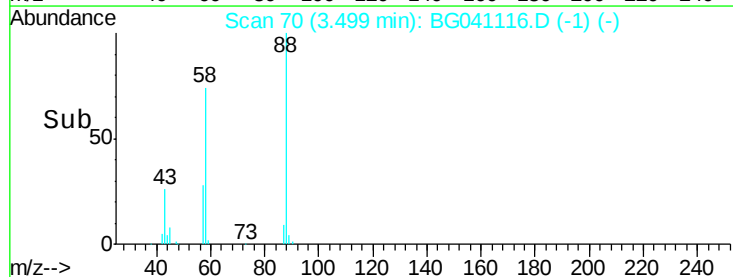
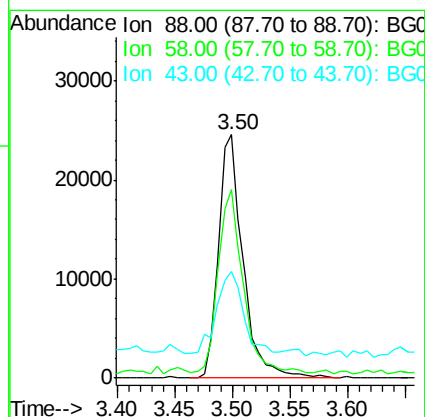
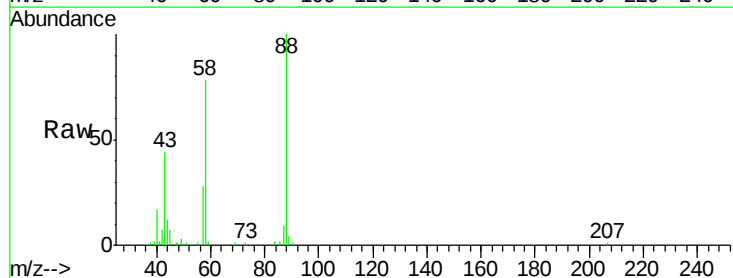
RT: 3.50 min Scan# 70

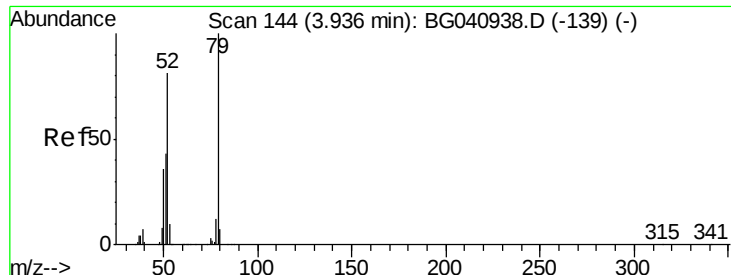
Delta R.T. -0.00 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Tgt Ion:	88	Resp:	35896
Ion	Ratio	Lower	Upper
88	100		
58	76.3	61.2	91.8
43	35.9	29.4	44.2





#3

Pvridine

Concen: 8.080 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

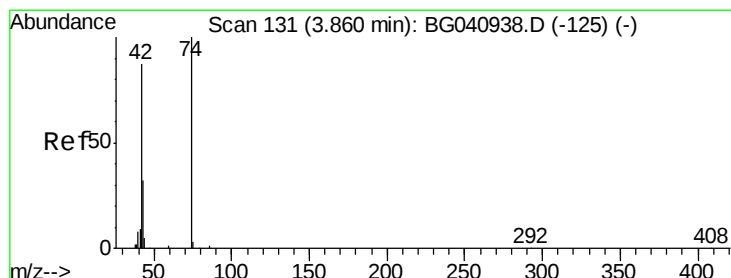
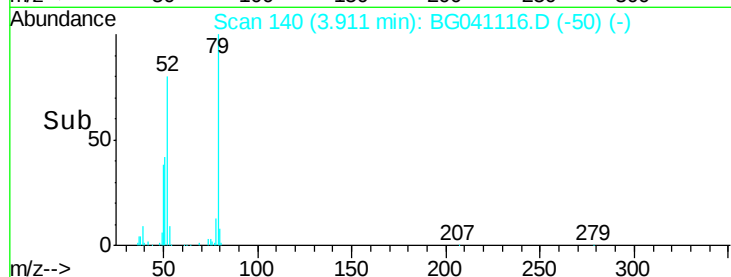
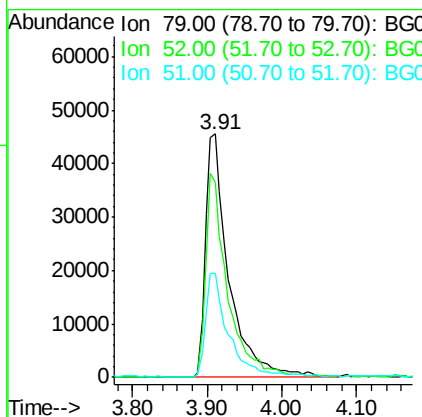
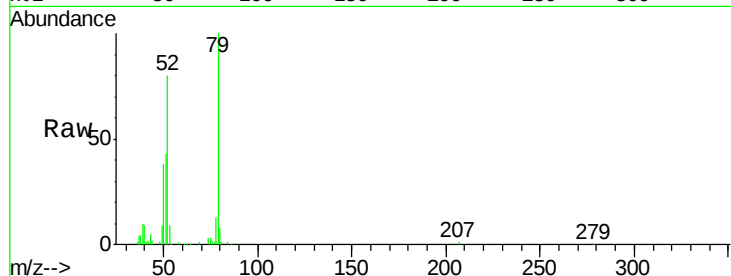
ClientSampleId :

PB120423BS

Tot Ion:	79	Resp:	99294
Ion Ratio	Lower	Upper	
79	100		
52	80.0	61.8	92.6
51	42.5	36.0	54.0

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#4

n-Nitrosodimethylamine

Concen: 9.453 ng

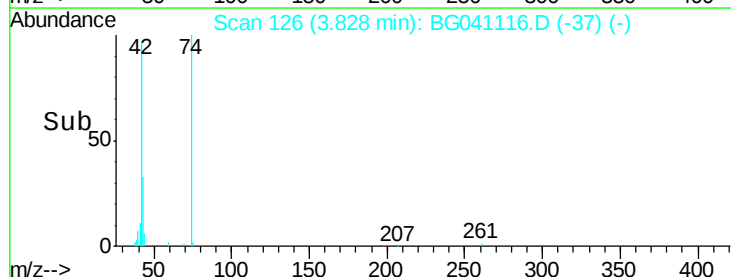
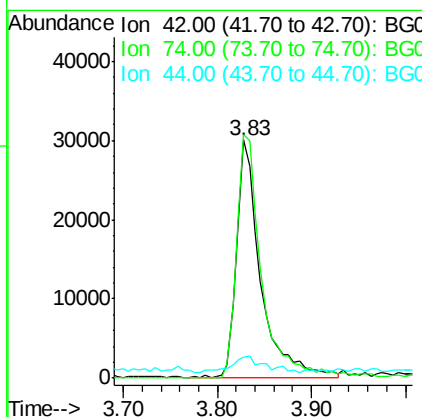
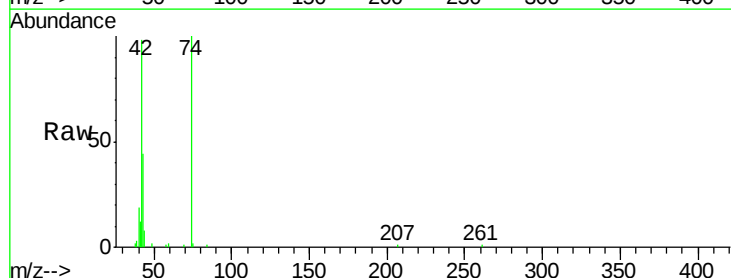
RT: 3.83 min Scan# 126

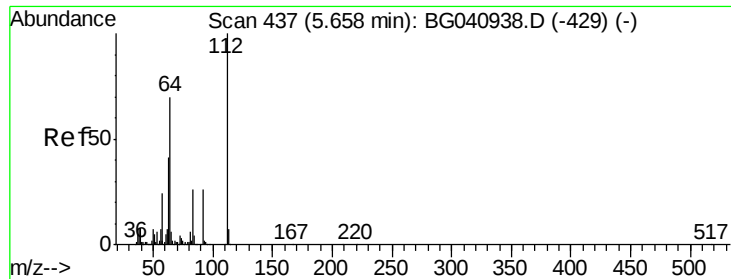
Delta R.T. -0.01 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Tgt Ion:	42	Resp:	53913
Ion Ratio	Lower	Upper	
42	100		
74	102.2	83.0	124.6
44	8.6	6.0	9.0





#5

2-Fluorophenol

Concen: 128.944 ng

RT: 5.65 min Scan# 436

Delta R.T. 0.01 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120423BS

Tot Ion:112 Resp: 1180070

Ion Ratio Lower Upper

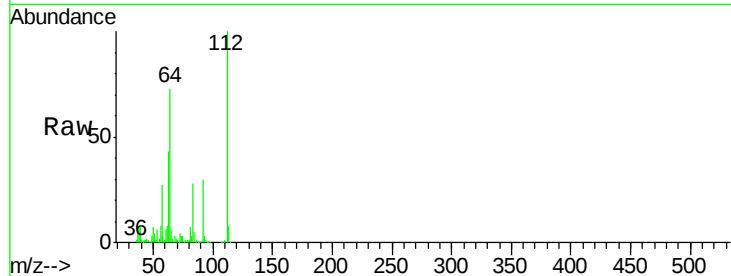
112 100

64 72.8 54.5 81.7

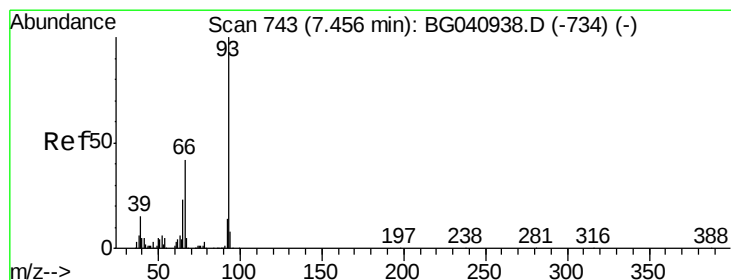
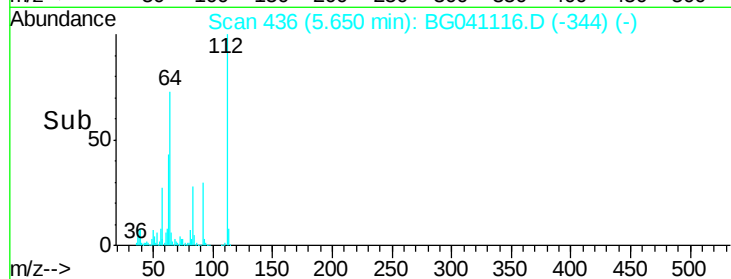
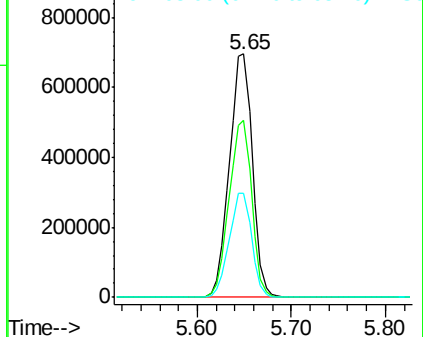
63 42.9 32.2 48.2

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



#6

Aniline

Concen: 6.905 ng

RT: 7.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

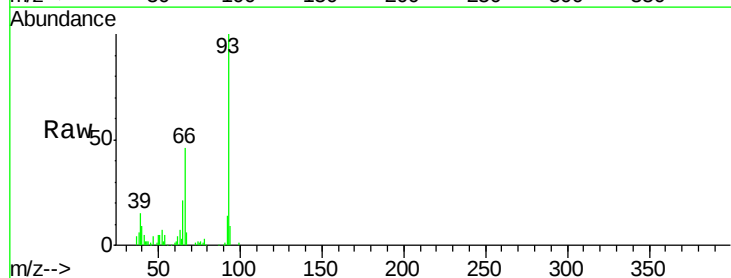
Tgt Ion: 93 Resp: 130269

Ion Ratio Lower Upper

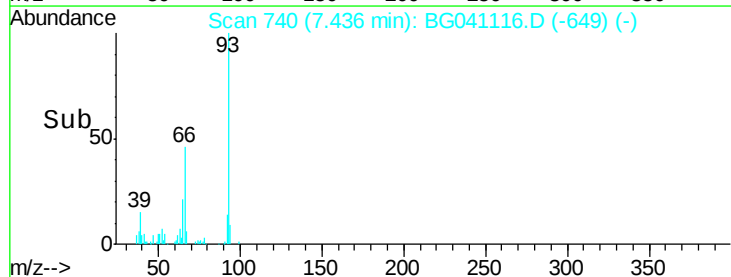
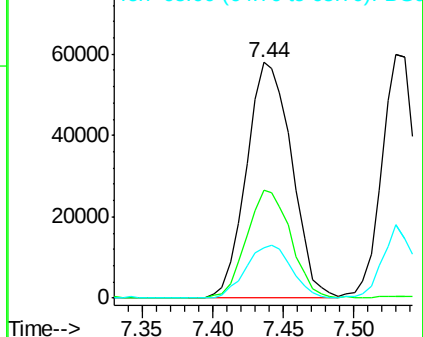
93 100

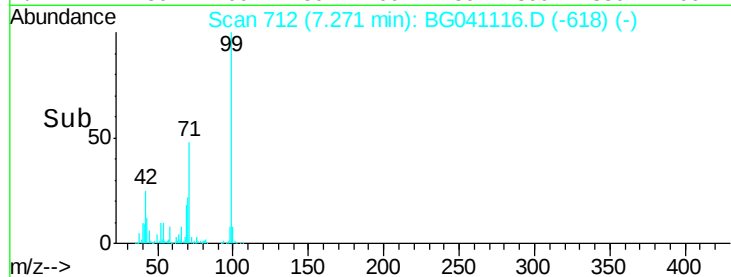
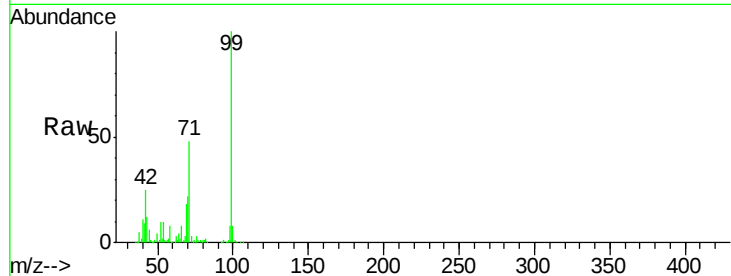
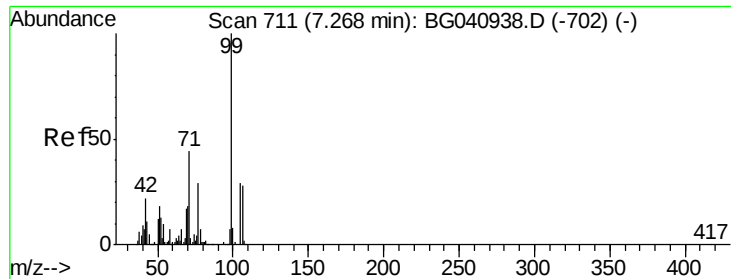
66 45.6 35.8 53.8

65 21.2 19.0 28.4



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





#7

Phenol-d6

Concen: 116.717 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.02 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Tot Ion:	99	Resp:	1649669
Ion	Ratio	Lower	Upper
99	100		
42	25.2	18.8	28.2
71	48.4	35.6	53.4

Instrument :

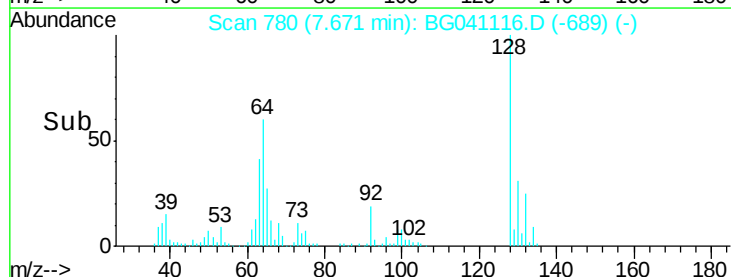
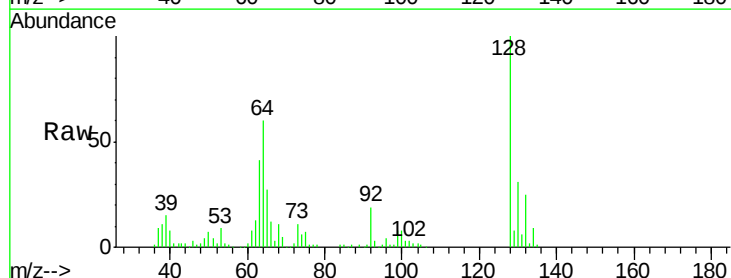
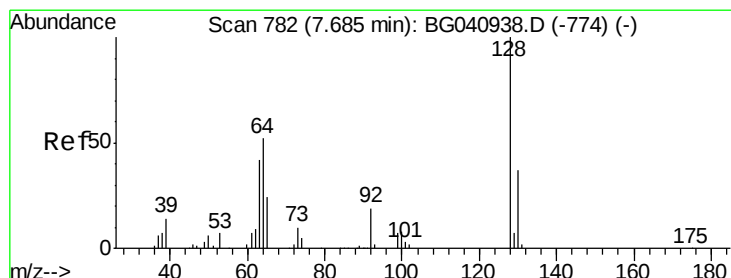
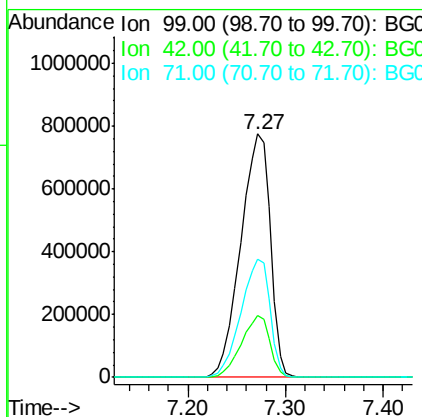
BNA_G

ClientSampled :

PB120423BS

Manual Integrations
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#8

2-Chlorophenol

Concen: 9.720 ng

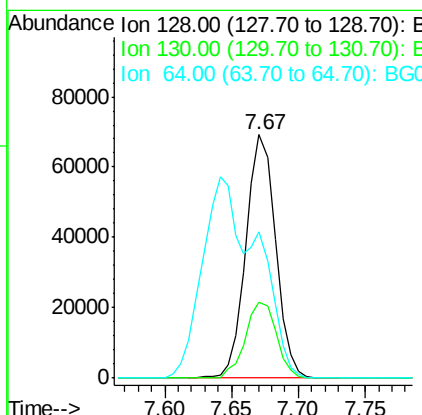
RT: 7.67 min Scan# 780

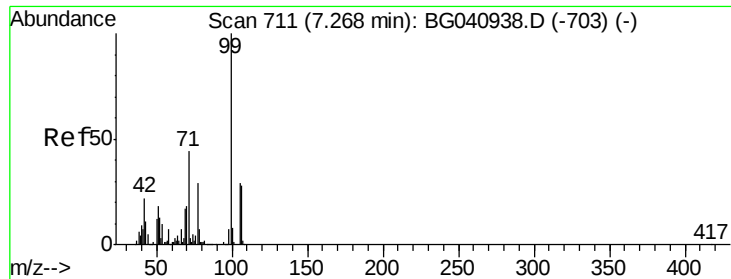
Delta R.T. 0.00 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Tgt Ion:	128	Resp:	106047
Ion	Ratio	Lower	Upper
128	100		
130	31.1	10.8	50.8
64	59.9	36.1	76.1





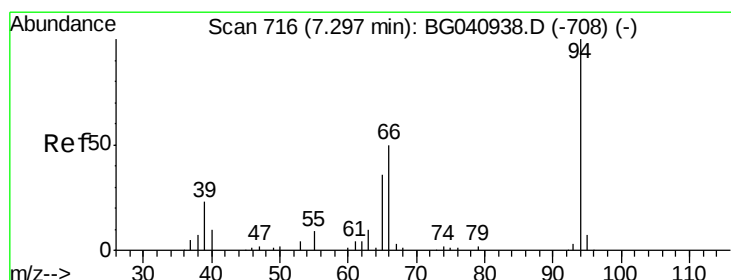
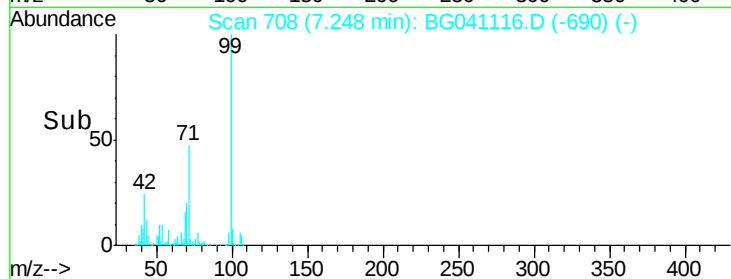
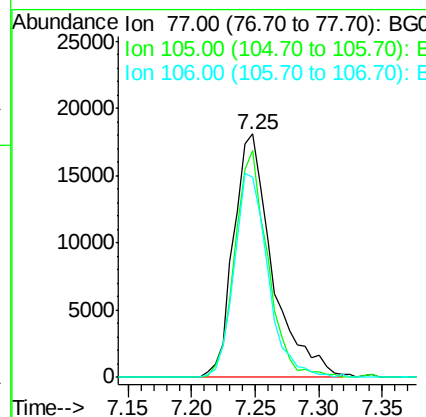
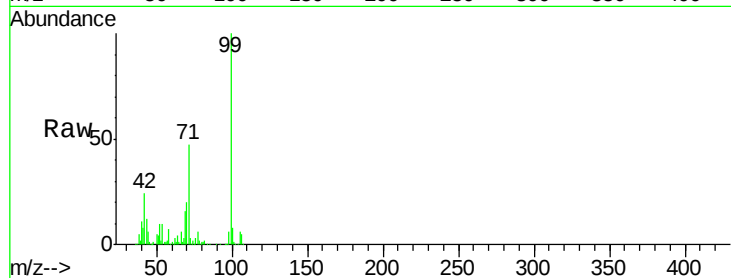
#9
Benzaldehyde
Concen: 4.542 ng
RT: 7.25 min Scan# 708
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	93.5	66.5	106.5
106	82.3	65.1	105.1

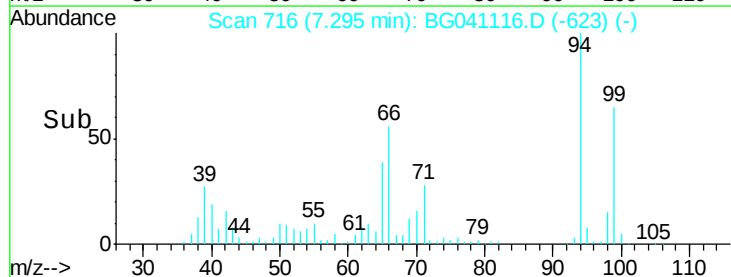
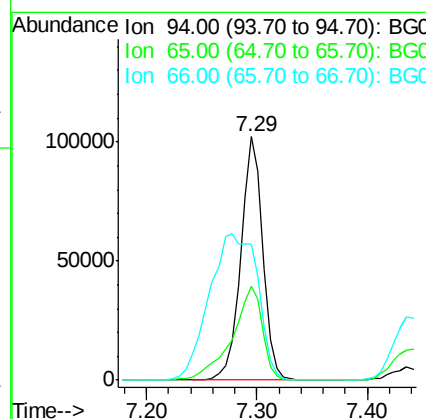
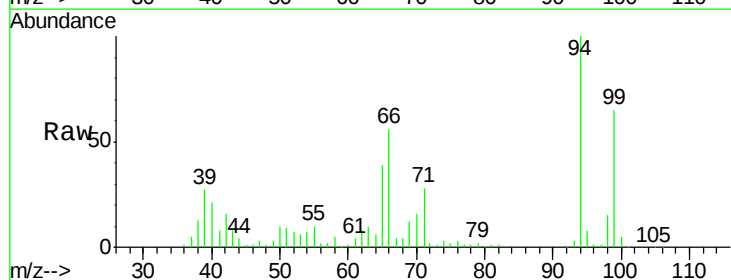
Manual Integrations
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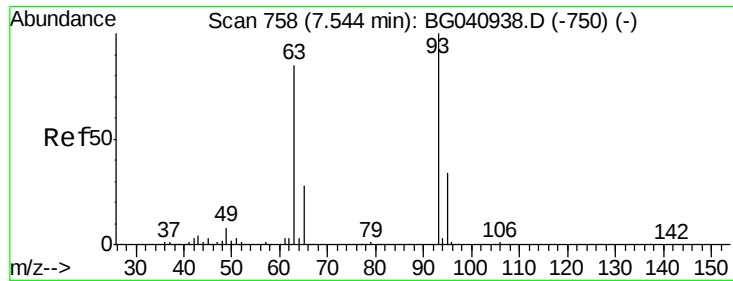
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#10
Phenol
Concen: 9.385 ng
RT: 7.29 min Scan# 716
Delta R.T. 0.01 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.7	14.7	54.7
66	55.8	28.7	68.7





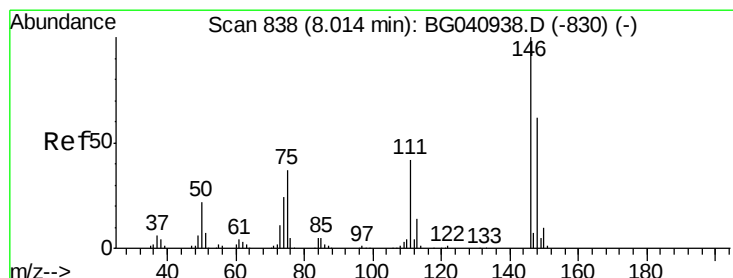
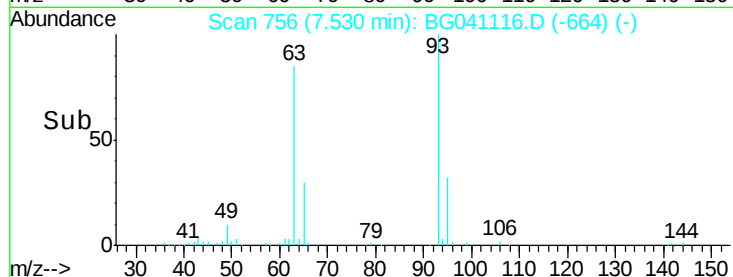
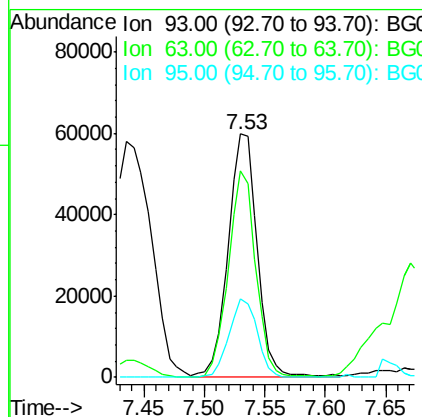
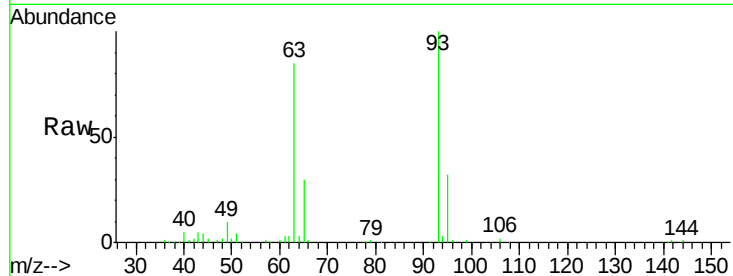
#11
bis(2-Chloroethyl)ether
Concen: 9.045 ng
RT: 7.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tot Ion:	93	Resp:	99436
Ion Ratio	Lower	Upper	
93	100		
63	84.9	65.0	105.0
95	32.2	16.4	56.4

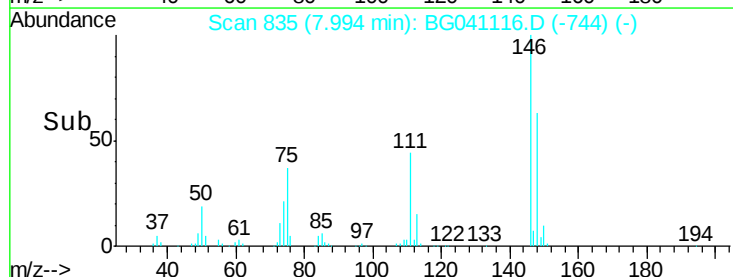
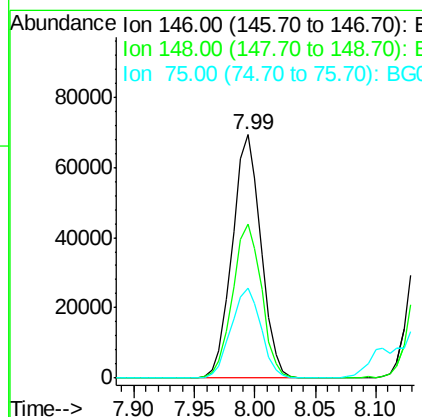
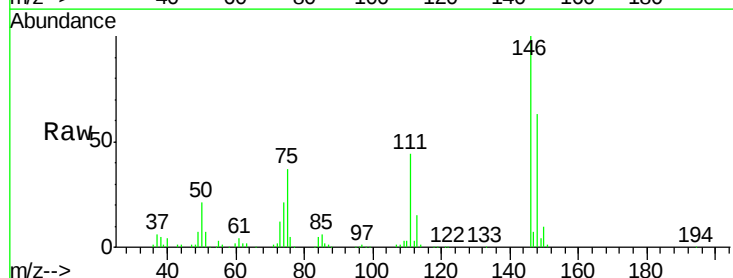
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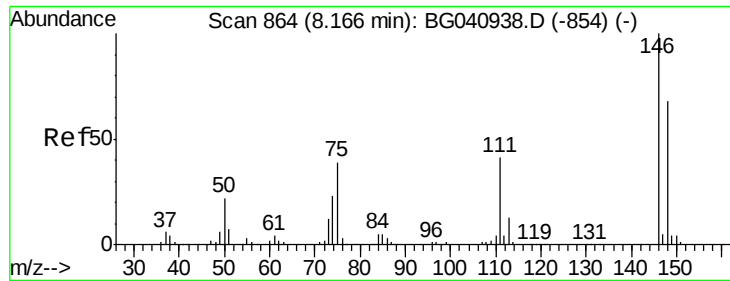
mohammad
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#12
1,3-Dichlorobenzene
Concen: 8.802 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion:	146	Resp:	114699
Ion Ratio	Lower	Upper	
146	100		
148	63.4	47.7	71.5
75	37.1	28.3	42.5





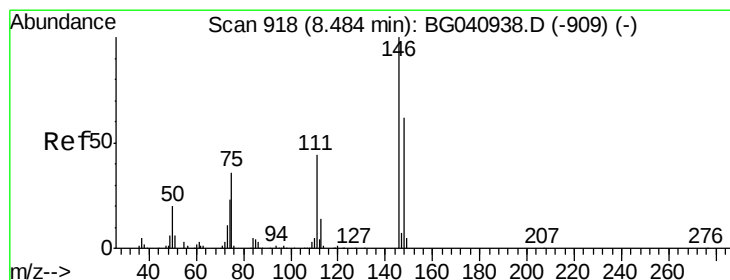
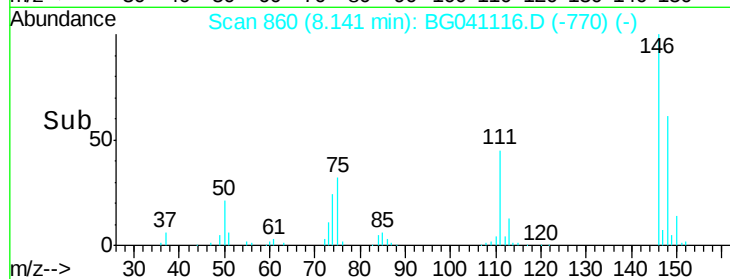
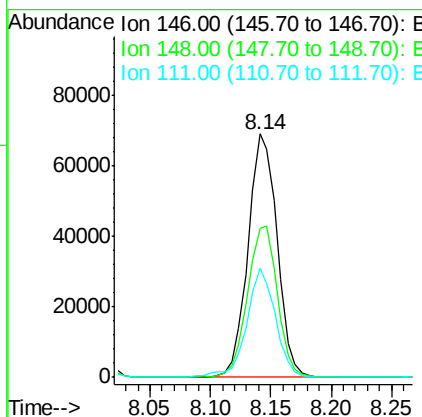
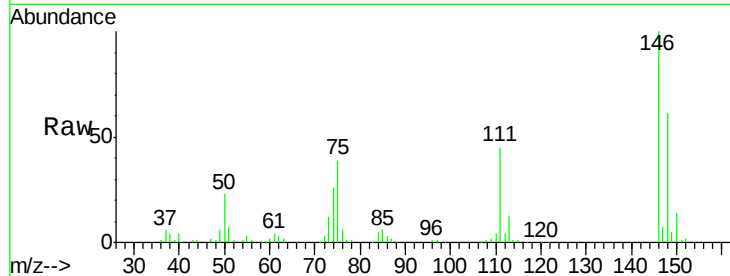
#13
 1,4-Dichlorobenzene
 Concen: 8.806 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Instrument :
 BNA_G
 ClientSampleId :
 PB120423BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.1	51.4	77.2
111	44.8	33.9	50.9

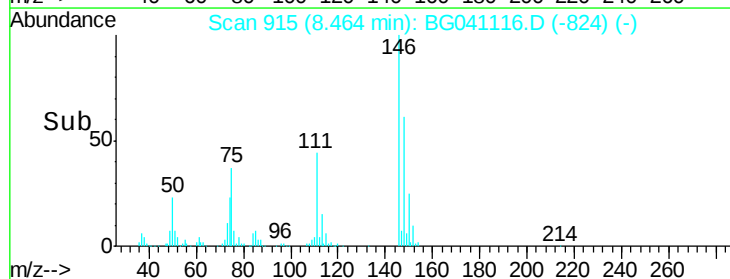
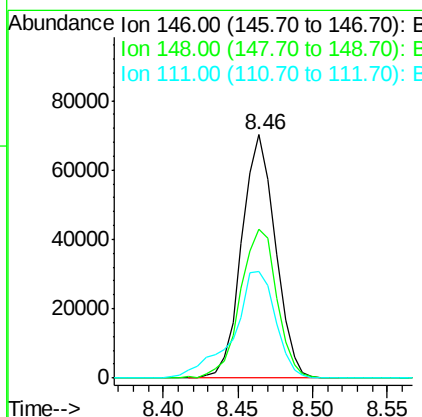
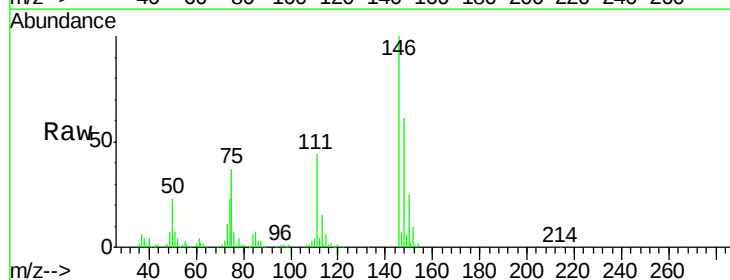
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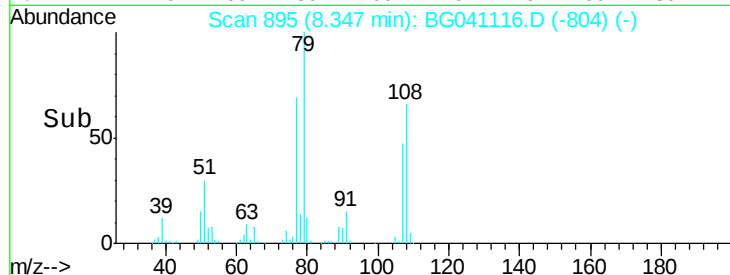
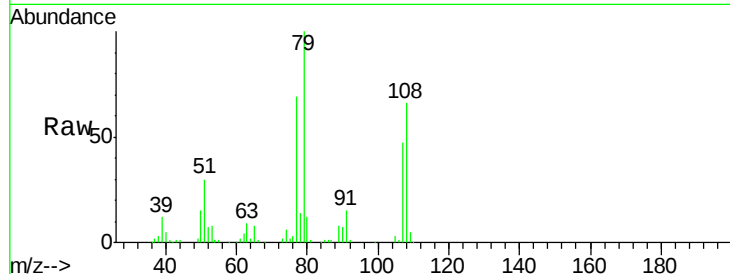
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#14
 1,2-Dichlorobenzene
 Concen: 8.550 ng
 RT: 8.46 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	49.0	73.6
111	43.7	36.5	54.7





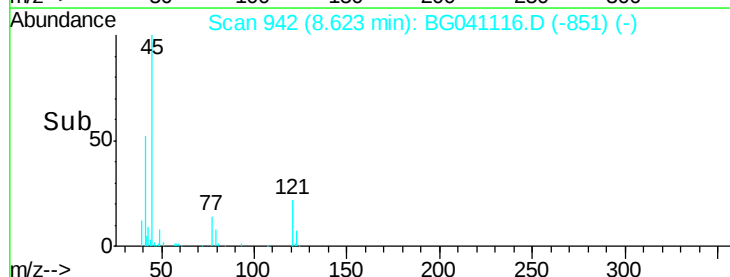
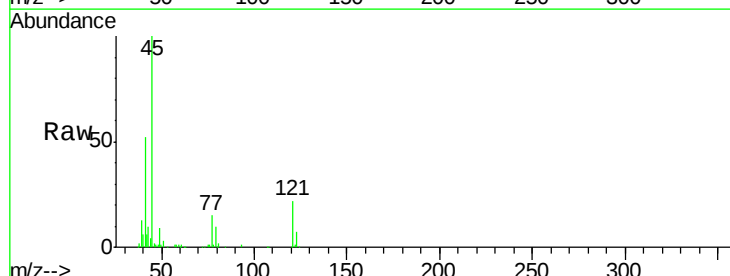
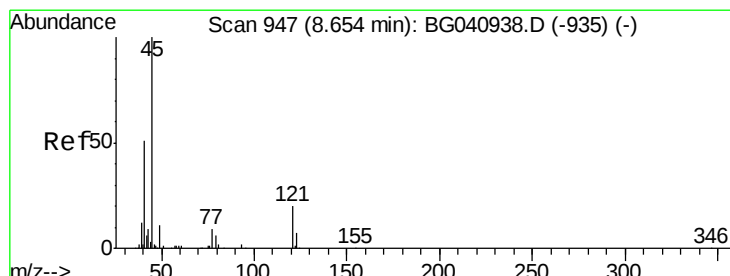
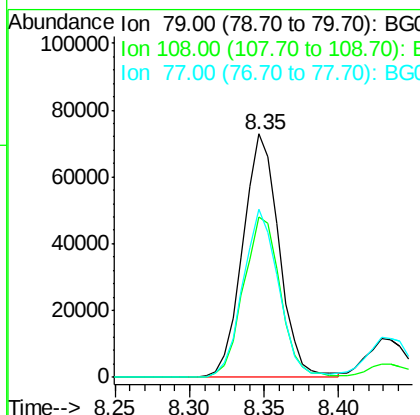
#15
Benzyl Alcohol
Concen: 9.388 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tot Ion	Ratio	Lower	Upper
79	100		
108	65.8	52.9	79.3
77	69.2	53.7	80.5

Instrument :
BNA_G
ClientSampleId :
PB120423BS

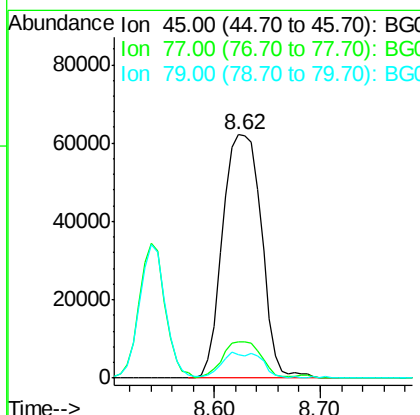
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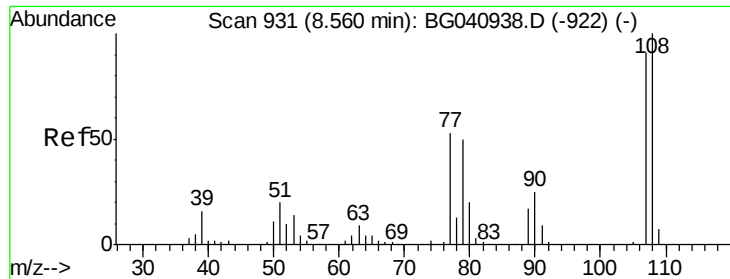
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.811 ng
RT: 8.62 min Scan# 942
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	36.1
79	9.6	0.0	31.5





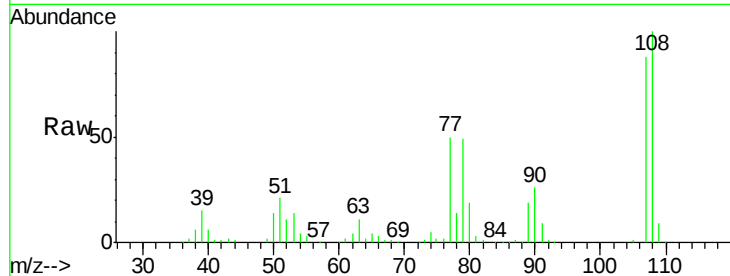
#17
2-Methylphenol
Concen: 9.579 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	89.1	133.7	
77	56.2	48.6	72.8	
79	55.8	44.3	66.5	

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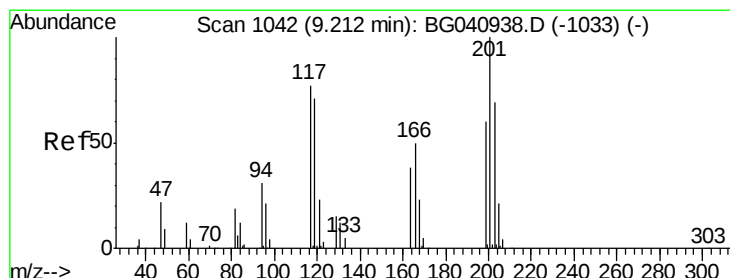
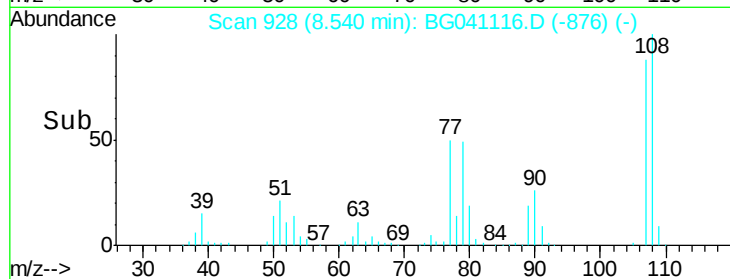
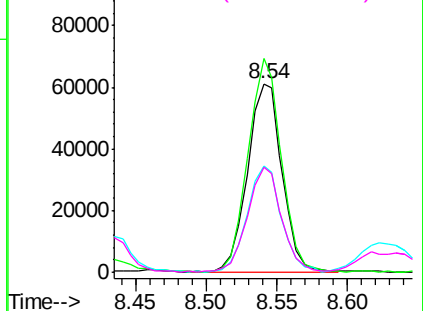
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

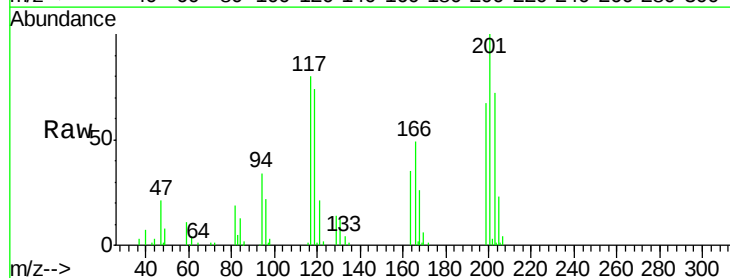
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 8.908 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.5	74.8	112.2	
201	128.1	98.5	147.7	

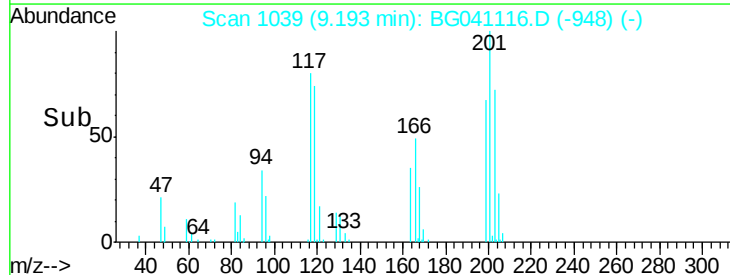
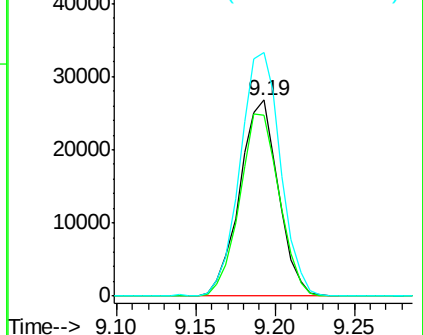


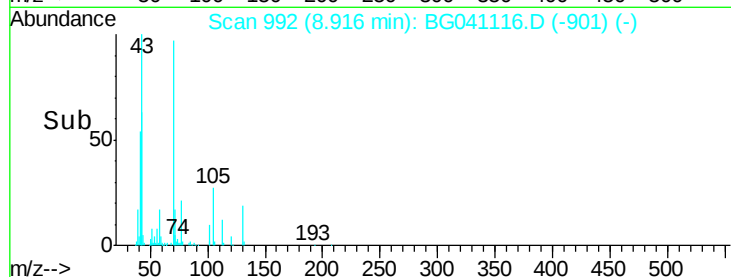
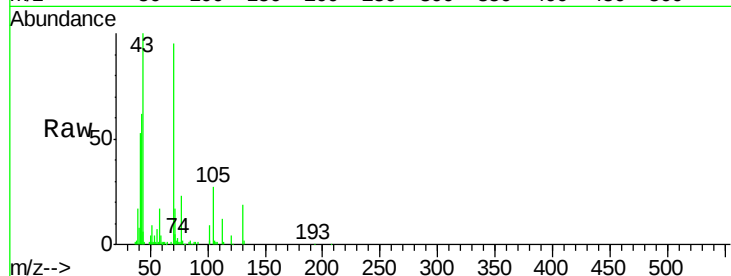
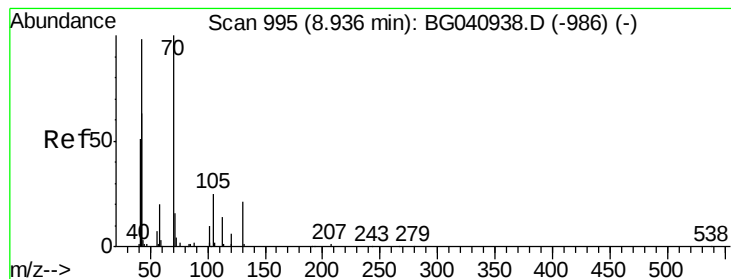
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 9.095 ng

RT: 8.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	64.9	53.1	79.7		
101	9.8	8.0	12.0		
130	20.0	16.6	24.8		

Instrument :

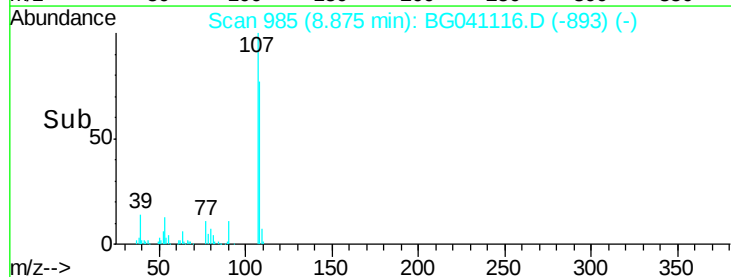
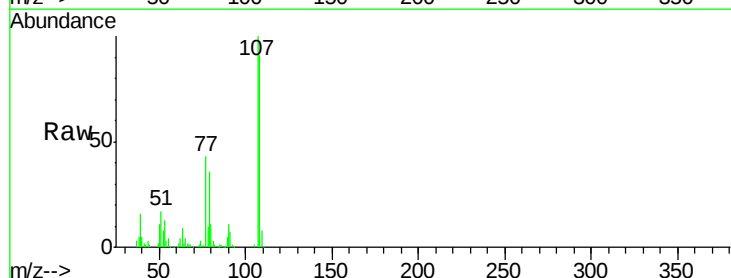
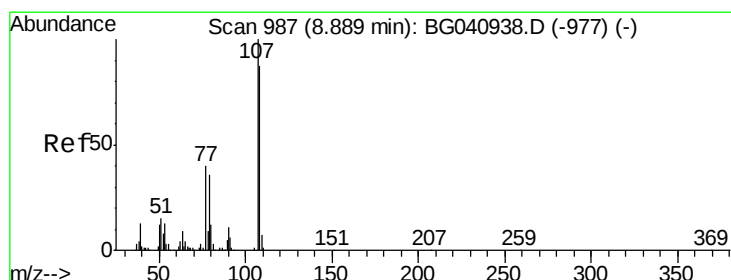
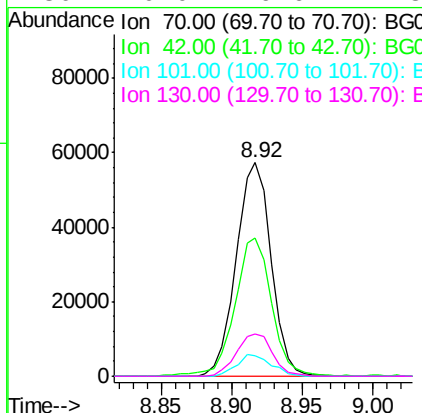
BNA_G

ClientSampleId :

PB120423BS

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#20

3+4-Methylphenols

Concen: 9.403 ng

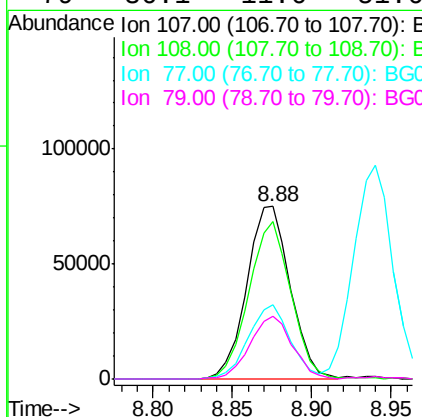
RT: 8.88 min Scan# 985

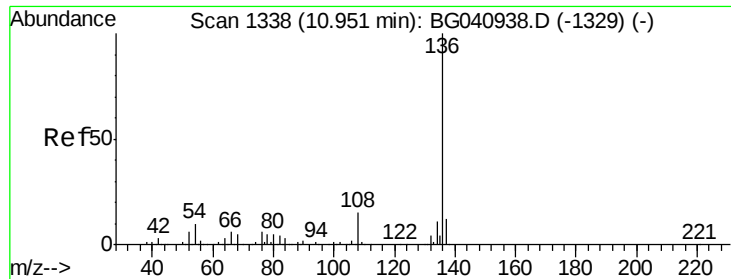
Delta R.T. 0.01 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.2	63.2	103.2		
77	42.9	18.9	58.9		
79	36.1	11.6	51.6		





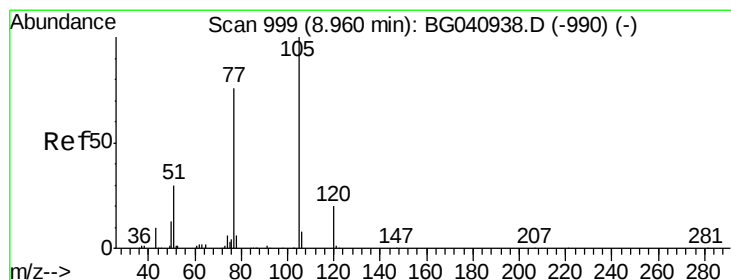
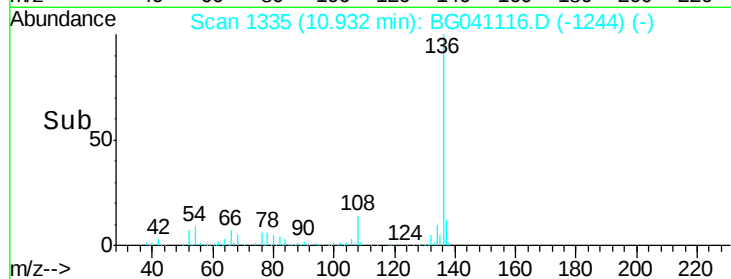
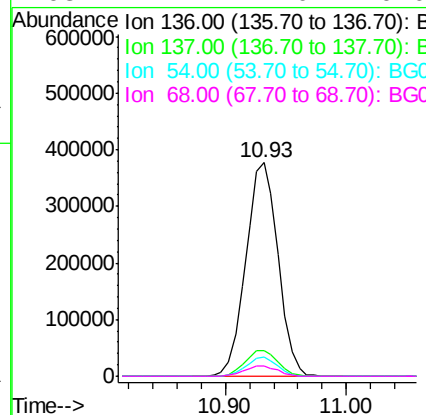
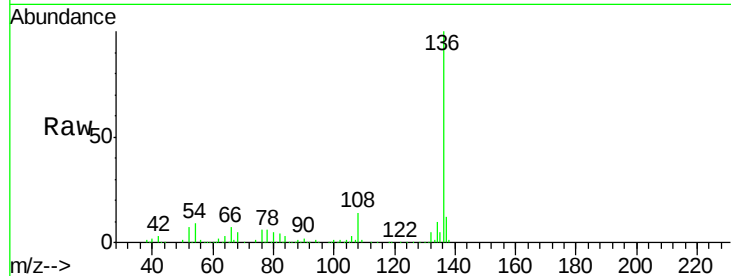
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	697933		
137	11.9	8.9	13.3	
54	9.1	7.4	11.2	
68	4.7	4.0	6.0	

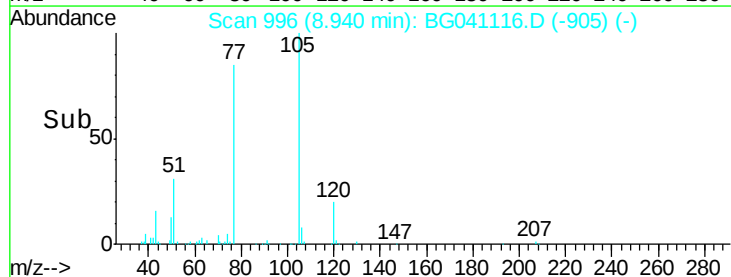
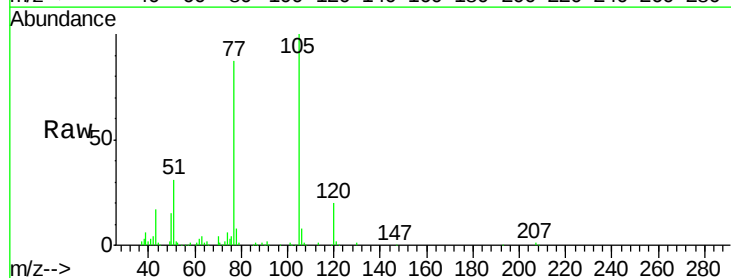
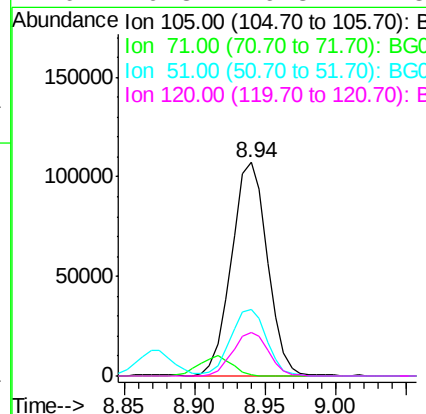
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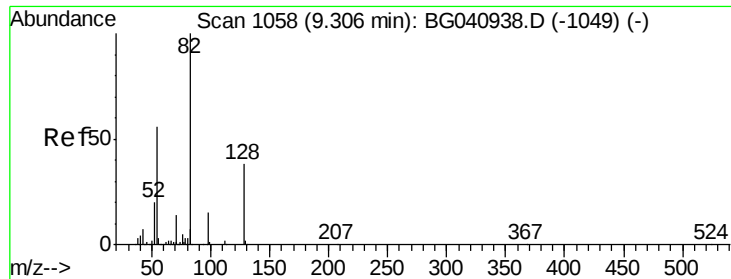
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#22
Acetophenone
Concen: 9.719 ng
RT: 8.94 min Scan# 996
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	190279		
71	0.6	0.6	0.8	
51	31.4	24.2	36.2	
120	20.3	16.3	24.5	





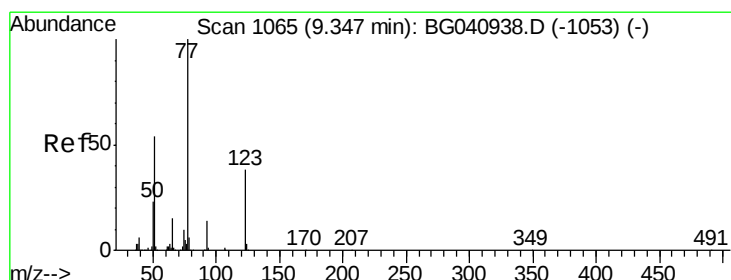
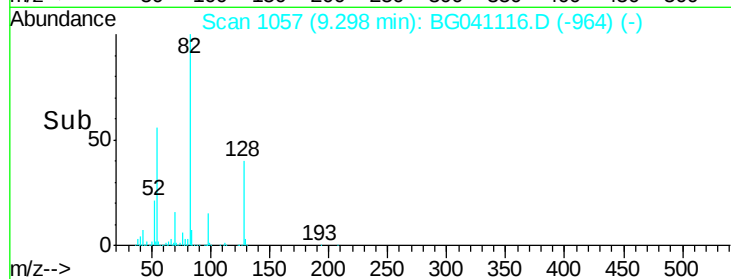
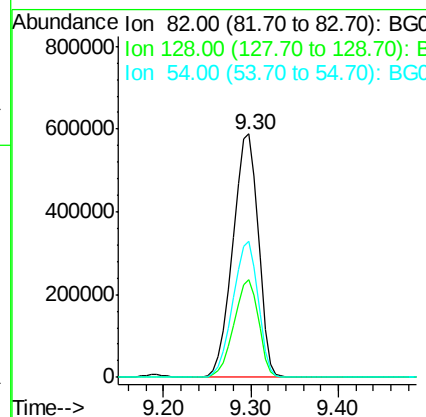
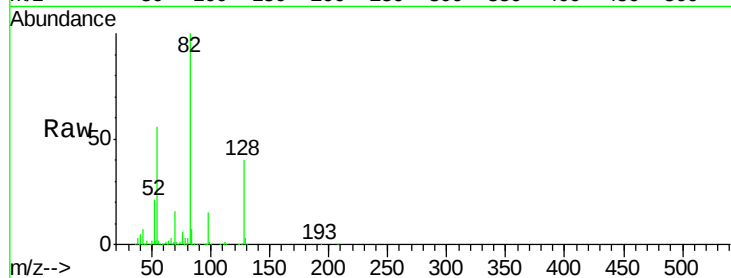
#23
 Nitrobenzene-d5
 Concen: 74.445 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. 0.01 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Instrument :
 BNA_G
 ClientSampleId :
 PB120423BS

Tot Ion	82	Resp	1170389
Ion Ratio	Lower	Upper	
82	100		
128	40.3	29.8	44.6
54	56.0	43.6	65.4

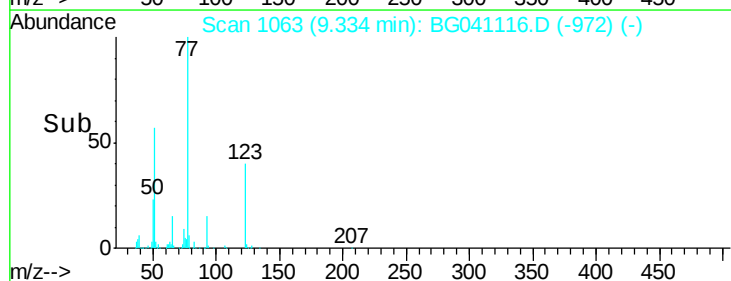
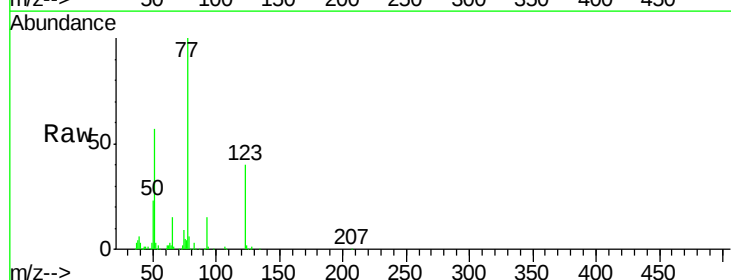
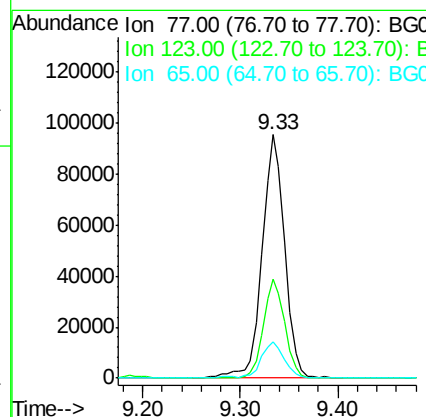
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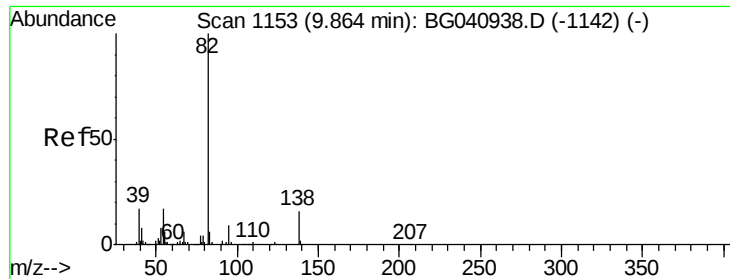
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#24
 Nitrobenzene
 Concen: 9.727 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Tgt Ion	77	Resp	155843
Ion Ratio	Lower	Upper	
77	100		
123	40.5	30.9	46.3
65	14.9	13.3	19.9





#25

Isophorone

Concen: 9.600 ng

RT: 9.84 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

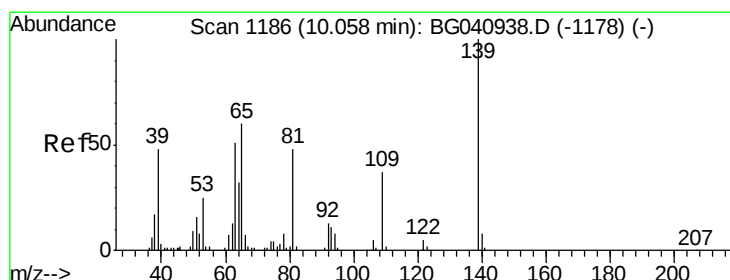
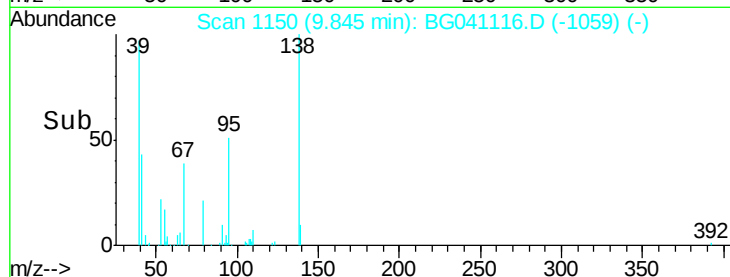
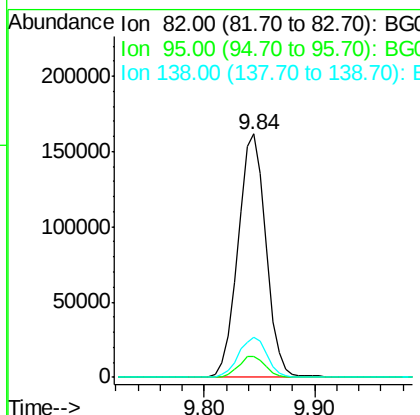
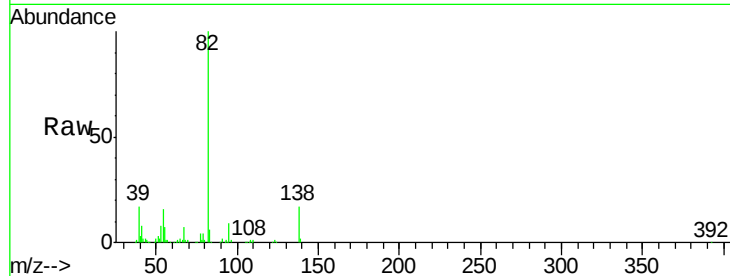
ClientSampleId :

PB120423BS

Tot Ion:	82	Resp:	287217
Ion Ratio	Lower	Upper	
82	100		
95	8.6	6.2	9.4
138	16.6	12.6	19.0

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#26

2-Nitrophenol

Concen: 10.069 ng

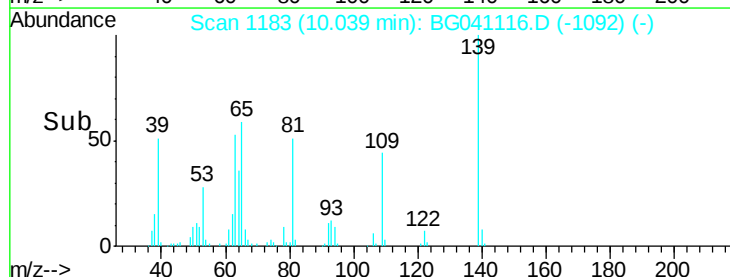
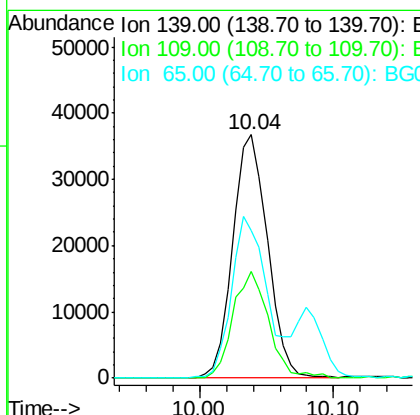
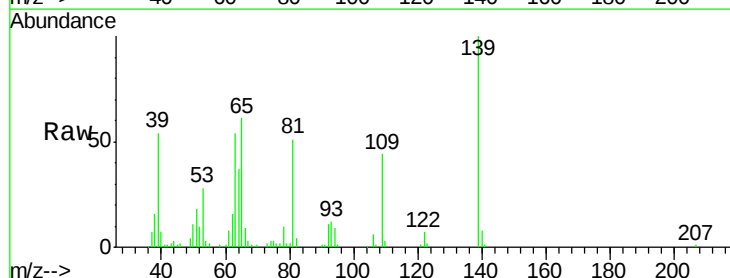
RT: 10.04 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Tgt Ion:	139	Resp:	66502
Ion Ratio	Lower	Upper	
139	100		
109	43.7	30.8	46.2
65	60.6	52.5	78.7





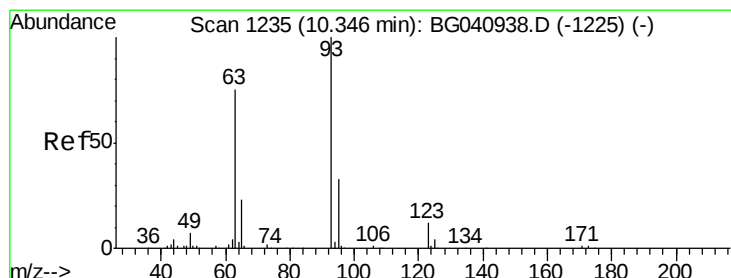
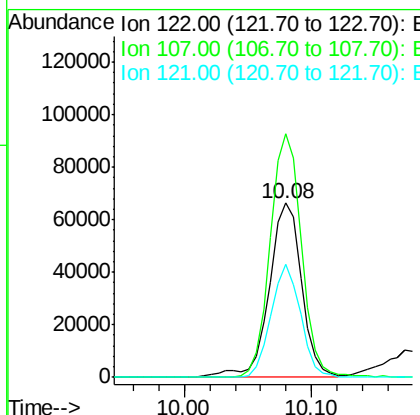
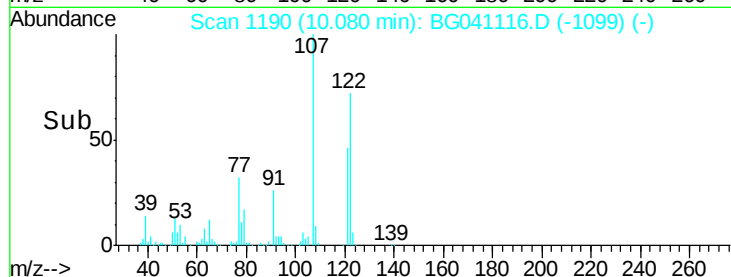
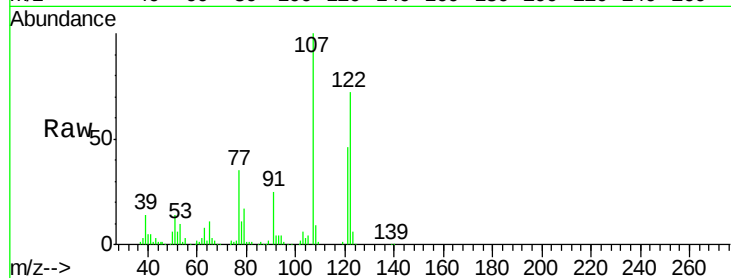
#27
2,4-Dimethylphenol
Concen: 10.830 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	139.6	111.1	166.7
121	64.7	45.6	68.4

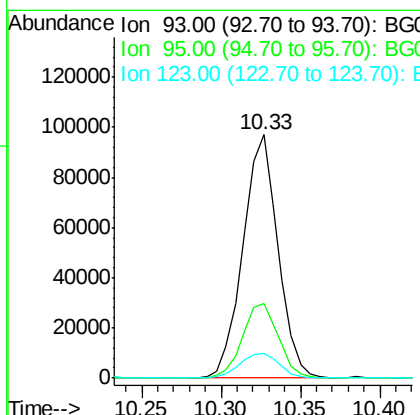
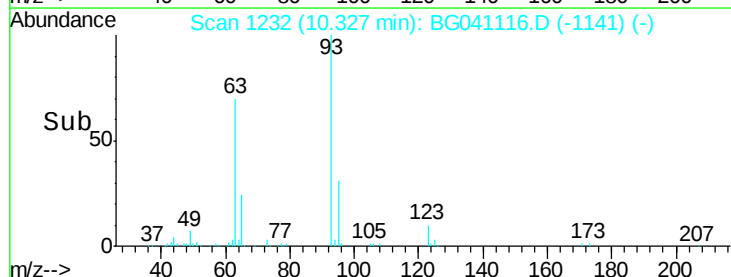
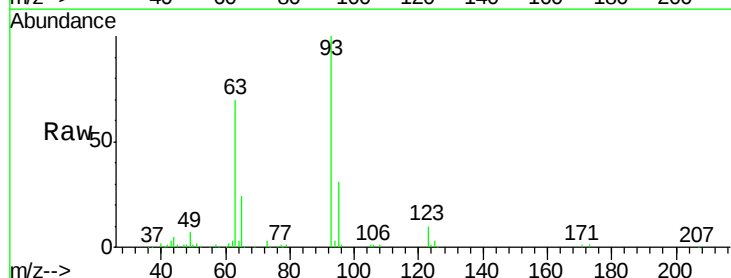
Manual Integrations
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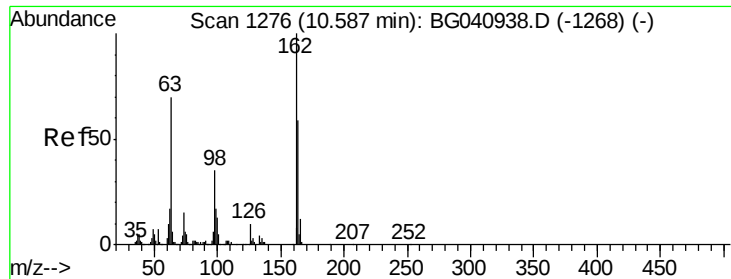
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 9.211 ng
RT: 10.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.6	25.7	38.5
123	10.1	9.1	13.7





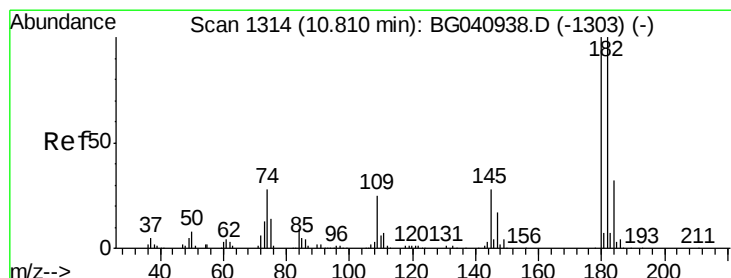
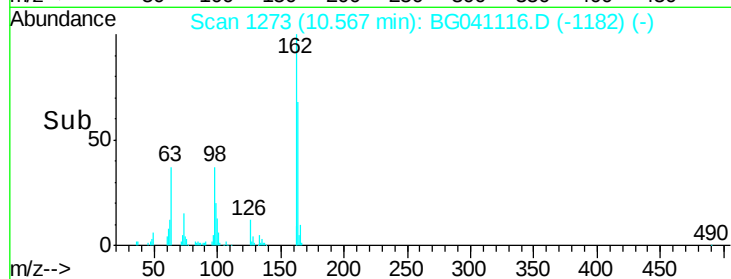
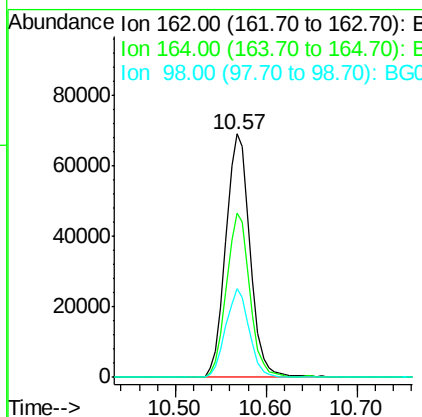
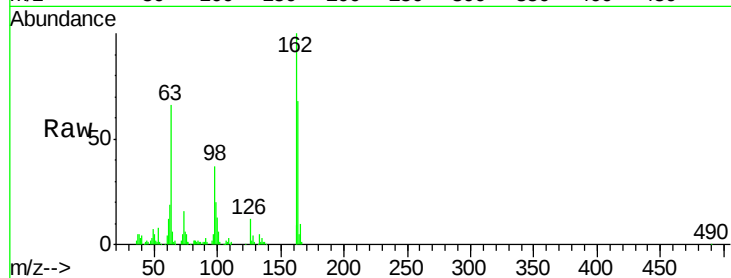
#29
2,4-Dichlorophenol
Concen: 9.301 ng
RT: 10.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	67.6	41.4	81.4
98	36.6	14.8	54.8

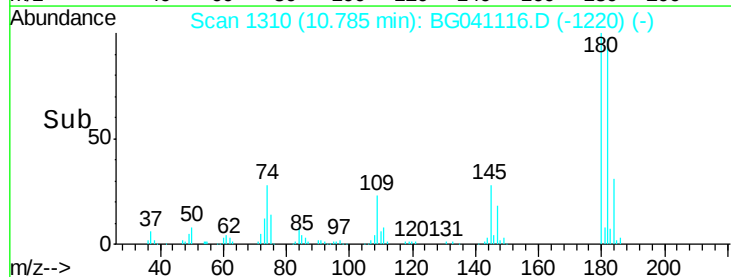
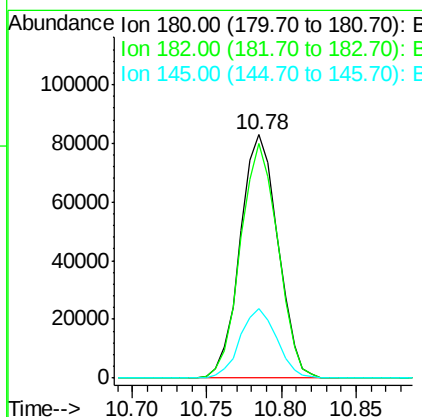
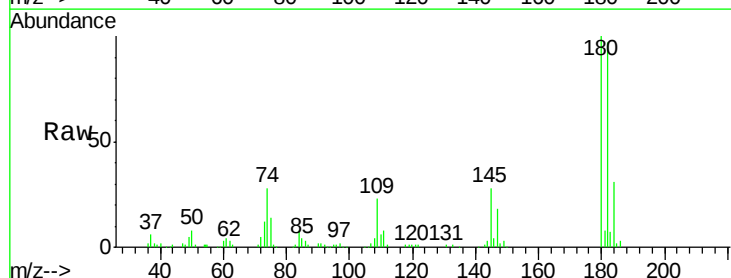
Manual Integrations
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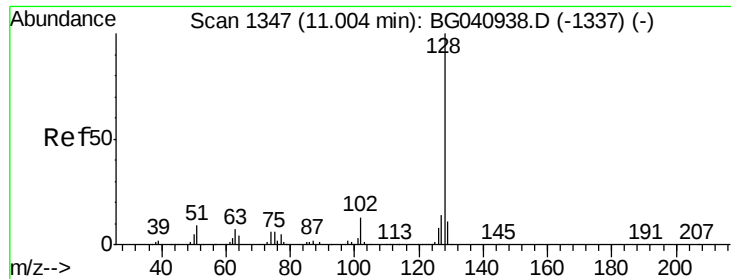
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#30
1,2,4-Trichlorobenzene
Concen: 9.237 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.5	76.5	114.7
145	28.3	21.3	31.9





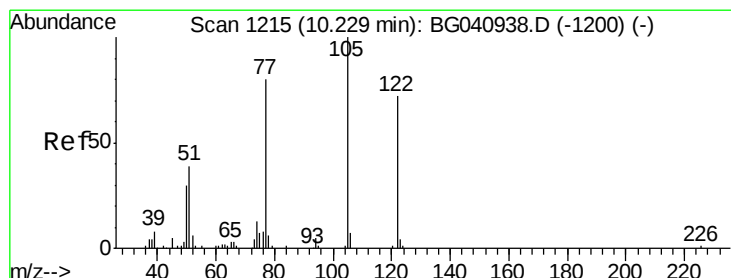
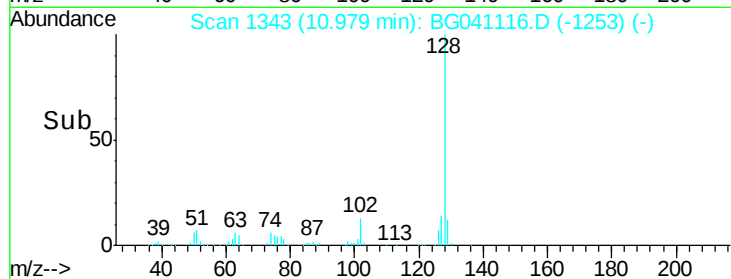
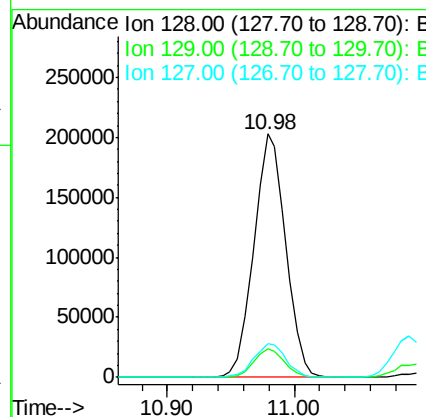
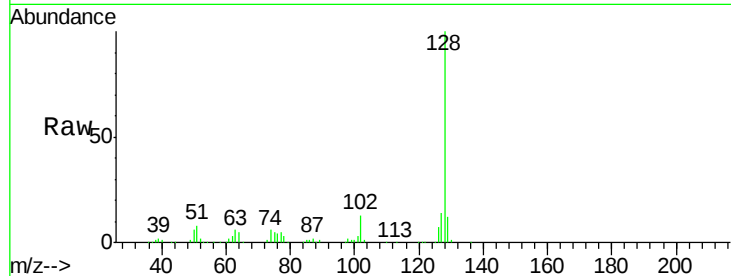
#31
Naphthalene
Concen: 9.433 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampled :
PB120423BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	14.0	11.4	17.0

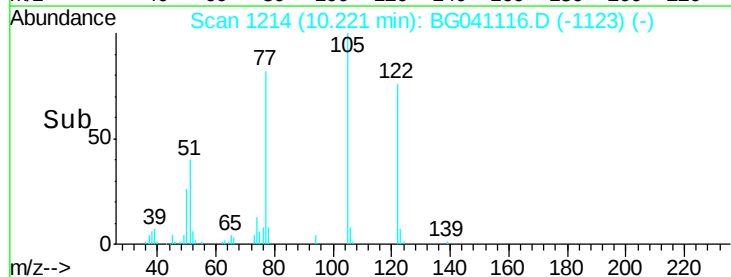
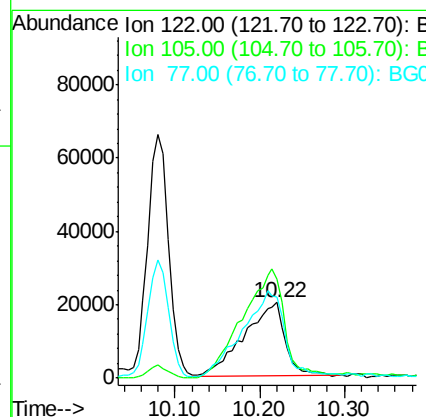
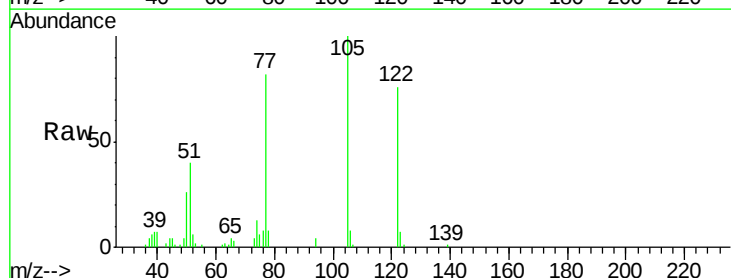
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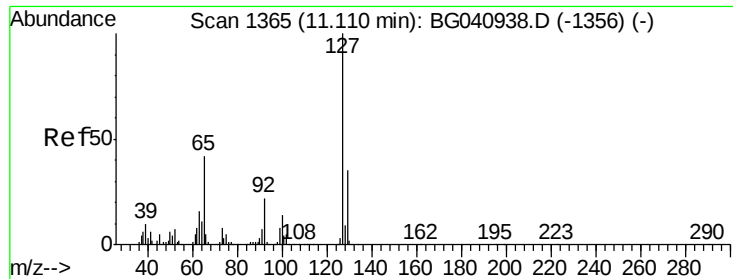
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#32
Benzoic acid
Concen: 14.911 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.2	134.0	174.0#
77	107.4	91.5	131.5





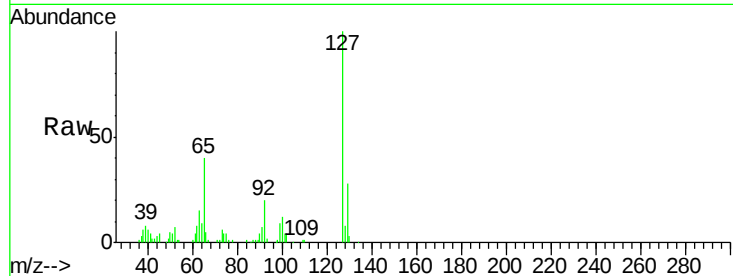
#33
4-Chloroaniline
Concen: 3.878 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

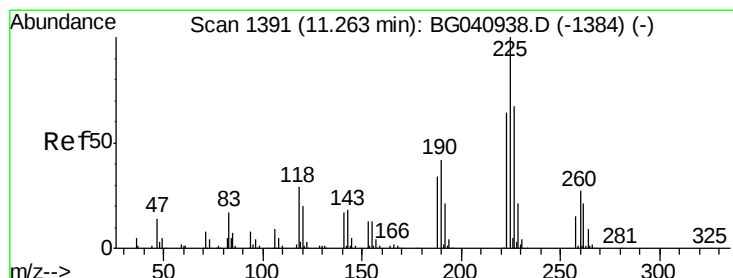
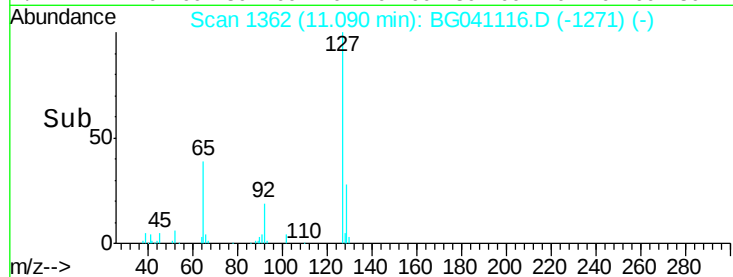
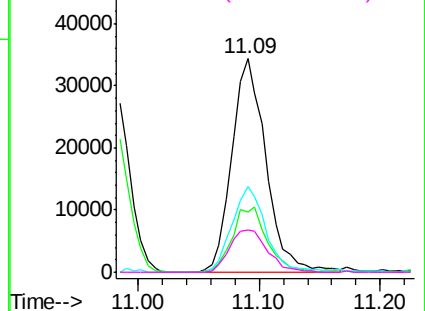
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		67419		
129	28.5	25.0	37.4		
65	40.0	30.2	45.4		
92	19.5	18.5	27.7		

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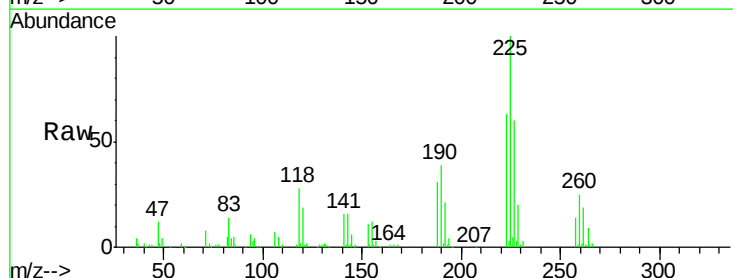


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

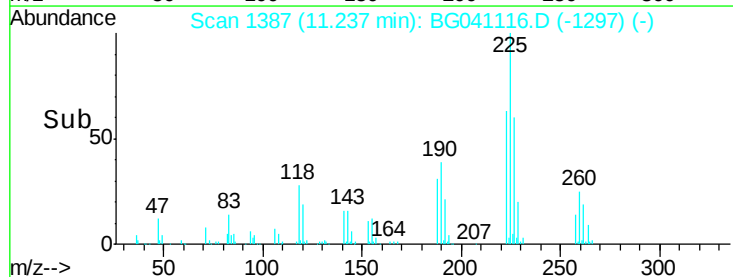
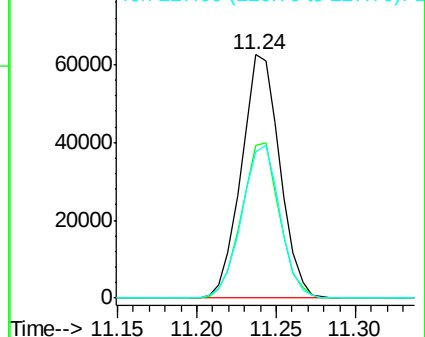


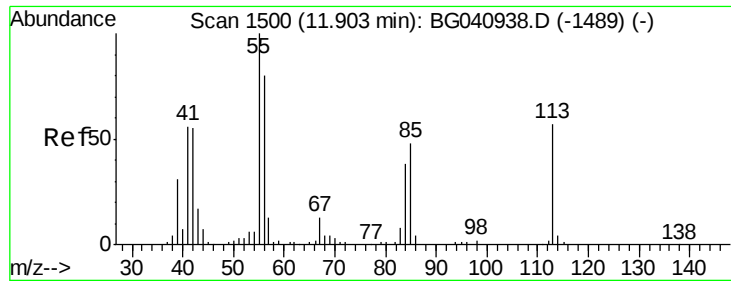
#34
Hexachlorobutadiene
Concen: 8.733 ng
RT: 11.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		105293		
223	62.9	49.1	73.7		
227	60.0	52.0	78.0		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





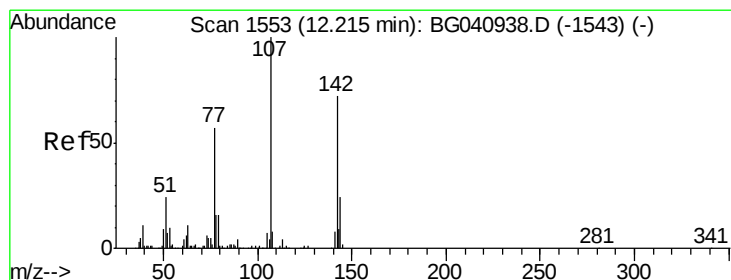
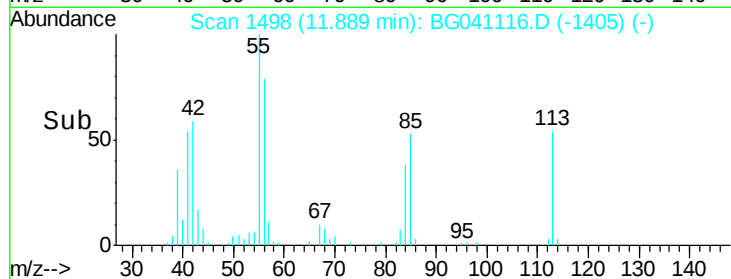
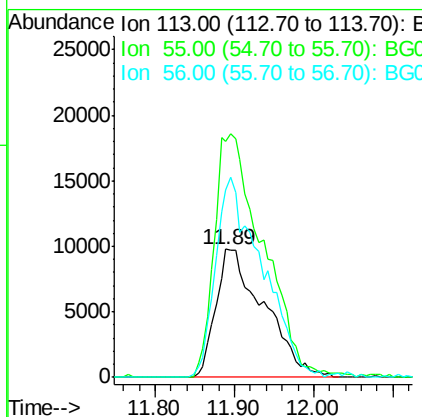
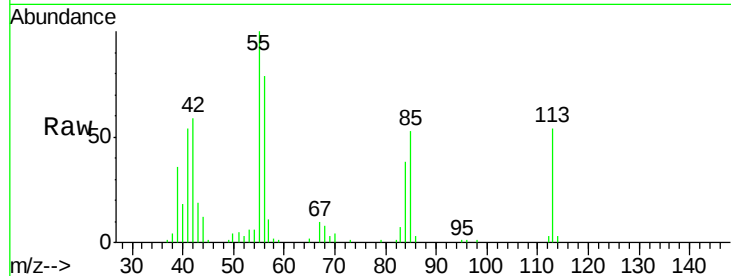
#35
 Caprolactam
 Concen: 9.023 ng
 RT: 11.89 min Scan# 1498
 Delta R.T. 0.01 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Instrument :
 BNA_G
 ClientSampleId :
 PB120423BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	184.1		174.4	214.4	
56	146.3		127.9	167.9	

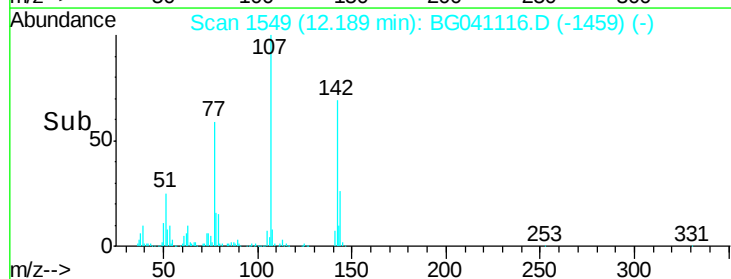
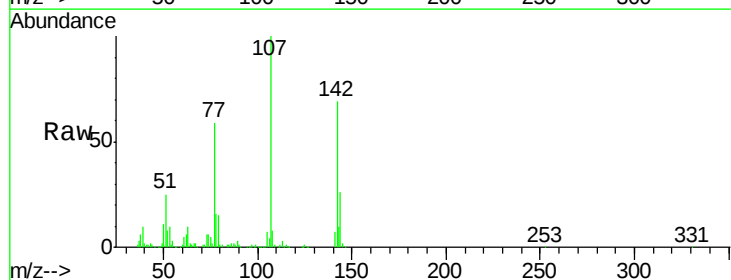
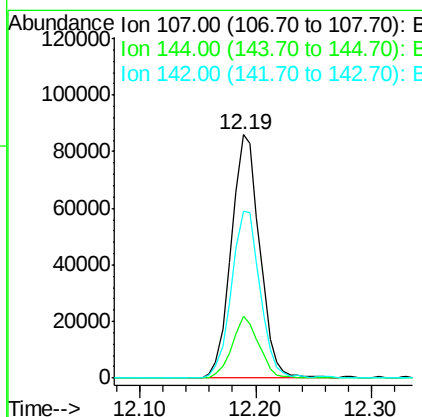
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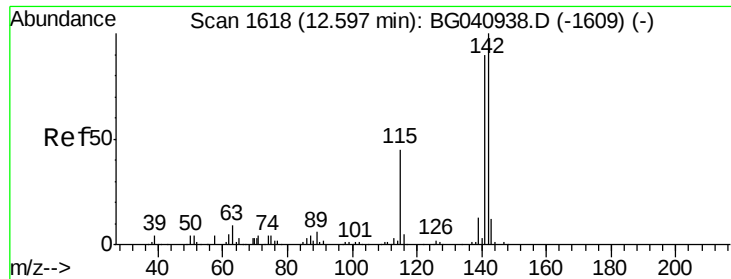
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#36
 4-Chloro-3-methylphenol
 Concen: 9.306 ng
 RT: 12.19 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.6		18.5	27.7	
142	68.5		54.6	81.8	





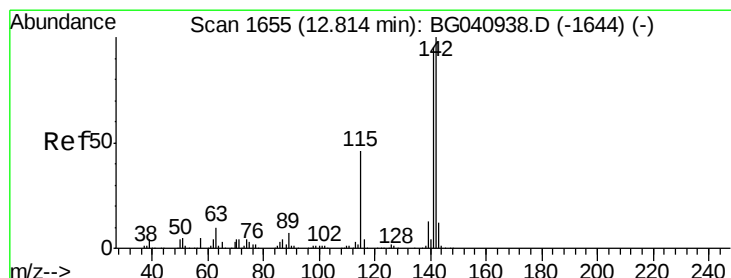
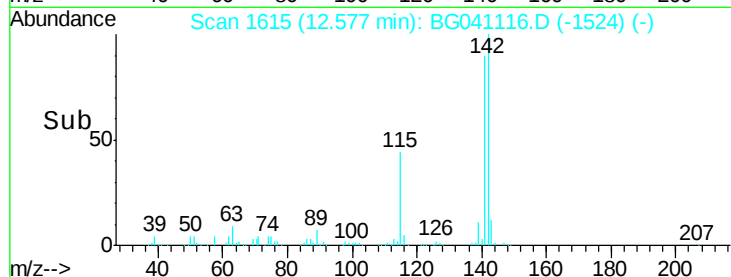
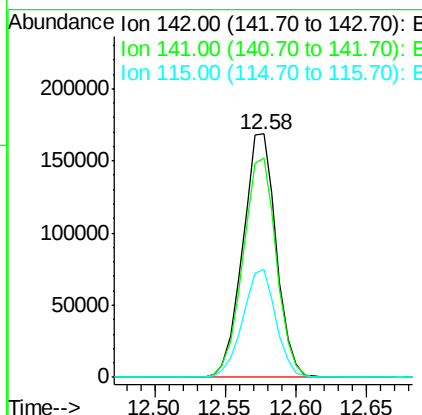
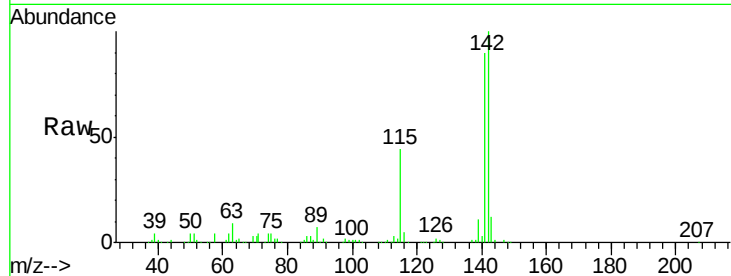
#37
2-Methylnaphthalene
Concen: 9.685 ng
RT: 12.58 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	279526		
141	89.9	71.5	107.3	
115	44.2	35.1	52.7	

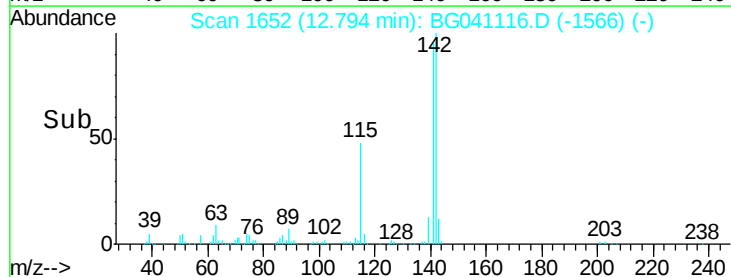
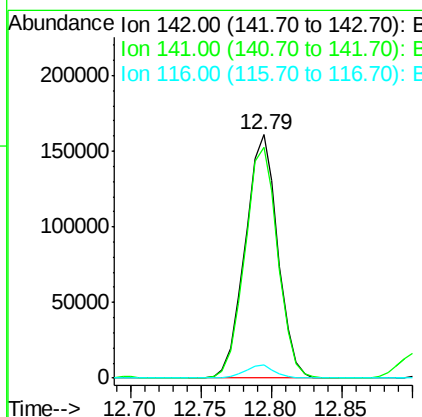
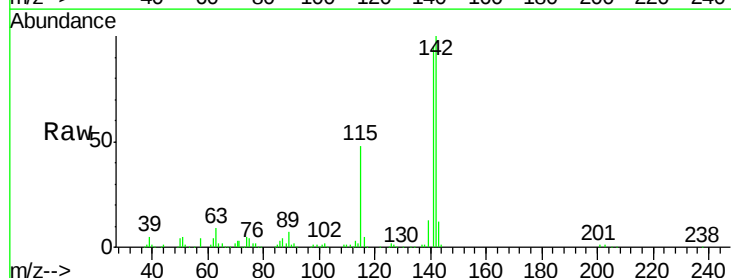
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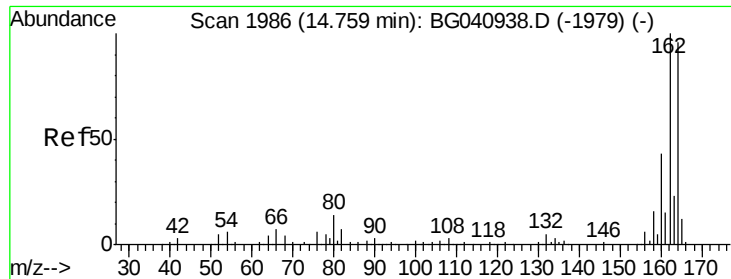
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#38
1-Methylnaphthalene
Concen: 9.569 ng
RT: 12.79 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	260233		
141	94.8	75.4	113.0	
116	5.2	3.8	5.8	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

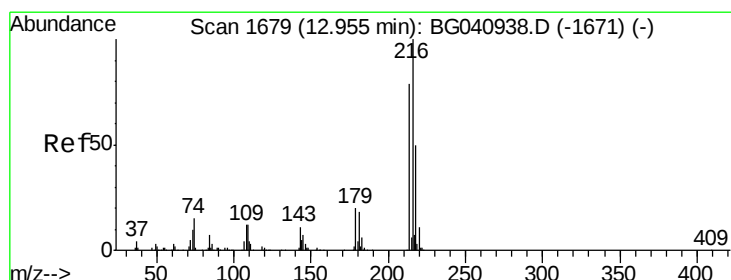
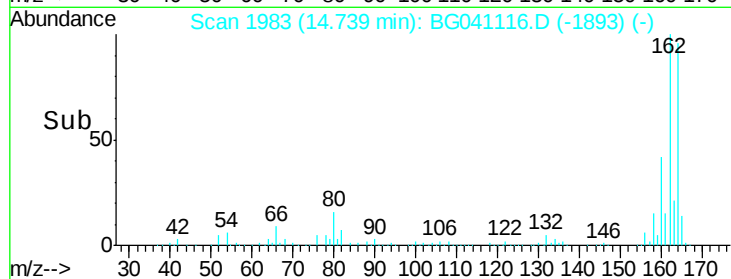
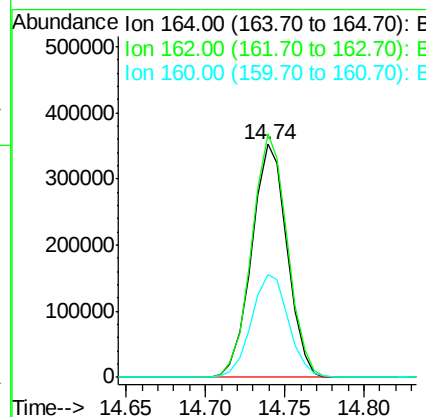
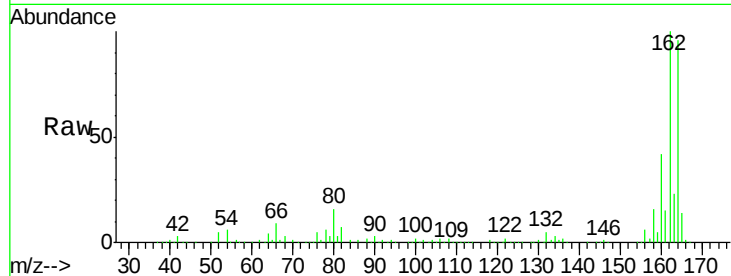
ClientSampleId :

PB120423BS

Tot Ion:	164	Resp:	547667
Ion Ratio	Lower	Upper	
164	100		
162	104.4	85.4	128.0
160	44.4	37.1	55.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.205 ng

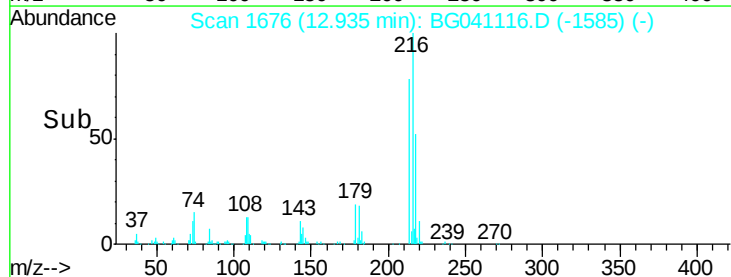
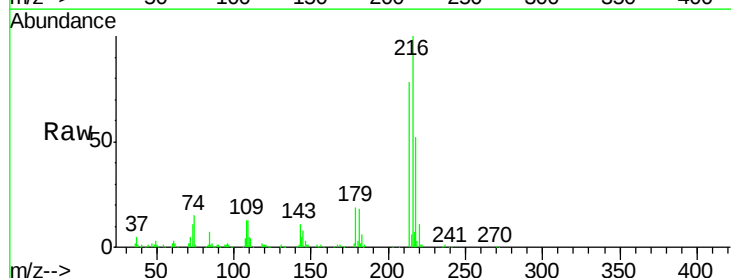
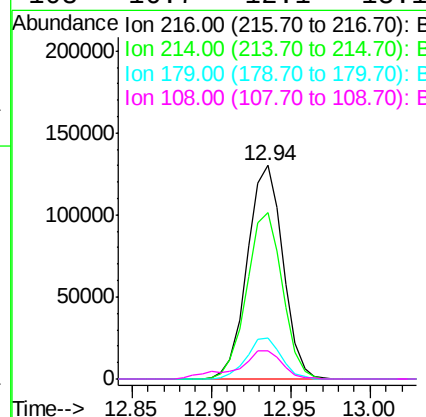
RT: 12.94 min Scan# 1676

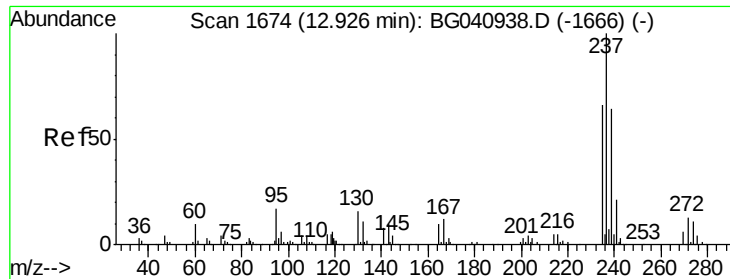
Delta R.T. 0.00 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Tgt Ion:	216	Resp:	203197
Ion Ratio	Lower	Upper	
216	100		
214	78.0	63.0	94.6
179	18.8	15.4	23.2
108	16.7	12.1	18.1





#41

Hexachlorocyclopentadiene

Concen: 27.977 ng

RT: 12.90 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

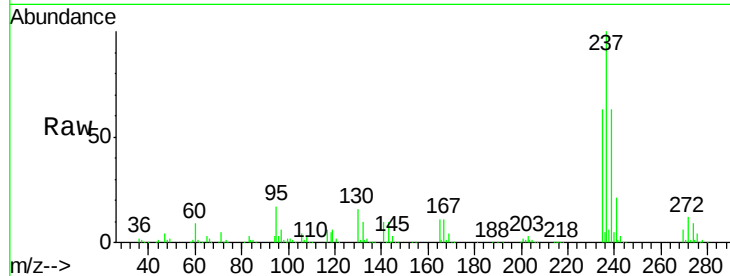
ClientSampleId :

PB120423BS

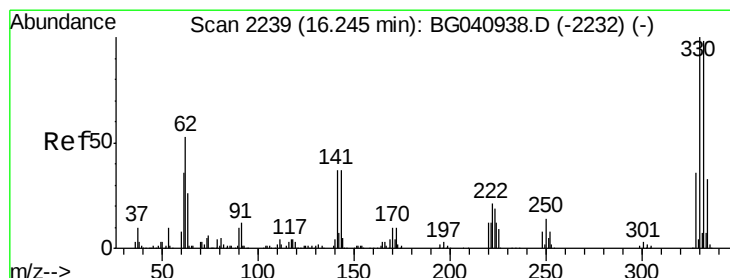
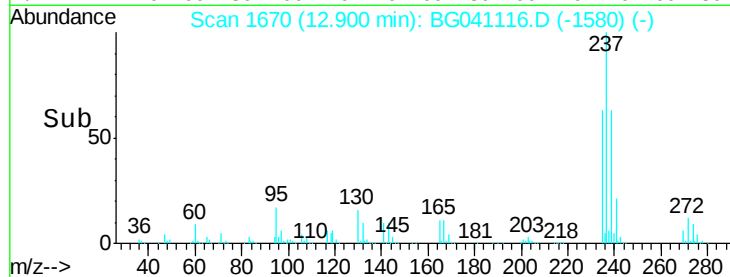
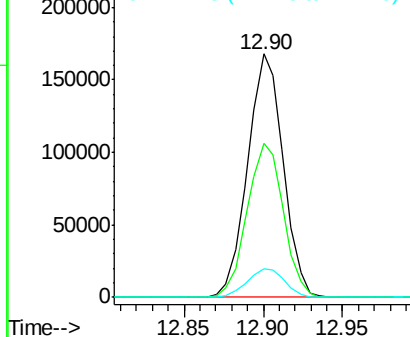
Tot Ion:	237	Resp:	261126
Ion Ratio		Lower	Upper
237	100		
235	63.1	40.5	80.5
272	11.9	0.0	31.4

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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: 121.693 ng

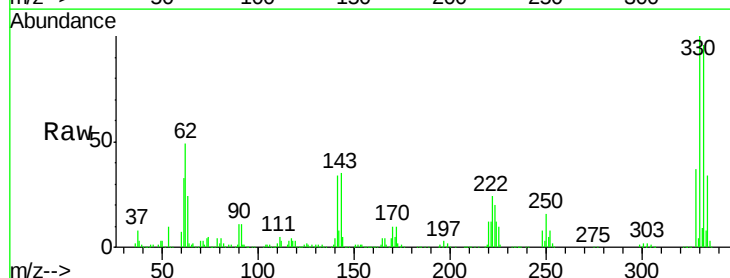
RT: 16.24 min Scan# 2238

Delta R.T. 0.01 min

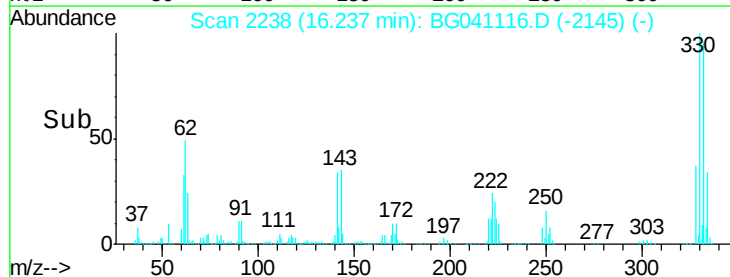
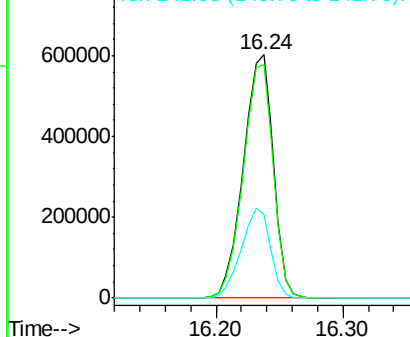
Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Tgt Ion:	330	Resp:	989424
Ion Ratio		Lower	Upper
330	100		
332	96.3	77.9	116.9
141	36.1	29.0	43.4



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





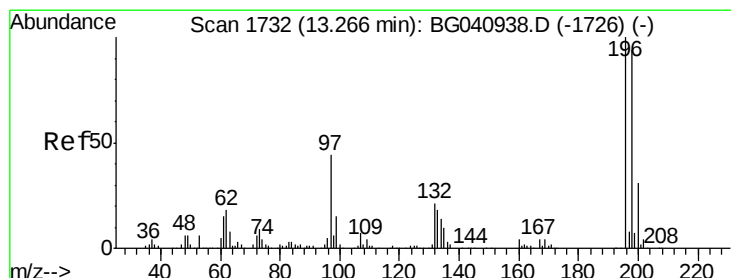
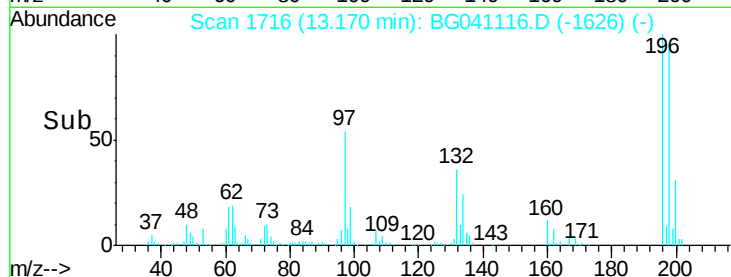
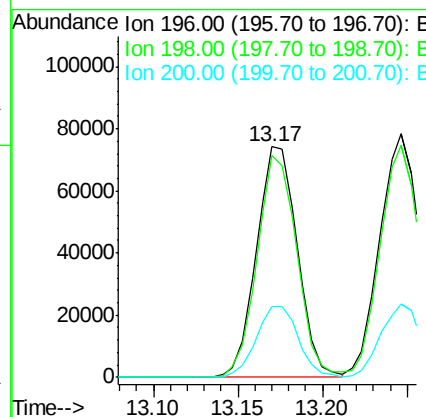
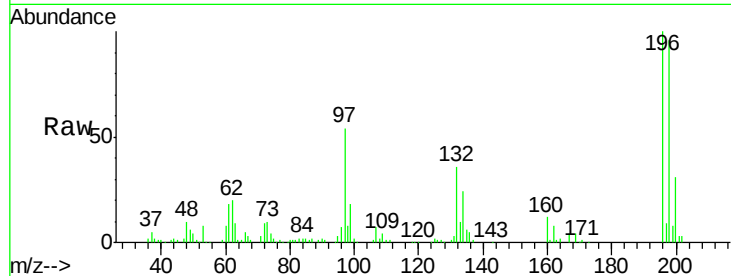
#43
 2,4,6-Trichlorophenol
 Concen: 8.746 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Instrument :
 BNA_G
 ClientSampleId :
 PB120423BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	124888		
198	96.4	79.0	118.6	
200	30.8	23.8	35.8	

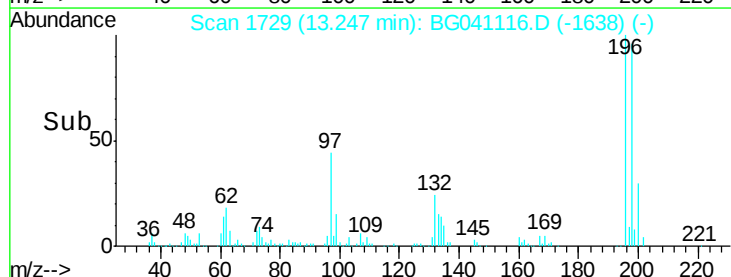
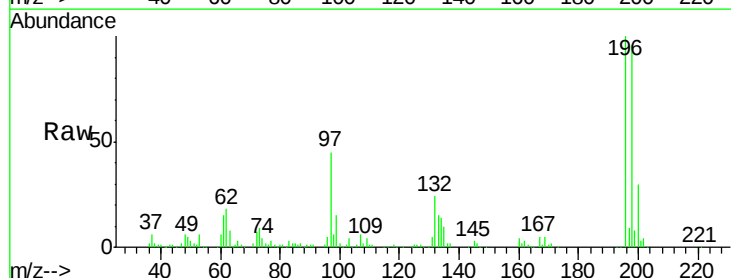
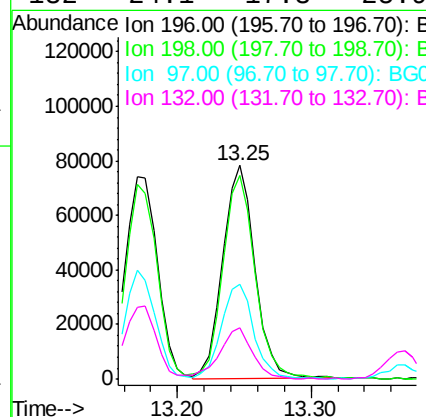
Manual Integrations
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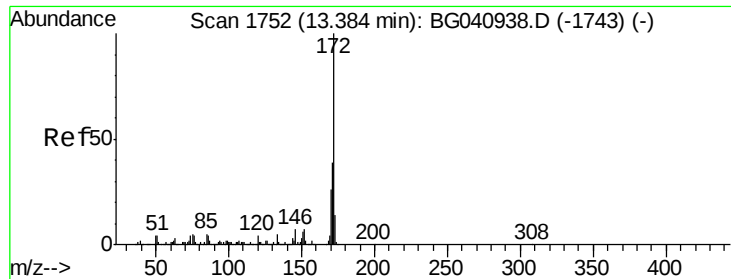
mohammad
 6/11/2019 8:54:37 AM



#44
 2,4,5-Trichlorophenol
 Concen: 8.733 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	131522		
198	95.6	78.2	117.4	
97	44.5	37.9	56.9	
132	24.1	17.3	25.9	





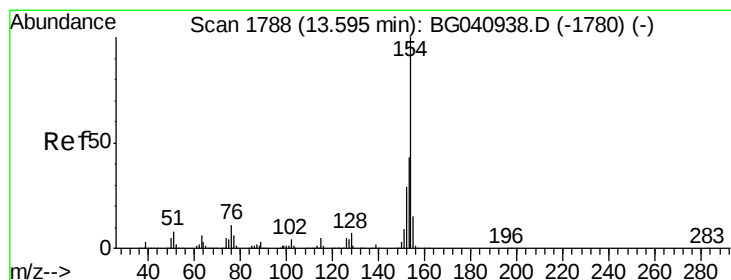
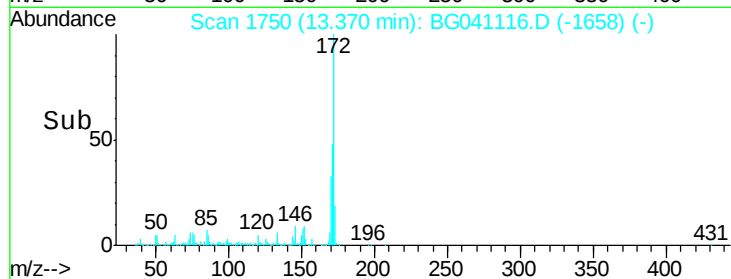
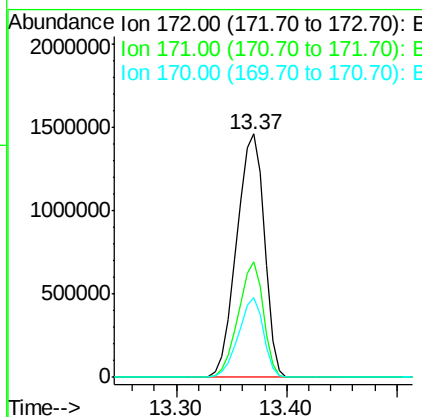
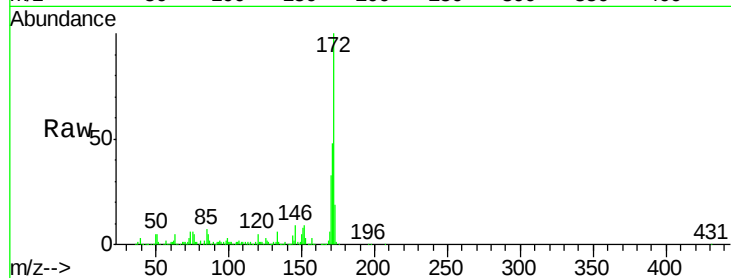
#45
2-Fluorobiphenyl
Concen: 67.751 ng
RT: 13.37 min Scan# 1750
Delta R.T. 0.01 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	47.7	30.8	46.2#
170	33.0	21.3	31.9#

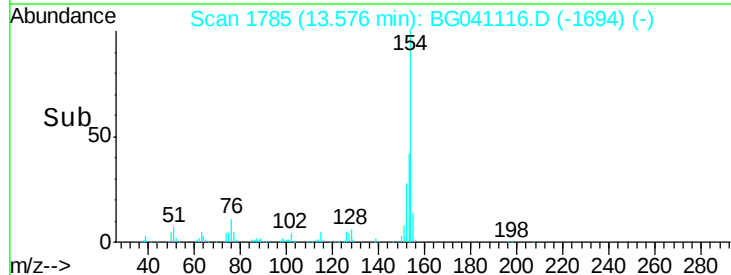
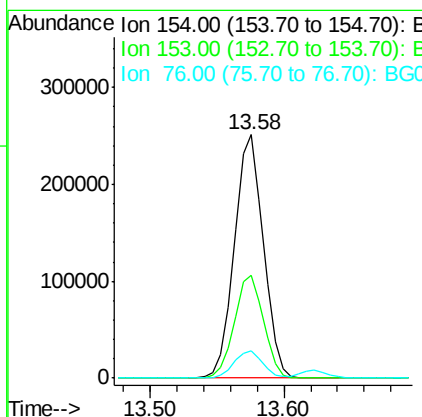
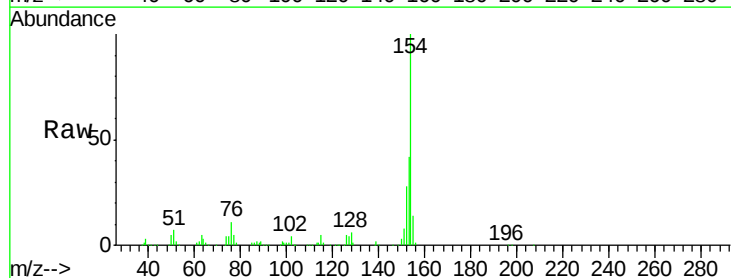
Manual Integrations
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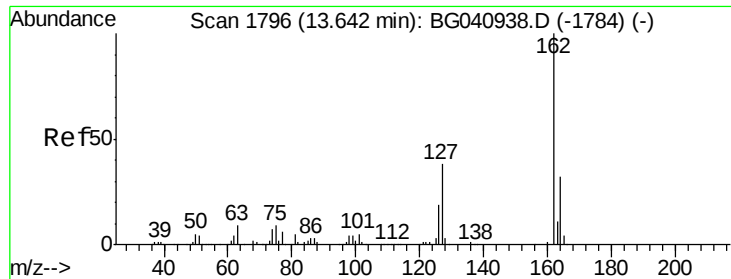
mohammad
6/11/2019 8:54:37 AM



#46
1,1'-Biphenyl
Concen: 9.310 ng
RT: 13.58 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	23.1	63.1
76	11.1	0.0	31.2





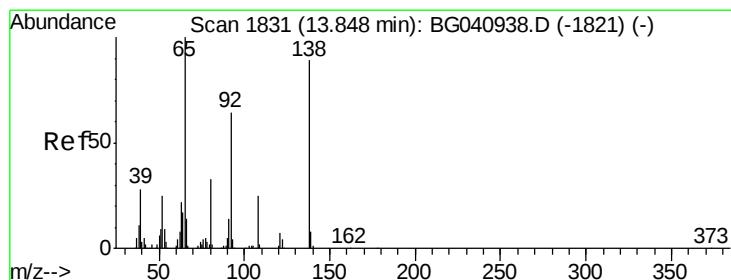
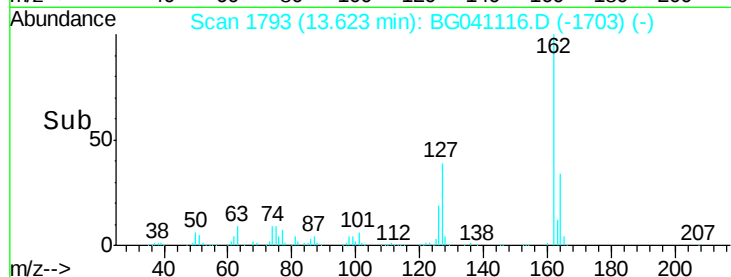
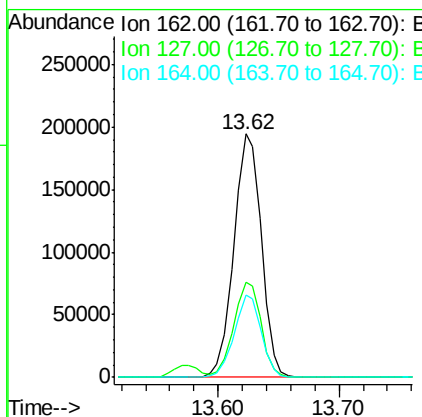
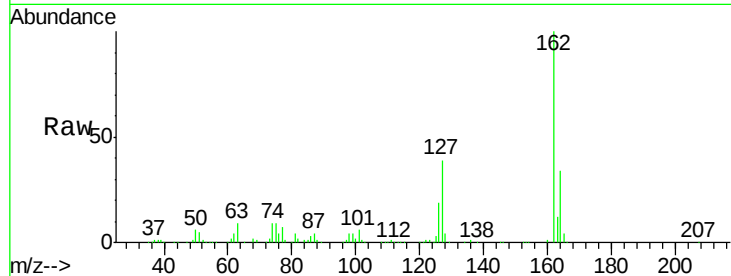
#47
2-Chloronaphthalene
Concen: 8.845 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampled :
PB120423BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.1	46.7
164	34.0	25.8	38.8

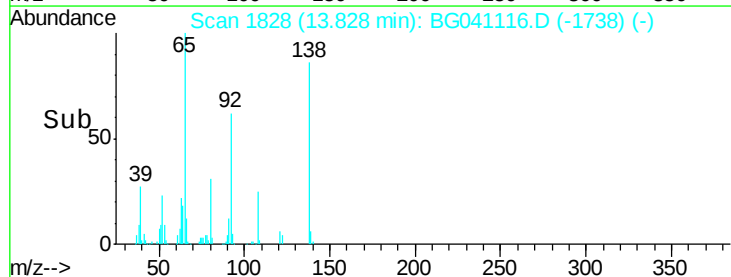
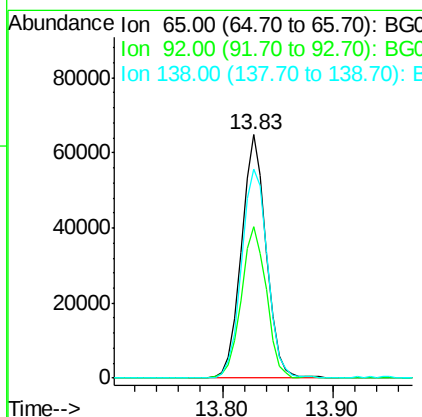
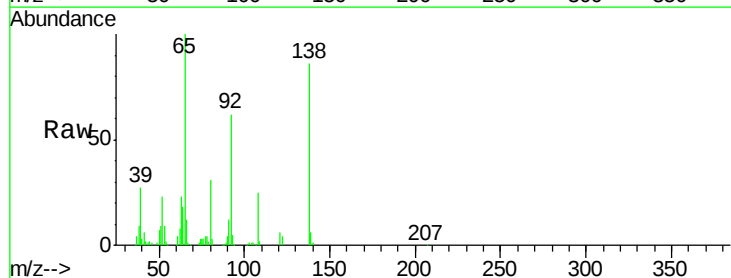
Manual Integrations
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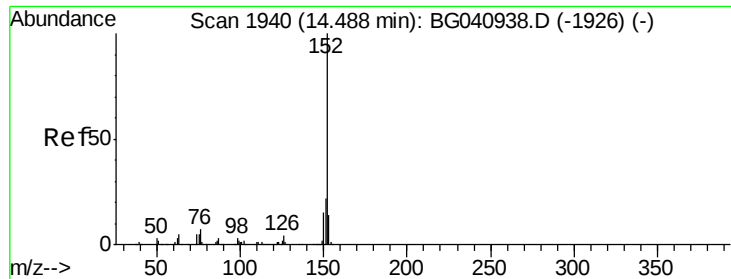
mohammad
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#48
2-Nitroaniline
Concen: 8.205 ng
RT: 13.83 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.1	49.2	73.8
138	85.8	73.0	109.6





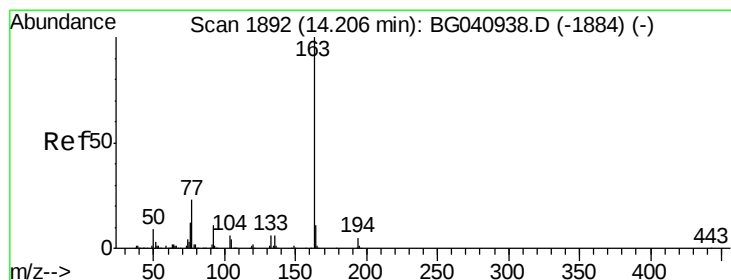
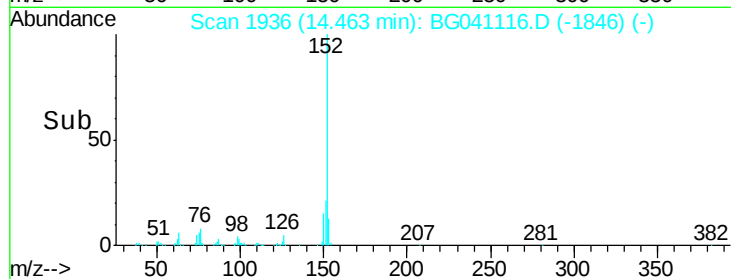
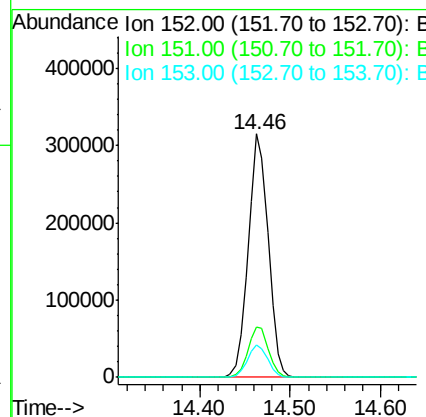
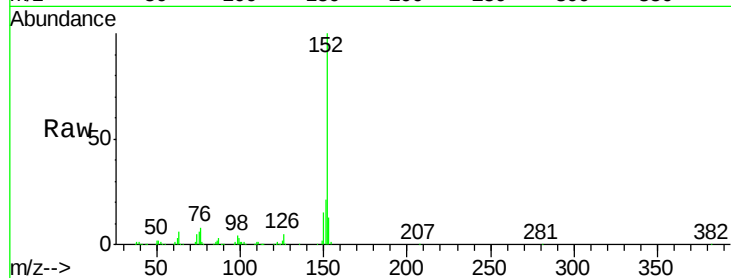
#49
Acenaphthylene
Concen: 9.142 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.3	10.6	16.0

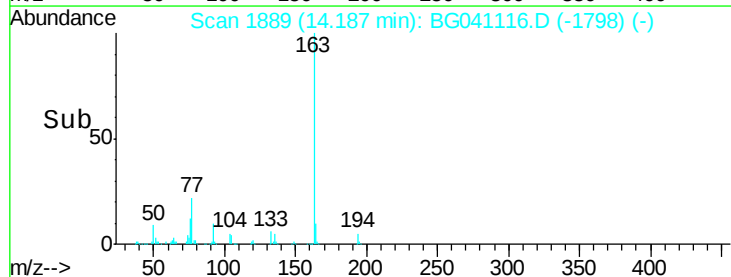
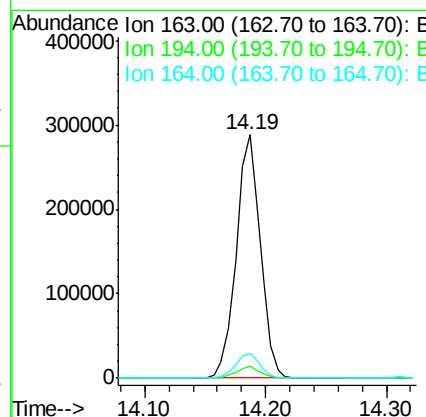
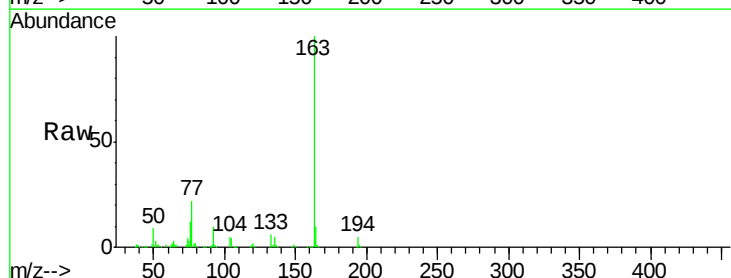
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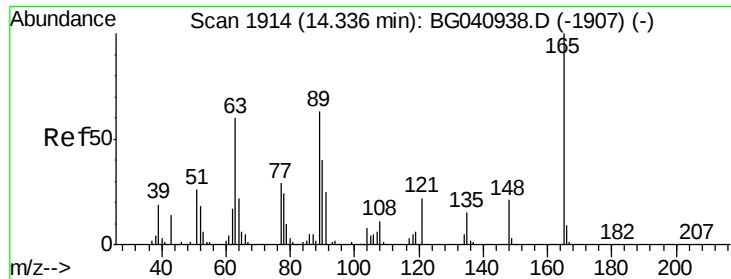
mohammad
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#50
Dimethylphthalate
Concen: 8.638 ng
RT: 14.19 min Scan# 1889
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.8	5.6
164	10.4	8.3	12.5





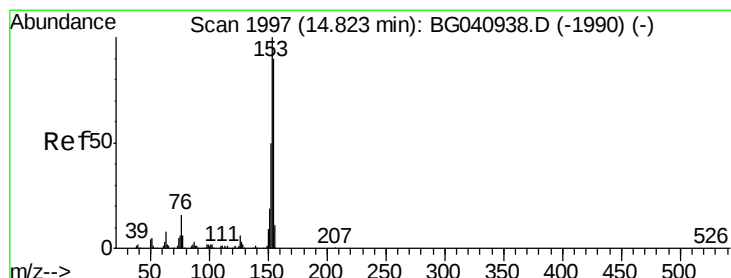
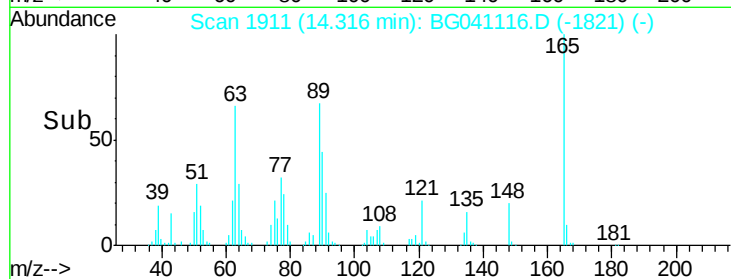
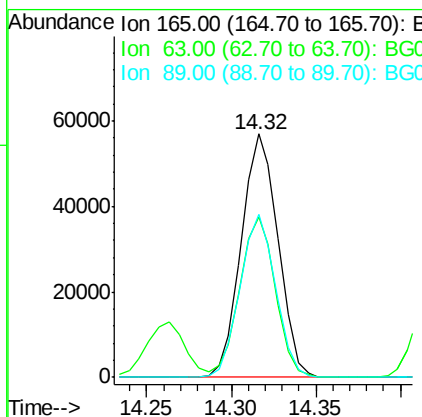
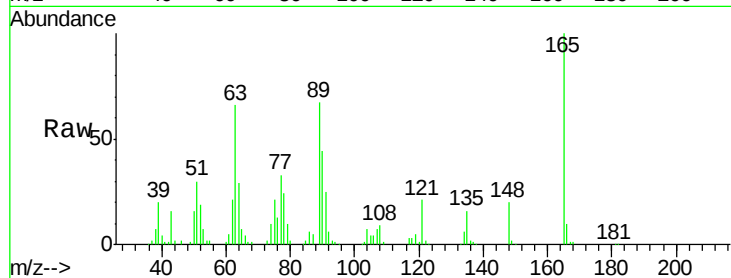
#51
2,6-Dinitrotoluene
Concen: 8.608 ng
RT: 14.32 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	86041		
63	66.1	48.6	73.0	
89	66.9	51.1	76.7	

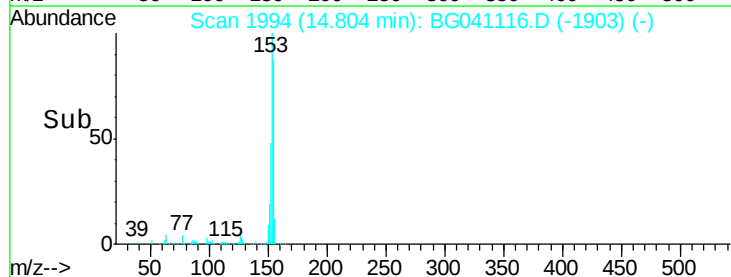
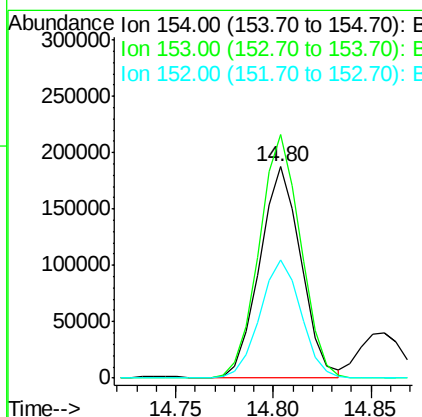
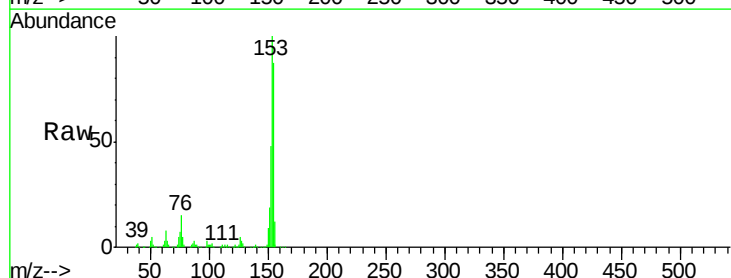
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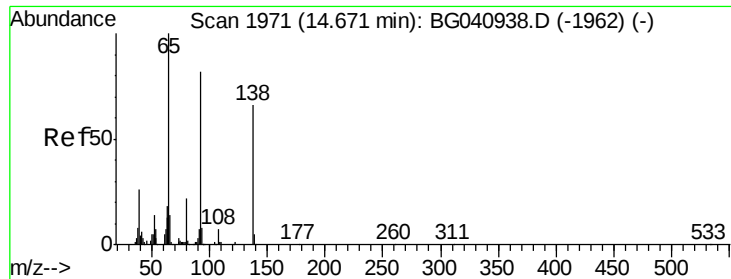
mohammad
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#52
Acenaphthene
Concen: 8.654 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	274607		
153	115.2	90.6	135.8	
152	55.7	43.0	64.4	





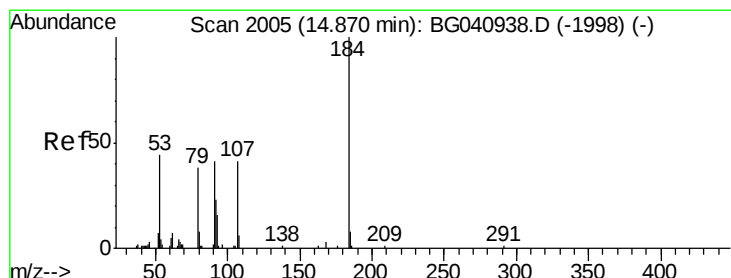
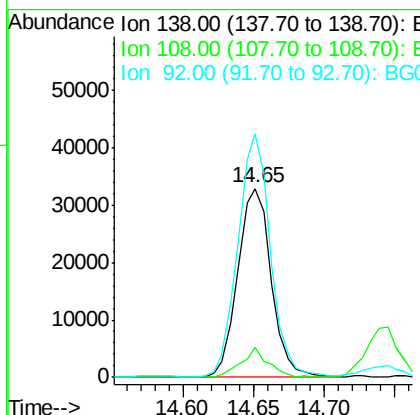
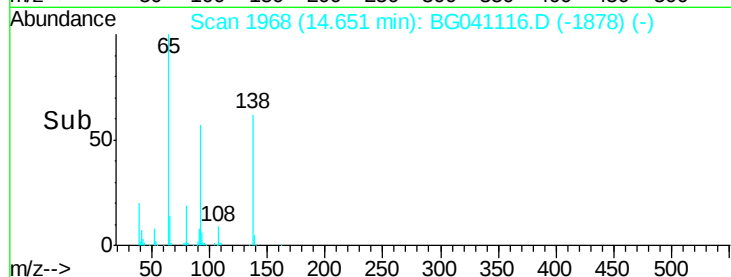
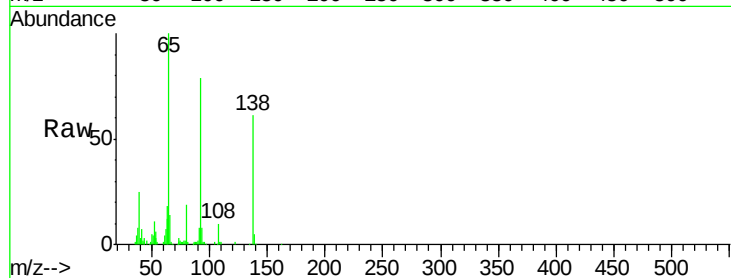
#53
 3-Nitroaniline
 Concen: 5.447 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Instrument :
 BNA_G
 ClientSampleId :
 PB120423BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	15.7	8.6	13.0#
92	128.9	98.0	147.0

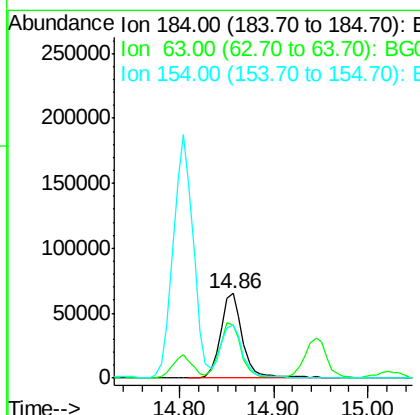
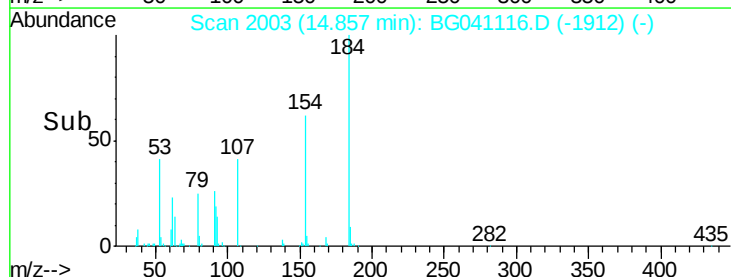
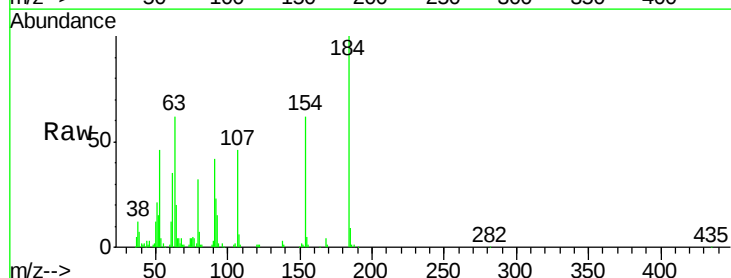
Manual Integrations
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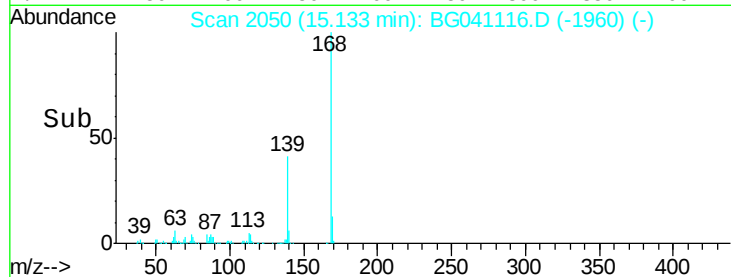
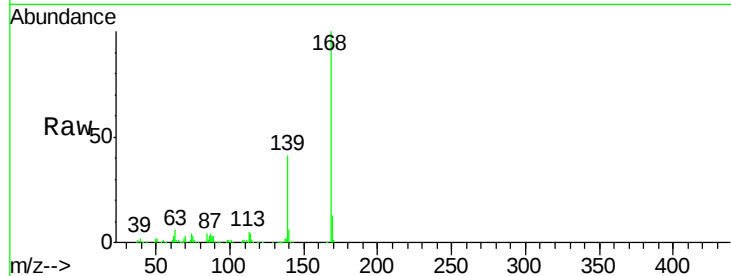
mohammad
 6/11/2019 8:54:37 AM



#54
 2,4-Dinitrophenol
 Concen: 31.179 ng
 RT: 14.86 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.1	54.2	81.4
154	62.3	52.3	78.5





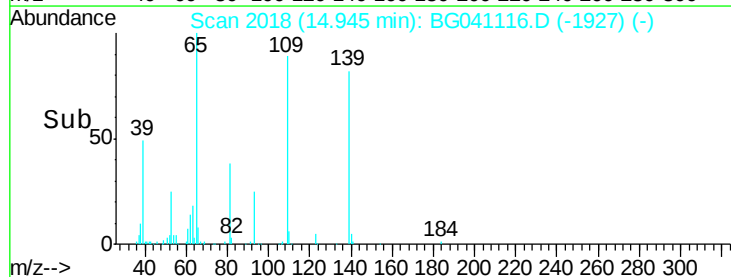
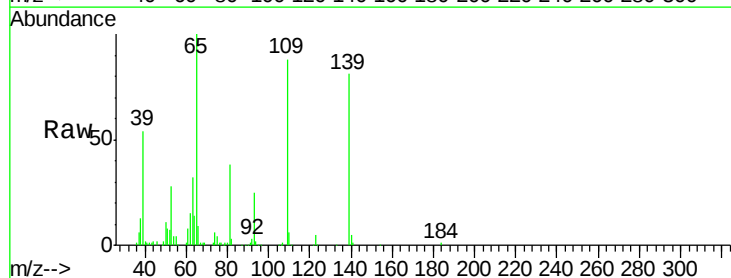
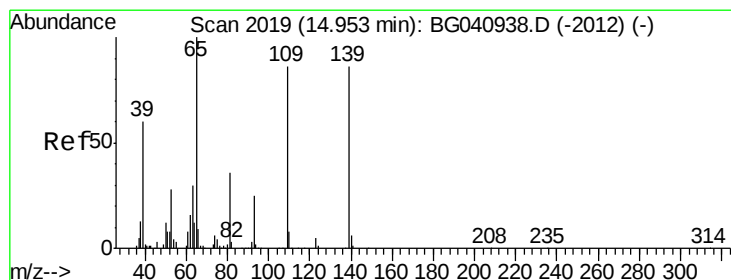
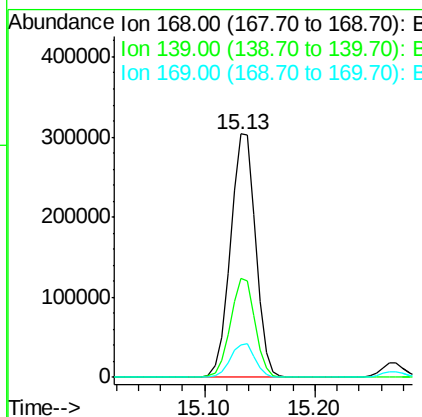
#55
Dibenzofuran
Concen: 9.102 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tot Ion	Ratio	Resp	Lower	Upper
168	100	485995		
139	40.7		32.3	48.5
169	13.5		11.3	16.9

Instrument :
BNA_G
ClientSampleId :
PB120423BS

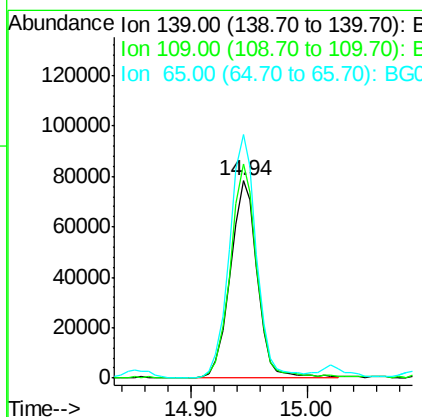
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#56
4-Nitrophenol
Concen: 18.496 ng
RT: 14.94 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	126807		
109	108.4		89.2	129.2
65	123.4		104.3	144.3





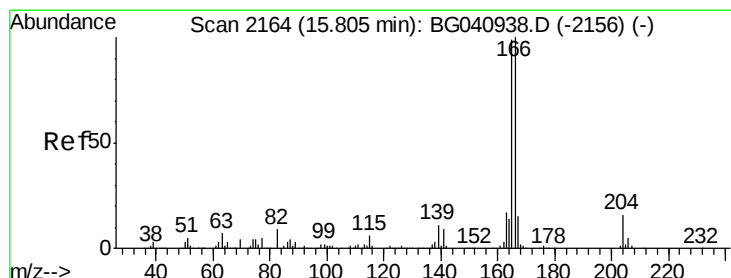
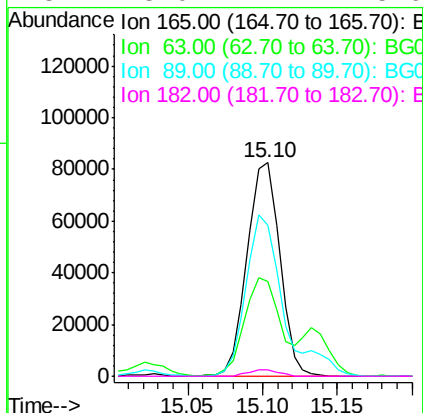
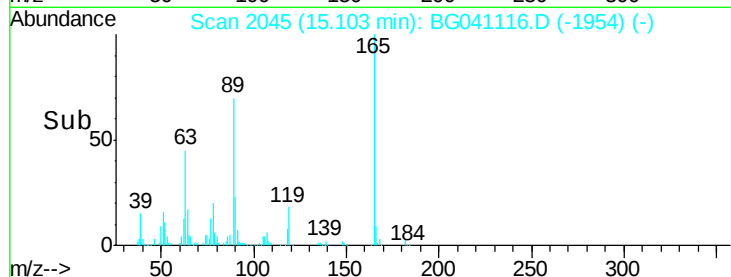
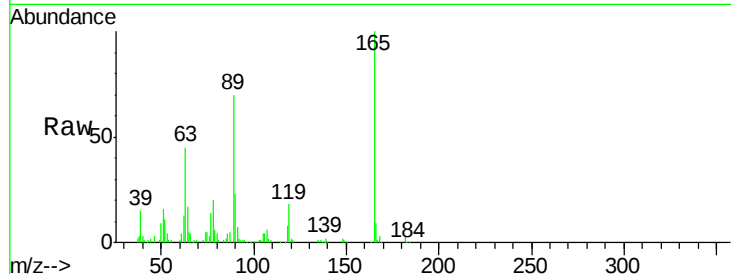
#57
2,4-Dinitrotoluene
Concen: 8.876 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		125321		
63	44.6	38.1	57.1		
89	70.5	60.7	91.1		
182	3.0	2.4	3.6		

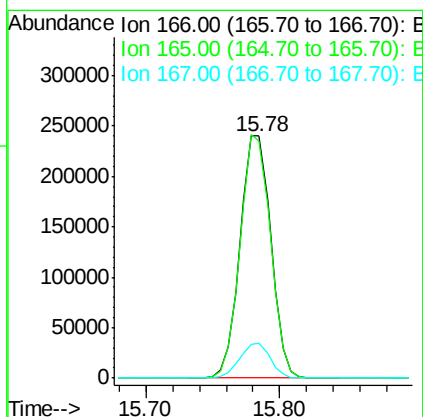
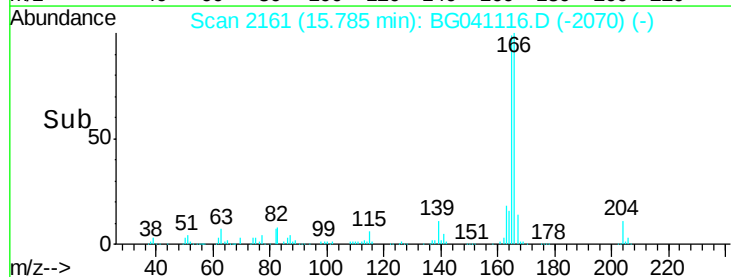
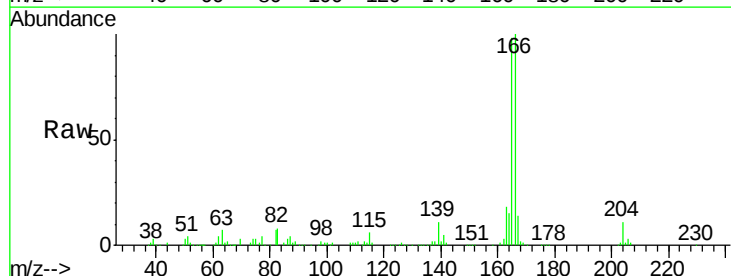
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6/11/2019 8:54:37 AM



#58
Fluorene
Concen: 8.982 ng
RT: 15.78 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		381913		
165	98.0	80.6	121.0		
167	14.4	11.6	17.4		





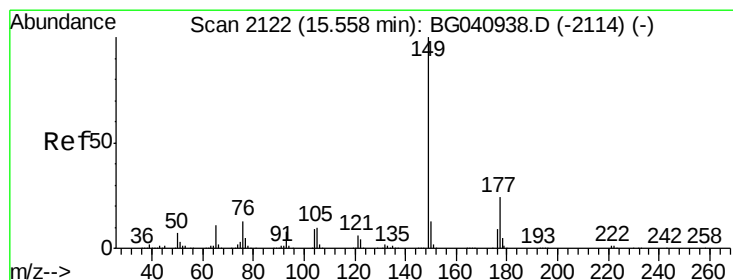
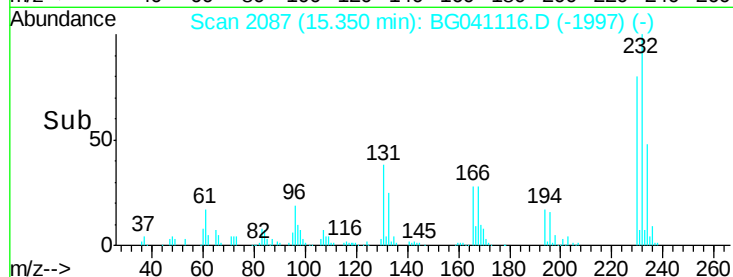
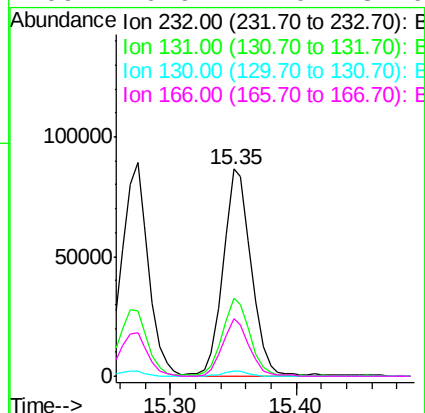
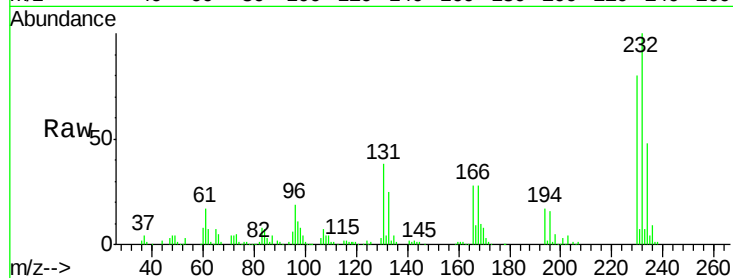
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 9.126 ng/ml
 RT: 15.35 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Instrument :
 BNA_G
 ClientSampleId :
 PB120423BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		135067		
131	32.4	30.0	45.0		
130	2.4	1.7	2.5		
166	20.6	21.0	31.6		

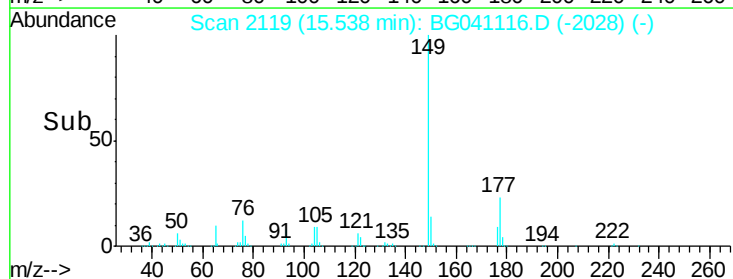
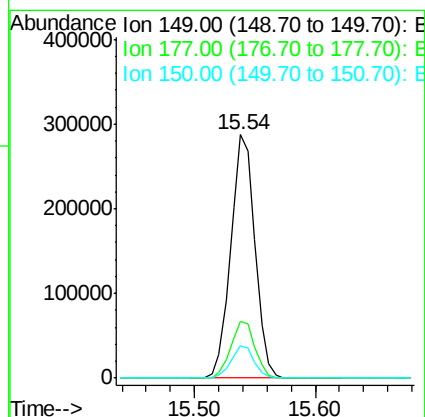
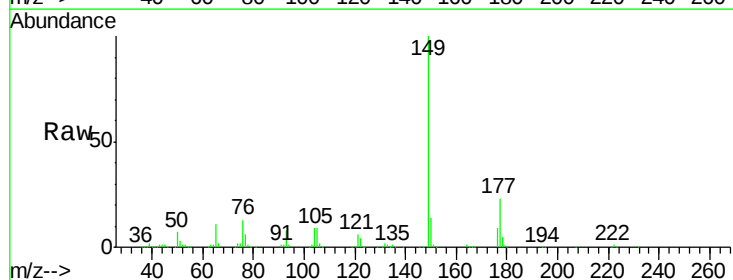
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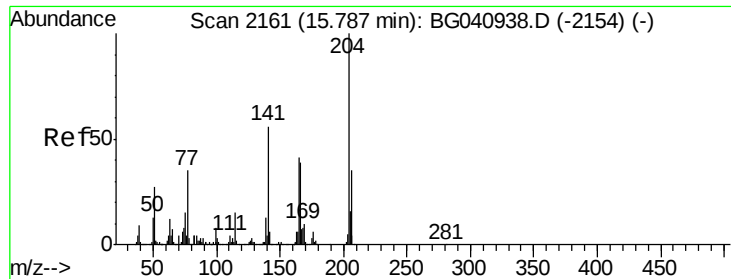
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#60
 Diethylphthalate
 Concen: 8.420 ng
 RT: 15.54 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		398366		
177	23.3	19.5	29.3		
150	13.5	10.6	15.8		





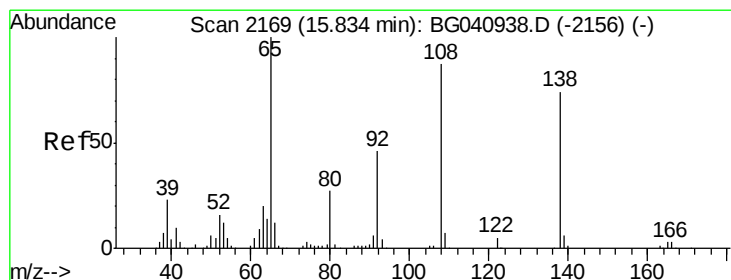
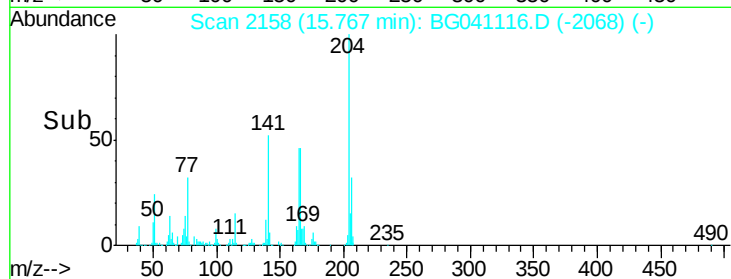
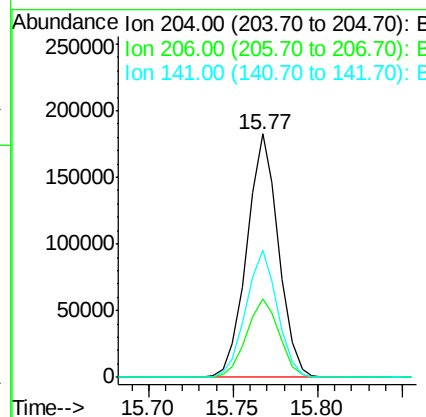
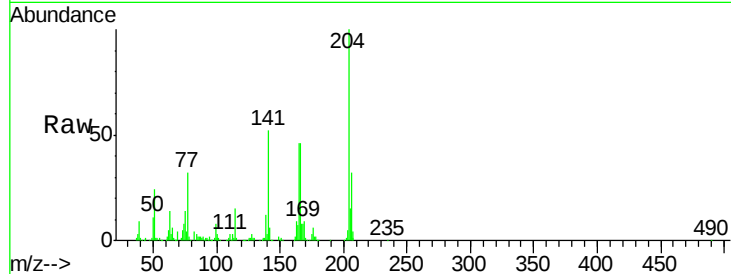
#61
4-Chlorophenyl-phenylether
Concen: 8.589 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	24.3	36.5
141	52.0	41.0	61.4

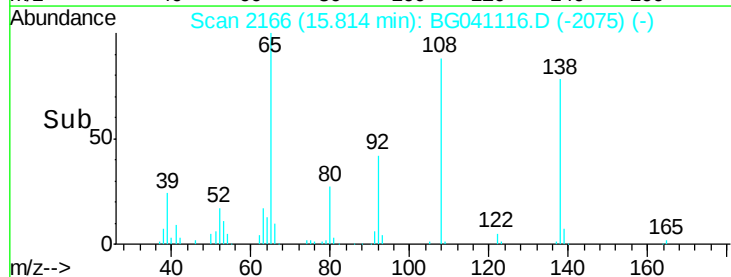
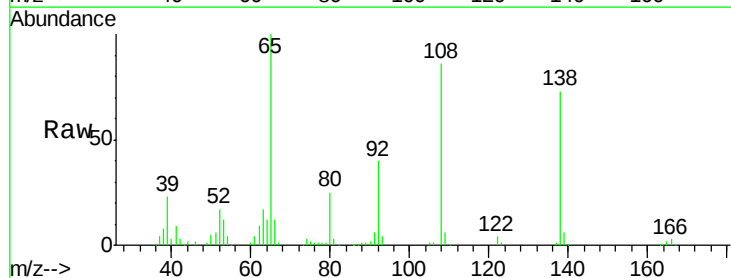
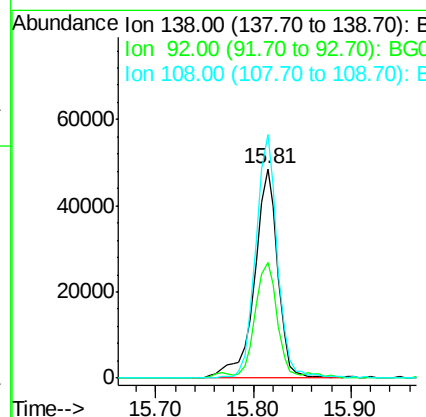
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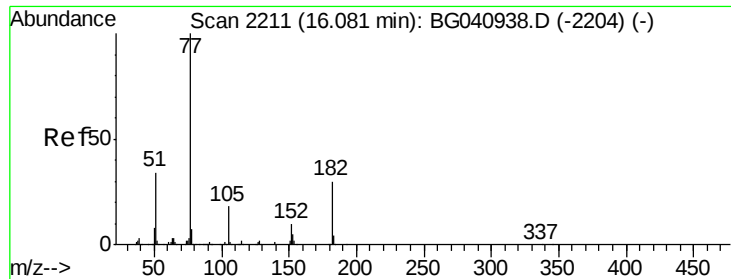
mohammad
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#62
4-Nitroaniline
Concen: 7.733 ng
RT: 15.81 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.1	37.1	77.1
108	116.5	97.0	137.0





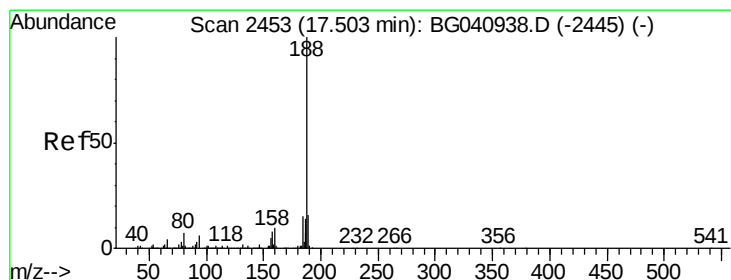
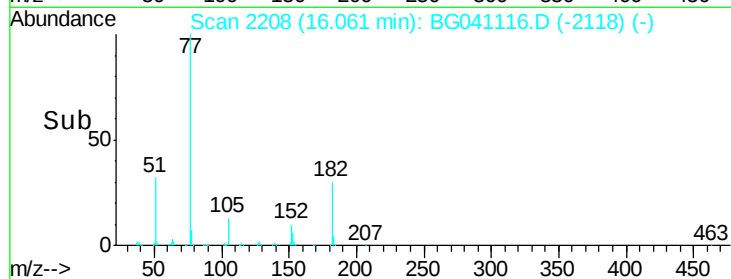
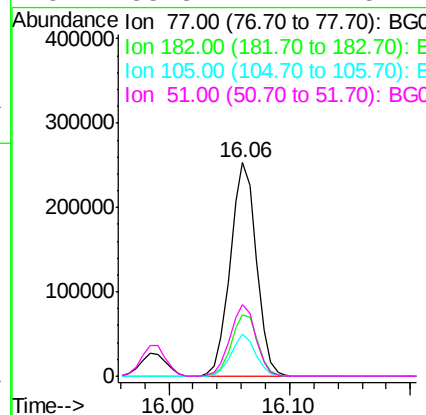
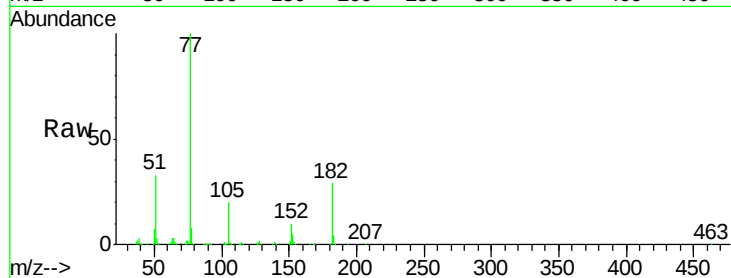
#63
Azobenzene
Concen: 8.793 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.9	10.4	50.4
105	19.8	0.0	38.6
51	33.3	14.2	54.2

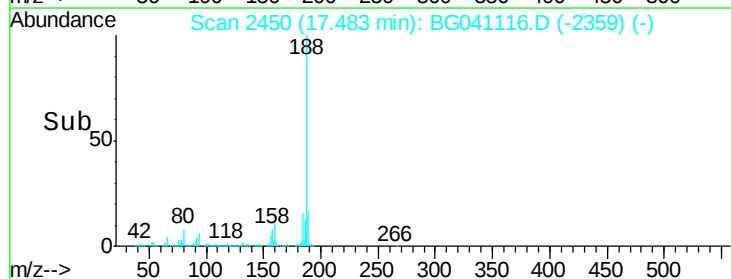
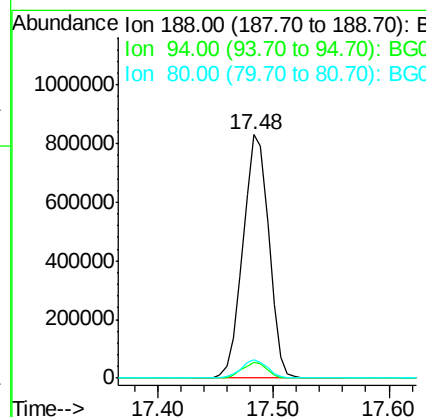
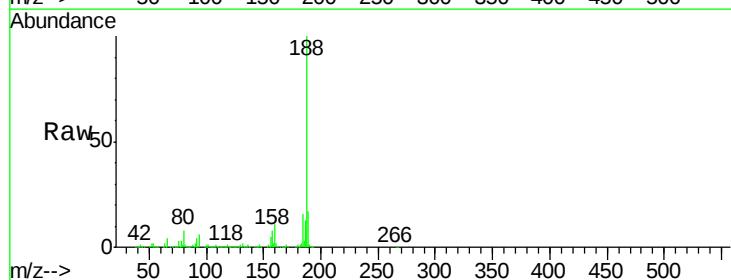
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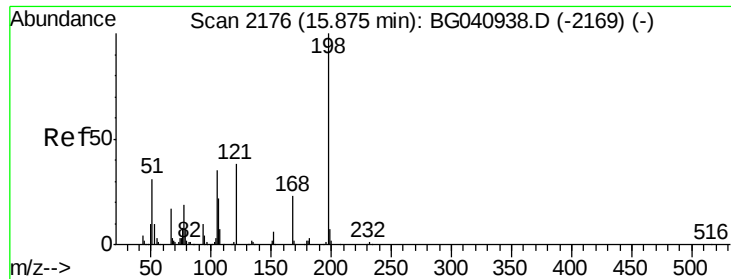
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.6	7.0
80	7.6	5.8	8.8





#65

4,6-Dinitro-2-methylphenol

Concen: 17.321 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120423BS

Tot Ion:198 Resp: 73644

Ion Ratio Lower Upper

198 100

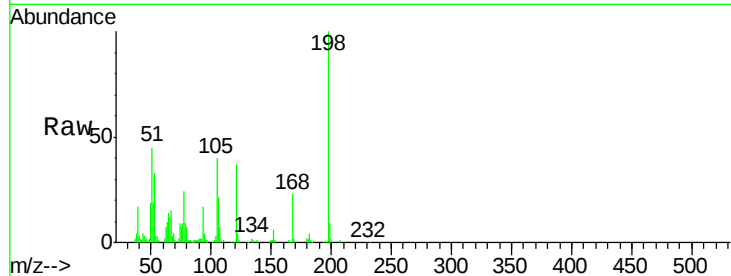
51 44.8 22.9 62.9

105 40.0 19.1 59.1

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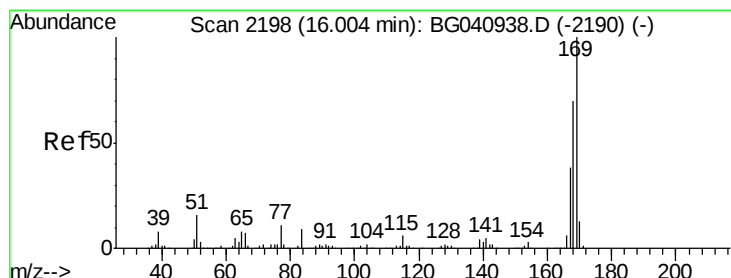
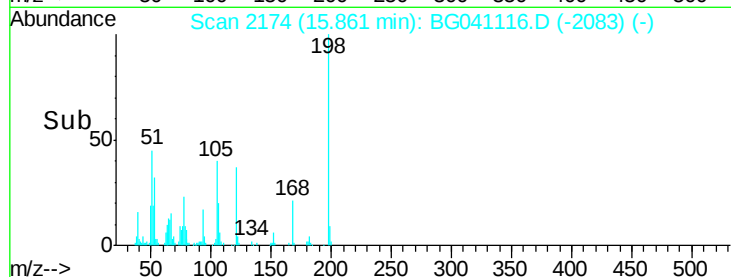
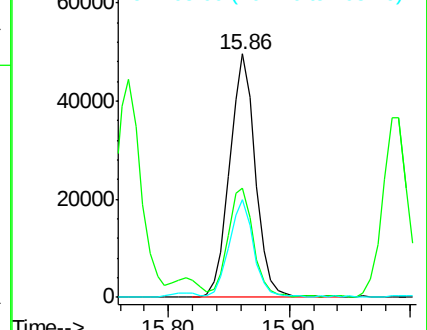
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 9.197 ng

RT: 15.99 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

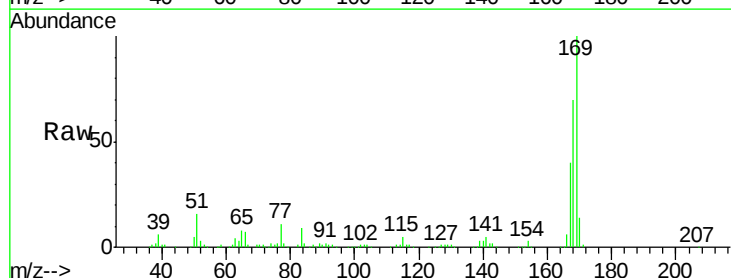
Tgt Ion:169 Resp: 334105

Ion Ratio Lower Upper

169 100

168 70.3 55.4 83.0

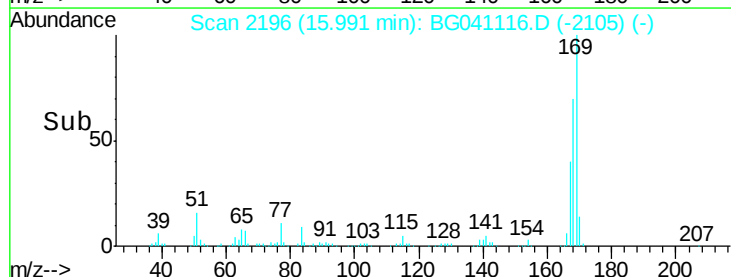
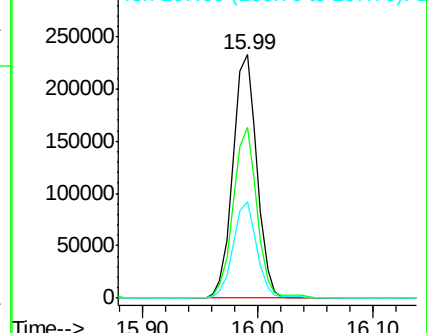
167 39.7 30.2 45.4

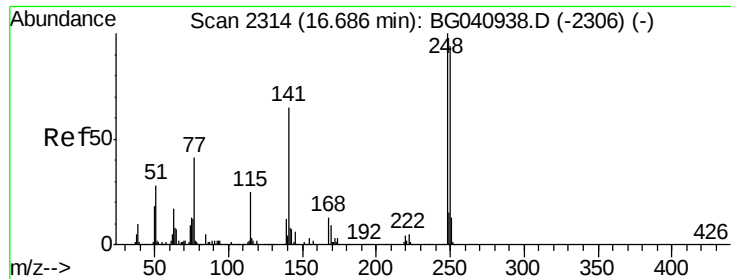


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





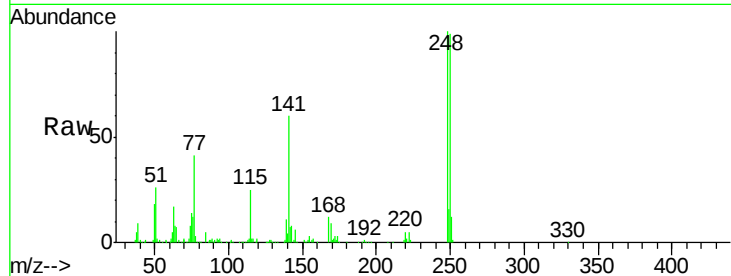
#67
4-Bromophenyl-phenylether
Concen: 8.807 ng
RT: 16.67 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampled :
PB120423BS

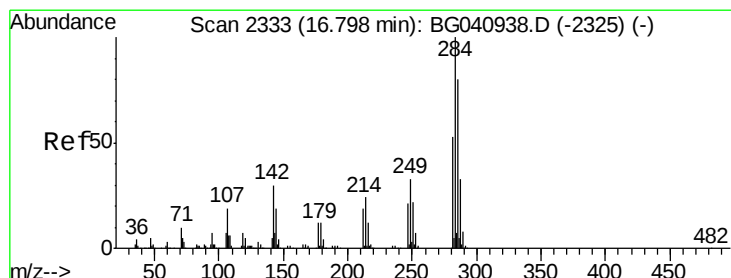
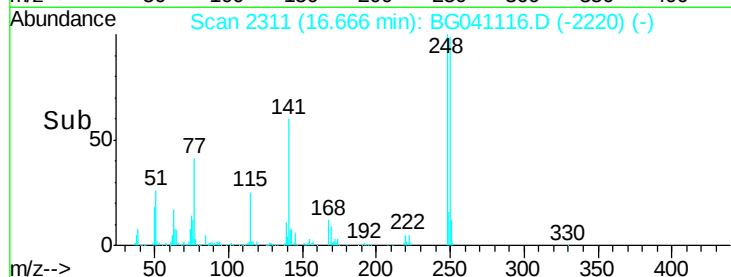
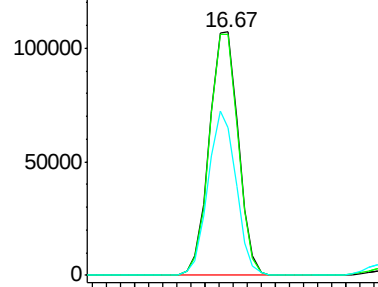
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	80.9	121.3
141	60.4	56.1	84.1

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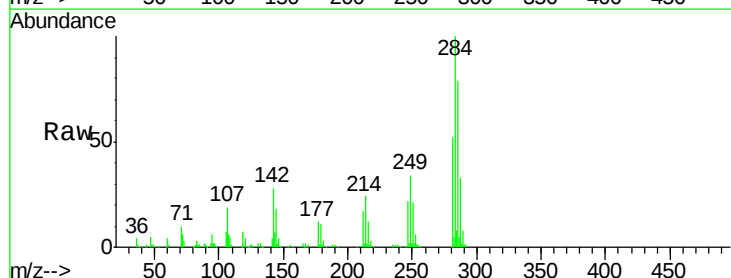


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

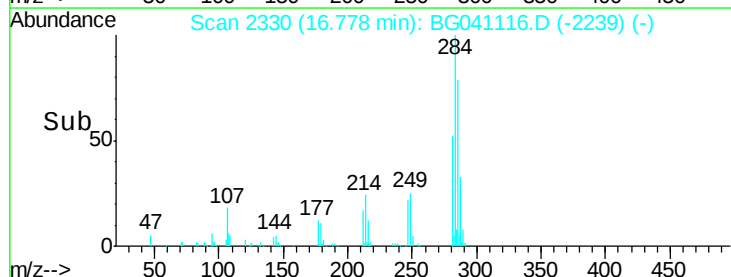
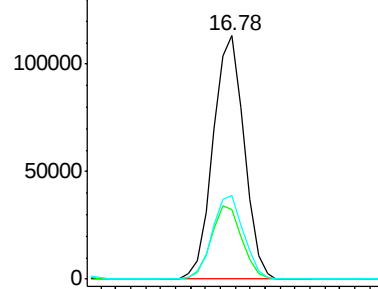


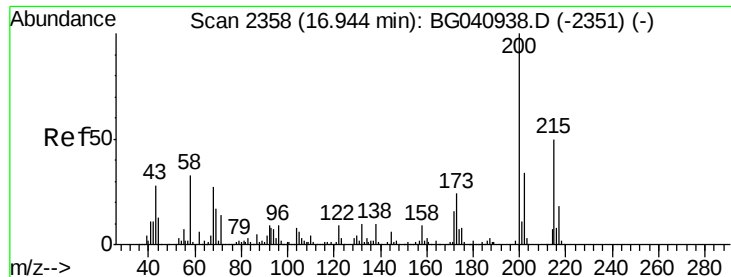
#68
Hexachlorobenzene
Concen: 8.747 ng
RT: 16.78 min Scan# 2330
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.3	24.2	36.2
249	34.1	26.7	40.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





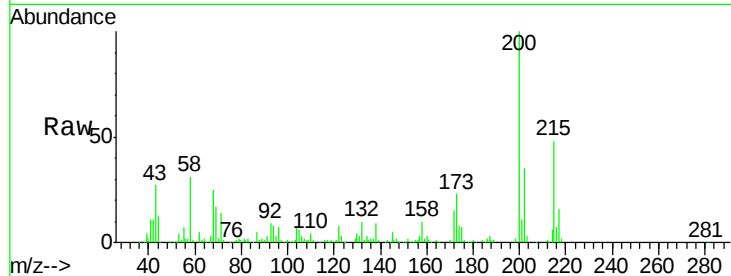
#69
Atrazine
Concen: 9.877 ng
RT: 16.92 min Scan# 2355
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampled :
PB120423BS

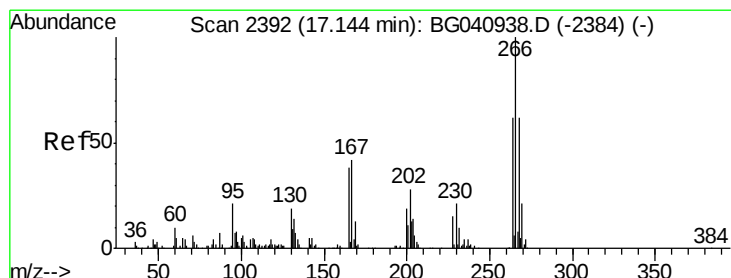
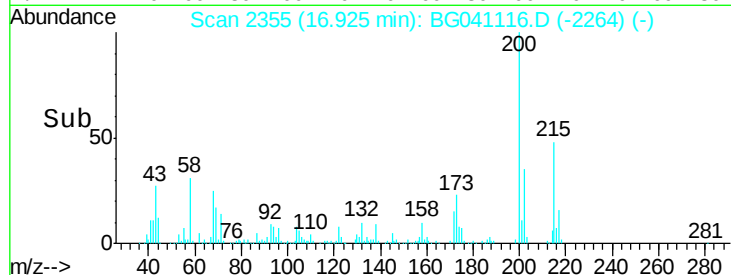
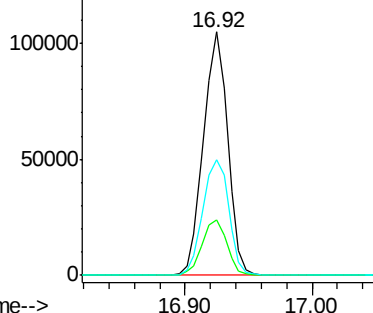
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.0	4.5	44.5
215	47.7	32.2	72.2

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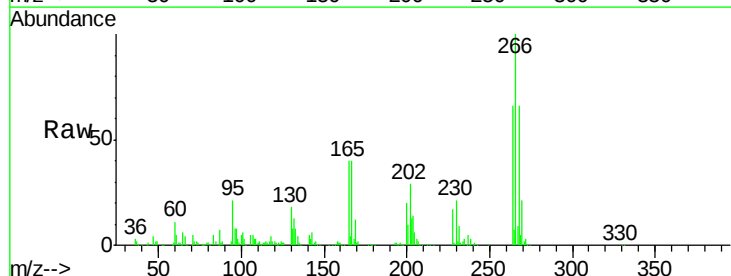


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

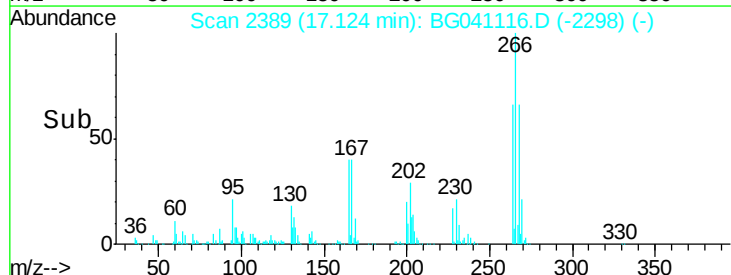
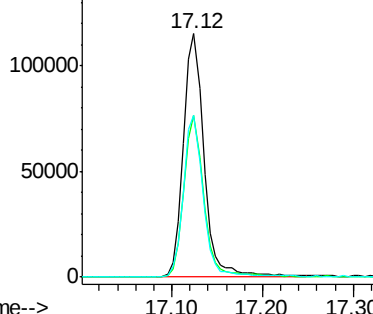


#70
Pentachlorophenol
Concen: 21.666 ng
RT: 17.12 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.2	52.4	78.6
264	66.2	50.5	75.7



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





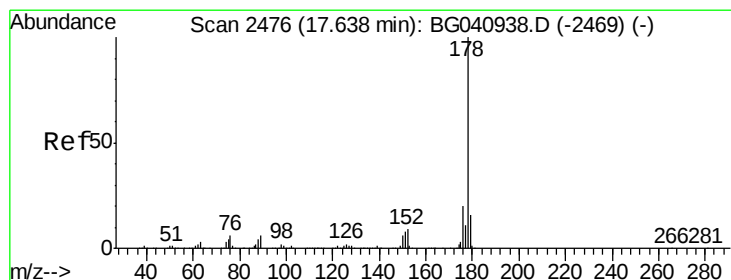
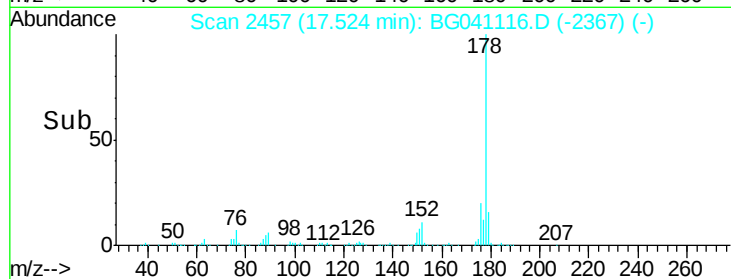
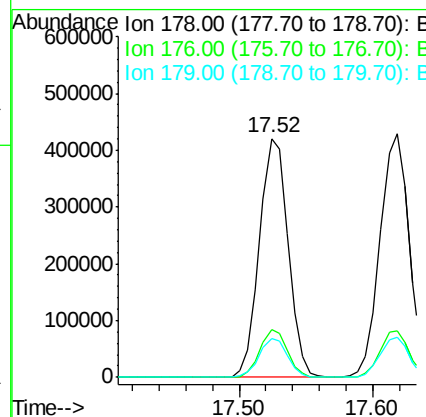
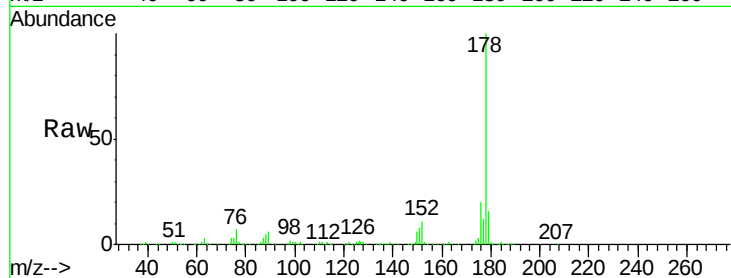
#71
Phenanthrene
Concen: 9.266 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.4	24.6
179	16.4	13.5	20.3

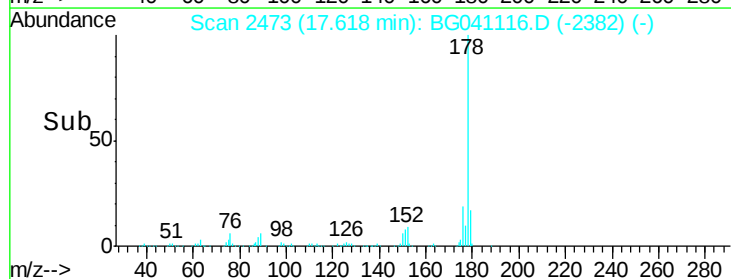
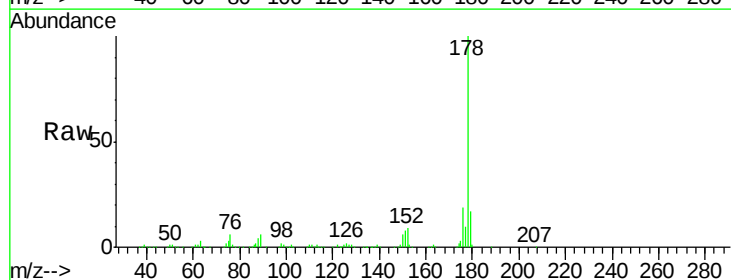
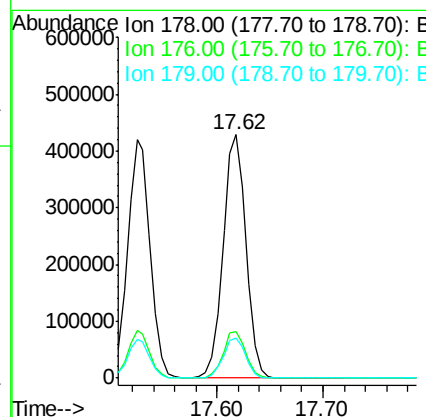
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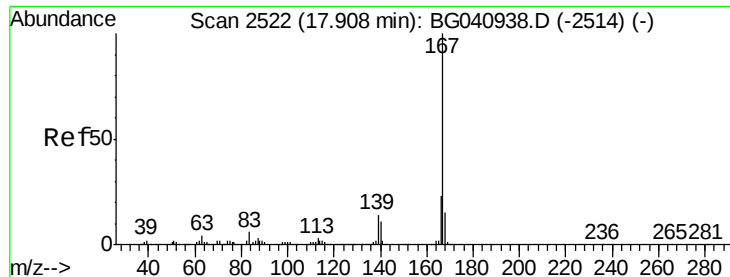
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#72
Anthracene
Concen: 9.711 ng
RT: 17.62 min Scan# 2473
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	16.7	13.0	19.6





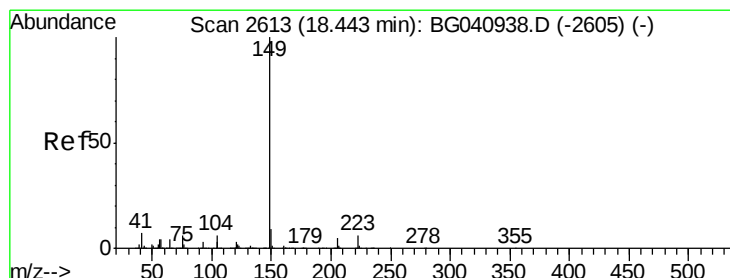
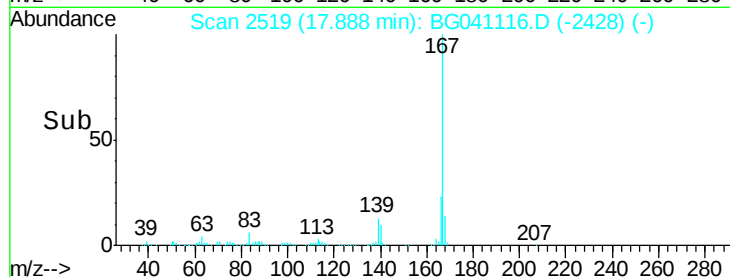
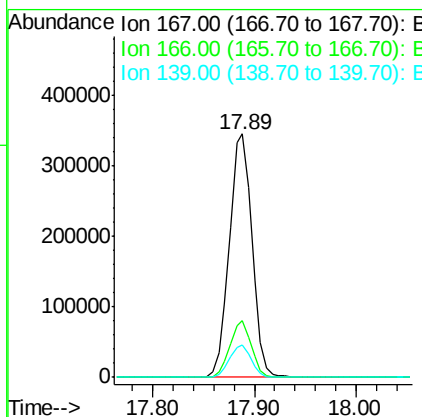
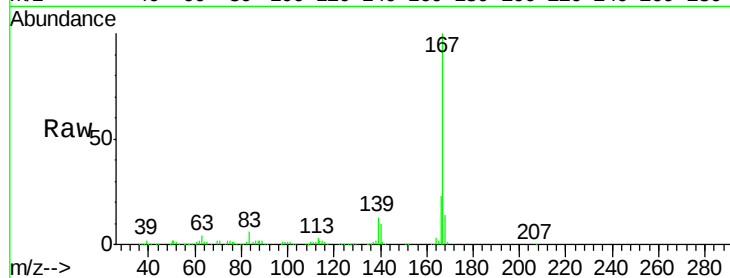
#73
 Carbazole
 Concen: 9.429 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Instrument :
 BNA_G
 ClientSampleId :
 PB120423BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.4	26.2
139	13.5	10.6	15.8

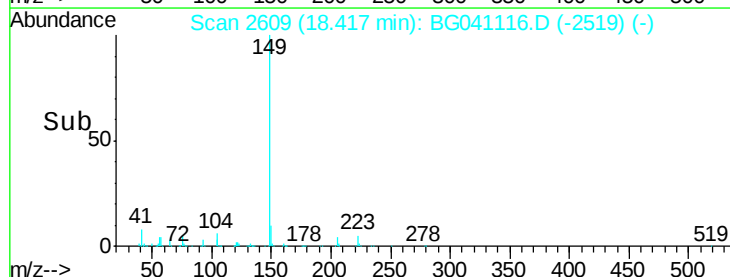
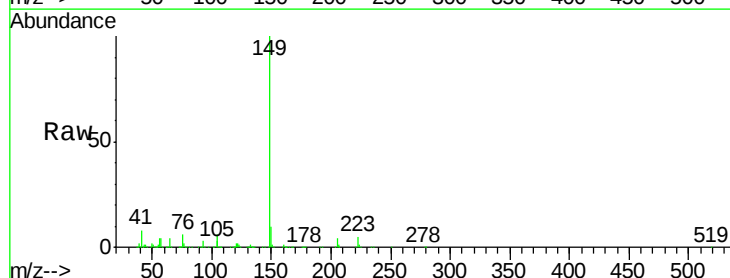
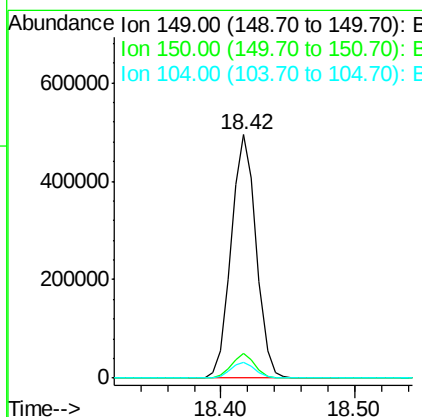
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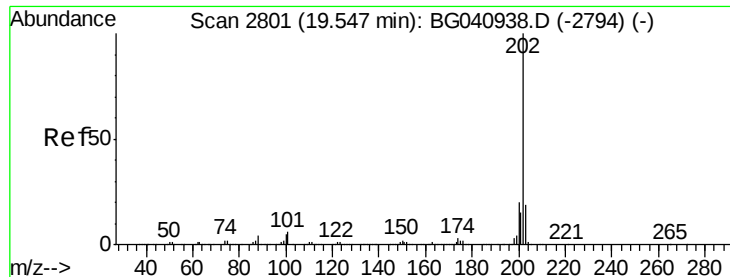
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#74
 Di-n-butylphthalate
 Concen: 9.131 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.00 min
 Lab File: BG041116.D
 Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.5	11.3
104	6.4	5.3	7.9





#75

Fluoranthene

Concen: 9.796 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

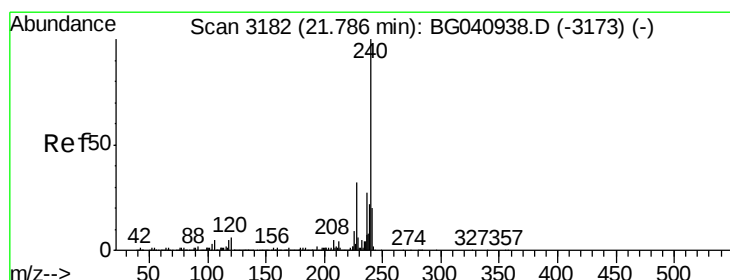
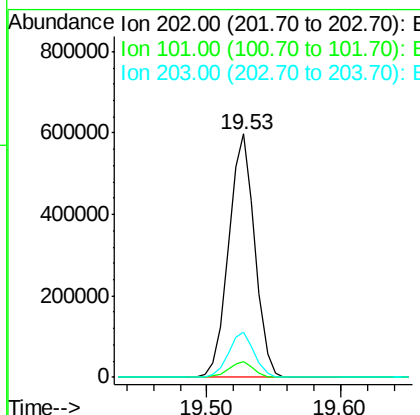
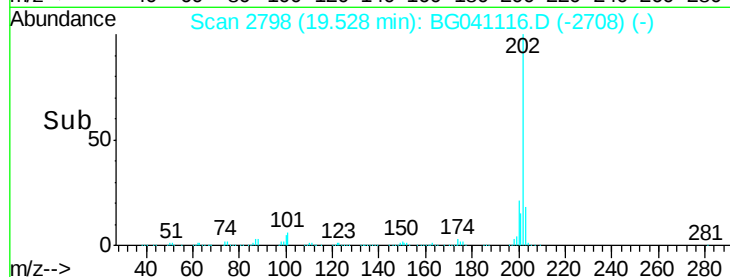
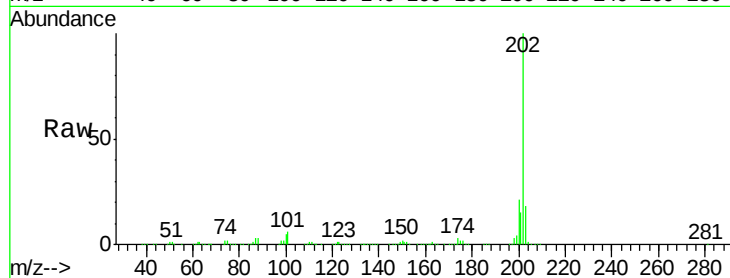
ClientSampleId :

PB120423BS

Tot Ion:	202	Resp:	814465
Ion Ratio		Lower	Upper
202	100		
101	6.3	0.0	26.0
203	18.4	0.0	39.5

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#76

Chrysene-d12

Concen: 20.000 ng

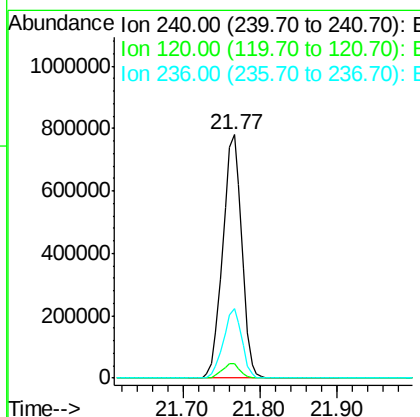
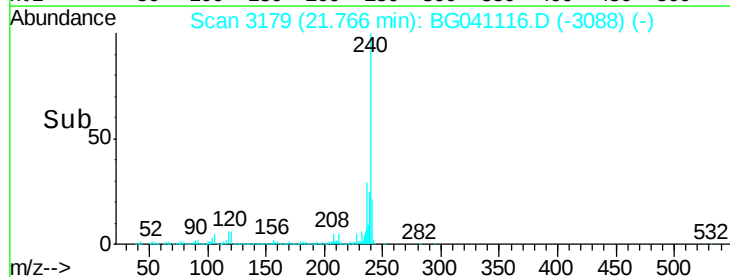
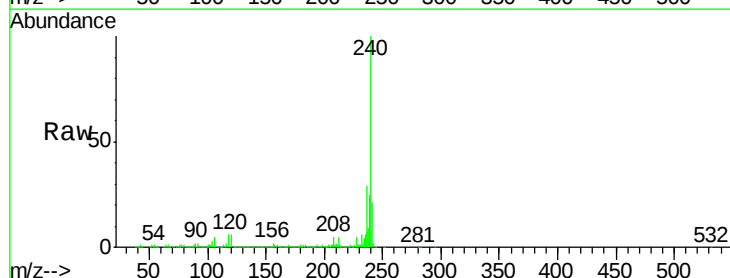
RT: 21.77 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Tgt Ion:	240	Resp:	1333234
Ion Ratio		Lower	Upper
240	100		
120	5.8	4.6	6.8
236	28.6	20.6	31.0





#77

Benzidine

Concen: 7.215 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

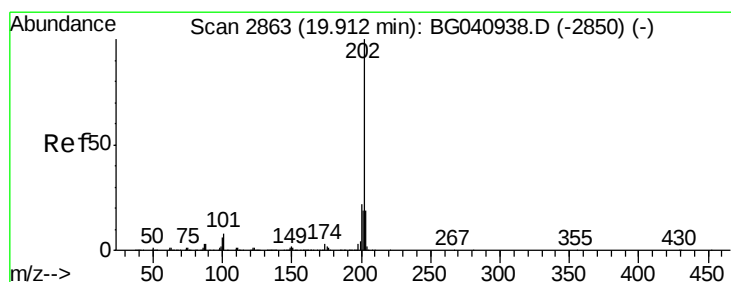
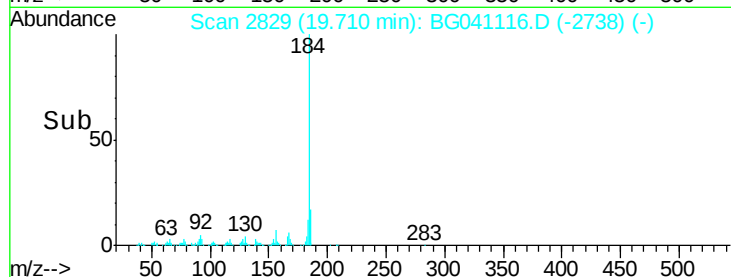
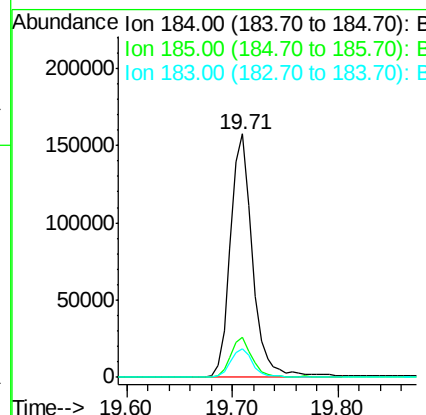
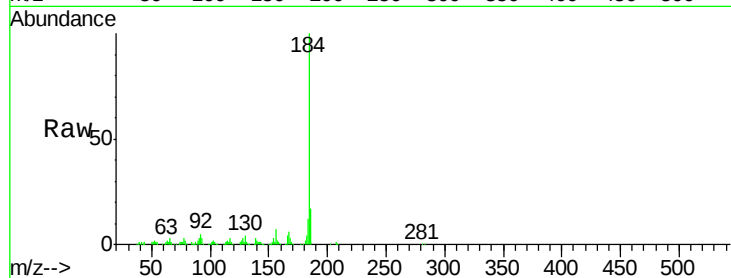
ClientSampleId :

PB120423BS

Tot Ion:	184	Resp:	229484
Ion Ratio	Lower	Upper	
184	100		
185	16.6	12.6	18.8
183	11.9	10.2	15.4

Manual Integrations
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#78

Pyrene

Concen: 9.411 ng

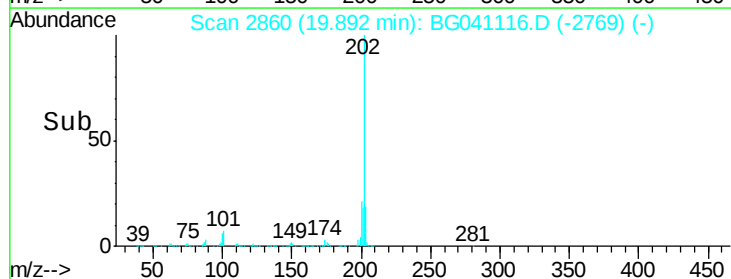
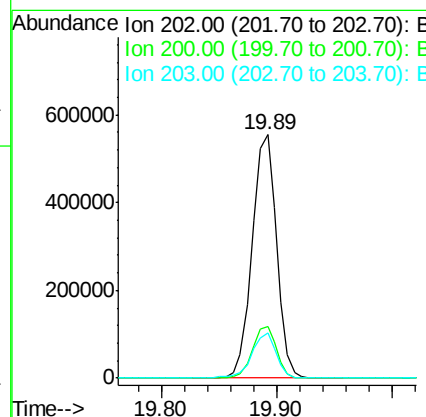
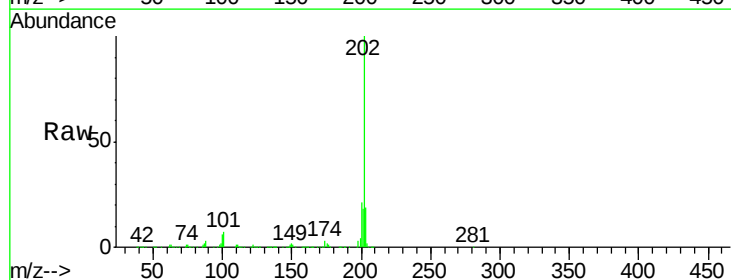
RT: 19.89 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Tgt Ion:	202	Resp:	815659
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.2	25.8
203	18.8	13.9	20.9





#79

Terphenyl-d14

Concen: 57.773 ng

RT: 20.09 min Scan# 2893

Delta R.T. 0.01 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

ClientSampled :

PB120423BS

Tot Ion:244 Resp: 3629242

Ion Ratio Lower Upper

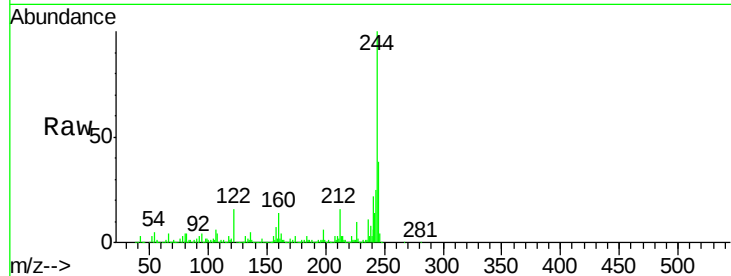
244 100

212 15.8 6.9 10.3#

122 15.8 5.4 8.0#

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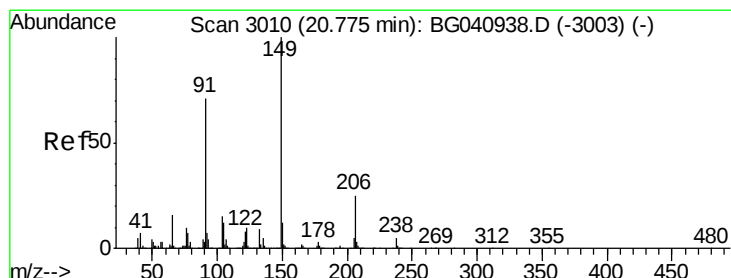
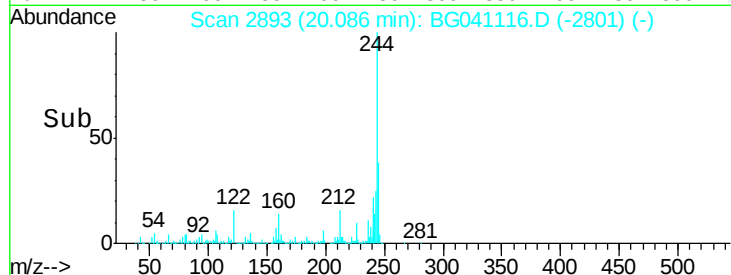
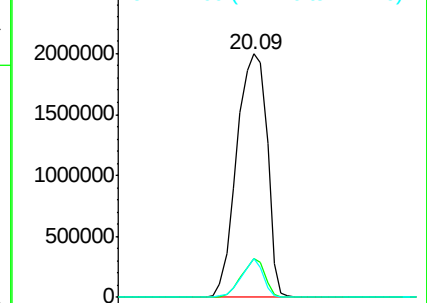
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 8.833 ng

RT: 20.76 min Scan# 3007

Delta R.T. -0.00 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

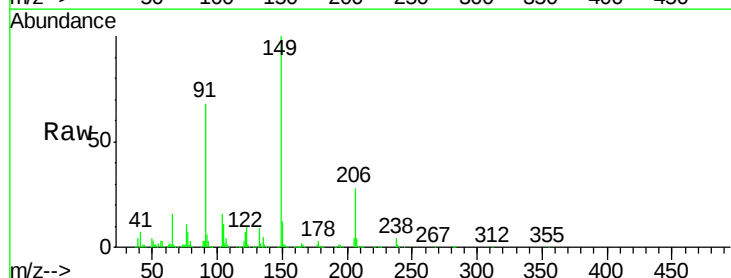
Tgt Ion:149 Resp: 297903

Ion Ratio Lower Upper

149 100

91 68.2 54.4 81.6

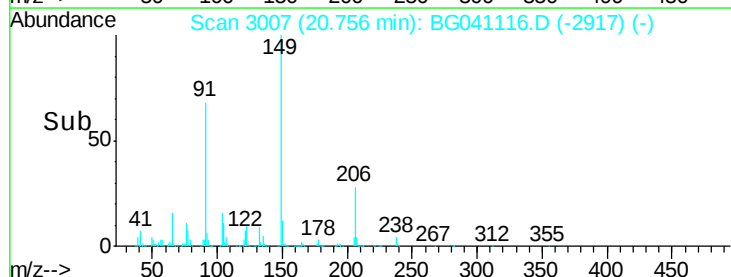
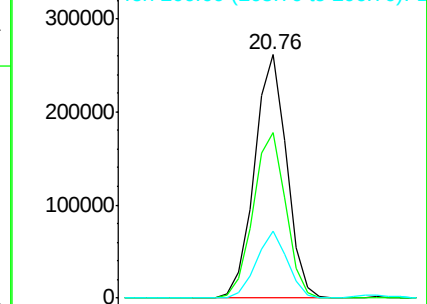
206 27.6 22.2 33.2

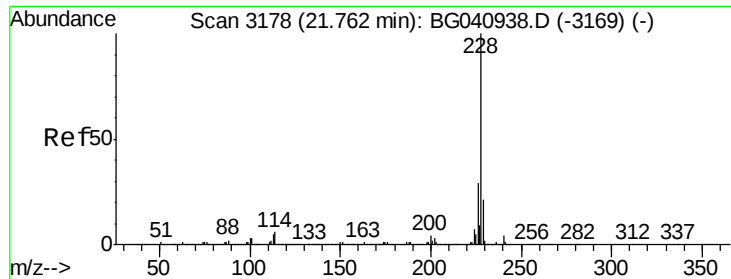


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





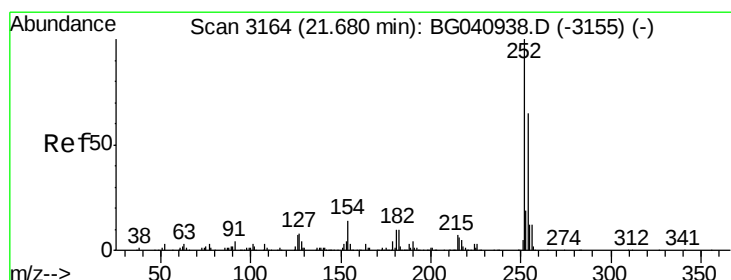
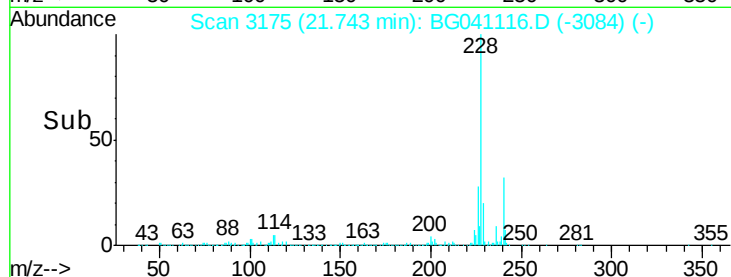
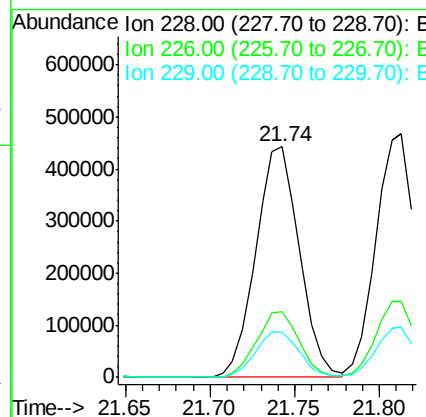
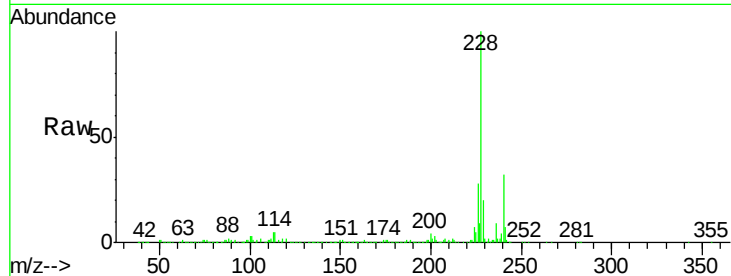
#81
Benzo(a)anthracene
Concen: 8.951 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.2	33.4
229	19.7	16.6	25.0

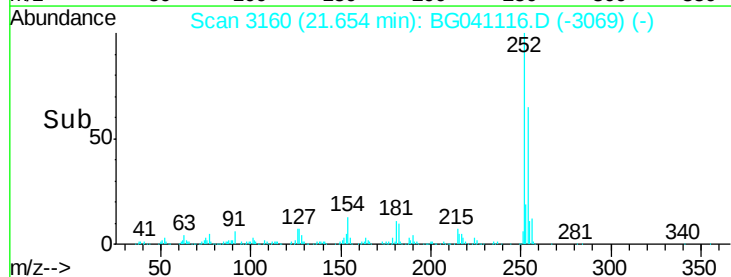
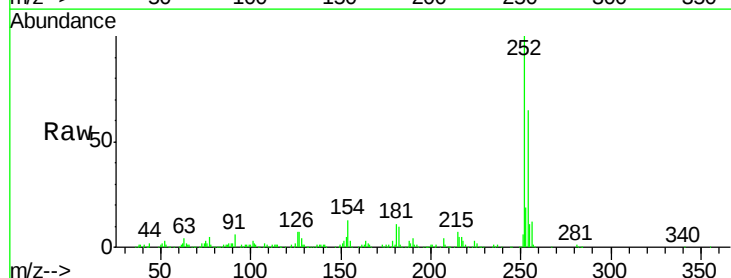
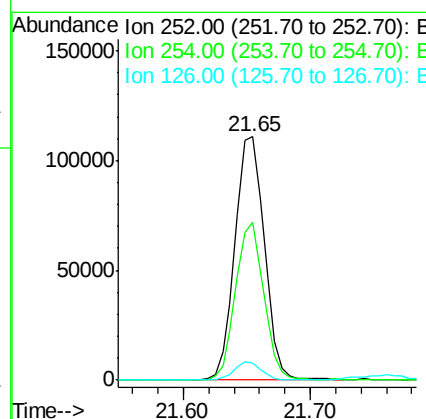
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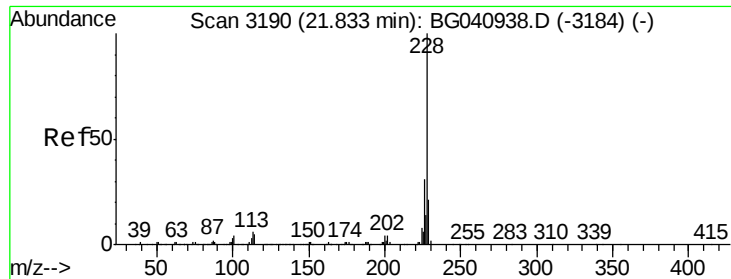
mohammad
6/11/2019 8:54:37 AM



#82
3,3'-Dichlorobenzidine
Concen: 5.718 ng
RT: 21.65 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.3	78.5
126	7.0	6.2	9.2





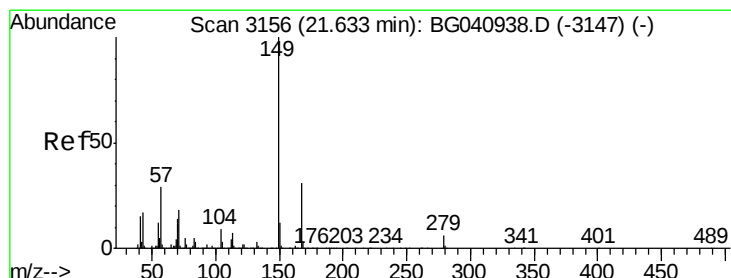
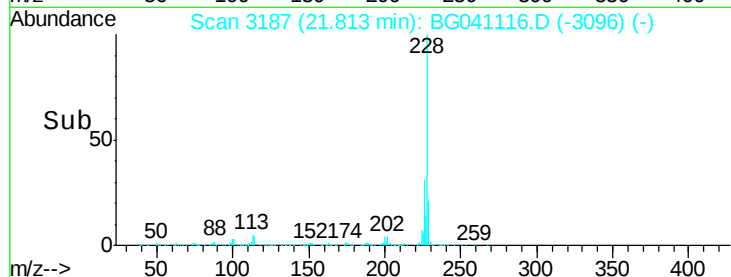
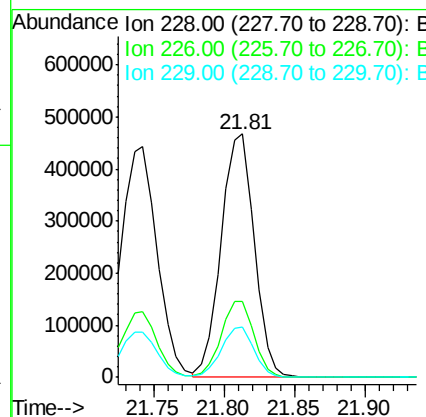
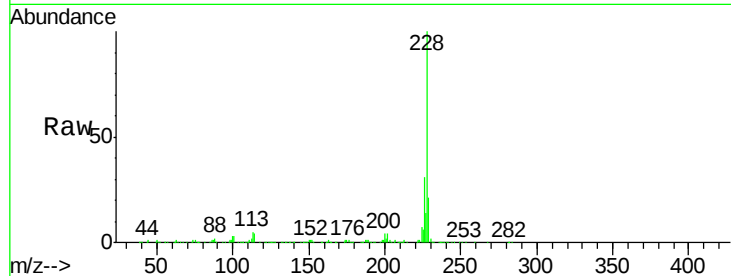
#83
Chrysene
Concen: 8.961 ng
RT: 21.81 min Scan# 3187
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.8	38.6
229	20.6	17.0	25.4

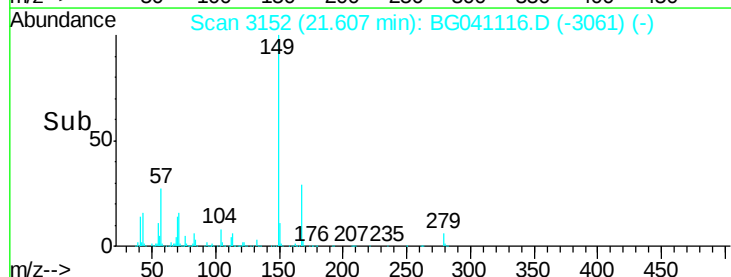
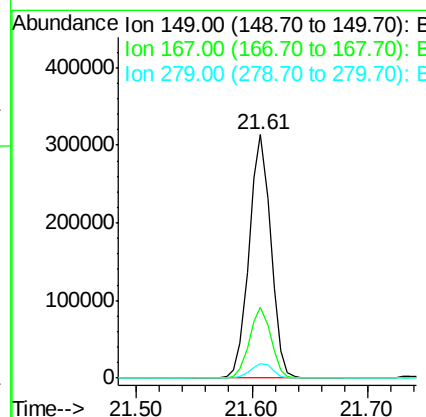
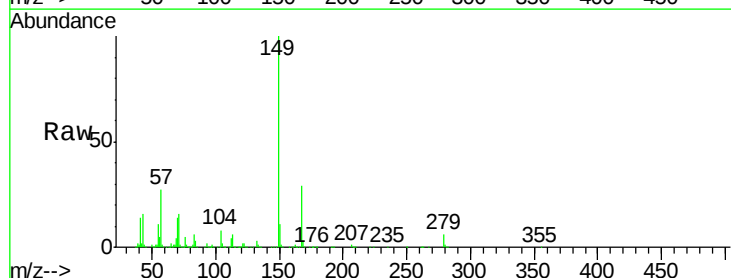
Manual Integrations
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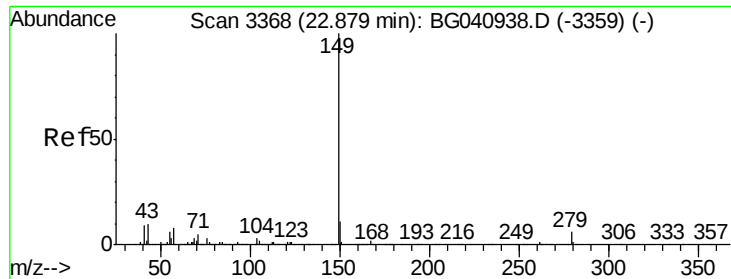
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 8.591 ng
RT: 21.61 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	24.4	36.6
279	6.0	4.9	7.3





#85

Di-n-octyl phthalate

Concen: 8.800 ng

RT: 22.85 min Scan# 3363

Delta R.T. -0.00 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

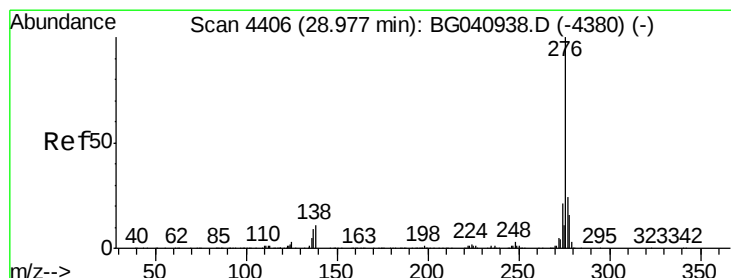
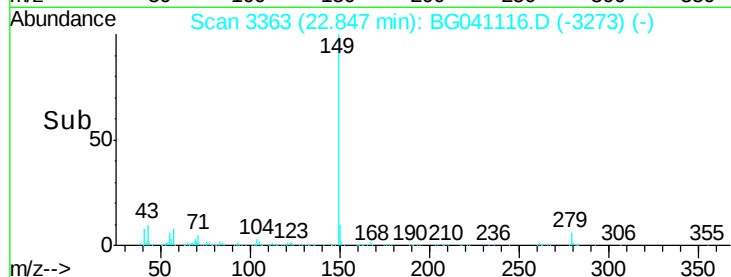
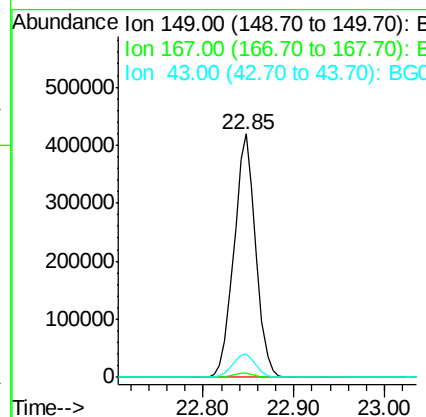
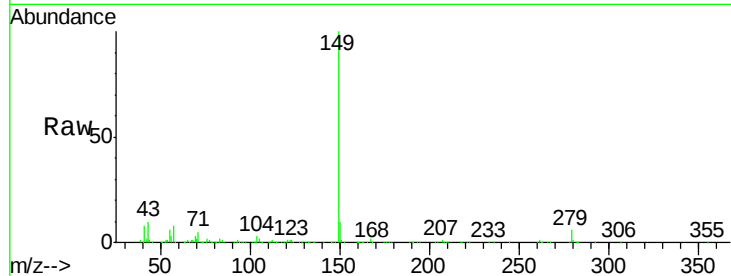
ClientSampleId :

PB120423BS

Tot Ion:	149	Resp:	695822
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	10.0	8.0	12.0

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 8.715 ng

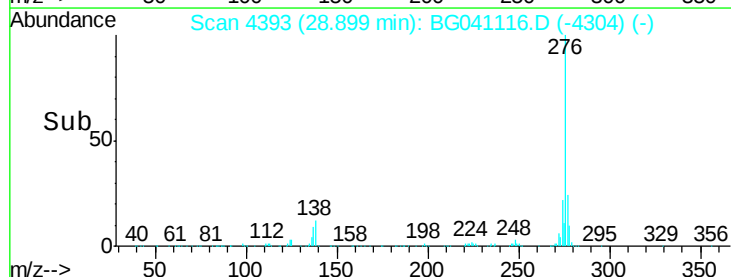
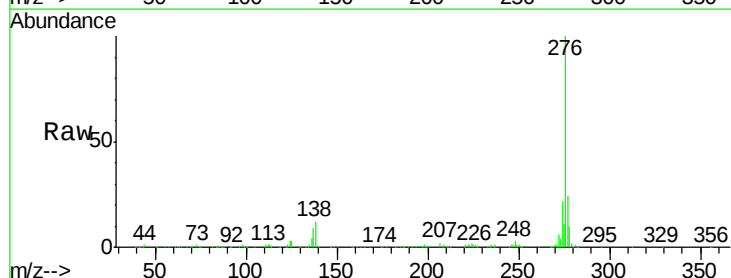
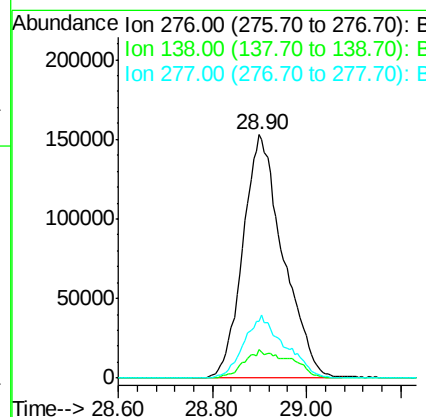
RT: 28.90 min Scan# 4393

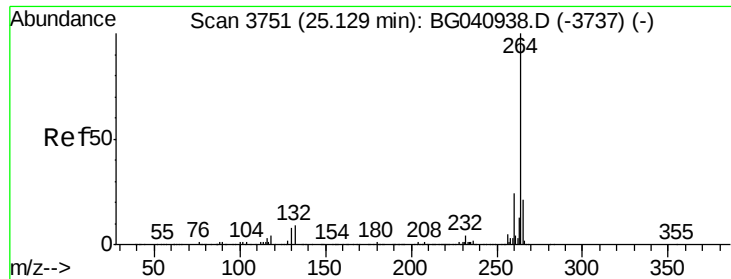
Delta R.T. -0.01 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Tgt Ion:	276	Resp:	906709
Ion Ratio	Lower	Upper	
276	100		
138	9.2	7.4	11.0
277	26.2	20.6	31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3746

Delta R.T. 0.01 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120423BS

Tot Ion:264 Resp: 1532500

Ion Ratio Lower Upper

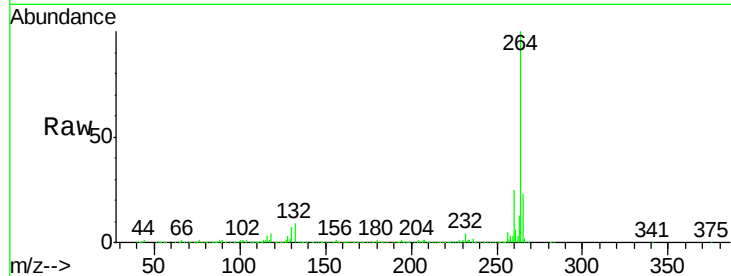
264 100

260 25.2 19.1 28.7

265 22.9 17.6 26.4

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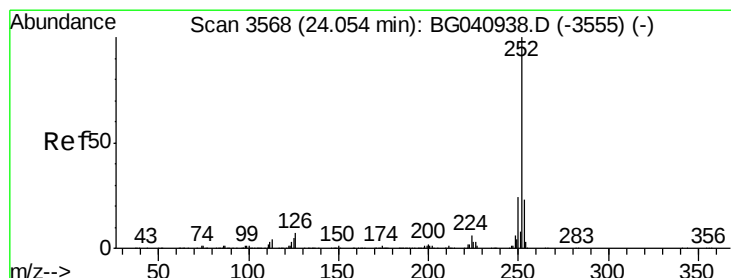
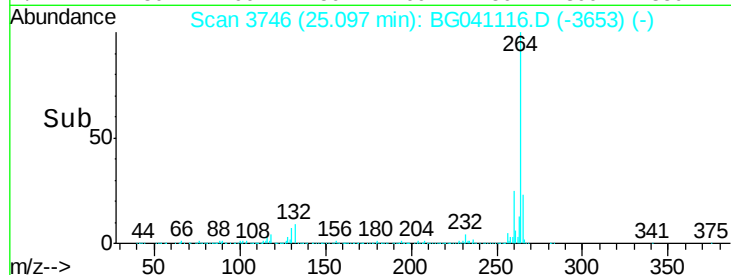
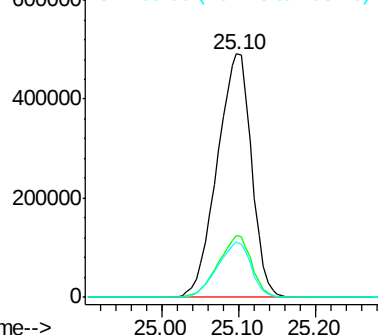
mohammad
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 8.427 ng

RT: 24.02 min Scan# 3562

Delta R.T. -0.01 min

Lab File: BG041116.D

Acq: 8 Jun 2019 2:51

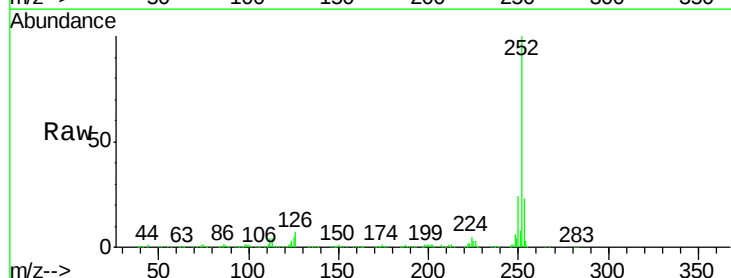
Tgt Ion:252 Resp: 783295

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

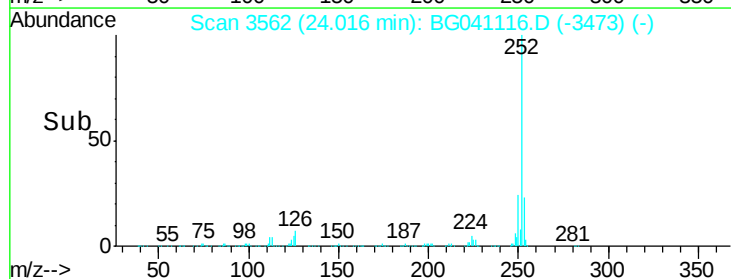
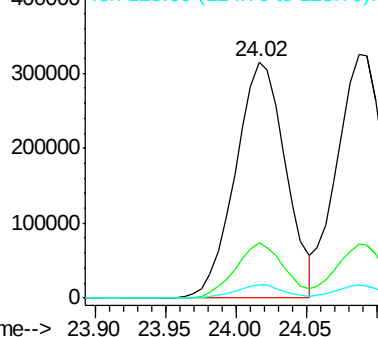
125 5.4 4.1 6.1

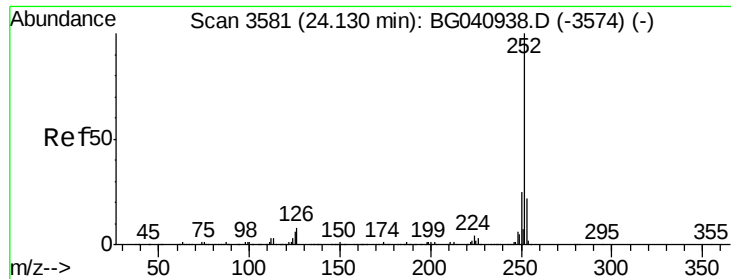


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





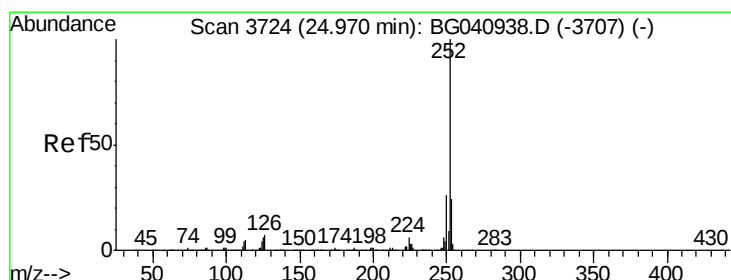
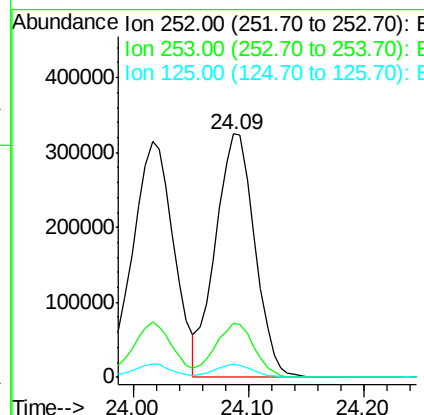
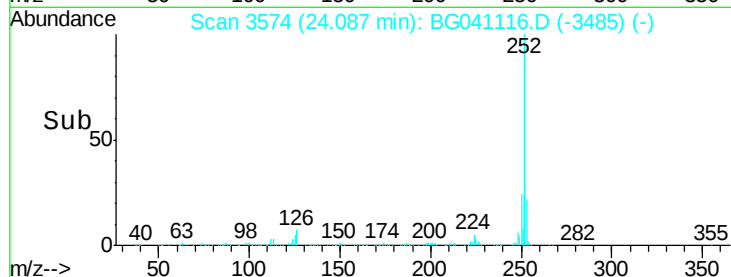
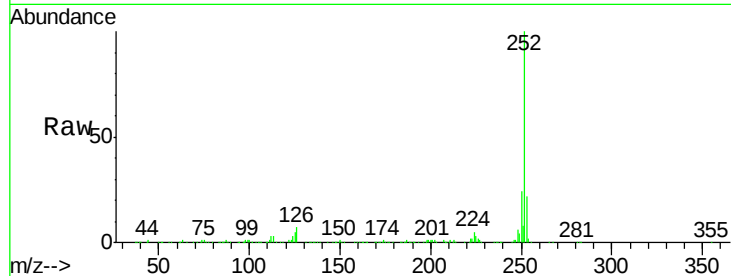
#89
Benzo(k)fluoranthene
Concen: 8.302 ng
RT: 24.09 min Scan# 3574
Delta R.T. -0.01 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	27.8
125	5.2	4.1	6.1

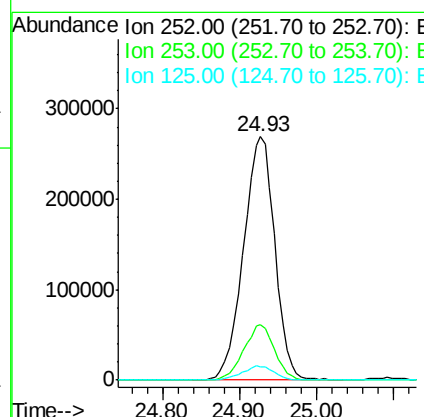
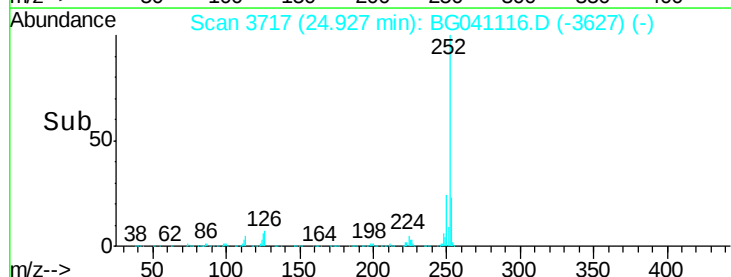
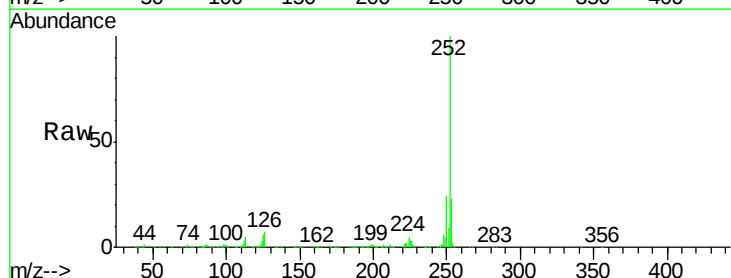
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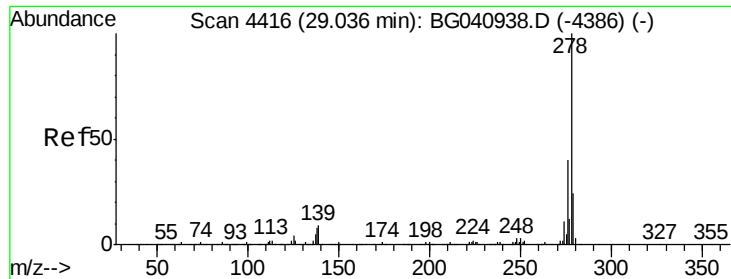
mohammad
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#90
Benzo(a)pyrene
Concen: 8.637 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	5.6	4.7	7.1





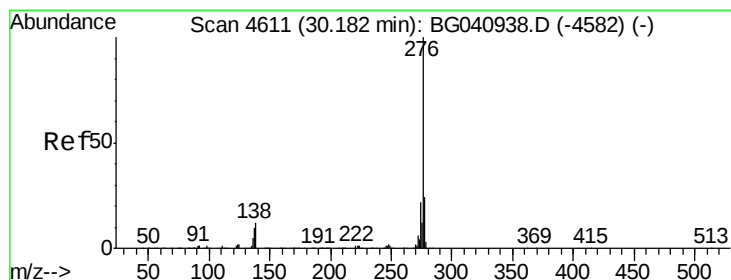
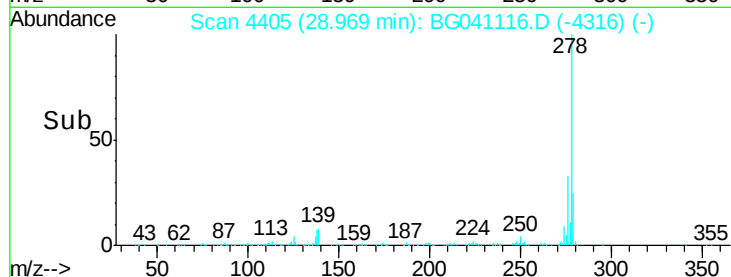
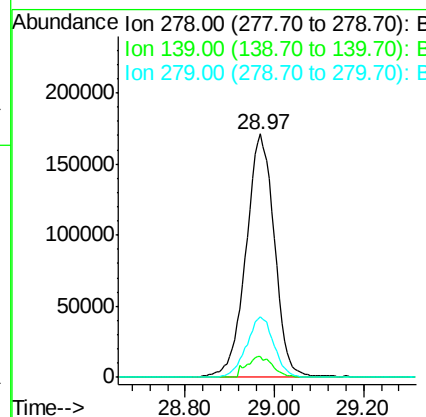
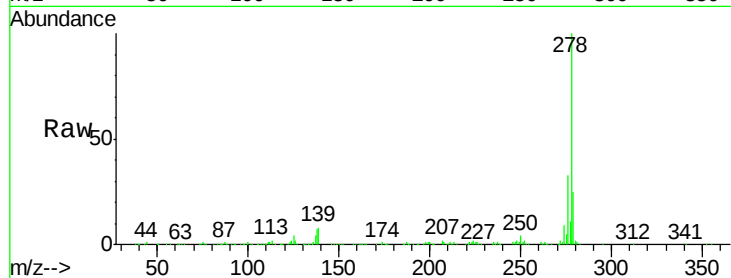
#91
Dibenzo(a,h)anthracene
Concen: 8.460 ng
RT: 28.97 min Scan# 4405
Delta R.T. -0.01 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120423BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.4	7.0	10.6
279	24.8	19.4	29.2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 8.759 ng
RT: 30.11 min Scan# 4599
Delta R.T. -0.00 min
Lab File: BG041116.D
Acq: 8 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	10.9	9.1	13.7

