

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
 Data File : BG038167.D
 Acq On : 27 Nov 2018 15:01
 Operator : JU/SJ
 Sample : PB115084BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115084BS

Manual Integrations
 APPROVED

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 11/28/2018 4:57:24 PM

Quant Time: Nov 27 15:43:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	39857	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	176467	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	112633	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	267779	20.00	ng	0.00
76) Chrysene-d12	21.76	240	247487	20.00	ng	0.00
87) Perylene-d12	25.09	264	239233	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	358615	155.35	ng	0.00
7) Phenol-d6	7.24	99	478140	145.10	ng	0.00
23) Nitrobenzene-d5	9.27	82	230527	69.93	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	174769	136.05	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	499654	64.63	ng	0.00
79) Terphenyl-d14	20.07	244	792744	75.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	38812	35.595	ng	99
3) Pyridine	3.92	79	107429	34.539	ng	98
4) n-Nitrosodimethylamine	3.84	42	58619	51.947	ng	# 87
6) Aniline	7.41	93	153888	36.184	ng	95
8) 2-Chlorophenol	7.65	128	130986	48.901	ng	97
9) Benzaldehyde	7.23	77	59469	24.956	ng	98
10) Phenol	7.27	94	174247	49.923	ng	96
11) bis(2-Chloroethyl)ether	7.51	93	124886	43.828	ng	98
12) 1,3-Dichlorobenzene	7.97	146	130556	42.309	ng	100
13) 1,4-Dichlorobenzene	8.12	146	135433	43.448	ng	98
14) 1,2-Dichlorobenzene	8.44	146	127459	42.829	ng	99
15) Benzyl Alcohol	8.33	79	120123	50.379	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.60	45	261813	49.481	ng	97
17) 2-Methylphenol	8.52	107	120001	50.853	ng	97
18) Hexachloroethane	9.17	117	50067	44.134	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	102270	42.893	ng	# 98
20) 3+4-Methylphenols	8.85	107	162373	48.539	ng	98
22) Acetophenone	8.92	105	193626	44.100	ng	# 100
24) Nitrobenzene	9.31	77	157590	46.731	ng	98
25) Isophorone	9.82	82	288520	48.625	ng	96
26) 2-Nitrophenol	10.02	139	75555	44.879	ng	96
27) 2,4-Dimethylphenol	10.06	122	135238	53.316	ng	98
28) bis(2-Chloroethoxy)methane	10.31	93	175815	46.338	ng	98
29) 2,4-Dichlorophenol	10.55	162	136669	47.902	ng	99
30) 1,2,4-Trichlorobenzene	10.76	180	138818	43.419	ng	97
31) Naphthalene	10.96	128	408374	47.050	ng	99
32) Benzoic acid	10.21	122	68489	43.492	ng	93
33) 4-Chloroaniline	11.07	127	114344	28.321	ng	98
34) Hexachlorobutadiene	11.22	225	83982	42.680	ng	96
35) Caprolactam	11.86	113	50996m	44.655	ng	
36) 4-Chloro-3-methylphenol	12.17	107	148128	47.522	ng	95
37) 2-Methylnaphthalene	12.56	142	298782	47.924	ng	98
38) 1-Methylnaphthalene	12.77	142	285994	47.656	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	155339	41.273	ng	99

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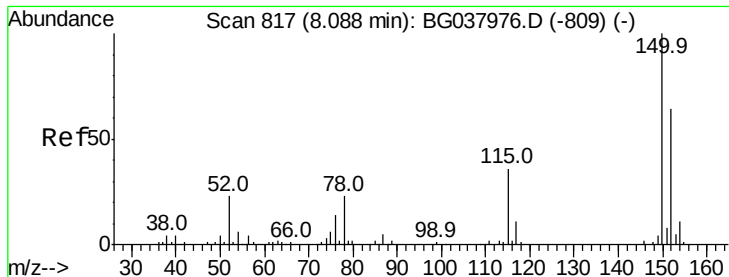
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	182109	90.360	ng	99
43) 2,4,6-Trichlorophenol	13.15	196	112455	43.847	ng	100
44) 2,4,5-Trichlorophenol	13.23	196	120693	44.725	ng	97
46) 1,1'-Biphenyl	13.55	154	382301	40.402	ng	99
47) 2-Chloronaphthalene	13.61	162	304352	42.150	ng	99
48) 2-Nitroaniline	13.82	65	109391	48.136	ng	97
49) Acenaphthylene	14.45	152	503235	46.346	ng	99
50) Dimethylphthalate	14.17	163	391874	43.887	ng	99
51) 2,6-Dinitrotoluene	14.31	165	91448	45.250	ng	96
52) Acenaphthene	14.79	154	288670	44.160	ng	99
53) 3-Nitroaniline	14.64	138	78893	35.378	ng	# 96
54) 2,4-Dinitrophenol	14.84	184	80403	74.446	ng	87
55) Dibenzofuran	15.12	168	468198	43.315	ng	98
56) 4-Nitrophenol	14.93	139	151849	88.289	ng	93
57) 2,4-Dinitrotoluene	15.09	165	128602	46.770	ng	98
58) Fluorene	15.77	166	378131	46.886	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	107936	47.800	ng	97
60) Diethylphthalate	15.53	149	408561	43.078	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	195465	41.421	ng	99
62) 4-Nitroaniline	15.80	138	100640	45.429	ng	97
63) Azobenzene	16.05	77	386505	45.579	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	68673	40.546	ng	90
66) n-Nitrosodiphenylamine	15.97	169	343959	42.459	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	123459	42.006	ng	95
68) Hexachlorobenzene	16.77	284	128242	42.272	ng	99
69) Atrazine	16.91	200	130780	43.793	ng	99
70) Pentachlorophenol	17.11	266	153866	74.677	ng	96
71) Phenanthrene	17.51	178	628245	45.824	ng	99
72) Anthracene	17.61	178	642489	47.541	ng	98
73) Carbazole	17.88	167	589807	43.500	ng	100
74) Di-n-butylphthalate	18.41	149	703614	46.228	ng	98
75) Fluoranthene	19.52	202	757119	48.403	ng	100
77) Benzidine	19.71	184	287365	33.091	ng	99
78) Pyrene	19.89	202	749797	46.338	ng	99
80) Butylbenzylphthalate	20.75	149	328151	46.374	ng	99
81) Benzo(a)anthracene	21.74	228	709436	47.435	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	198686	34.104	ng	99
83) Chrysene	21.81	228	657776	45.968	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	464199	46.000	ng	98
85) Di-n-octyl phthalate	22.84	149	791276	48.468	ng	99
86) Indeno(1,2,3-cd)pyrene	28.90	276	754639	47.483	ng	# 91
88) Benzo(b)fluoranthene	24.02	252	695699	52.844	ng	100
89) Benzo(k)fluoranthene	24.09	252	680562	52.389	ng	99
90) Benzo(a)pyrene	24.93	252	685573	54.490	ng	98
91) Dibenzo(a,h)anthracene	28.97	278	616510	50.927	ng	97
92) Benzo(g,h,i)perylene	30.11	276	604607	50.230	ng	97

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



#1

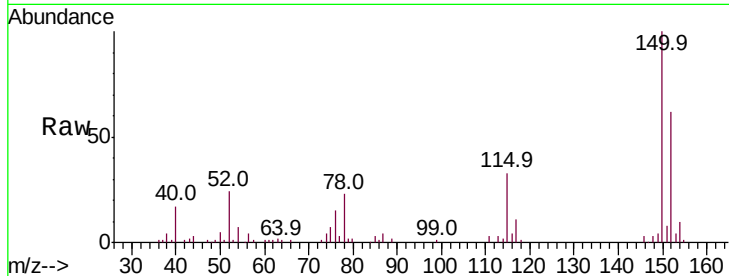
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Instrument :
BNA_G
ClientSampleId :
PB115084BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	126.0	189.0
115	54.1	45.5	68.3

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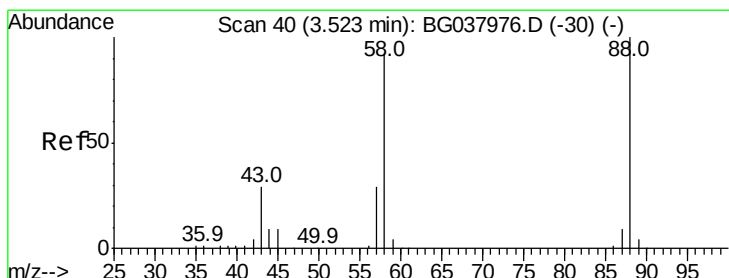
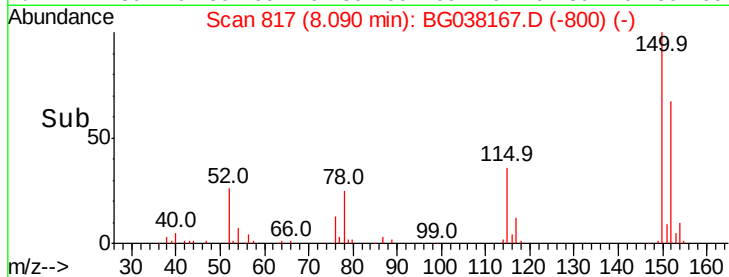
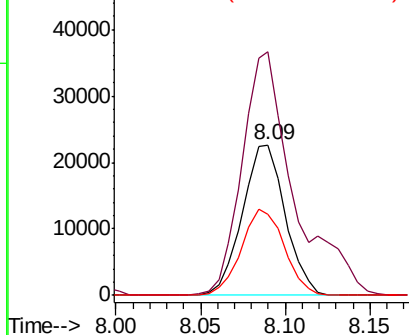


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

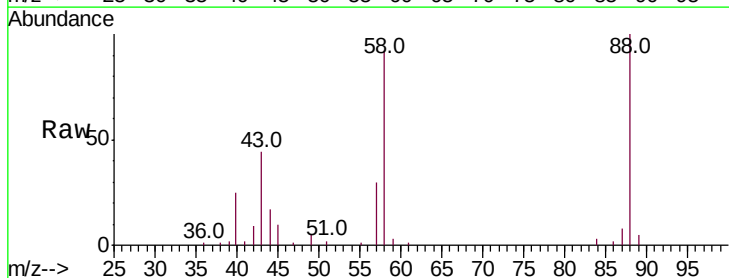
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.595 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.2	74.4	111.6
43	32.3	25.8	38.8

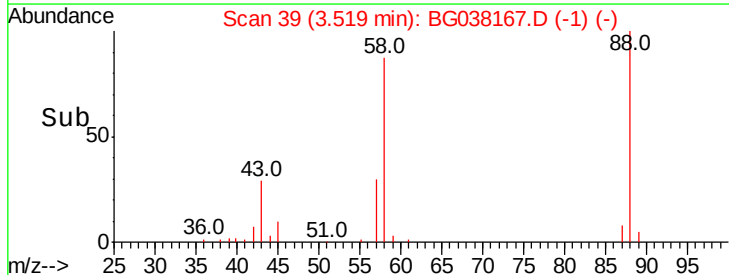
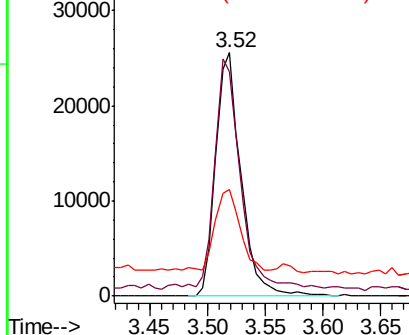


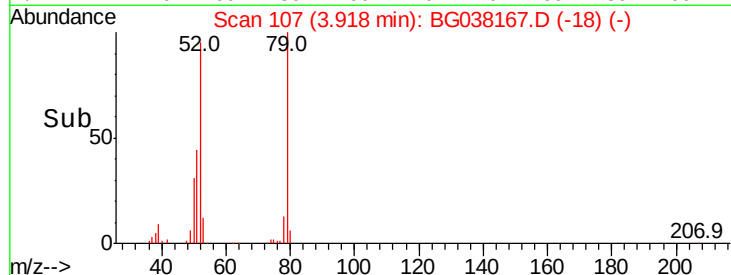
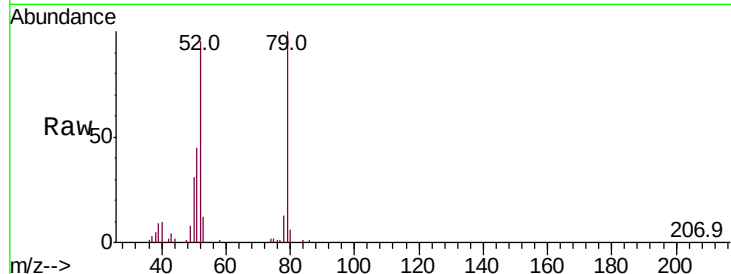
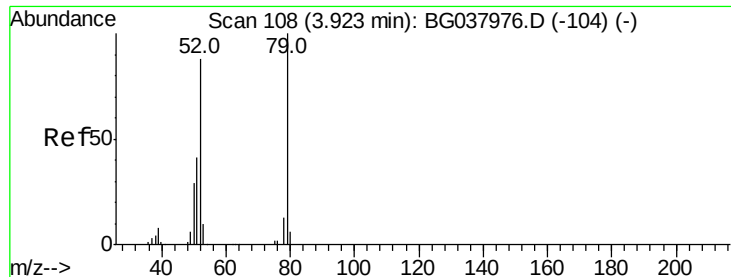
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





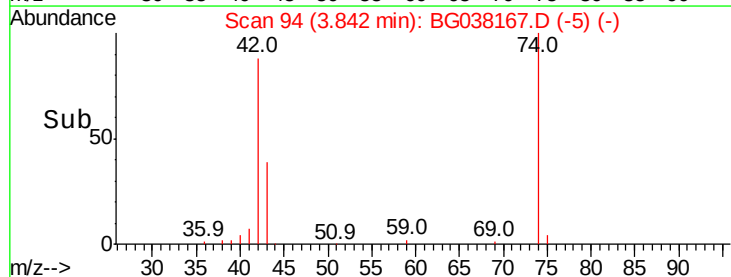
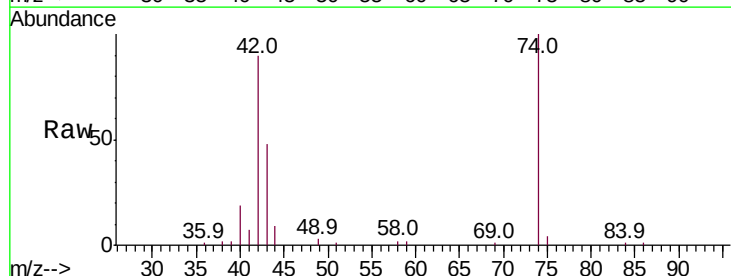
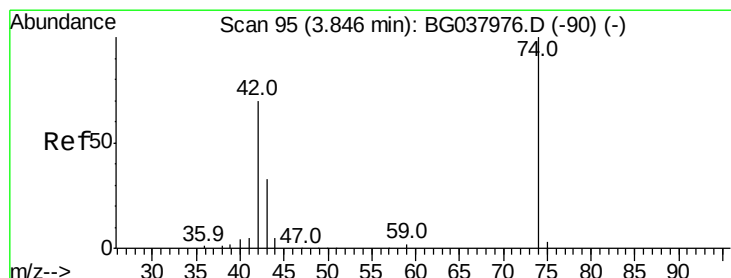
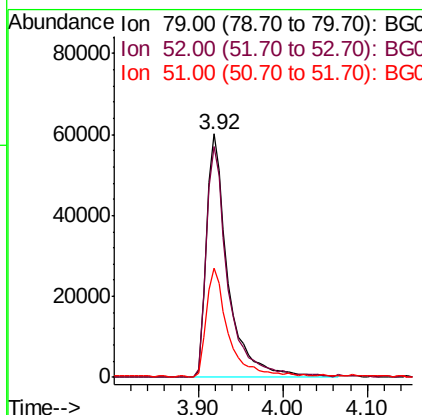
#3
Pvridine
Concen: 34.539 ng
RT: 3.92 min Scan# 107
Delta R.T. -0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Tot Ion	Ratio	Lower	Upper
79	100		
52	94.9	74.2	111.2
51	45.0	34.6	51.8

Instrument :
BNA_G
ClientSampleId :
PB115084BS

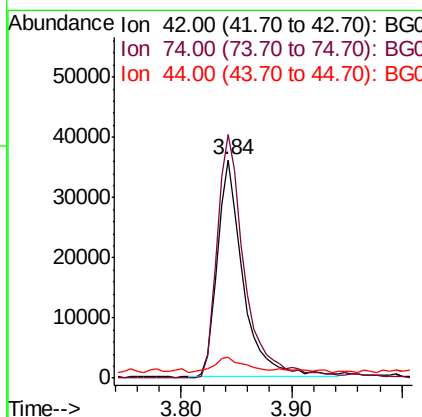
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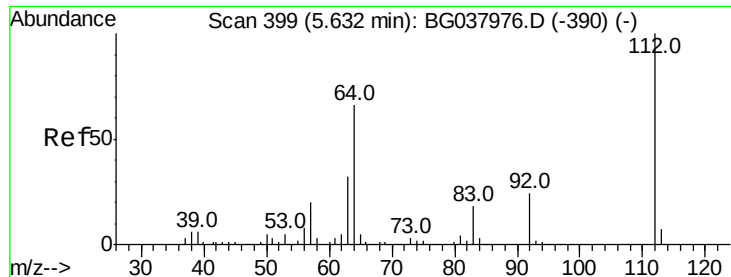
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#4
n-Nitrosodimethylamine
Concen: 51.947 ng
RT: 3.84 min Scan# 94
Delta R.T. -0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.5	102.0	153.0
44	9.5	9.6	14.4





#5

2-Fluorophenol

Concen: 155.348 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Instrument :

BNA_G

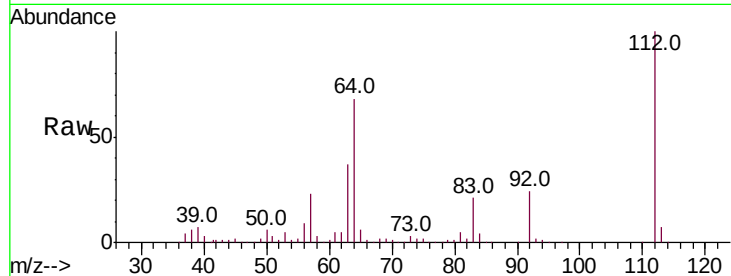
ClientSampleId :

PB115084BS

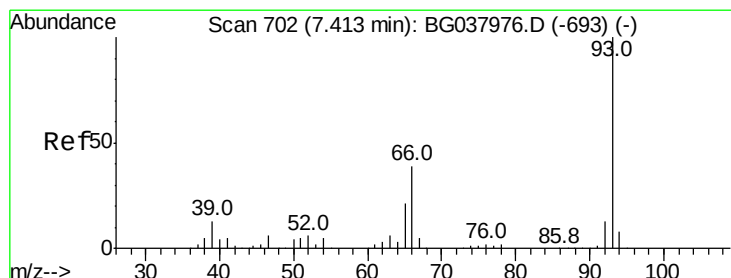
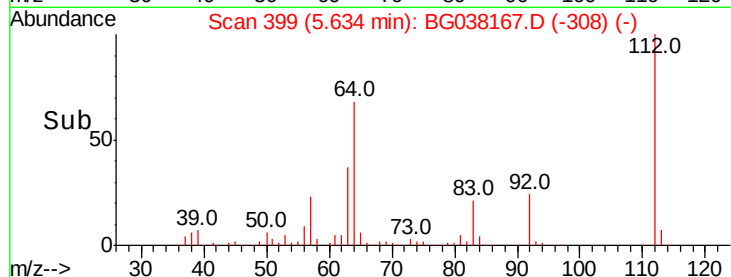
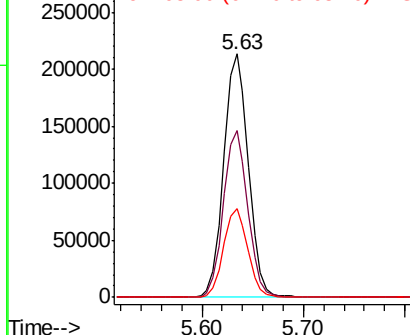
Tot Ion:	112	Resp:	358615
Ion Ratio	Lower	Upper	
112	100		
64	68.3	53.1	79.7
63	36.7	27.3	40.9

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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: 36.184 ng

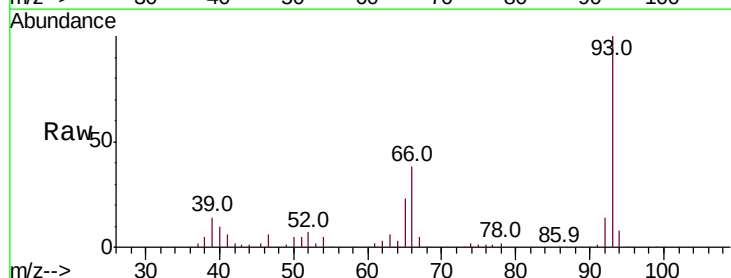
RT: 7.41 min Scan# 702

Delta R.T. 0.00 min

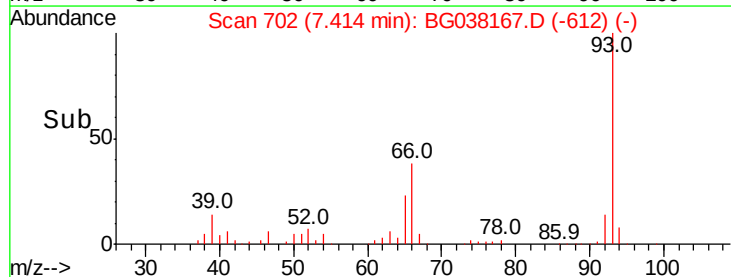
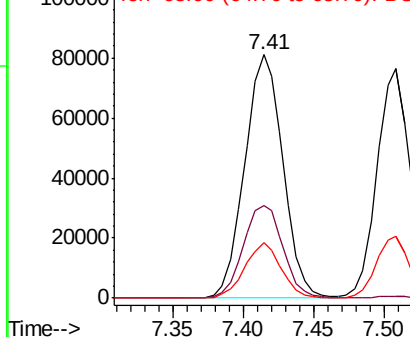
Lab File: BG038167.D

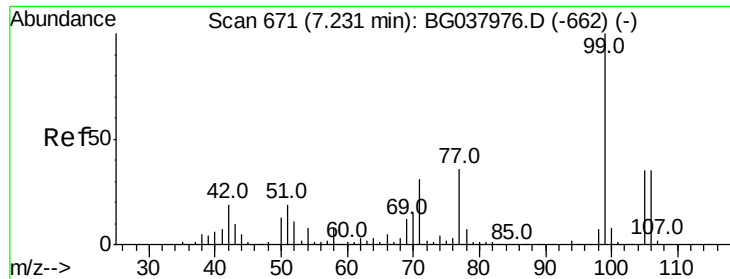
Acq: 27 Nov 2018 15:01

Tgt Ion:	93	Resp:	153888
Ion Ratio	Lower	Upper	
93	100		
66	37.9	32.8	49.2
65	22.7	16.4	24.6



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: 145.103 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Instrument :

BNA_G

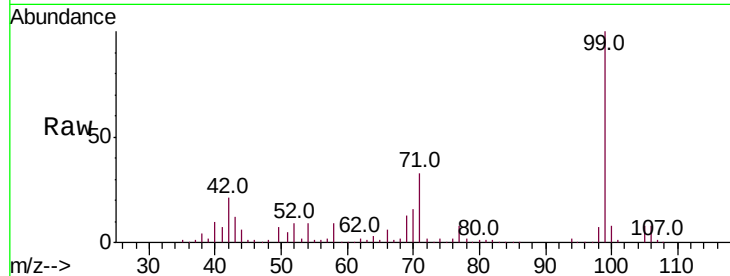
ClientSampleId :

PB115084BS

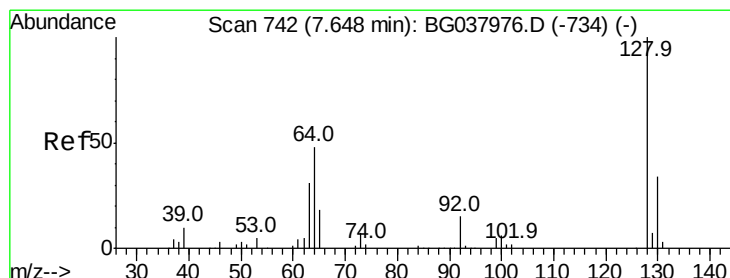
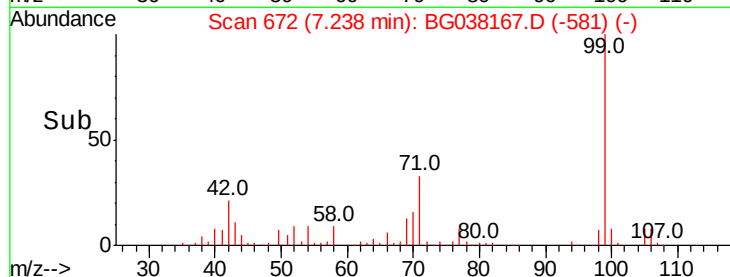
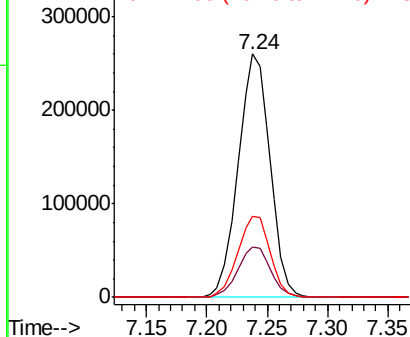
Tot Ion:	99	Resp:	478140
Ion Ratio	Lower	Upper	
99	100		
42	20.9	15.0	22.4
71	33.2	25.5	38.3

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 48.901 ng

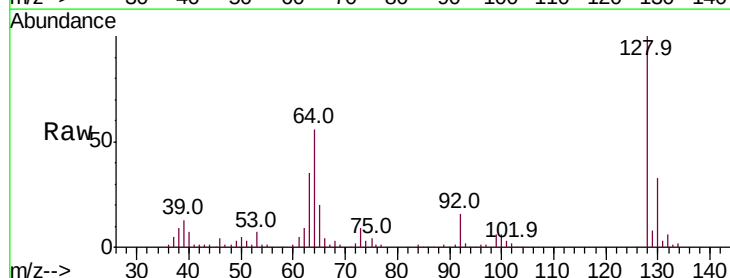
RT: 7.65 min Scan# 742

Delta R.T. 0.00 min

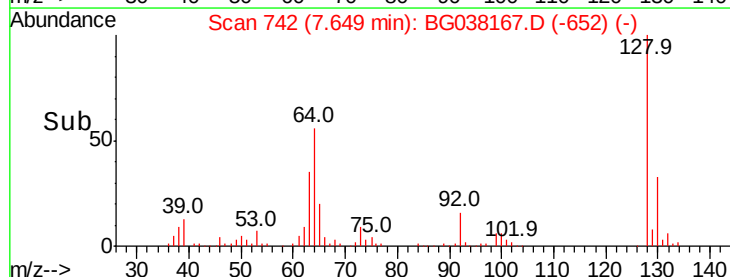
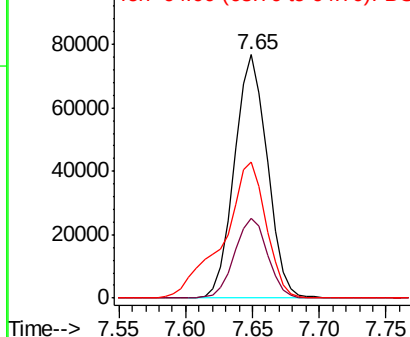
Lab File: BG038167.D

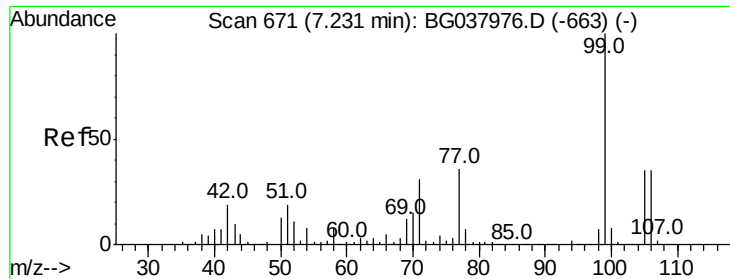
Acq: 27 Nov 2018 15:01

Tgt Ion:	128	Resp:	130986
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.0	52.0
64	55.7	32.9	72.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 24.956 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Instrument :

BNA_G

ClientSampleId :

PB115084BS

Tot Ion: 77 Resp: 59469

Ion Ratio Lower Upper

77 100

105 96.2 72.6 112.6

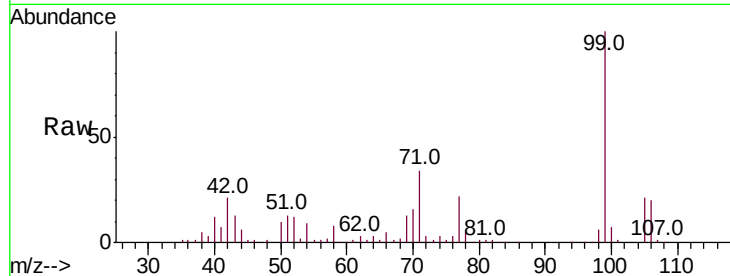
106 91.9 71.3 111.3

Manual Integrations

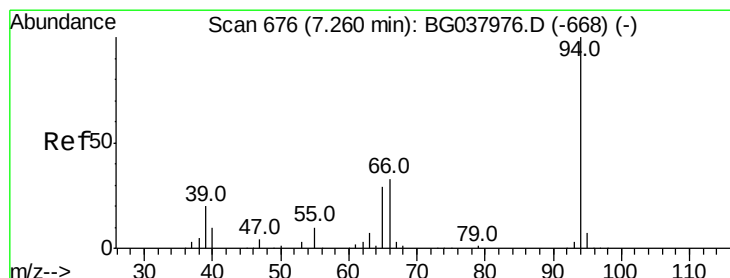
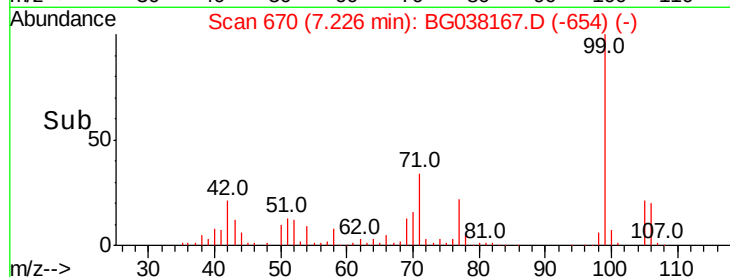
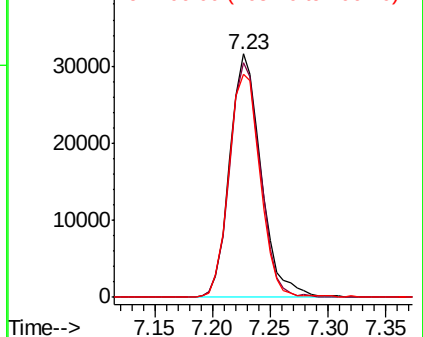
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 49.923 ng

RT: 7.27 min Scan# 677

Delta R.T. 0.01 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

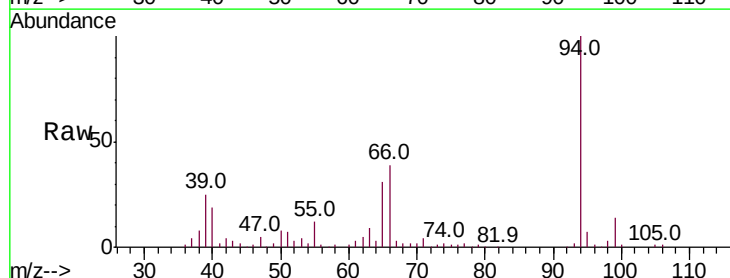
Tgt Ion: 94 Resp: 174247

Ion Ratio Lower Upper

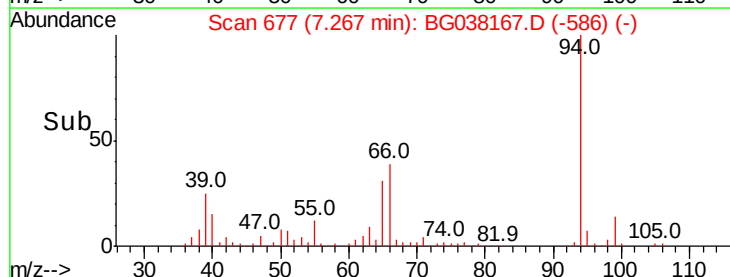
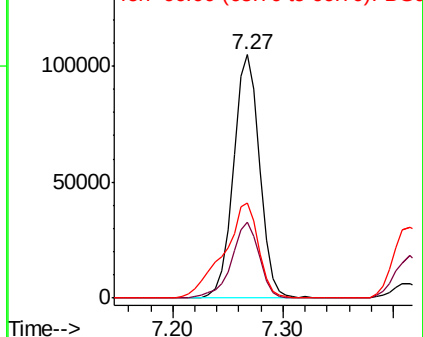
94 100

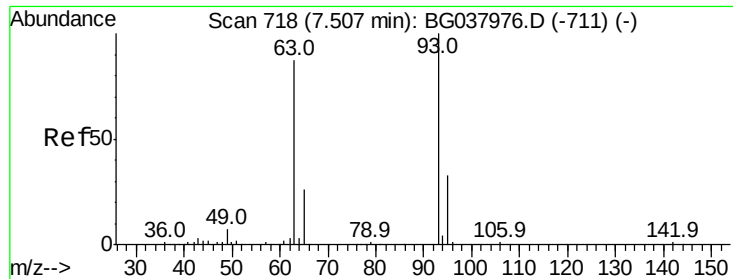
65 31.1 9.7 49.7

66 38.9 15.9 55.9



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





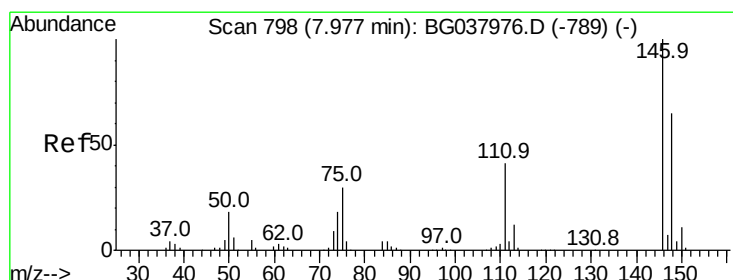
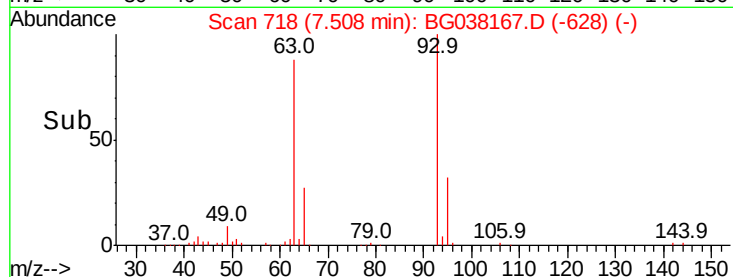
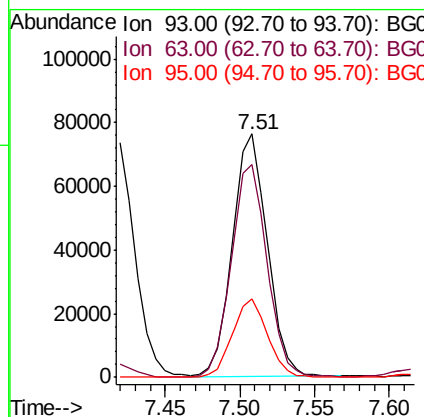
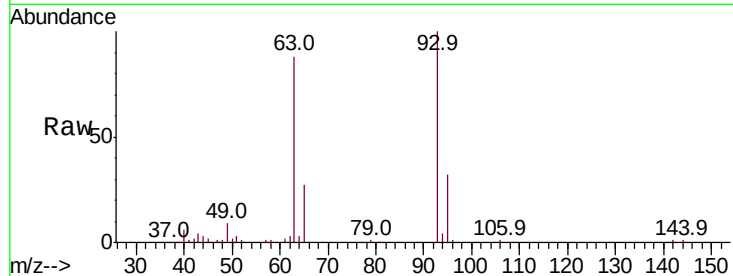
#11
bis(2-Chloroethyl)ether
Concen: 43.828 ng
RT: 7.51 min Scan# 718
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Instrument :
BNA_G
ClientSampleId :
PB115084BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.5	69.5	109.5
95	32.0	12.6	52.6

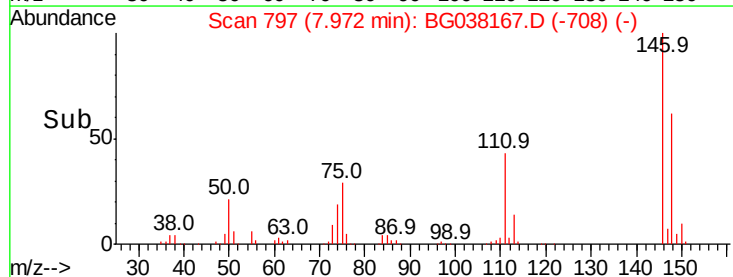
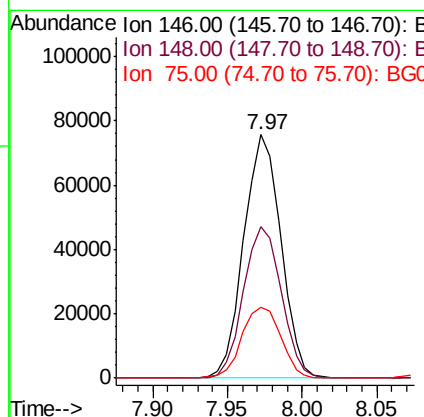
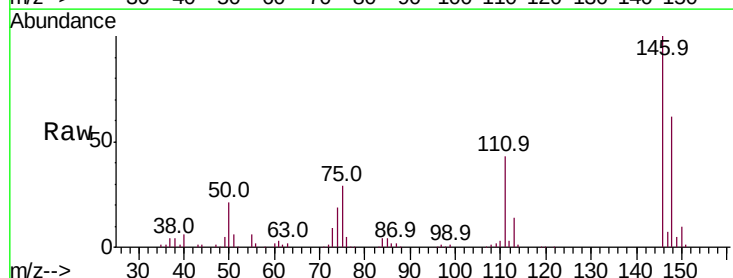
Manual Integrations
APPROVED

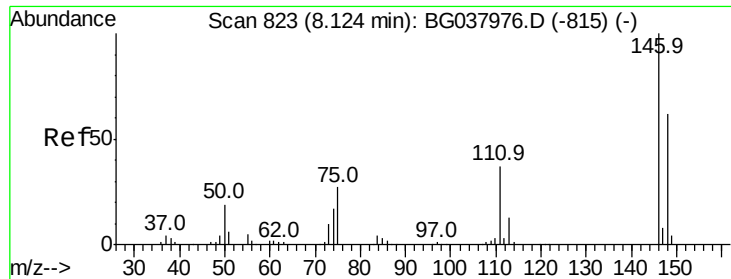
mohammad
11/28/2018 4:57:24 PM



#12
1,3-Dichlorobenzene
Concen: 42.309 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	49.8	74.8
75	29.3	23.2	34.8





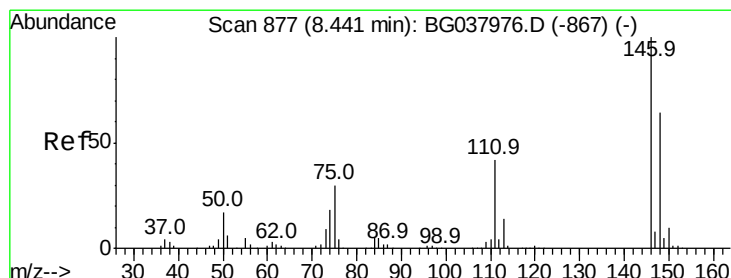
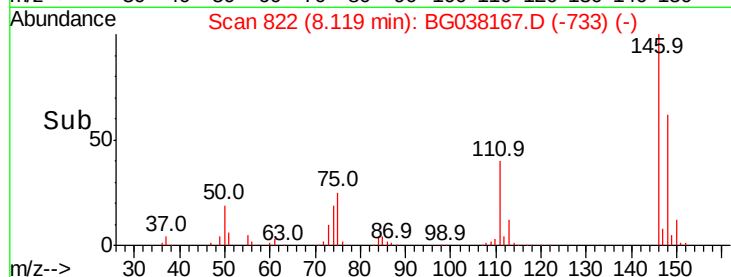
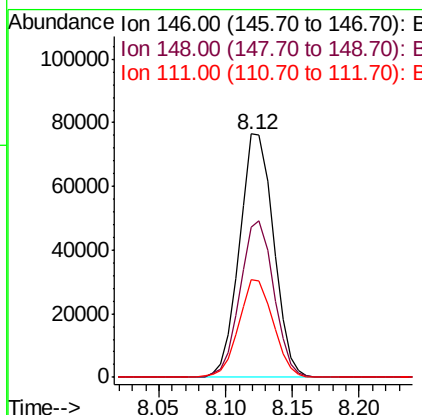
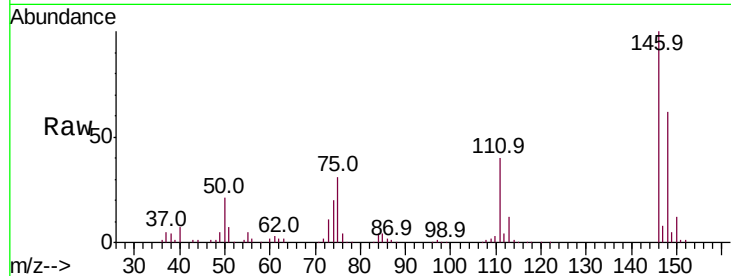
#13
 1,4-Dichlorobenzene
 Concen: 43.448 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG038167.D
 Acq: 27 Nov 2018 15:01

Instrument :
 BNA_G
 ClientSampleId :
 PB115084BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.7	51.0	76.6
111	40.4	32.4	48.6

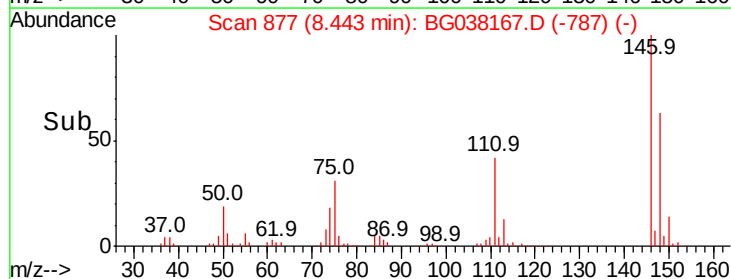
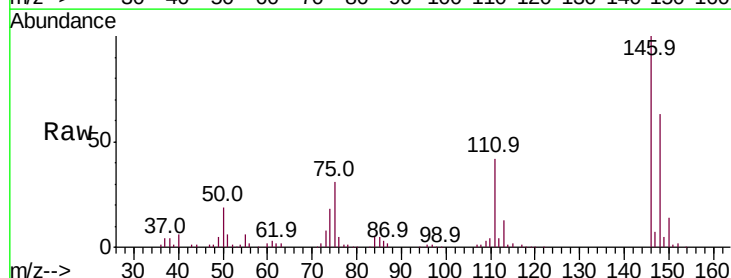
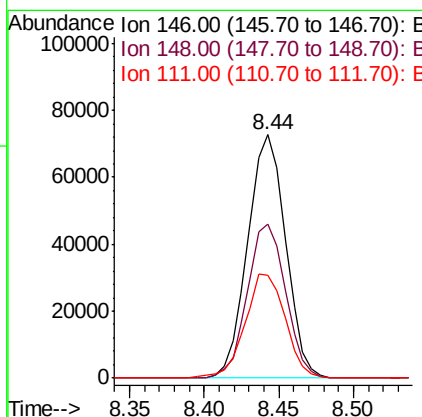
Manual Integrations
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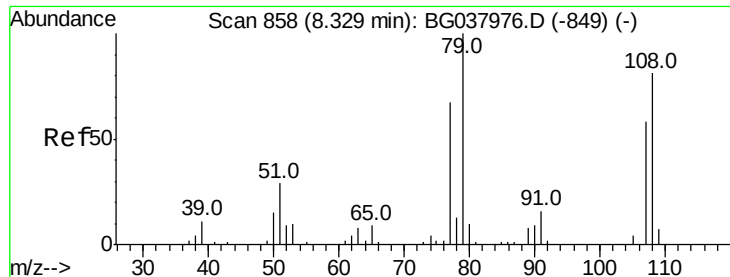
mohammad
 11/28/2018 4:57:24 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.829 ng
 RT: 8.44 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BG038167.D
 Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
111	42.4	34.6	51.8





#15

Benzyl Alcohol

Concen: 50.379 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.00 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Instrument :

BNA_G

ClientSampleId :

PB115084BS

Tot Ion: 79 Resp: 120123
Ion Ratio Lower Upper

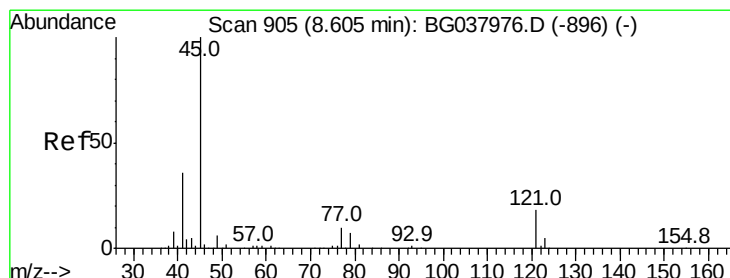
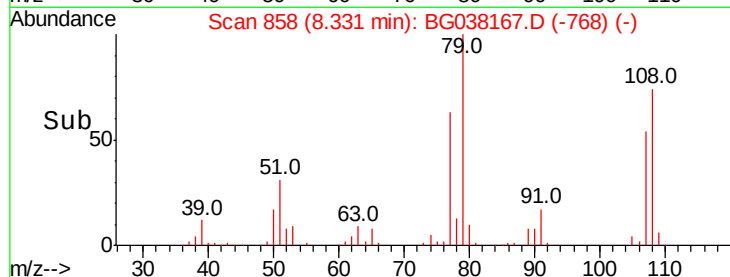
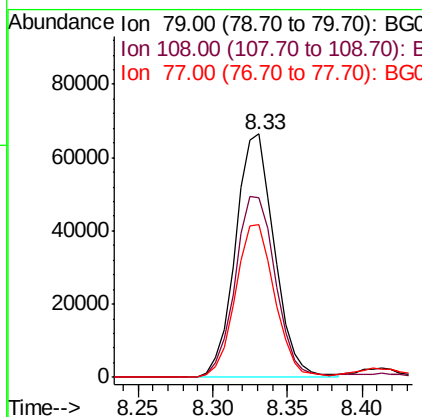
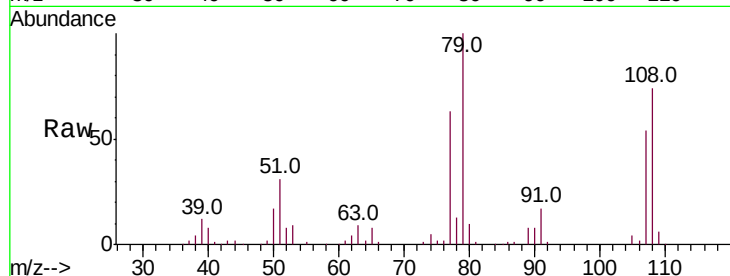
79 100

108 73.6 65.8 98.8

77 62.7 52.9 79.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.481 ng

RT: 8.60 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG038167.D

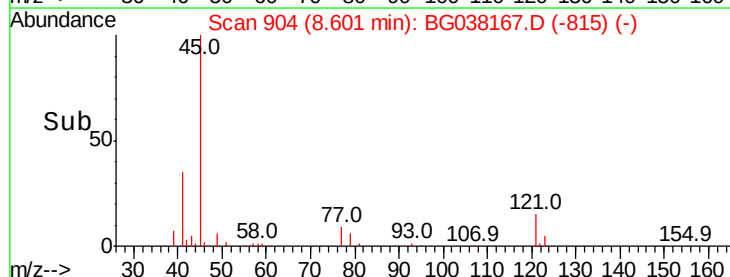
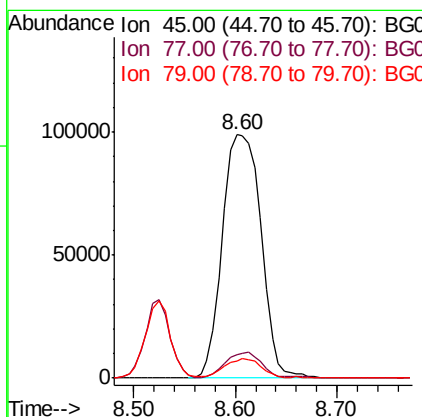
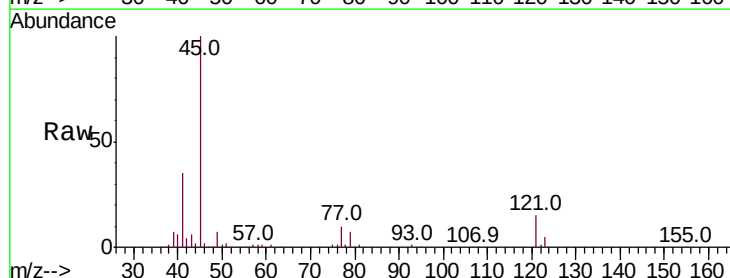
Acq: 27 Nov 2018 15:01

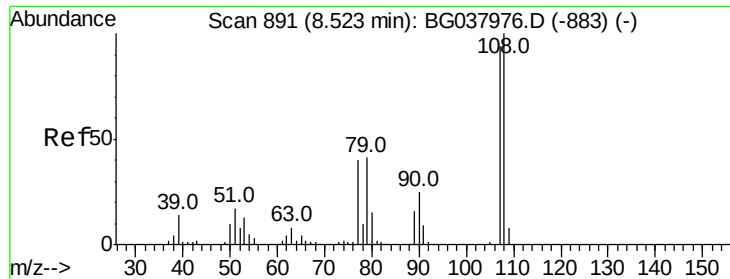
Tgt Ion: 45 Resp: 261813
Ion Ratio Lower Upper

45 100

77 9.7 0.0 30.0

79 6.9 0.0 29.0





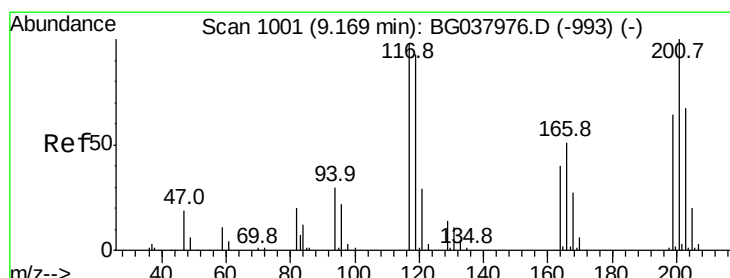
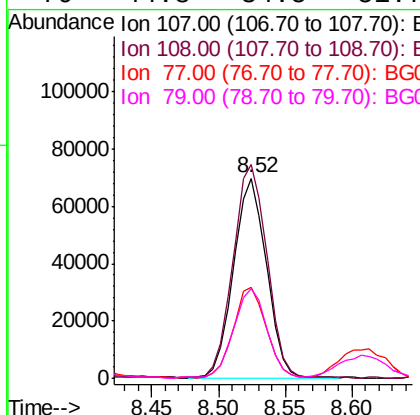
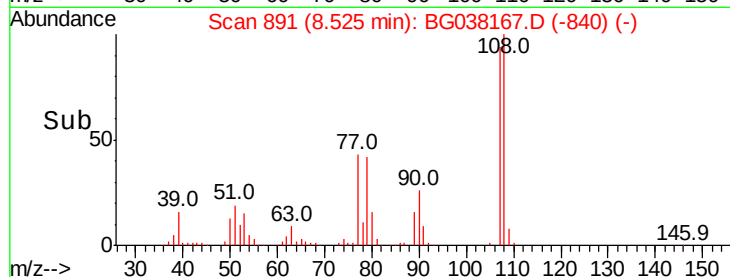
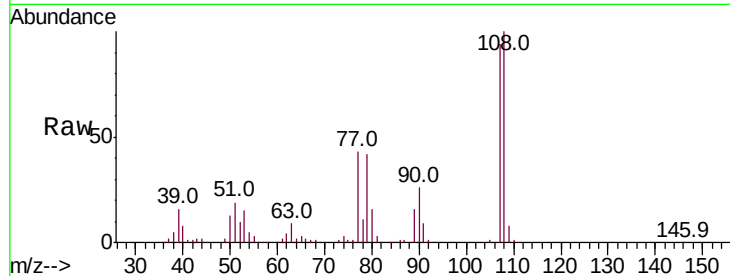
#17
2-Methylphenol
Concen: 50.853 ng
RT: 8.52 min Scan# 891
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Instrument :
BNA_G
ClientSampleId :
PB115084BS

Tot Ion	107	Resp	120001
Ion Ratio	Lower	Upper	
107	100		
108	106.7	87.9	131.9
77	45.6	35.1	52.7
79	44.8	34.5	51.7

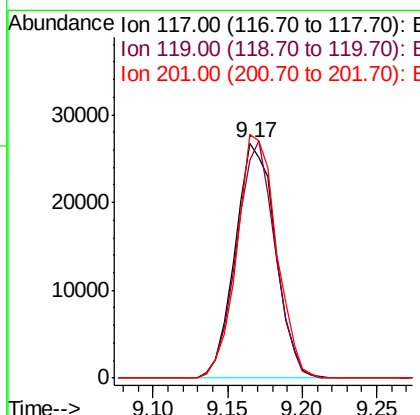
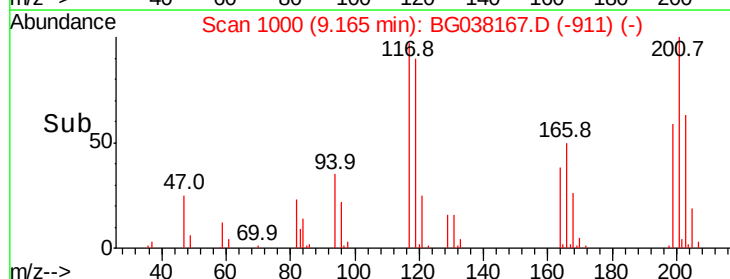
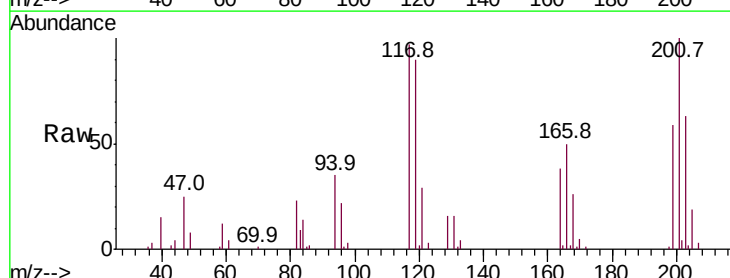
Manual Integrations
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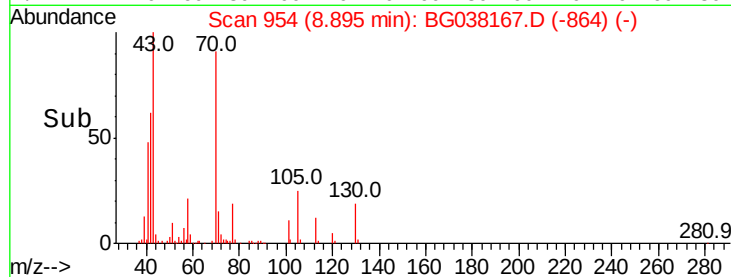
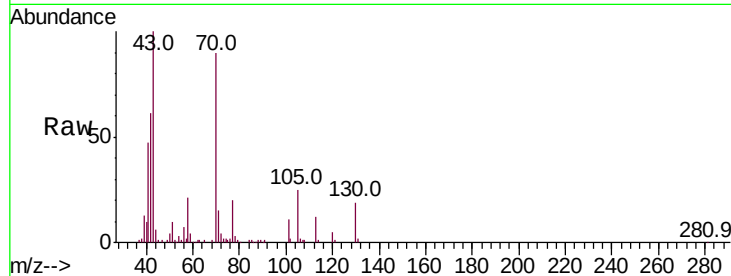
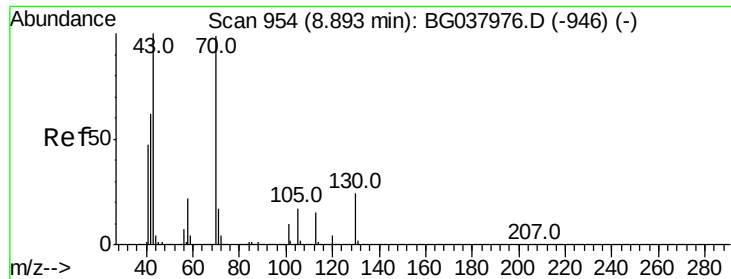
mohammad
11/28/2018 4:57:24 PM



#18
Hexachloroethane
Concen: 44.134 ng
RT: 9.17 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Tgt Ion	117	Resp	50067
Ion Ratio	Lower	Upper	
117	100		
119	92.7	74.6	111.8
201	107.2	80.8	121.2





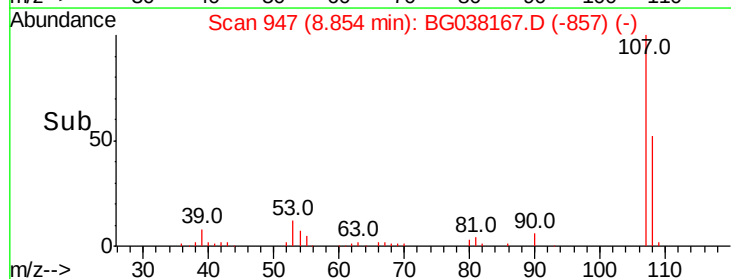
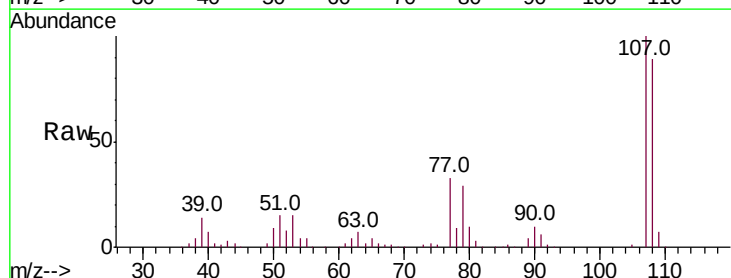
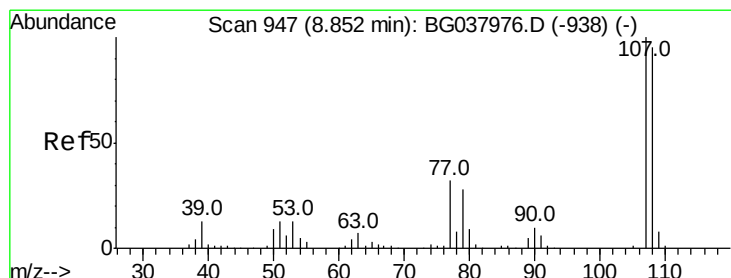
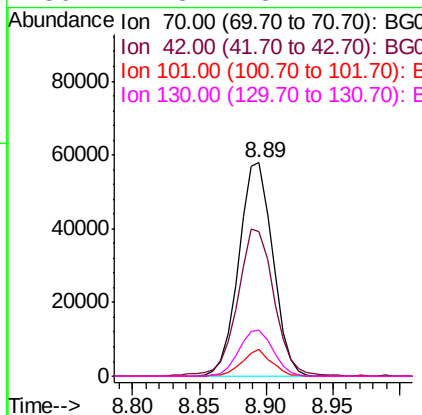
#19
n-Nitroso-di-n-propylamine
Concen: 42.893 ng
RT: 8.89 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Instrument :
BNA_G
ClientSampleId :
PB115084BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.8	53.9	80.9	
101	12.4	8.2	12.2#	
130	21.3	18.2	27.4	

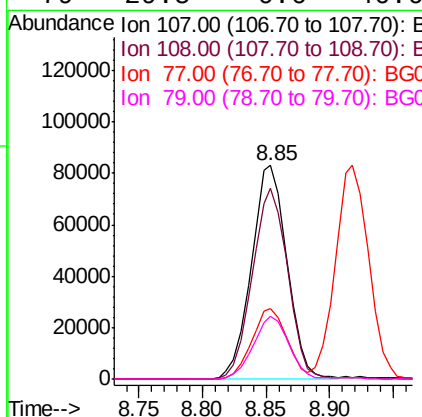
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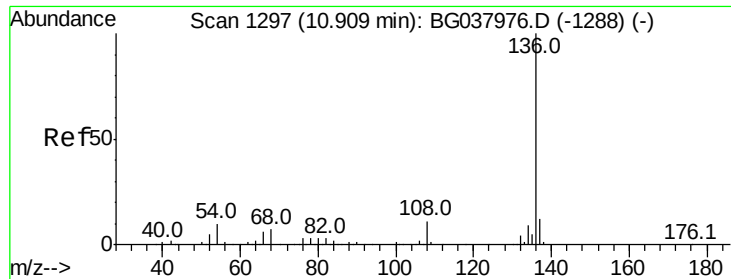
mohammad
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#20
3+4-Methylphenols
Concen: 48.539 ng
RT: 8.85 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.3	69.9	109.9	
77	32.9	11.2	51.2	
79	29.5	6.6	46.6	





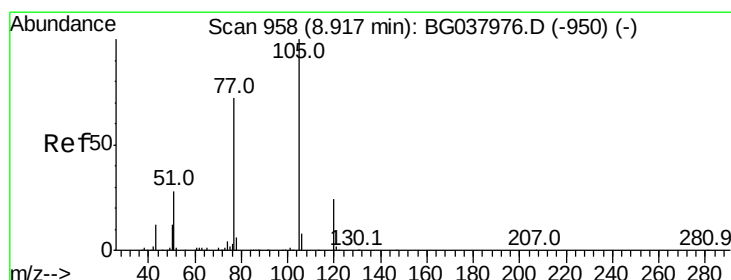
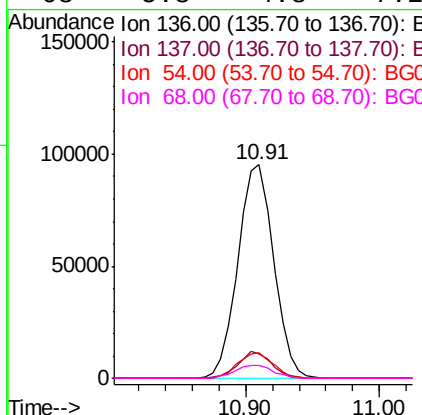
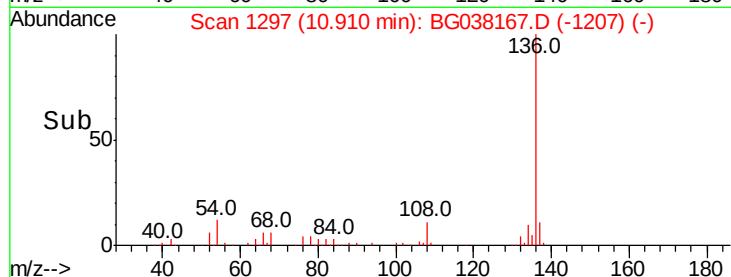
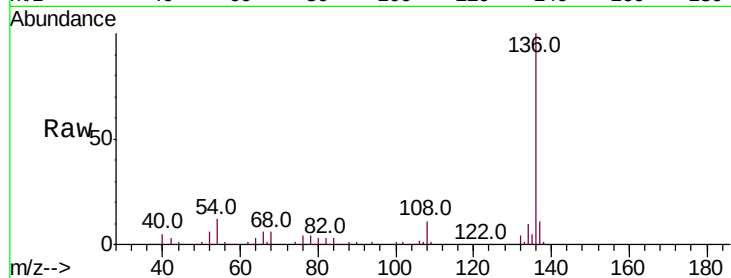
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Instrument :
BNA_G
ClientSampleId :
PB115084BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.6	14.4	
54	11.8	7.9	11.9	
68	5.8	4.8	7.2	

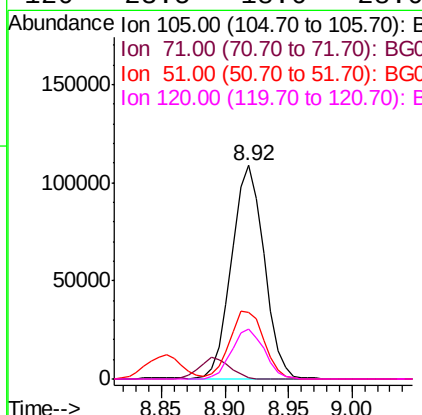
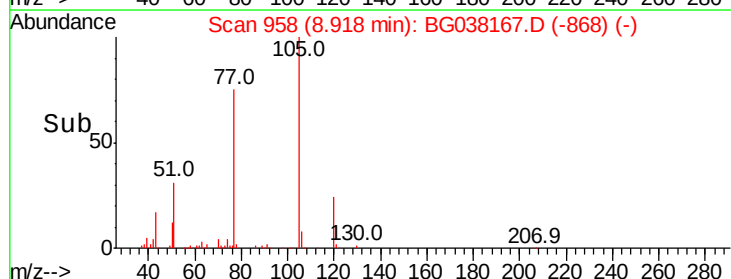
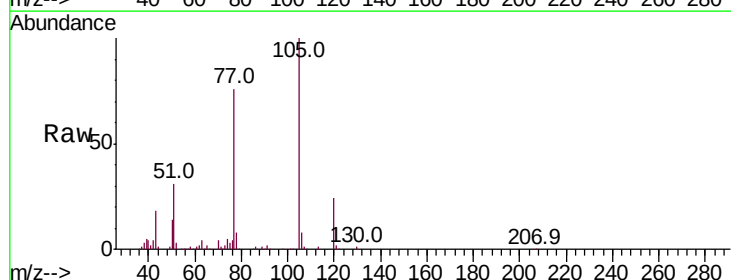
Manual Integrations
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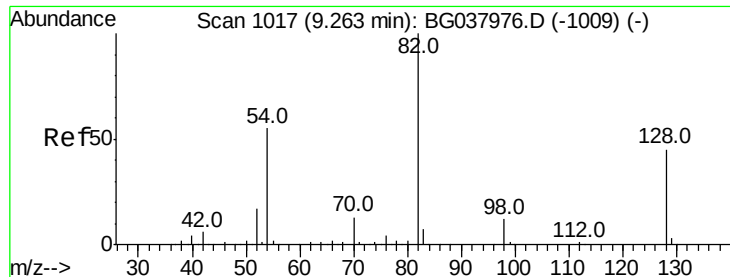
mohammad
11/28/2018 4:57:24 PM



#22
Acetophenone
Concen: 44.100 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.7	1.2	1.8#	
51	31.4	25.0	37.6	
120	23.5	18.6	28.0	





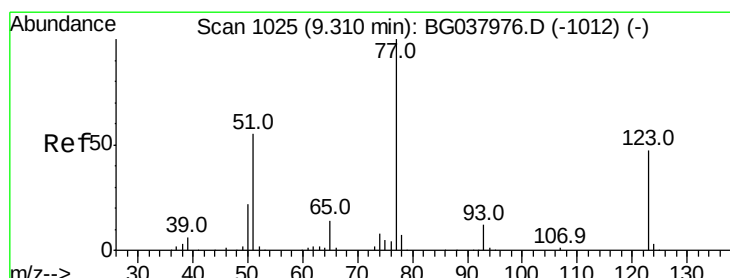
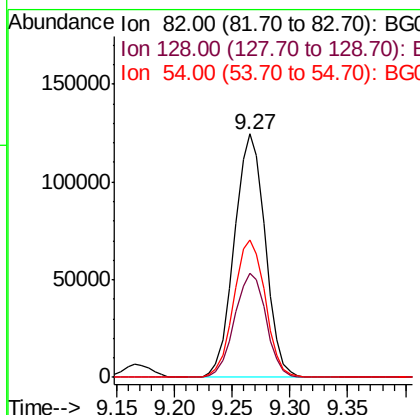
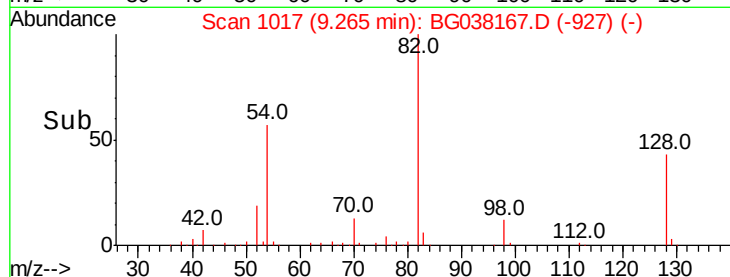
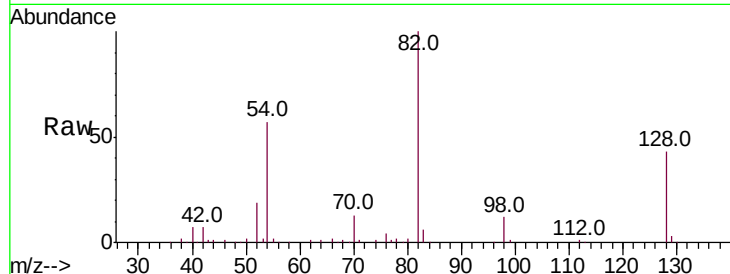
#23
Nitrobenzene-d5
Concen: 69.929 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Instrument :
BNA_G
ClientSampleId :
PB115084BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	51.8
54	56.6	45.3	67.9

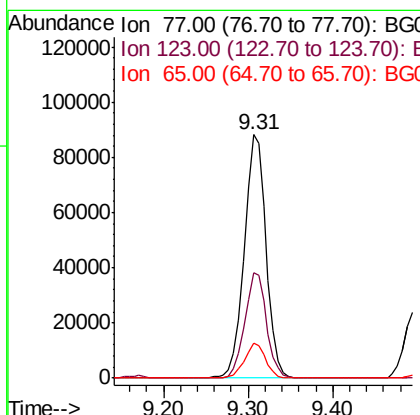
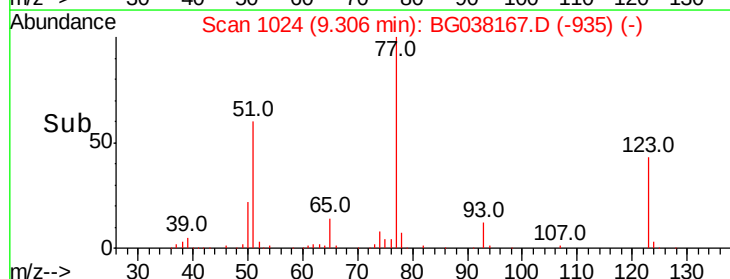
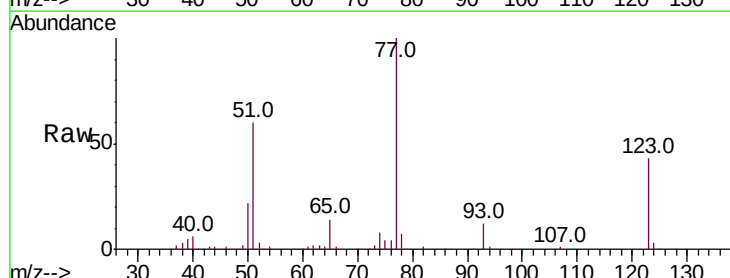
Manual Integrations
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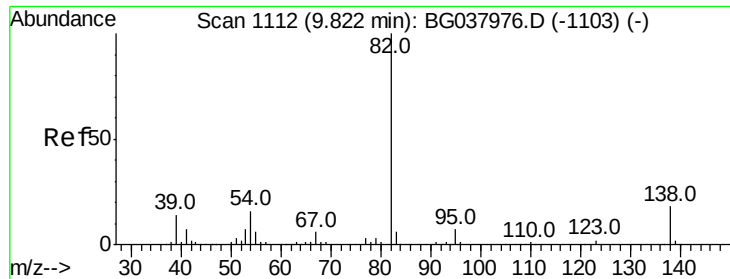
mohammad
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#24
Nitrobenzene
Concen: 46.731 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.5	33.6	50.4
65	14.3	11.3	16.9





#25

Isophorone

Concen: 48.625 ng

RT: 9.82 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Instrument :

BNA_G

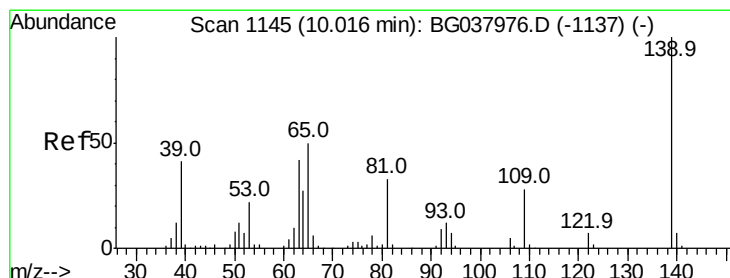
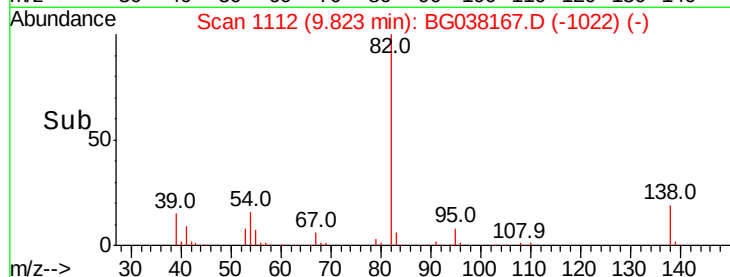
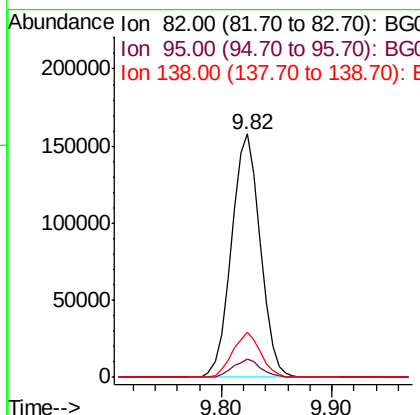
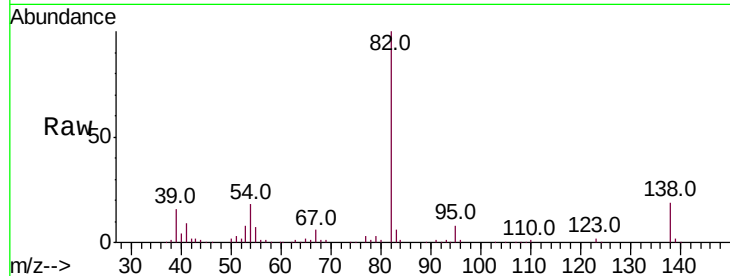
ClientSampleId :

PB115084BS

Tot Ion:	82	Resp:	288520
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.3	7.9
138	18.6	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.879 ng

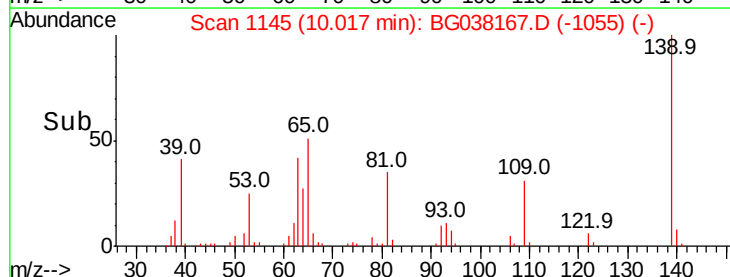
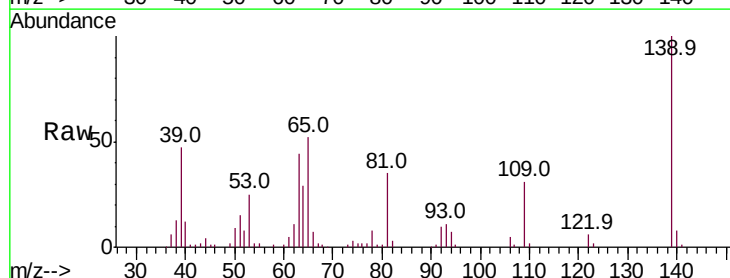
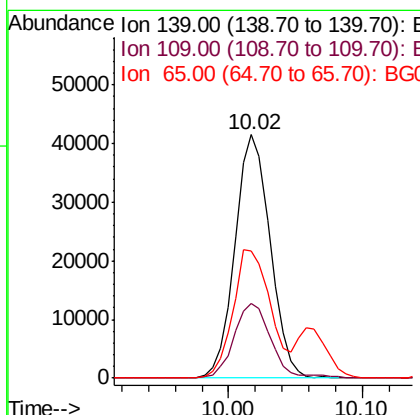
RT: 10.02 min Scan# 1145

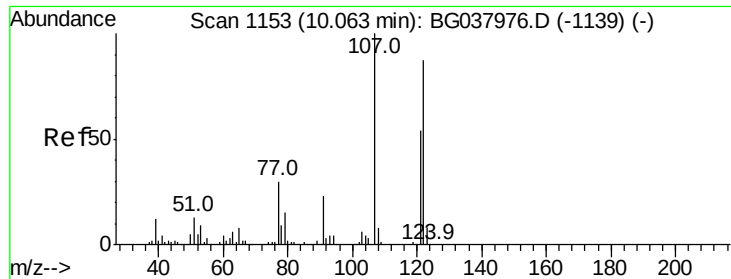
Delta R.T. 0.00 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Tgt Ion:	139	Resp:	75555
Ion Ratio	Lower	Upper	
139	100		
109	30.7	23.3	34.9
65	52.5	39.8	59.8





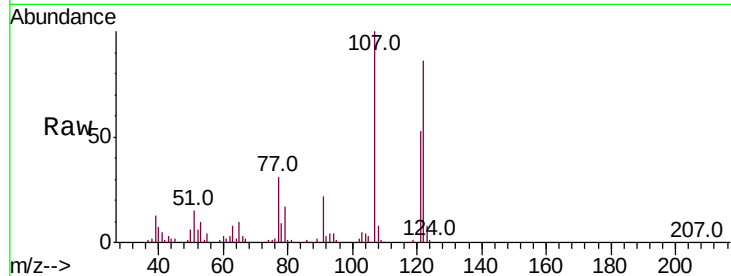
#27
2,4-Dimethylphenol
Concen: 53.316 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Instrument :
BNA_G
ClientSampleId :
PB115084BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	135238		
107	116.7	94.2	141.2	
121	62.0	47.3	70.9	

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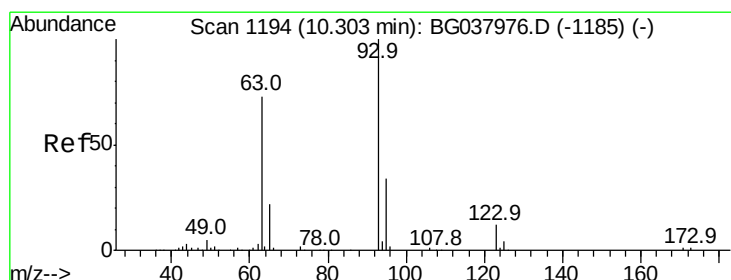
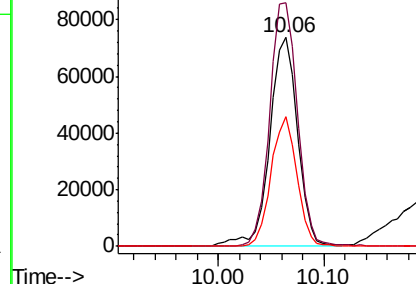
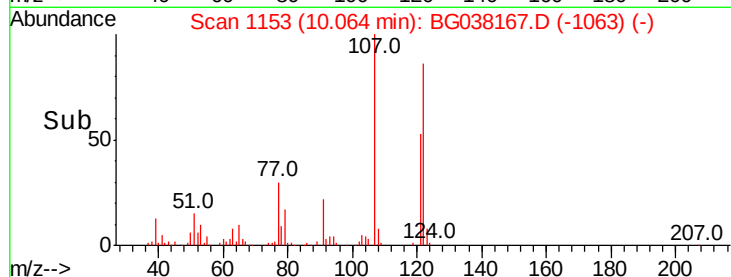


Abundance

Ion 122.00 (121.70 to 122.70): E

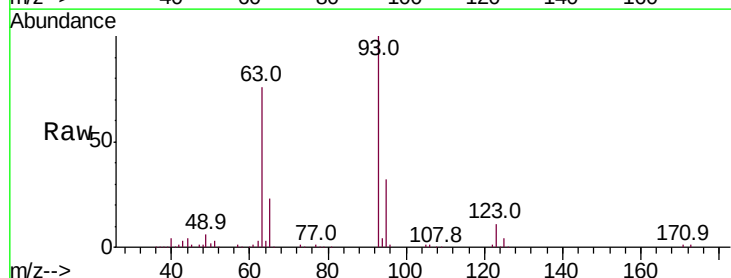
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 46.338 ng
RT: 10.31 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	175815		
95	32.2	24.6	37.0	
123	11.4	9.1	13.7	

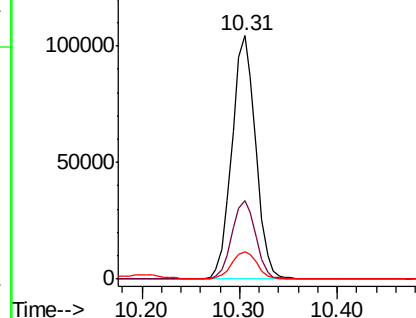
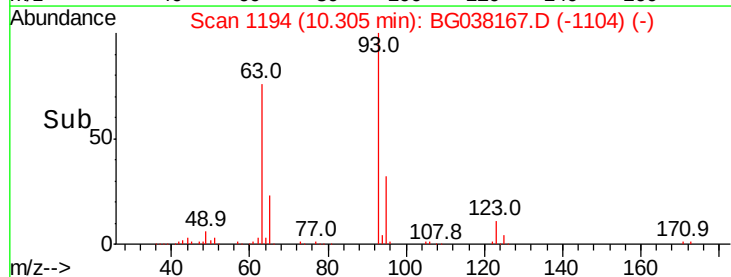


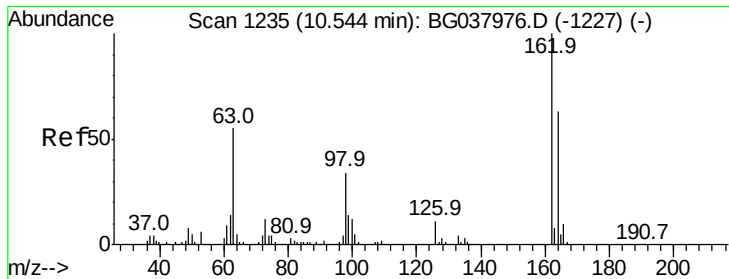
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





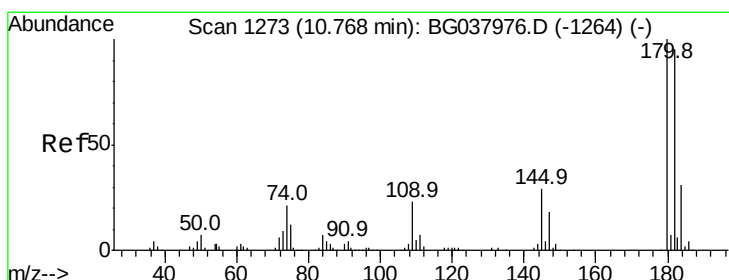
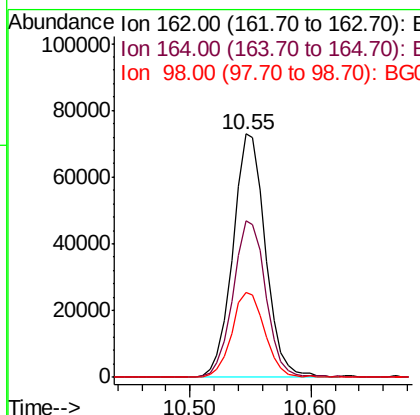
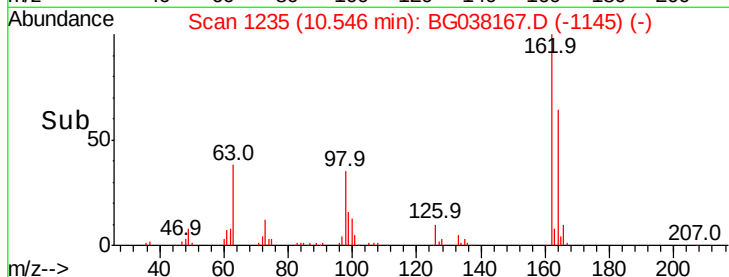
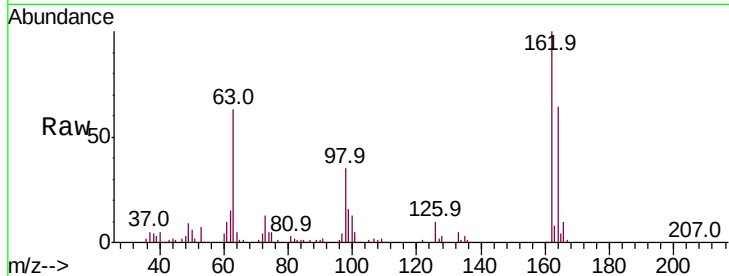
#29
 2,4-Dichlorophenol
 Concen: 47.902 ng
 RT: 10.55 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BG038167.D
 Acq: 27 Nov 2018 15:01

Instrument :
 BNA_G
 ClientSampleID :
 PB115084BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	136669		
164	64.2	43.2	83.2	
98	35.1	16.0	56.0	

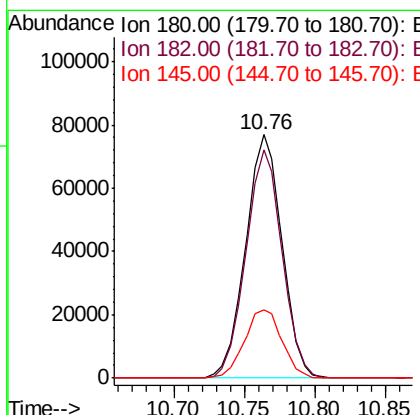
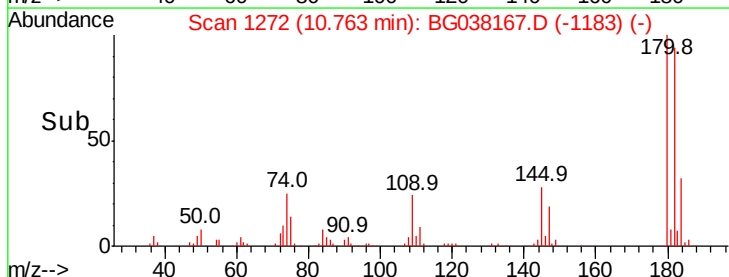
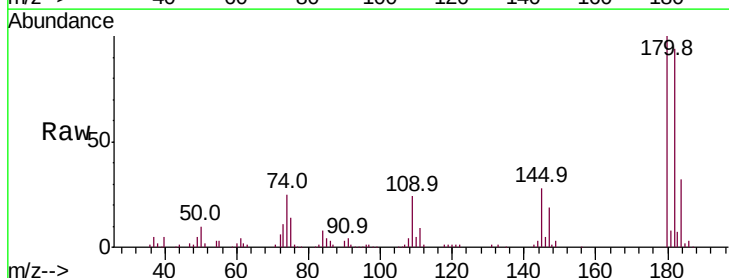
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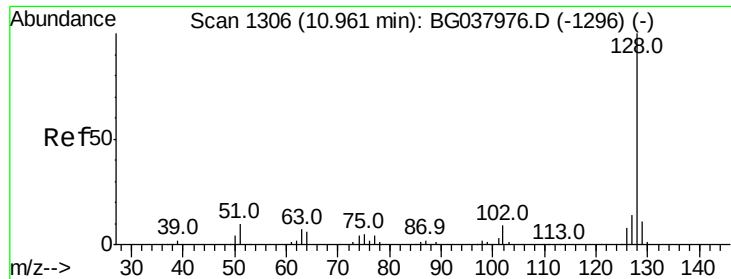
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.419 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: BG038167.D
 Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	138818		
182	93.8	77.7	116.5	
145	28.0	23.3	34.9	





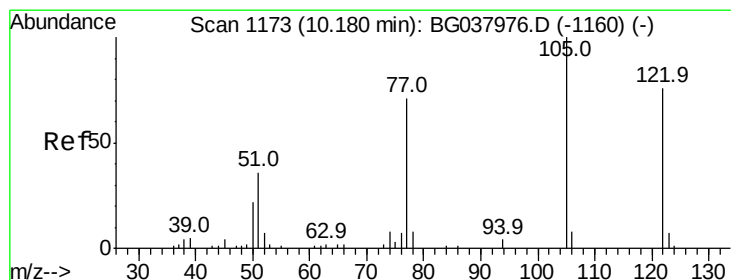
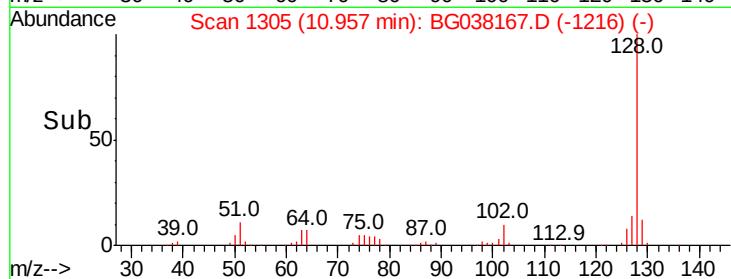
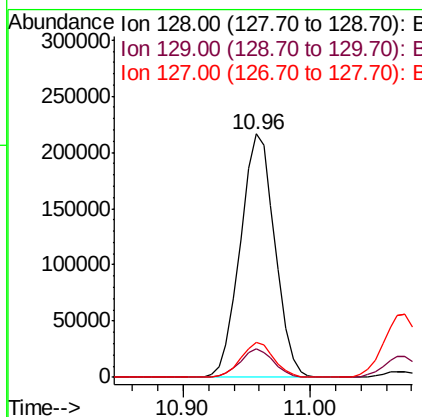
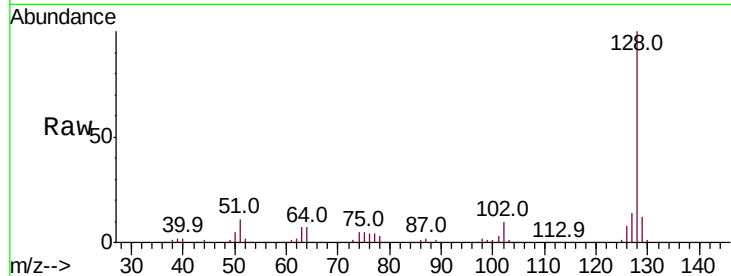
#31
Naphthalene
Concen: 47.050 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Instrument :
BNA_G
ClientSampleId :
PB115084BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.6
127	14.1	11.1	16.7

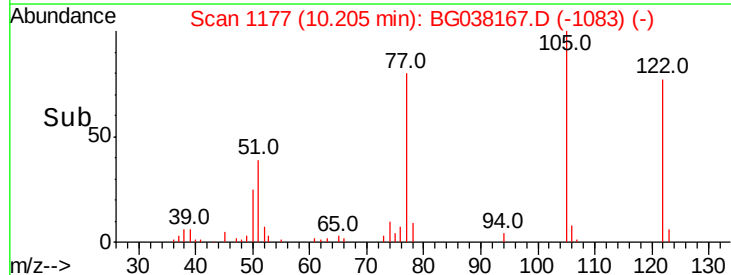
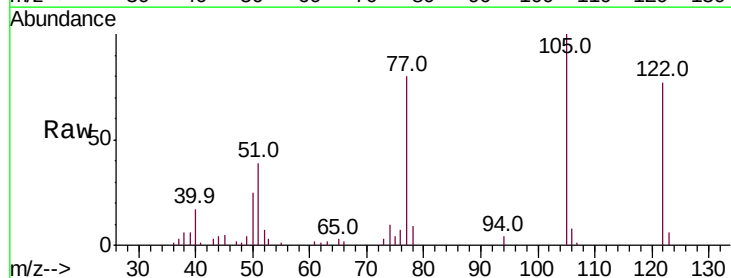
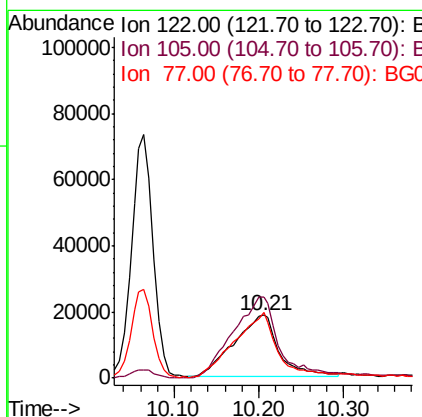
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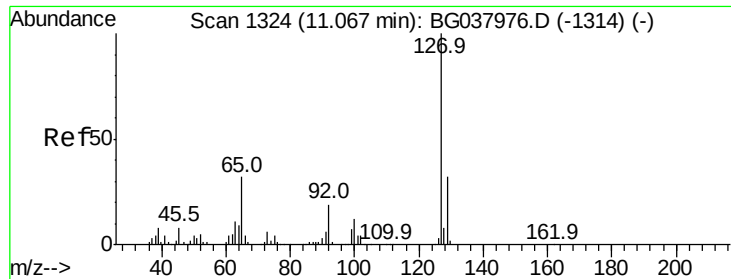
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#32
Benzoic acid
Concen: 43.492 ng
RT: 10.21 min Scan# 1177
Delta R.T. 0.03 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.8	106.7	146.7
77	104.2	72.2	112.2





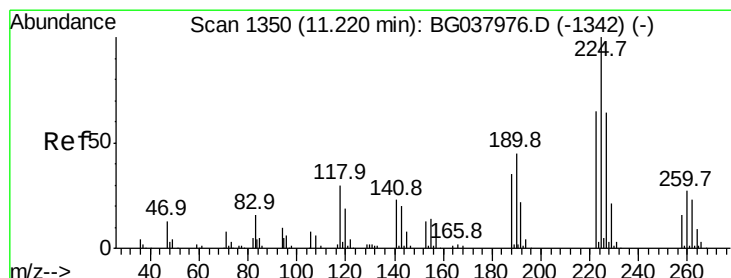
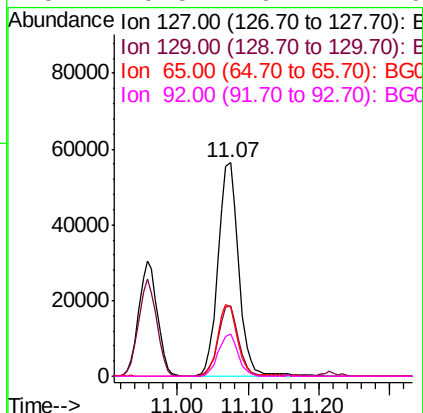
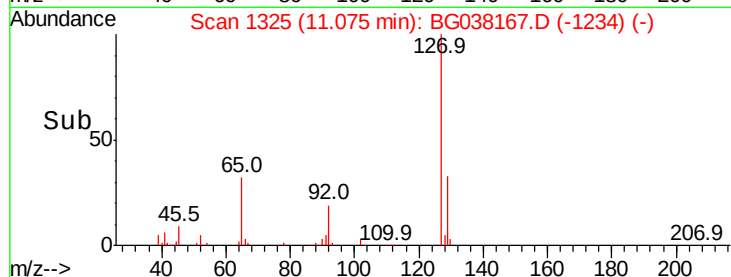
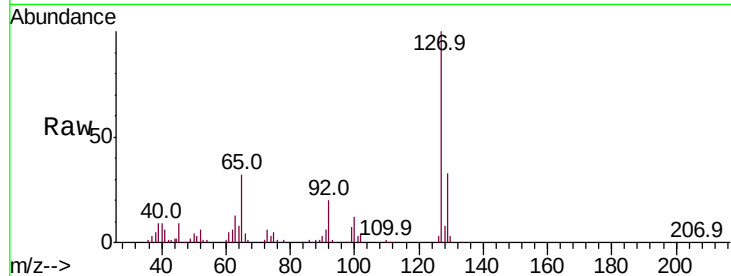
#33
4-Chloroaniline
Concen: 28.321 ng
RT: 11.07 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Instrument :
BNA_G
ClientSampleId :
PB115084BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	114344		
129	33.1	27.1	40.7	
65	32.4	26.6	39.8	
92	19.5	16.4	24.6	

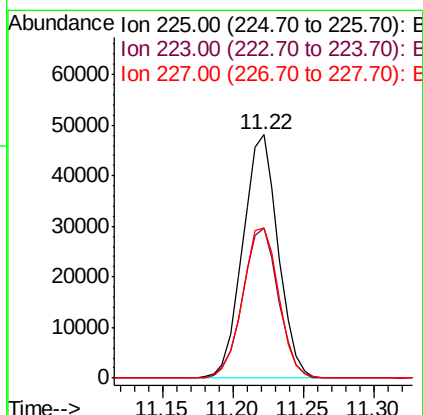
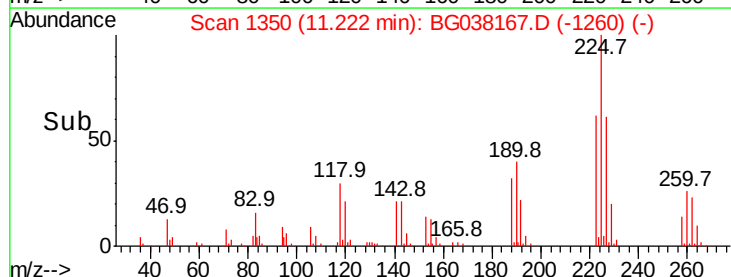
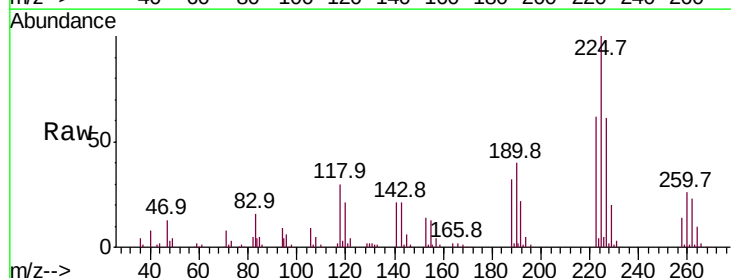
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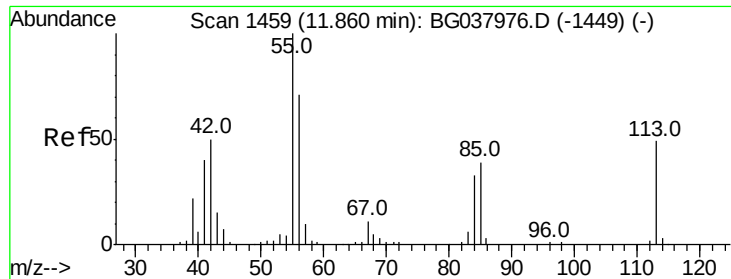
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#34
Hexachlorobutadiene
Concen: 42.680 ng
RT: 11.22 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	83982		
223	62.9	48.2	72.4	
227	60.9	51.6	77.4	





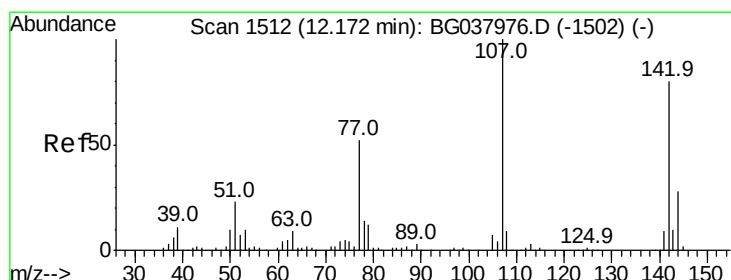
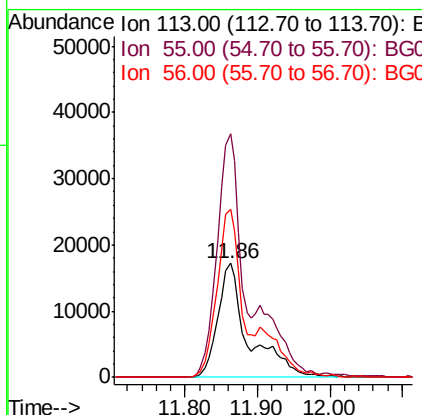
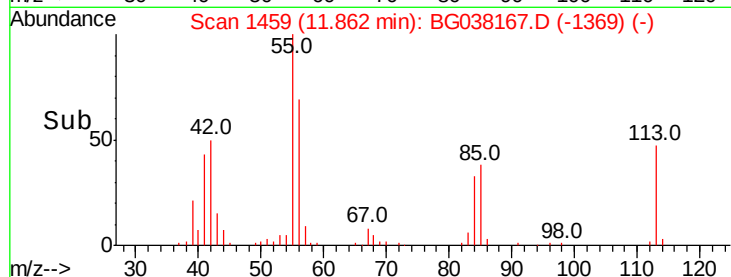
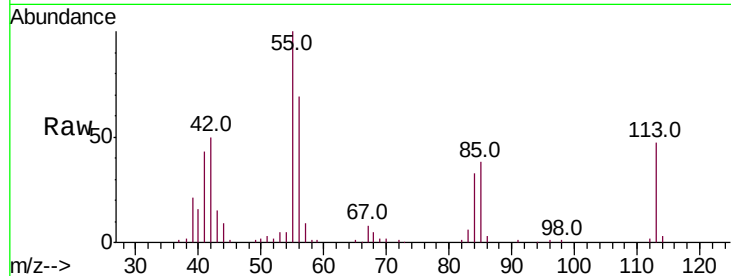
#35
 Caprolactam
 Concen: 44.655 ng/ml
 RT: 11.86 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BG038167.D
 Acq: 27 Nov 2018 15:01

Instrument :
 BNA_G
 ClientSampleID :
 PB115084BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	213.1	176.6	216.6
56	146.6	128.3	168.3

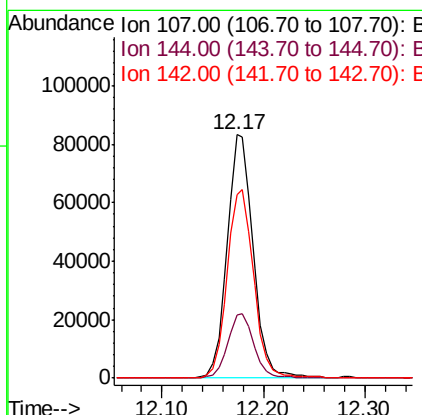
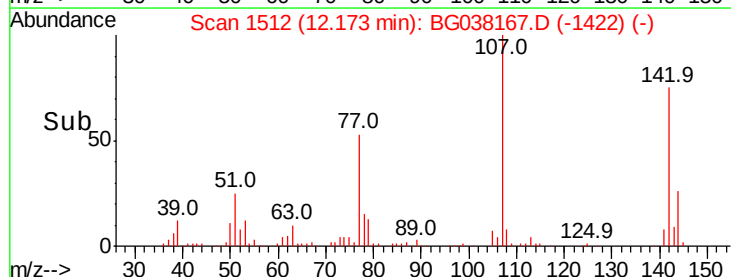
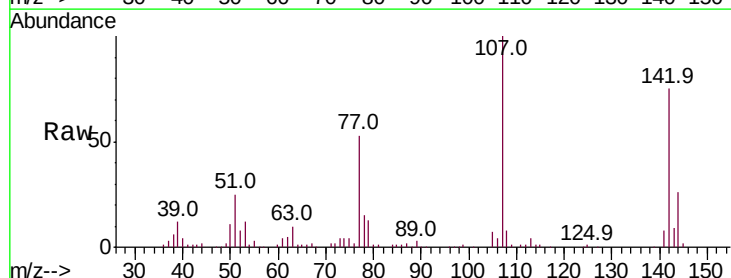
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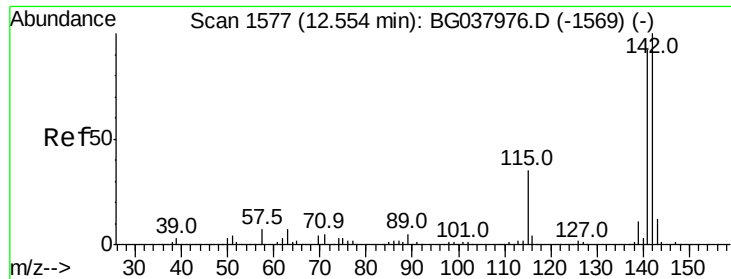
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#36
 4-Chloro-3-methylphenol
 Concen: 47.522 ng/ml
 RT: 12.17 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BG038167.D
 Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.7	31.1
142	75.1	64.4	96.6





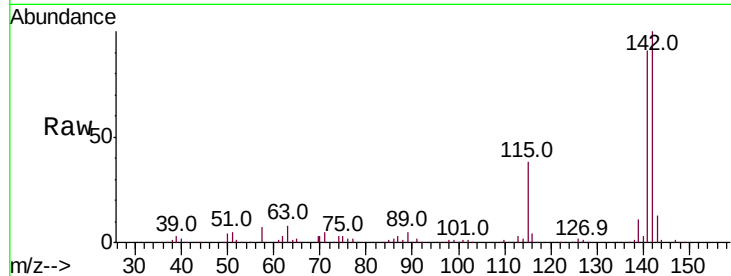
#37
2-Methylnaphthalene
Concen: 47.924 ng
RT: 12.56 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Instrument :
BNA_G
ClientSampleId :
PB115084BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	298782		
141	90.6	71.9	107.9	
115	37.6	27.8	41.8	

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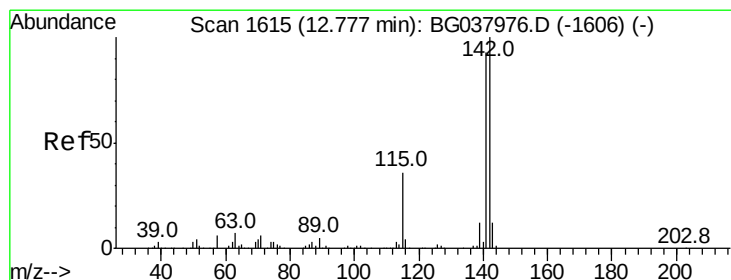
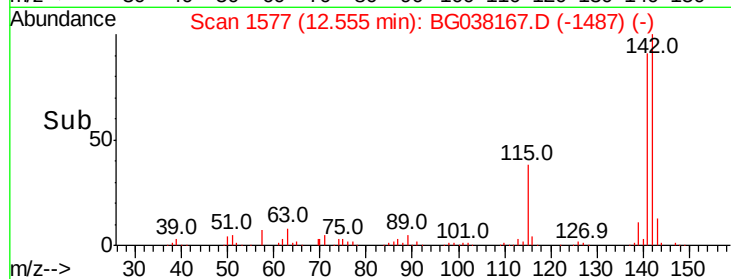
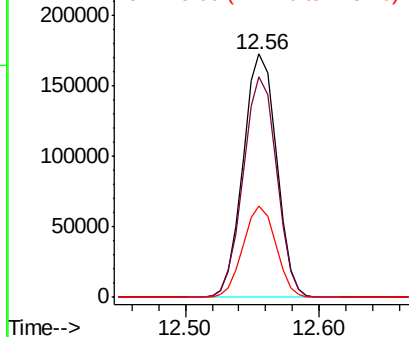


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 47.656 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

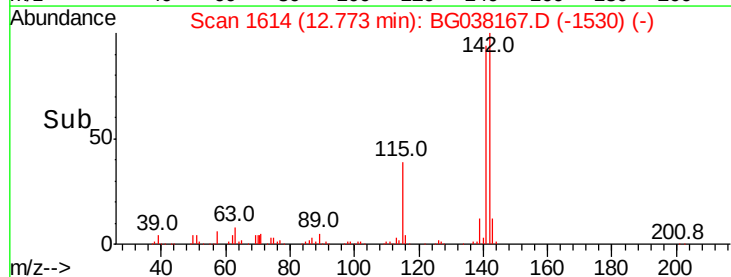
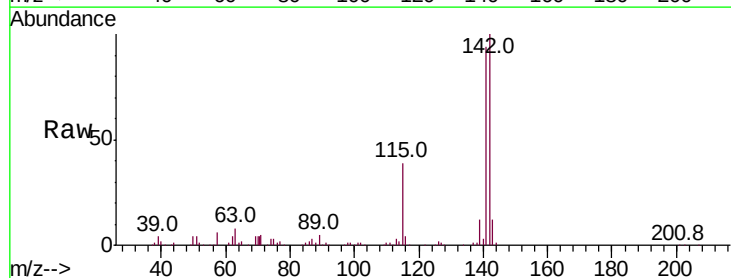
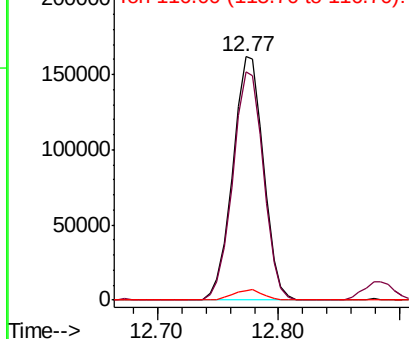
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	285994		
141	93.8	75.2	112.8	
116	3.9	3.3	4.9	

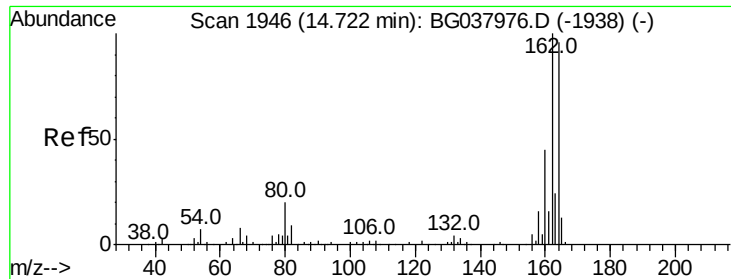
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





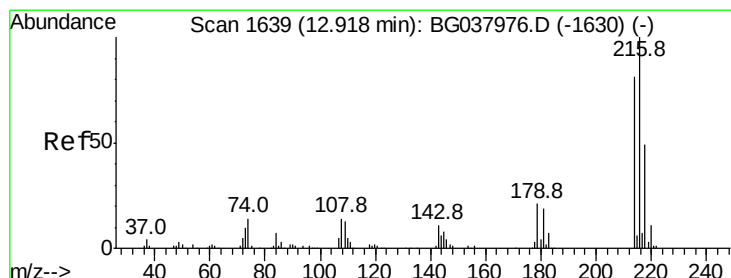
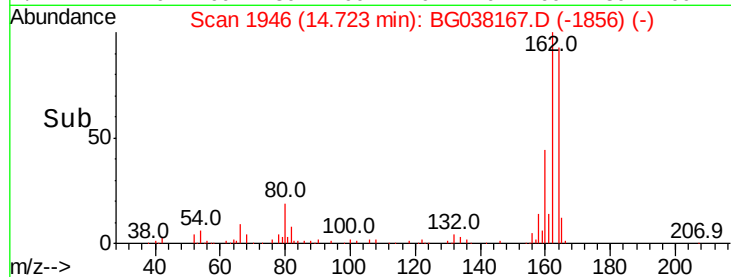
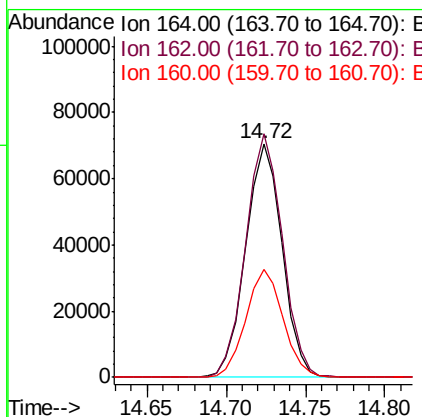
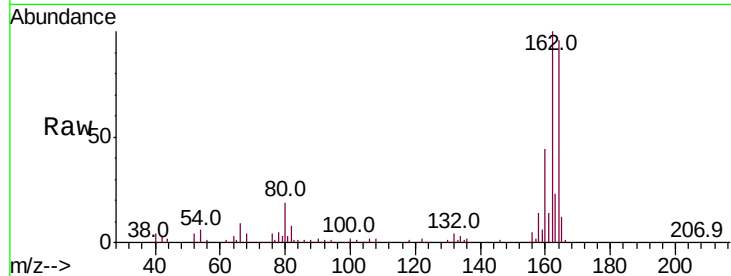
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: BG038167.D
 Acq: 27 Nov 2018 15:01

Instrument :
 BNA_G
 ClientSampleId :
 PB115084BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.3	121.9
160	46.4	36.3	54.5

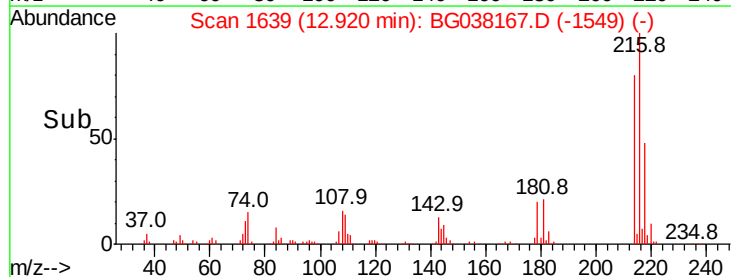
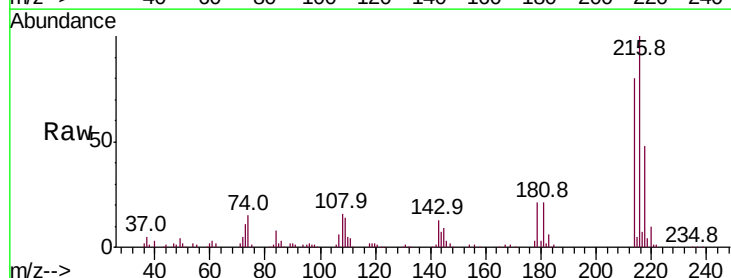
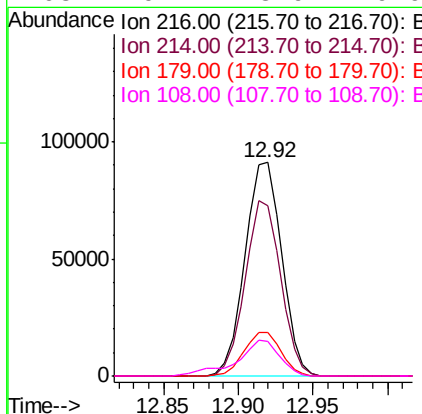
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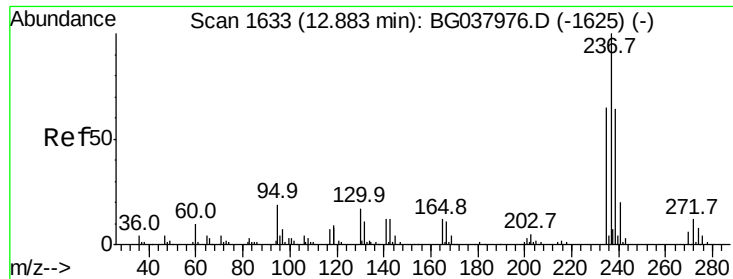
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.273 ng
 RT: 12.92 min Scan# 1639
 Delta R.T. 0.00 min
 Lab File: BG038167.D
 Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.6
179	20.7	17.4	26.0
108	19.7	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 90.360 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Instrument :

BNA_G

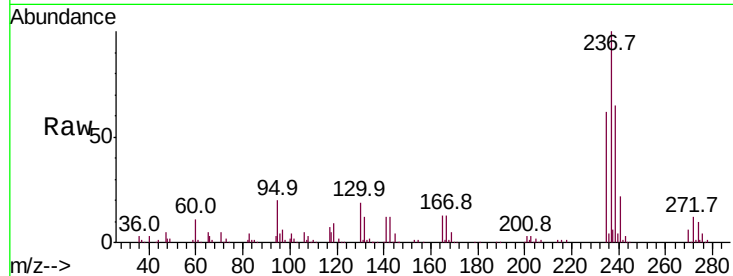
ClientSampleId :

PB115084BS

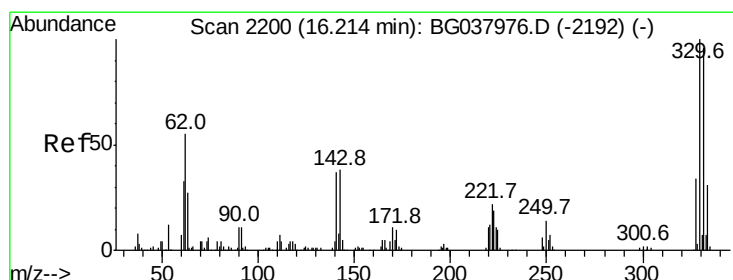
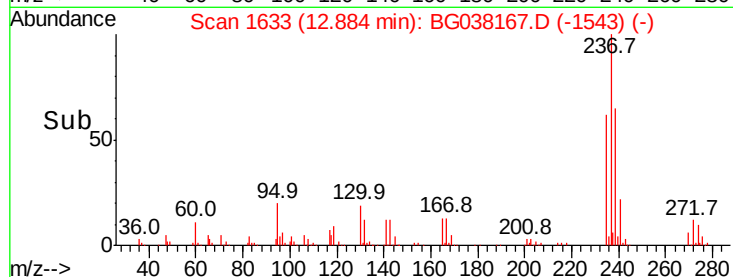
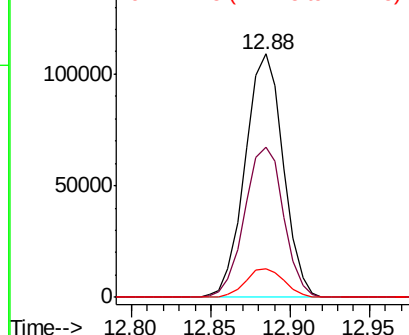
Tot Ion:	237	Resp:	182109
Ion Ratio		Lower	Upper
237	100		
235	61.8	42.5	82.5
272	11.6	0.0	31.6

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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: 136.054 ng

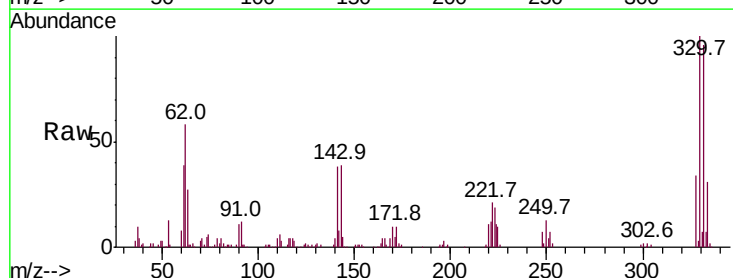
RT: 16.22 min Scan# 2200

Delta R.T. 0.00 min

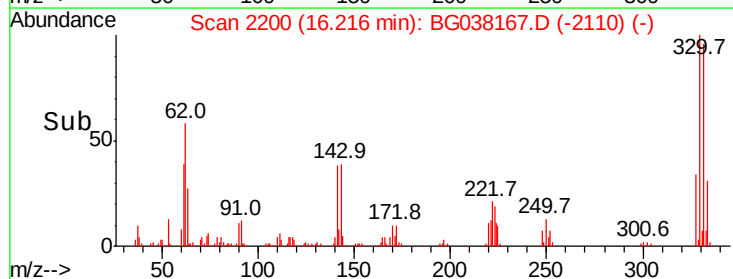
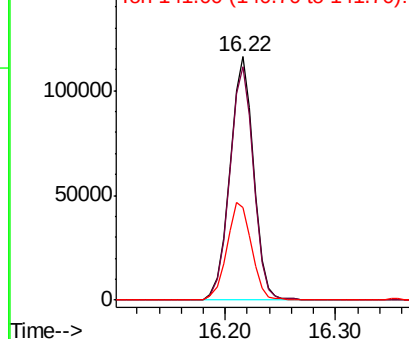
Lab File: BG038167.D

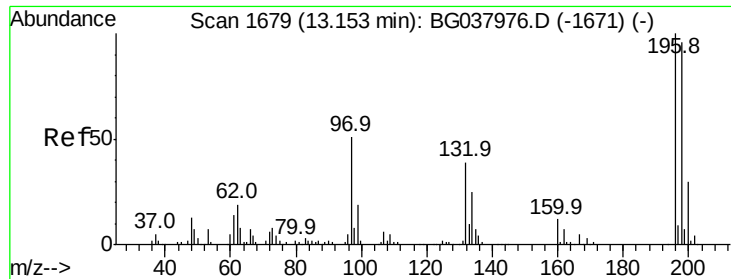
Acq: 27 Nov 2018 15:01

Tgt Ion:	330	Resp:	174769
Ion Ratio		Lower	Upper
330	100		
332	96.3	78.4	117.6
141	41.5	32.2	48.2



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





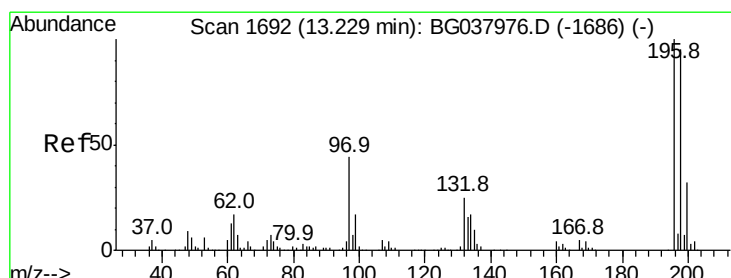
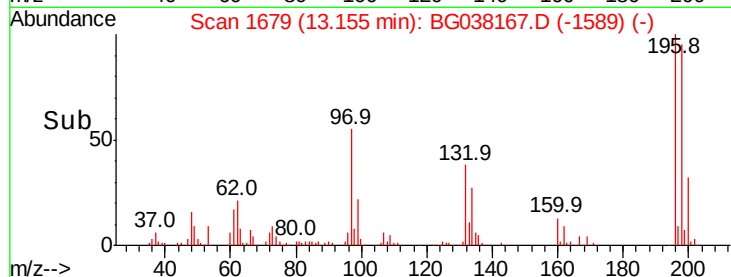
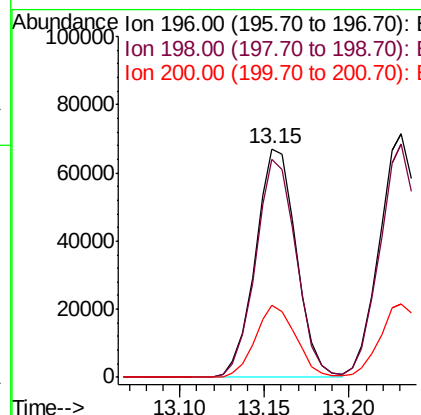
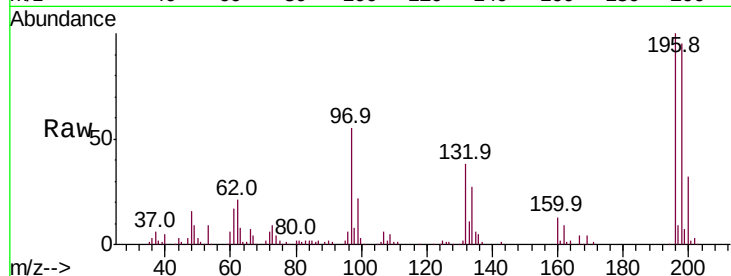
#43
 2,4,6-Trichlorophenol
 Concen: 43.847 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038167.D
 Acq: 27 Nov 2018 15:01

Instrument :
 BNA_G
 ClientSampleID :
 PB115084BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	112455		
198	95.2	76.4	114.6	
200	31.7	24.9	37.3	

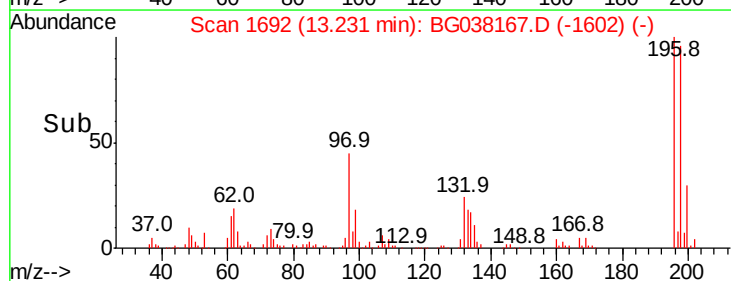
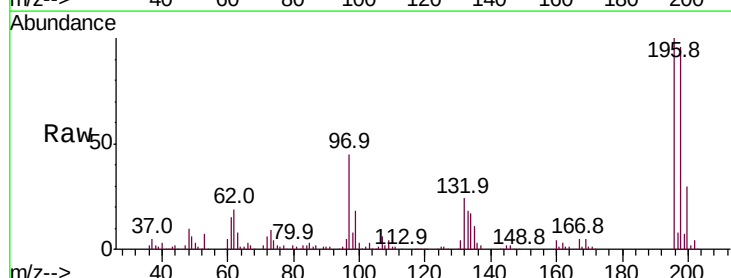
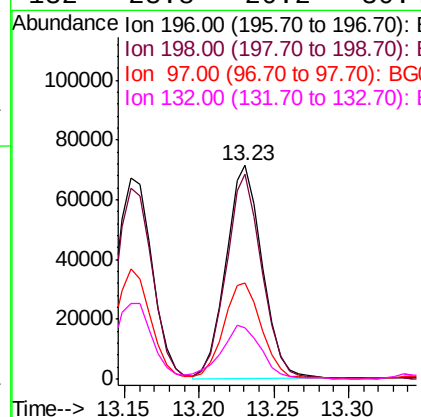
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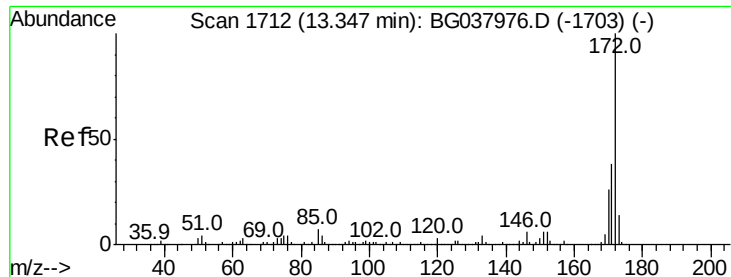
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.725 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG038167.D
 Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	120693		
198	95.9	74.2	111.2	
97	44.9	34.1	51.1	
132	23.8	20.2	30.4	





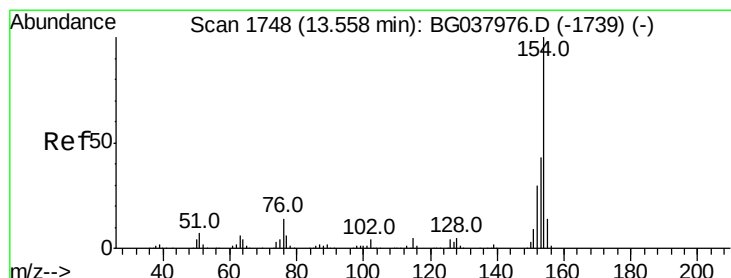
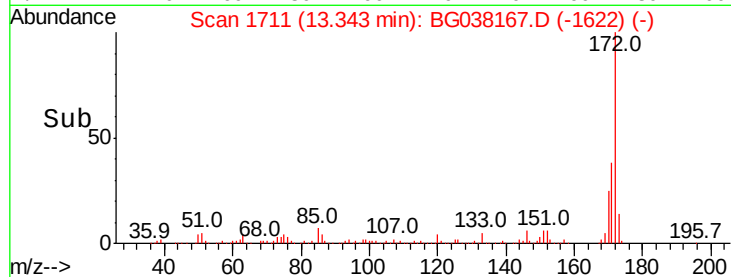
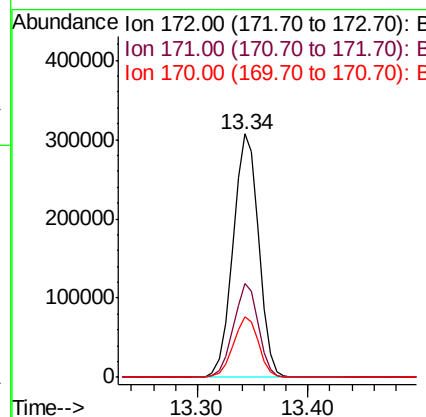
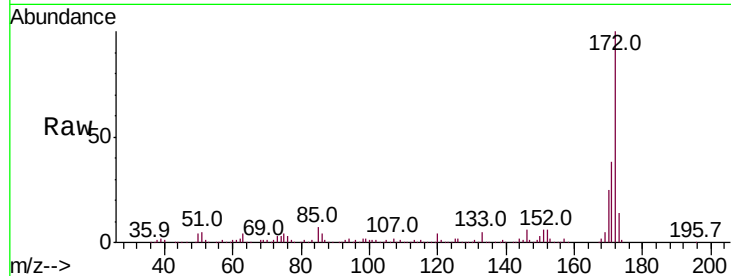
#45
2-Fluorobiphenyl
Concen: 64.628 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Instrument :
BNA_G
ClientSampleId :
PB115084BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.0	20.2	30.2

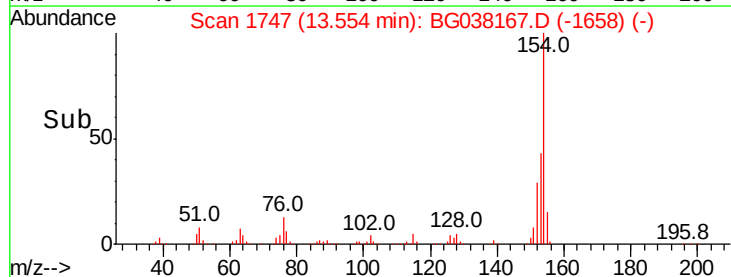
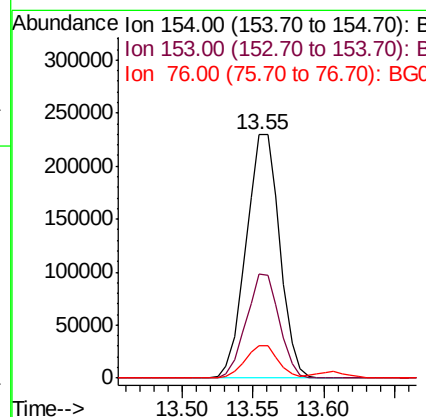
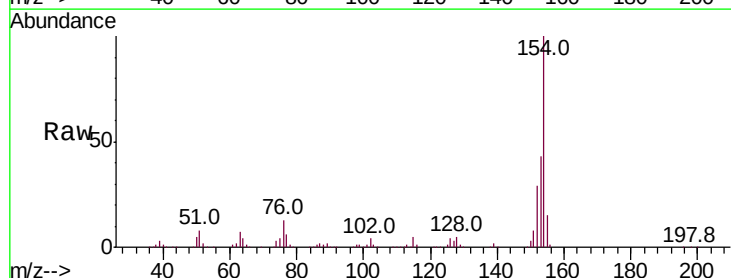
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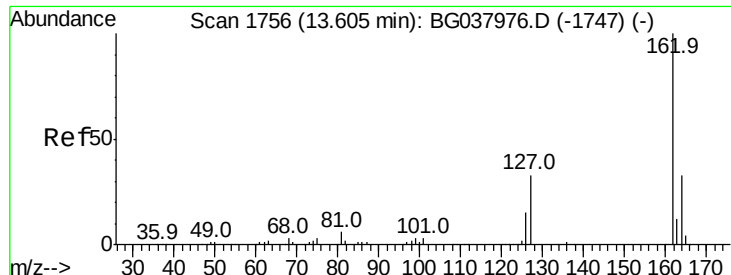
mohammad
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#46
1,1'-Biphenyl
Concen: 40.402 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.1	62.1
76	13.3	0.0	33.2





#47

2-Chloronaphthalene

Concen: 42.150 ng

RT: 13.61 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Instrument :

BNA_G

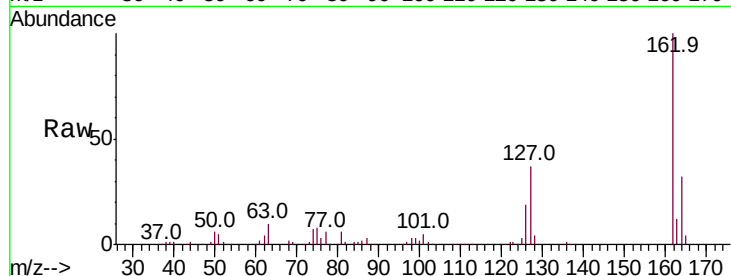
ClientSampleId :

PB115084BS

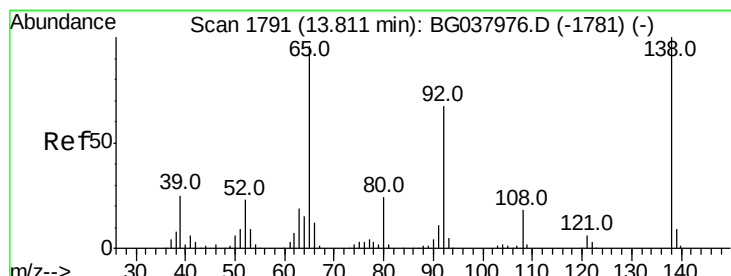
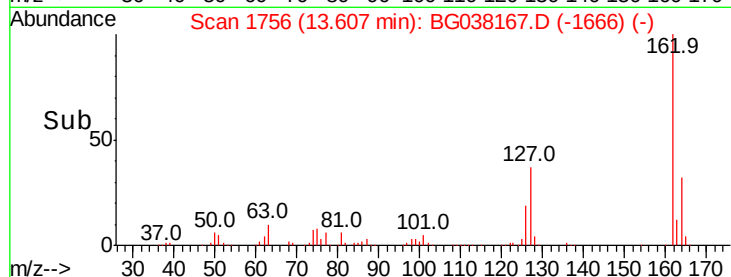
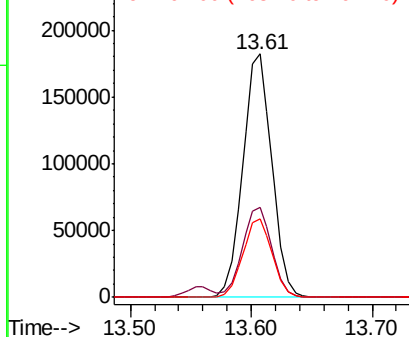
Tot Ion:	162	Resp:	304352
Ion Ratio	Lower	Upper	
162	100		
127	36.9	30.5	45.7
164	32.5	26.4	39.6

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 48.136 ng

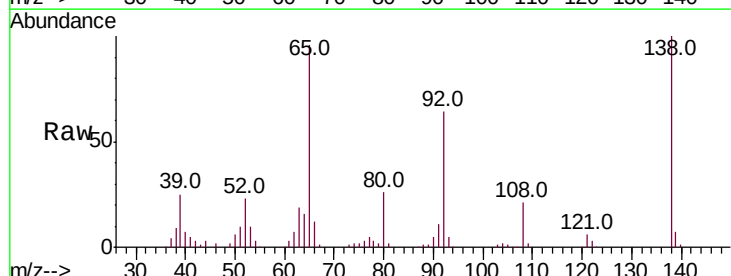
RT: 13.82 min Scan# 1792

Delta R.T. 0.01 min

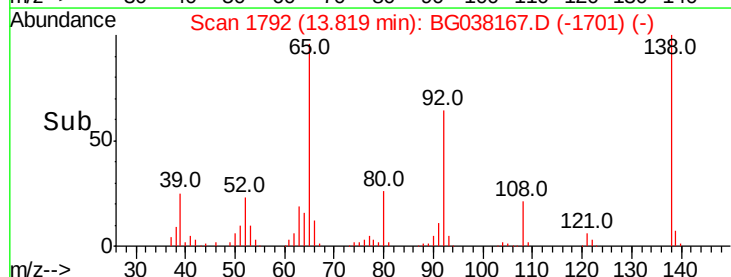
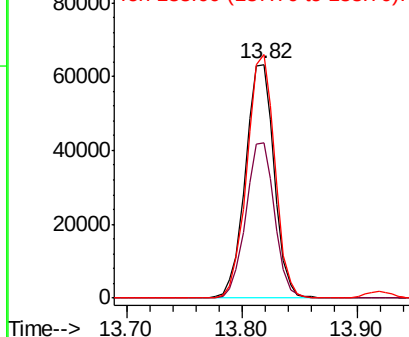
Lab File: BG038167.D

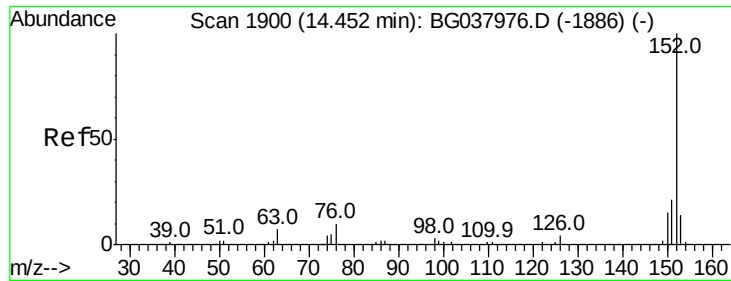
Acq: 27 Nov 2018 15:01

Tgt Ion:	65	Resp:	109391
Ion Ratio	Lower	Upper	
65	100		
92	66.2	53.2	79.8
138	104.2	79.3	118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.346 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Instrument :

BNA_G

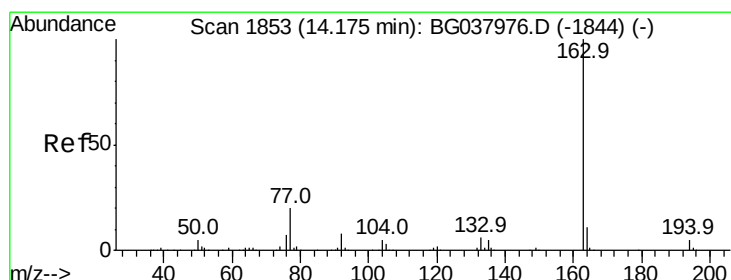
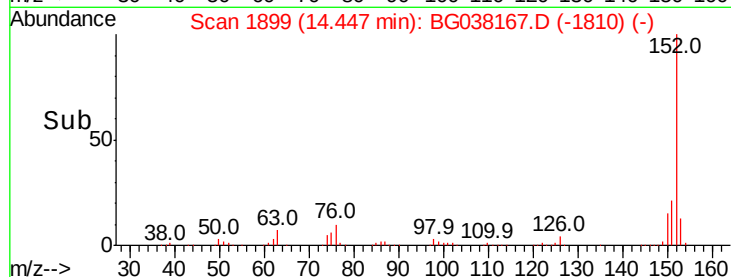
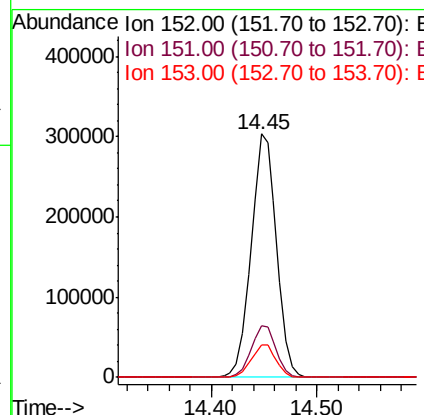
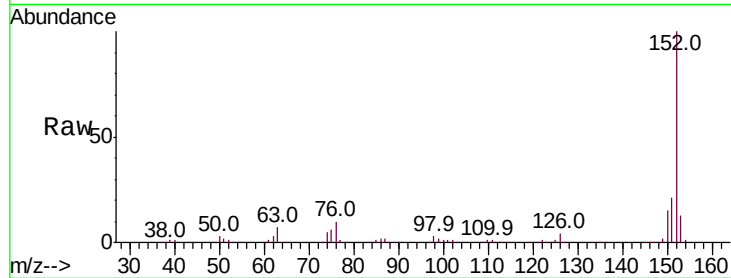
ClientSampleId :

PB115084BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.1	25.7
153	13.5	11.1	16.7

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#50

Dimethylphthalate

Concen: 43.887 ng

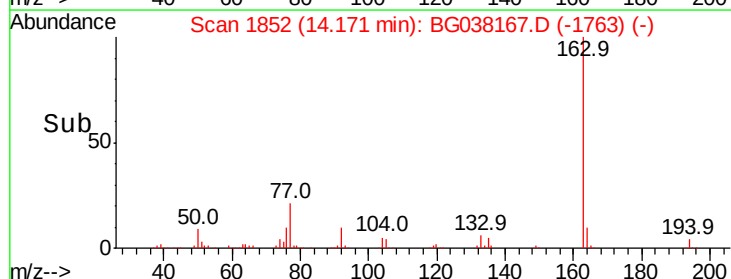
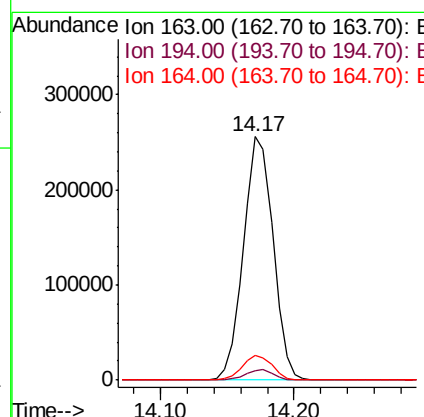
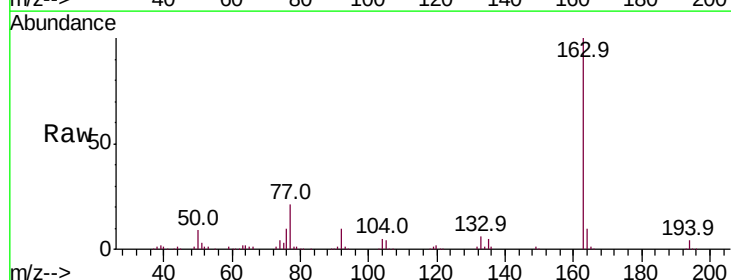
RT: 14.17 min Scan# 1852

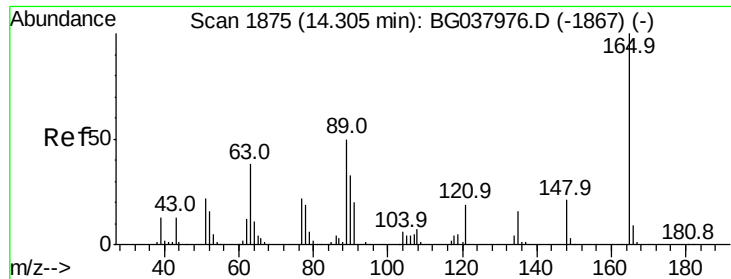
Delta R.T. -0.00 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.2	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 45.250 ng

RT: 14.31 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Instrument :

BNA_G

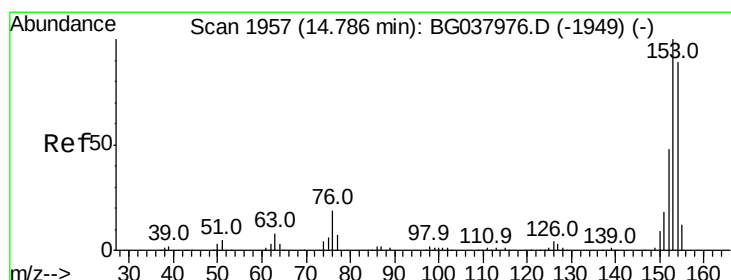
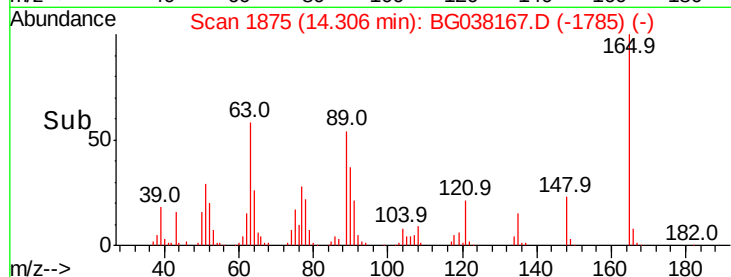
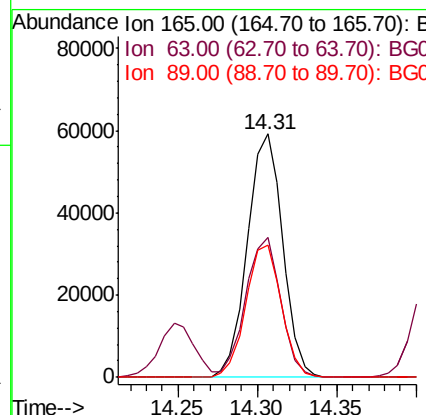
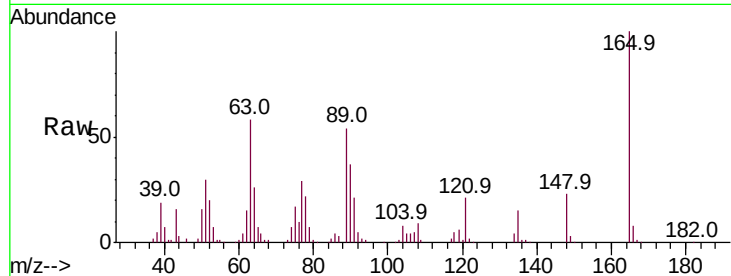
ClientSampleId :

PB115084BS

Tot Ion:	165	Resp:	91448
Ion Ratio	Lower	Upper	
165	100		
63	57.7	43.4	65.2
89	54.2	45.8	68.6

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#52

Acenaphthene

Concen: 44.160 ng

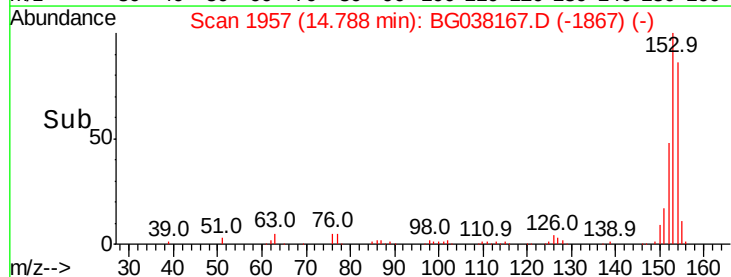
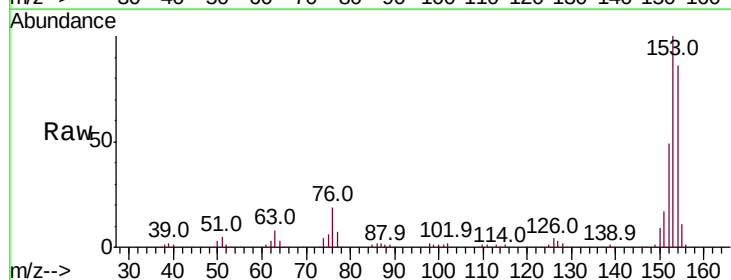
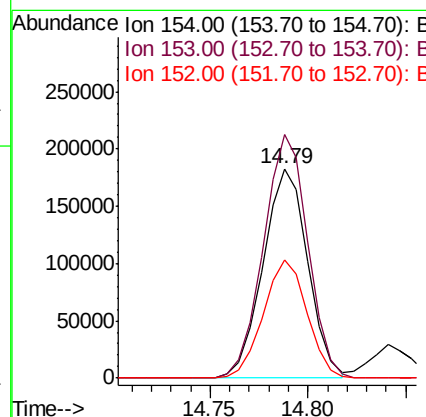
RT: 14.79 min Scan# 1957

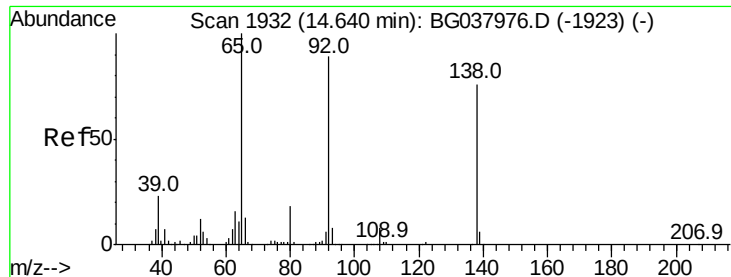
Delta R.T. 0.00 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Tgt Ion:	154	Resp:	288670
Ion Ratio	Lower	Upper	
154	100		
153	116.1	93.4	140.0
152	56.7	44.7	67.1





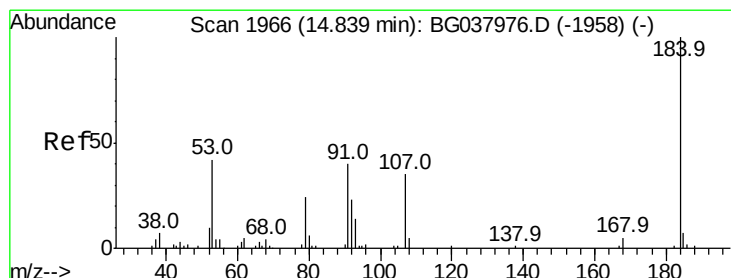
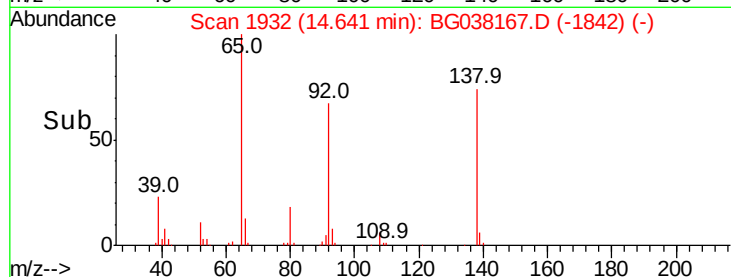
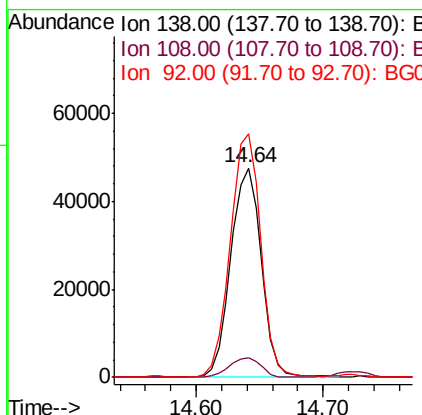
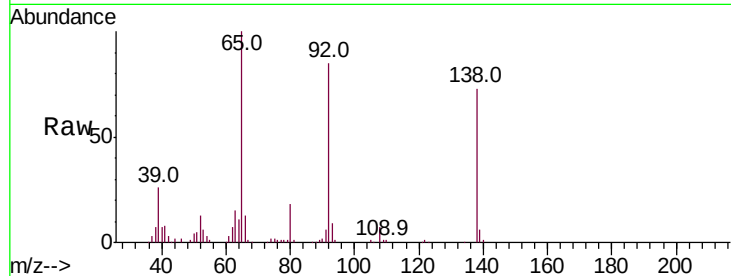
#53
3-Nitroaniline
Concen: 35.378 ng
RT: 14.64 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Instrument :
BNA_G
ClientSampleId :
PB115084BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	11.0	16.6#
92	116.1	95.2	142.8

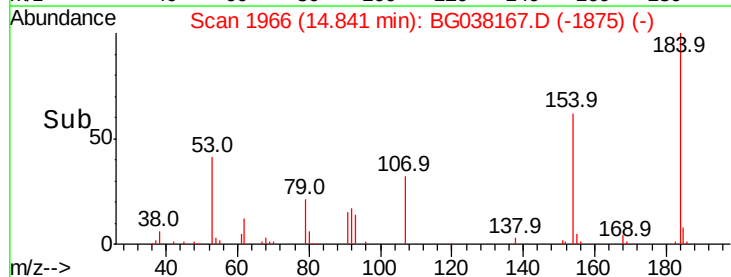
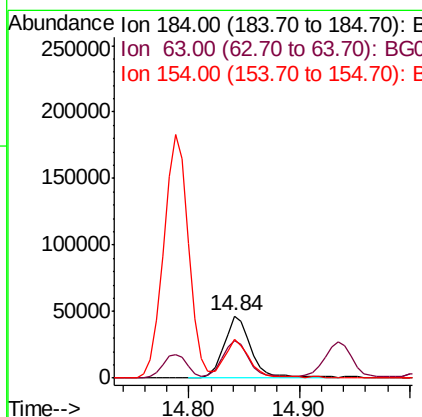
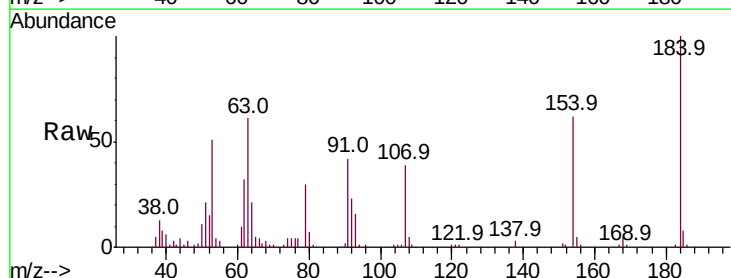
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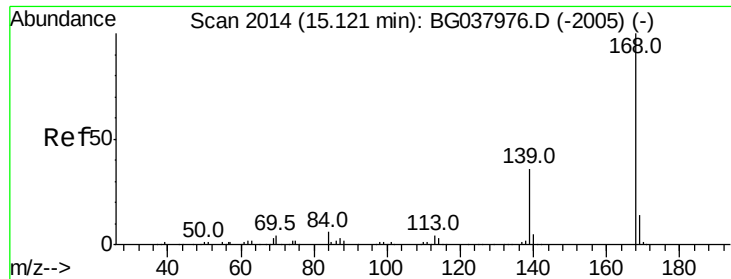
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#54
2,4-Dinitrophenol
Concen: 74.446 ng
RT: 14.84 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.1	42.6	63.8
154	62.0	41.8	62.6





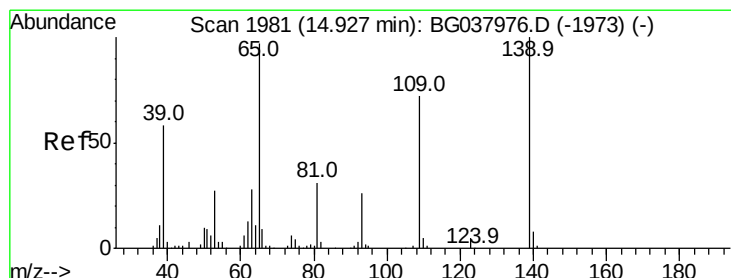
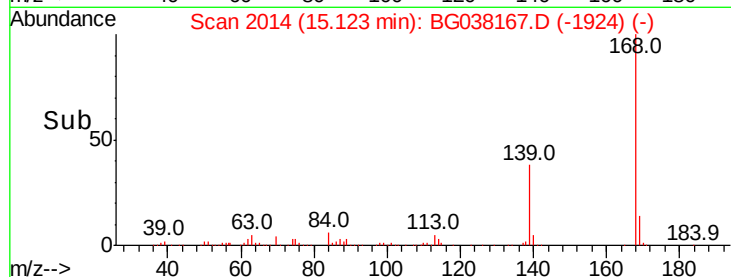
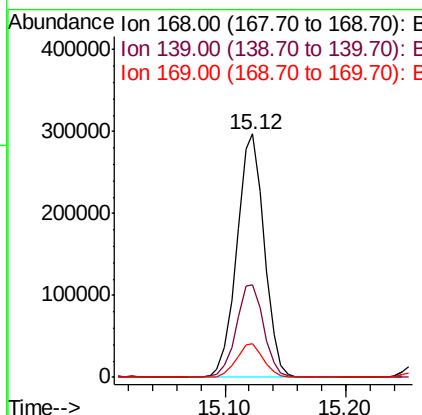
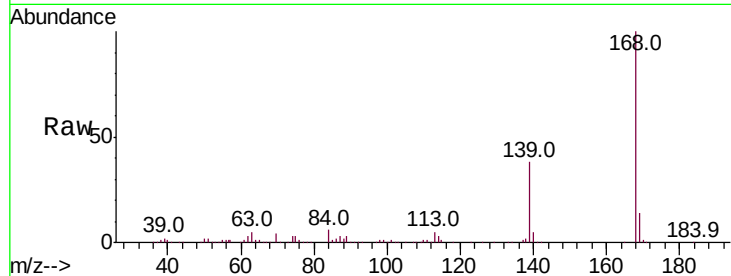
#55
Dibenzofuran
Concen: 43.315 ng
RT: 15.12 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Instrument :
BNA_G
ClientSampleId :
PB115084BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	29.4	44.0
169	13.6	11.0	16.6

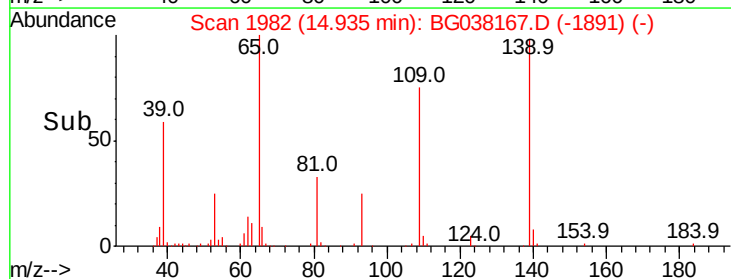
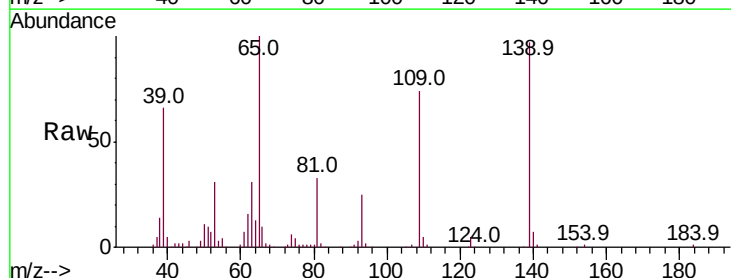
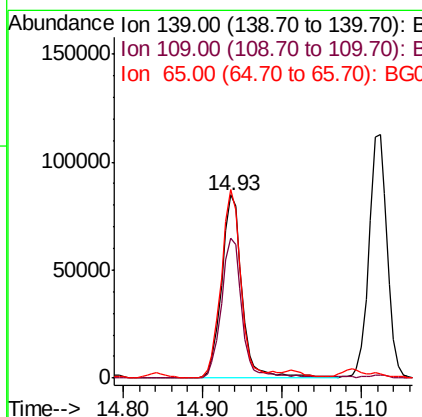
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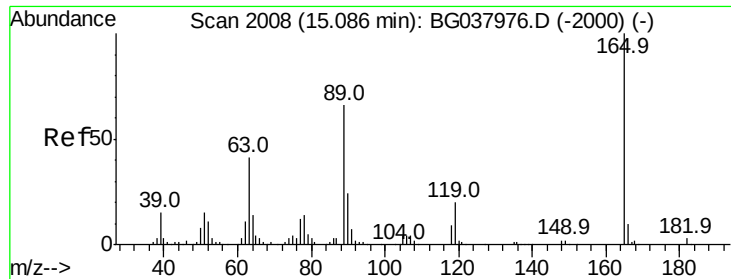
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#56
4-Nitrophenol
Concen: 88.289 ng
RT: 14.93 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.4	49.5	89.5
65	102.7	76.8	116.8





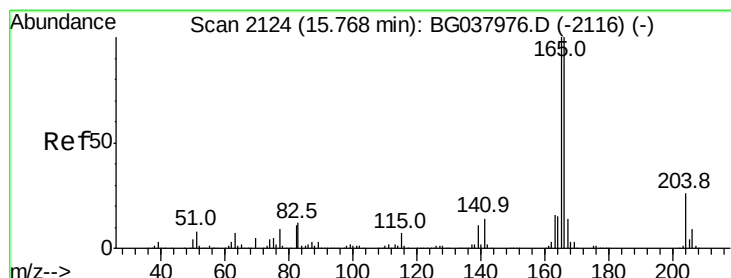
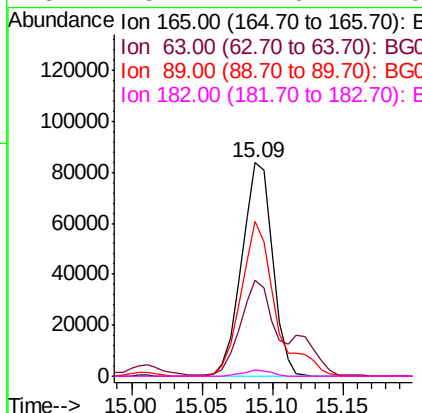
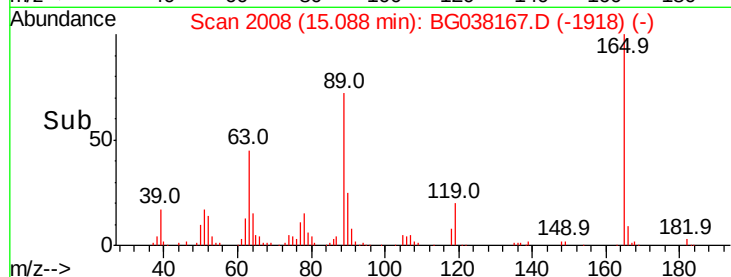
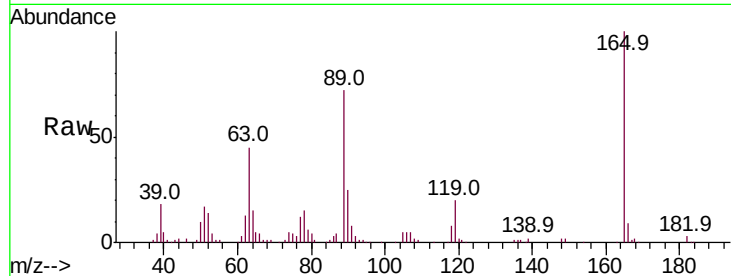
#57
2,4-Dinitrotoluene
Concen: 46.770 ng
RT: 15.09 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Instrument :
BNA_G
ClientSampleId :
PB115084BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	128602		
63	44.9	33.4	50.0	
89	72.3	57.2	85.8	
182	3.2	2.6	4.0	

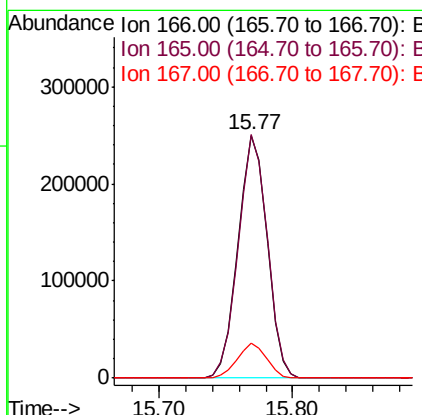
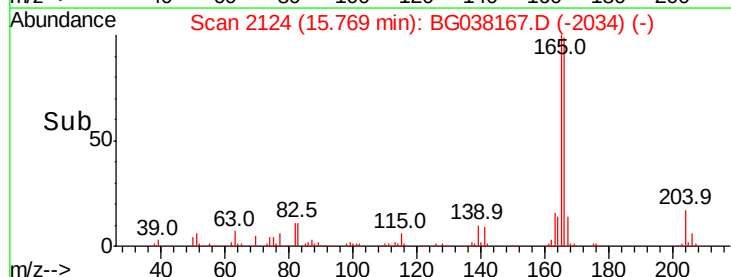
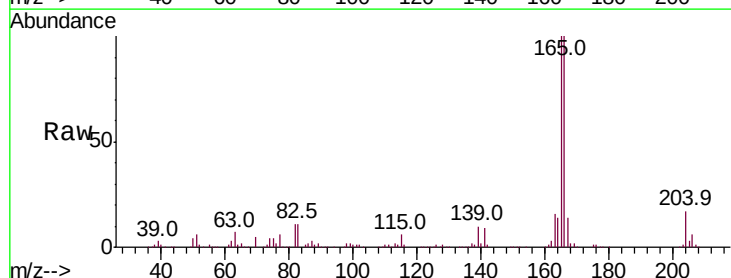
Manual Integrations
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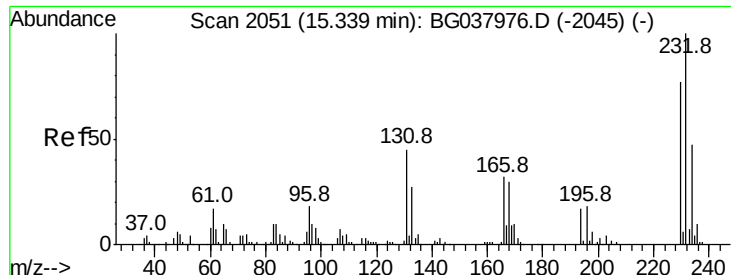
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#58
Fluorene
Concen: 46.886 ng
RT: 15.77 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	378131		
165	100.2	79.0	118.6	
167	14.5	11.3	16.9	





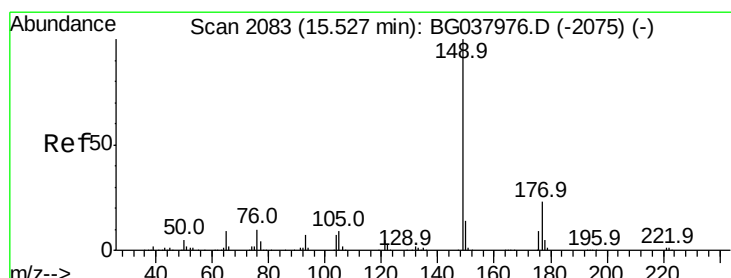
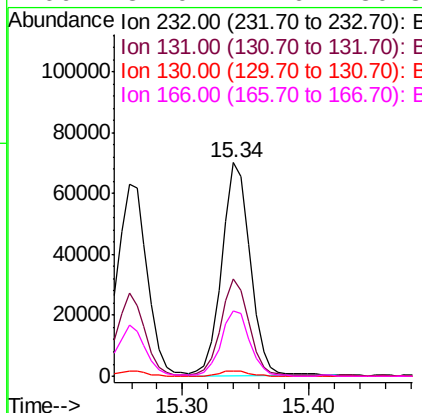
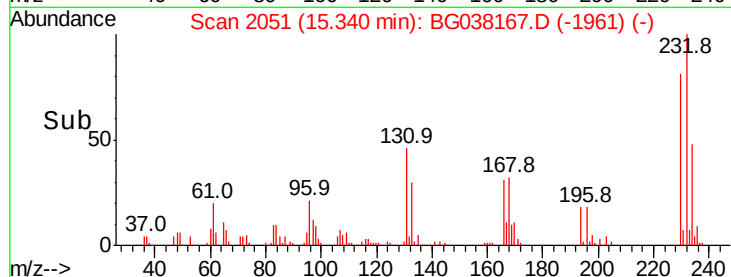
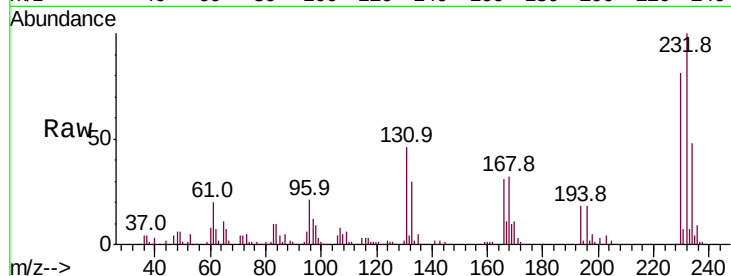
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.800 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG038167.D
 Acq: 27 Nov 2018 15:01

Instrument :
 BNA_G
 ClientSampleId :
 PB115084BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.6	33.7	50.5
130	2.6	2.1	3.1
166	31.0	24.6	36.8

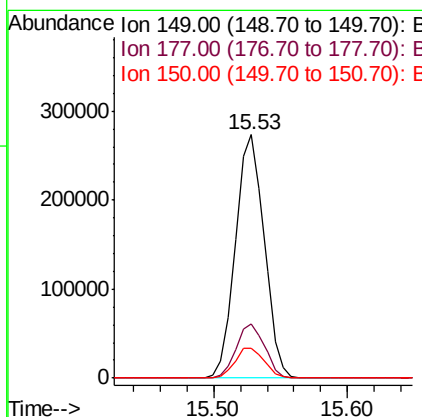
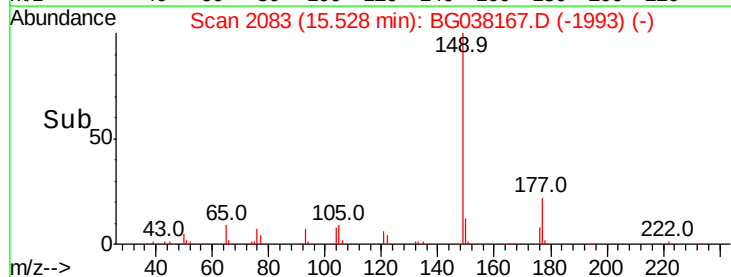
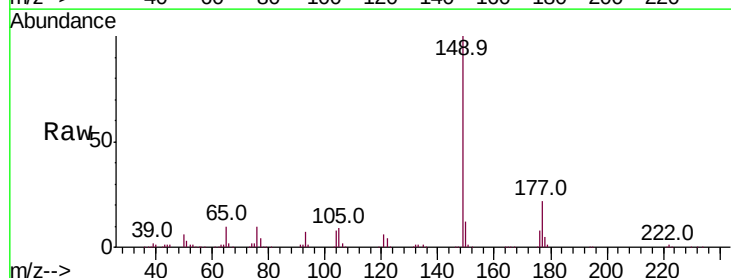
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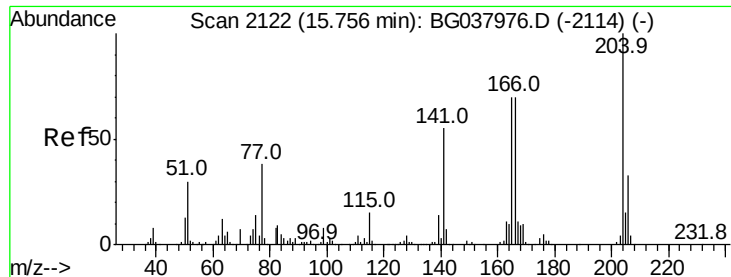
mohammad
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#60
 Diethylphthalate
 Concen: 43.078 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG038167.D
 Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.3	27.5
150	12.3	10.0	15.0





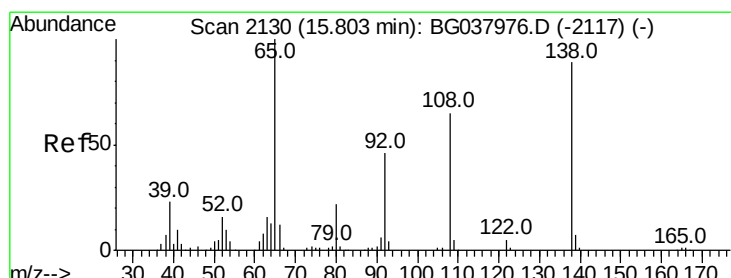
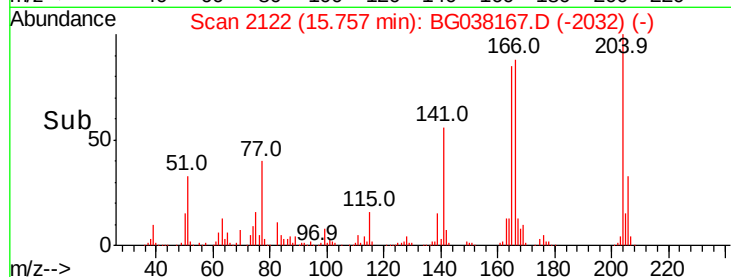
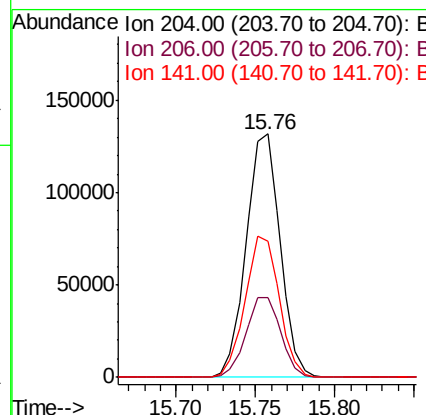
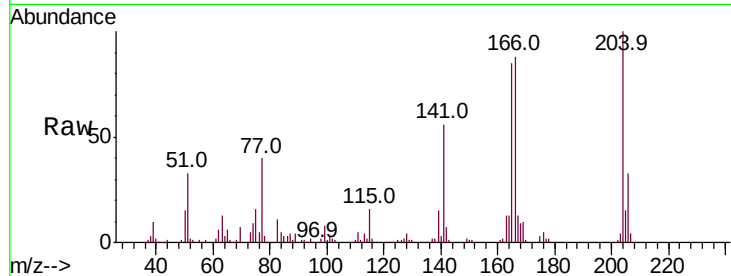
#61
4-Chlorophenyl-phenylether
Concen: 41.421 ng
RT: 15.76 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Instrument :
BNA_G
ClientSampleId :
PB115084BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	56.1	45.4	68.2

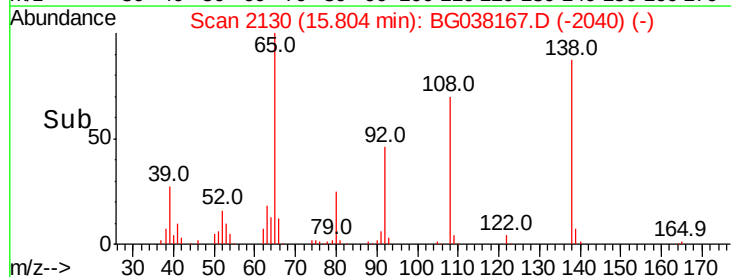
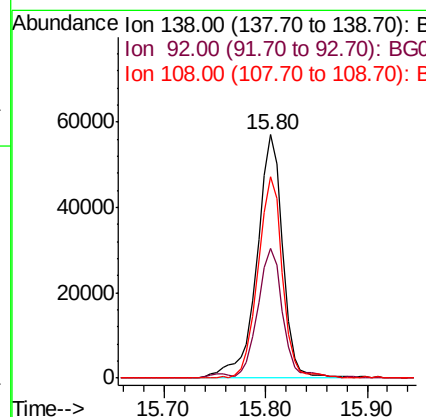
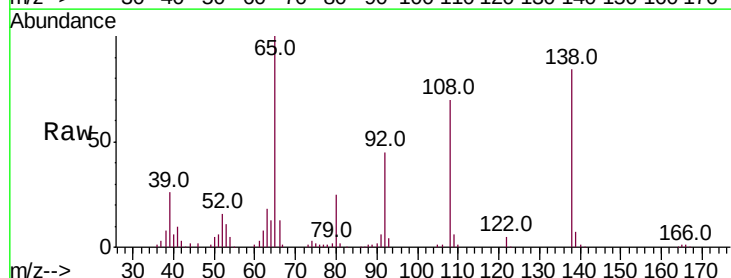
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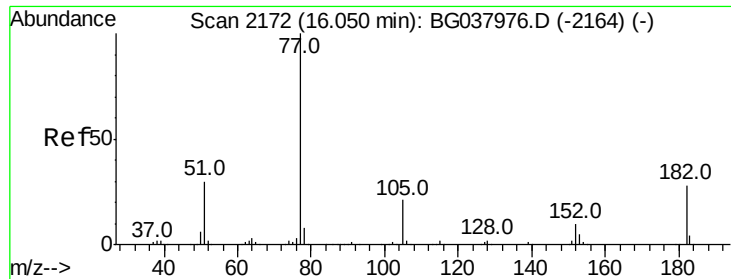
mohammad
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#62
4-Nitroaniline
Concen: 45.429 ng
RT: 15.80 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.2	36.4	76.4
108	82.6	60.1	100.1





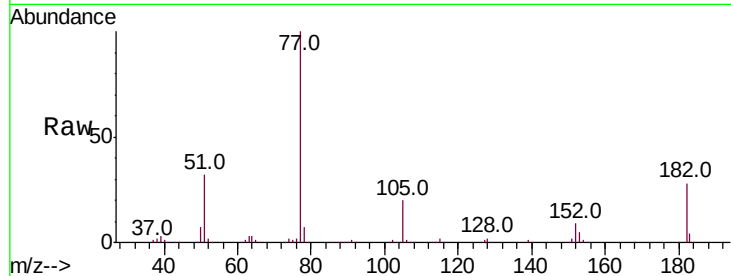
#63
Azobenzene
Concen: 45.579 ng
RT: 16.05 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Instrument :
BNA_G
ClientSampleId :
PB115084BS

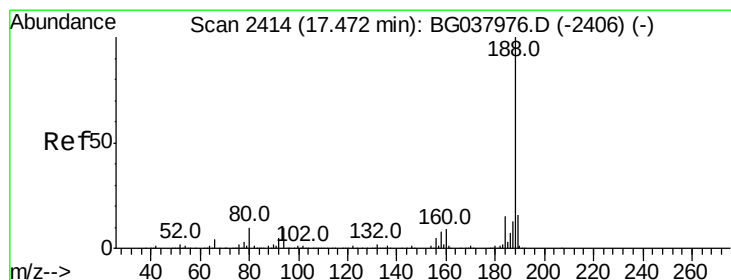
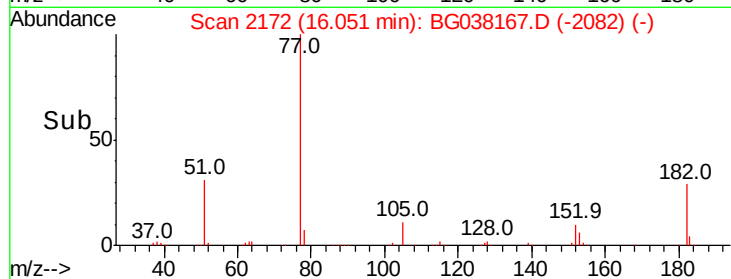
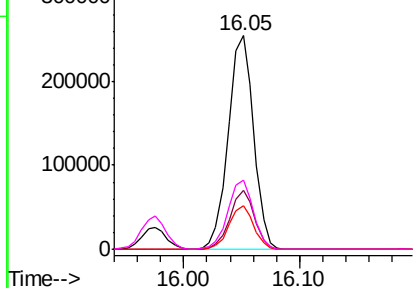
Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	27.5	8.0	48.0	
105	20.3	1.3	41.3	
51	32.3	10.7	50.7	

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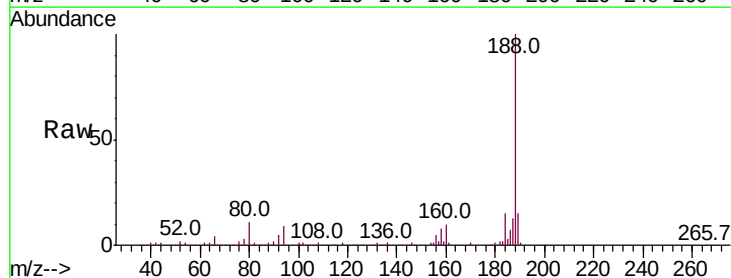


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

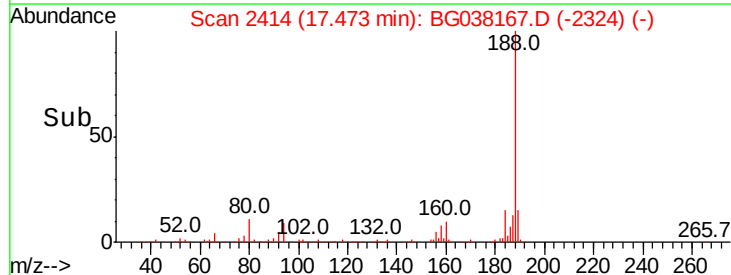
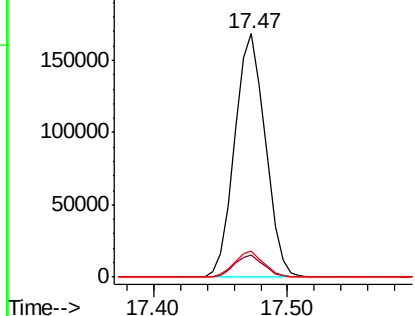


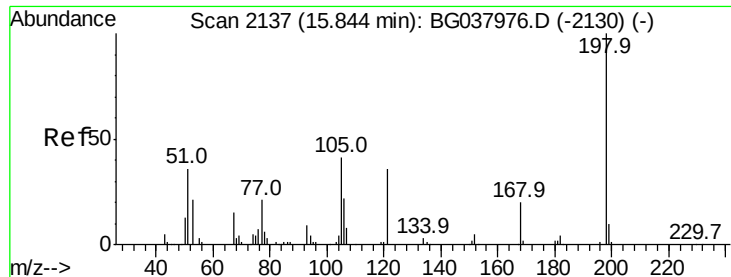
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.9	7.2	10.8	
80	10.5	7.7	11.5	



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





#65

4,6-Dinitro-2-methylphenol

Concen: 40.546 ng

RT: 15.85 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Instrument :

BNA_G

ClientSampleId :

PB115084BS

Tot Ion:198 Resp: 68673

Ion Ratio Lower Upper

198 100

51 51.8 22.7 62.7

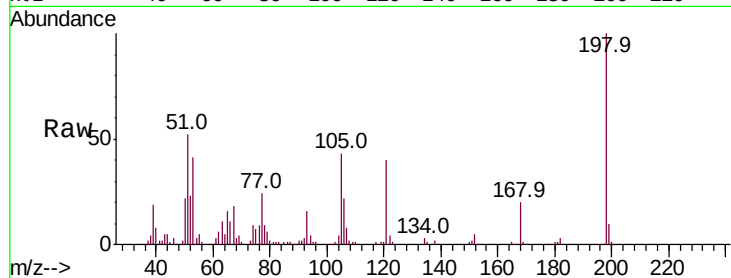
105 43.3 19.7 59.7

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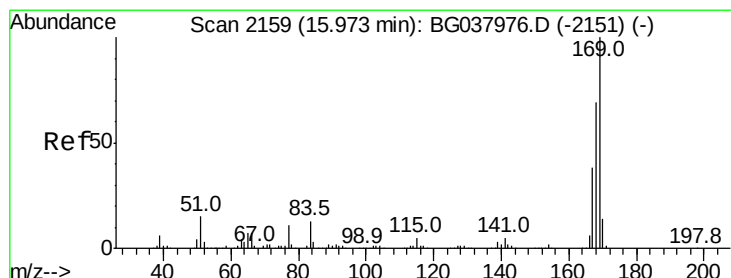
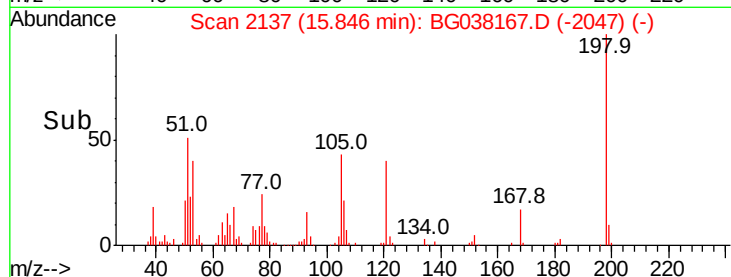
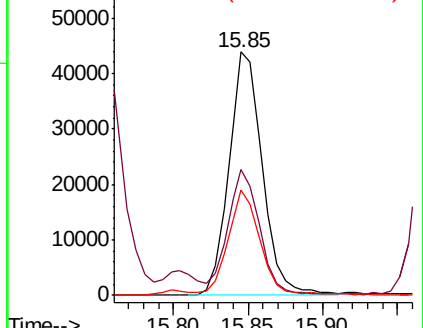
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.459 ng

RT: 15.97 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

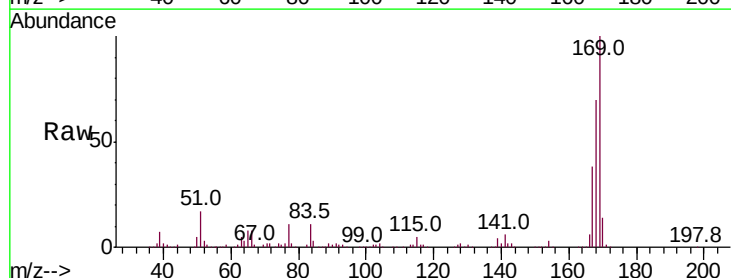
Tgt Ion:169 Resp: 343959

Ion Ratio Lower Upper

169 100

168 70.3 55.7 83.5

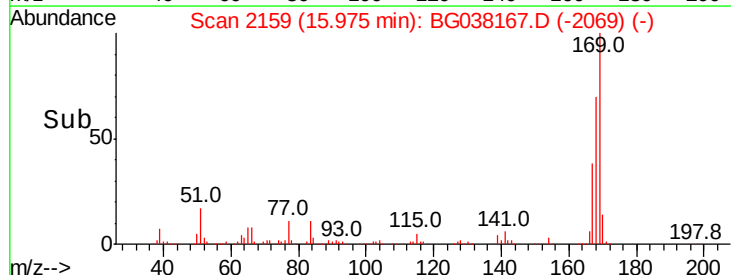
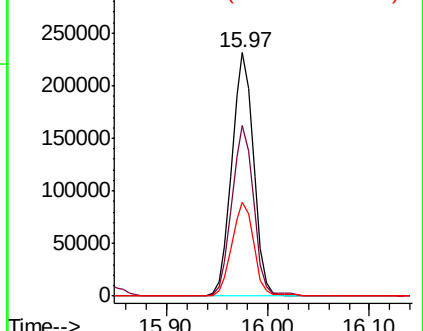
167 38.4 31.3 46.9

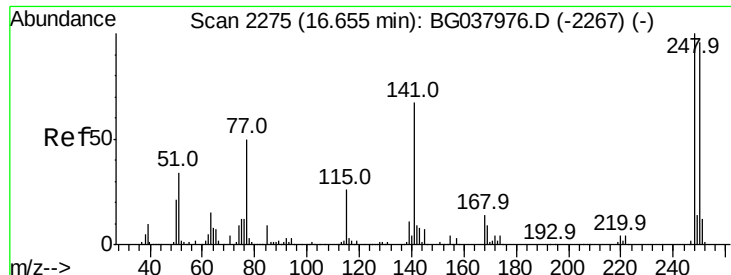


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





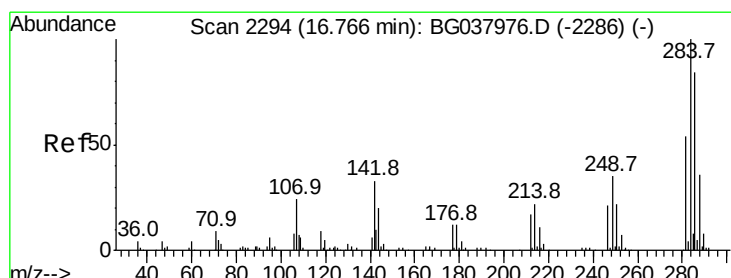
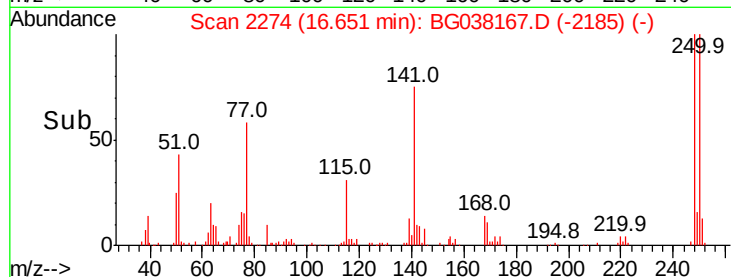
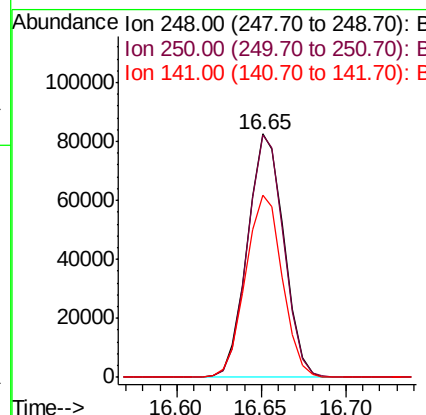
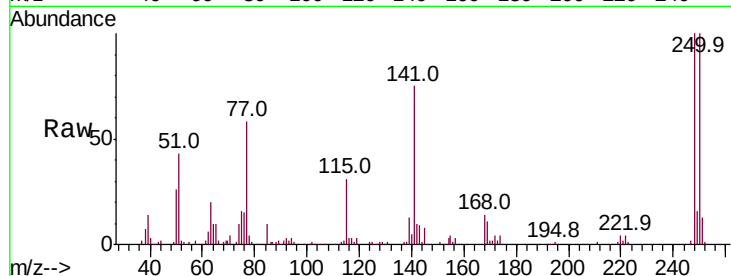
#67
4-Bromophenyl-phenylether
Concen: 42.006 ng
RT: 16.65 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Instrument :
BNA_G
ClientSampleId :
PB115084BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	77.0	115.6
141	74.6	55.5	83.3

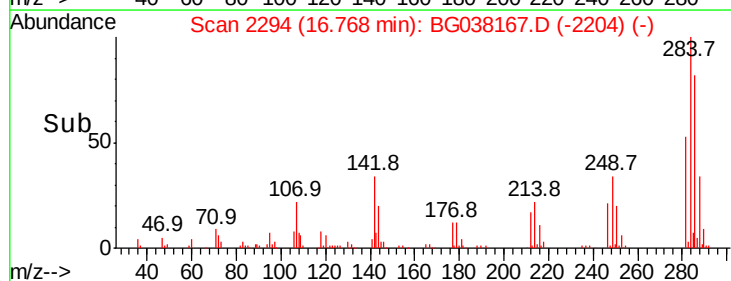
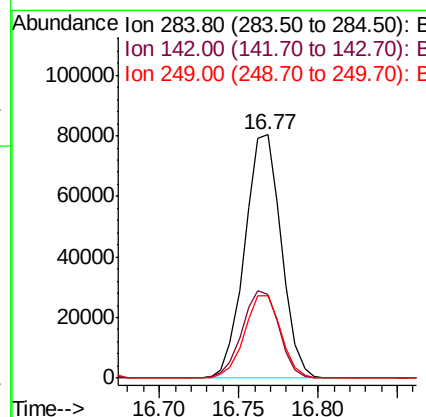
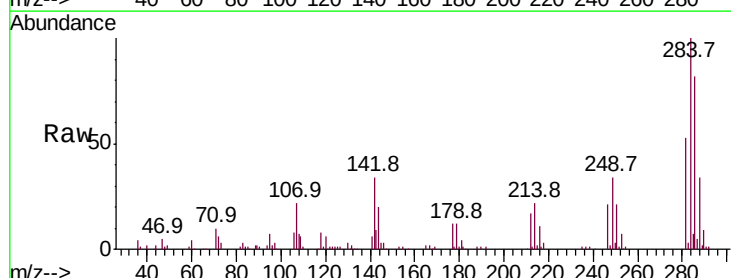
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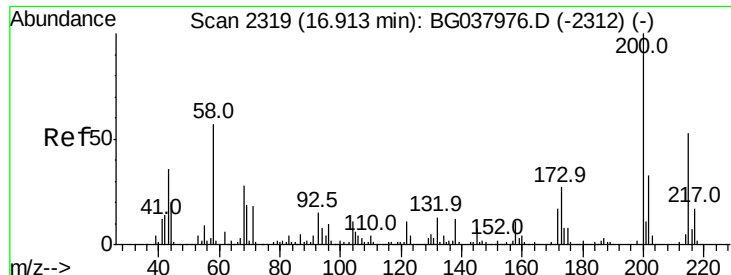
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#68
Hexachlorobenzene
Concen: 42.272 ng
RT: 16.77 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	28.1	42.1
249	36.4	29.8	44.8





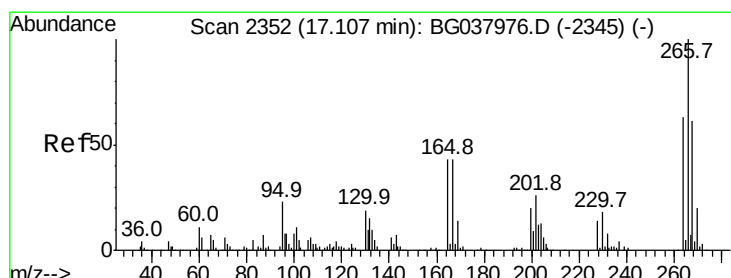
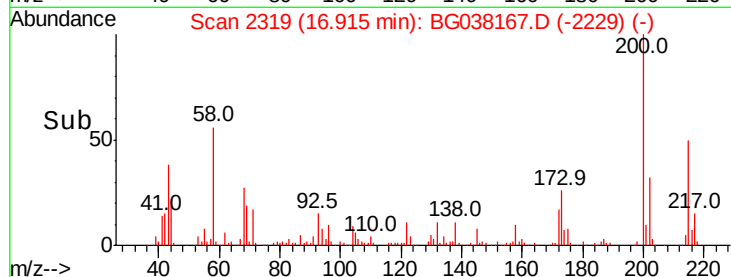
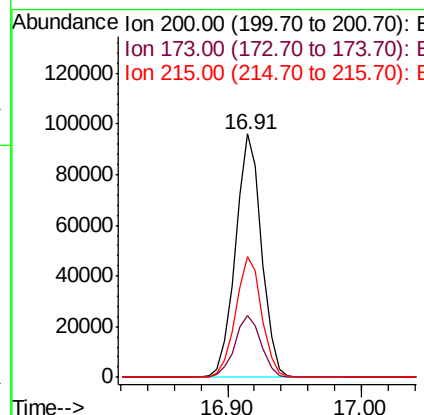
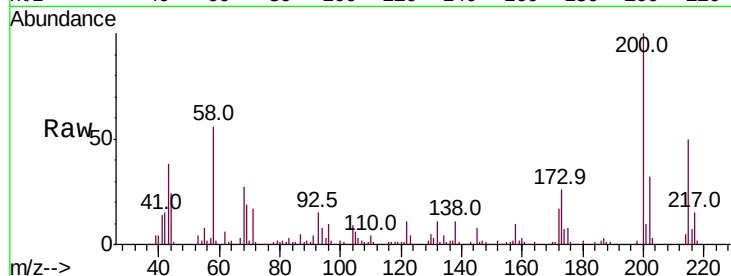
#69
Atrazine
Concen: 43.793 ng
RT: 16.91 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Instrument :
BNA_G
ClientSampleId :
PB115084BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	6.1	46.1
215	49.8	30.8	70.8

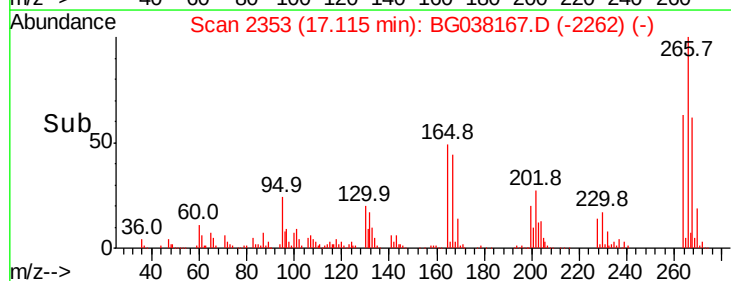
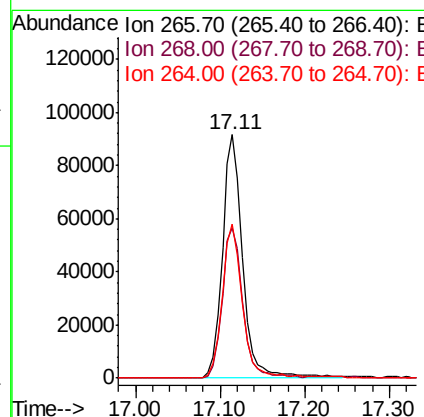
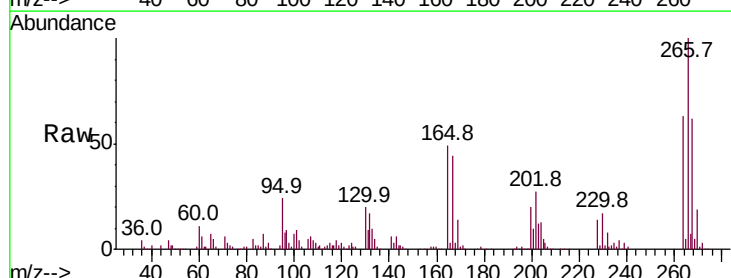
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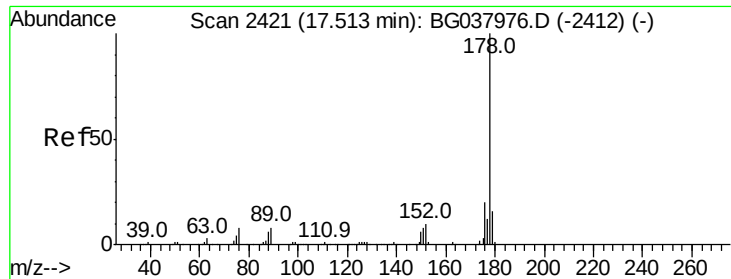
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#70
Pentachlorophenol
Concen: 74.677 ng
RT: 17.11 min Scan# 2353
Delta R.T. 0.01 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	55.0	82.6
264	68.5	58.9	88.3





#71

Phenanthrene

Concen: 45.824 ng

RT: 17.51 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Instrument :

BNA_G

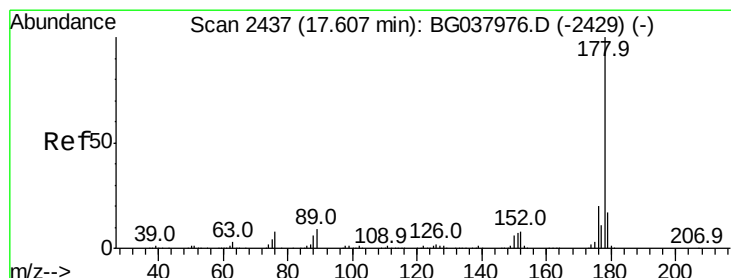
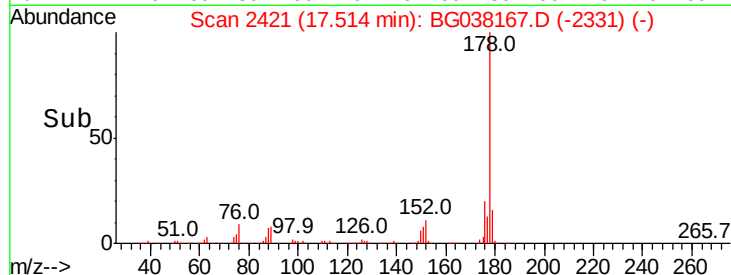
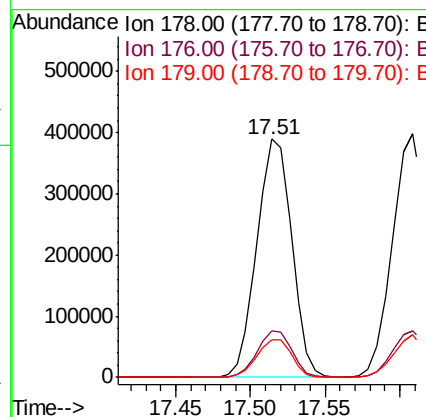
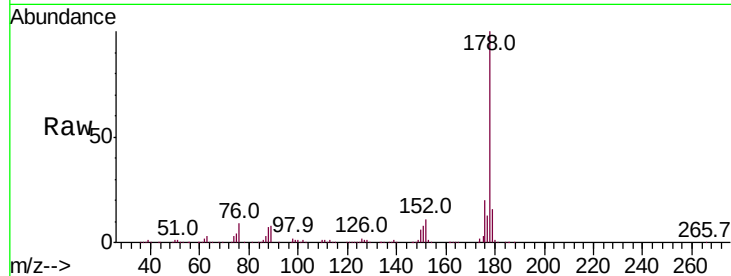
ClientSampleId :

PB115084BS

Tot Ion:178	Resp:	628245
Ion Ratio	Lower	Upper
178	100	
176	19.8	16.1 24.1
179	15.8	13.0 19.4

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#72

Anthracene

Concen: 47.541 ng

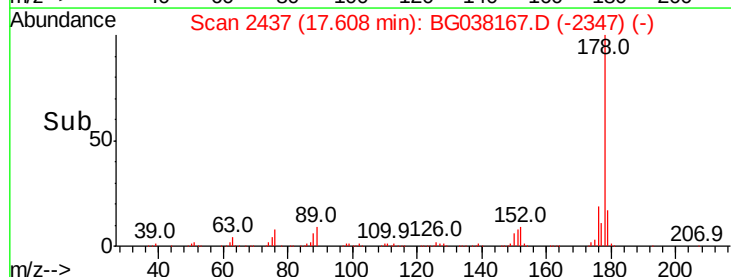
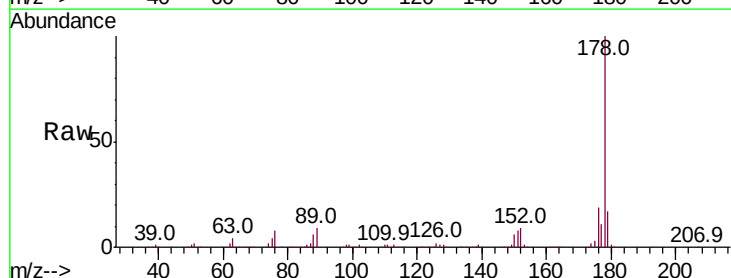
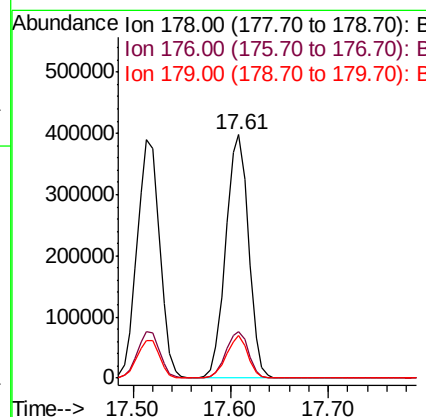
RT: 17.61 min Scan# 2437

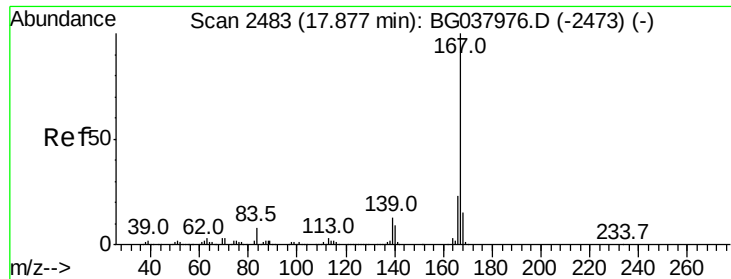
Delta R.T. 0.00 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Tgt Ion:178	Resp:	642489
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.0 22.4
179	17.4	12.8 19.2





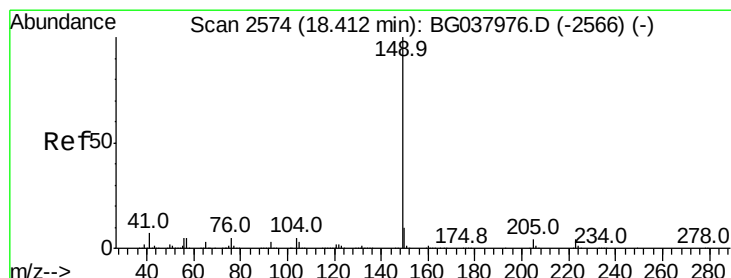
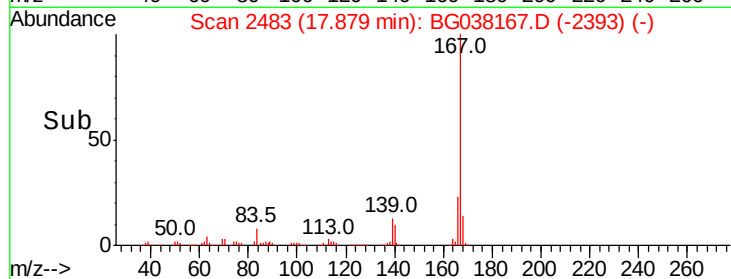
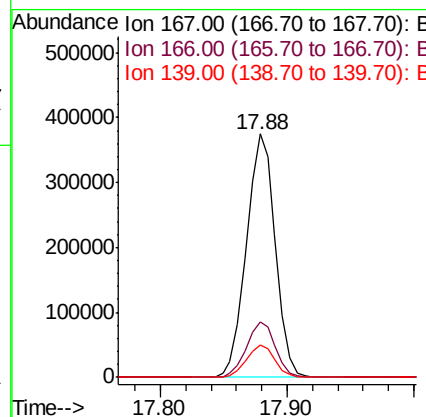
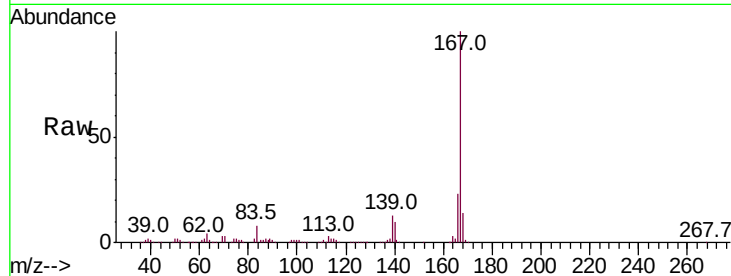
#73
 Carbazole
 Concen: 43.500 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BG038167.D
 Acq: 27 Nov 2018 15:01

Instrument :
 BNA_G
 ClientSampleId :
 PB115084BS

Tot Ion:	167	Resp:	589807
Ion Ratio	Lower	Upper	
167	100		
166	23.0	18.3	27.5
139	13.1	10.5	15.7

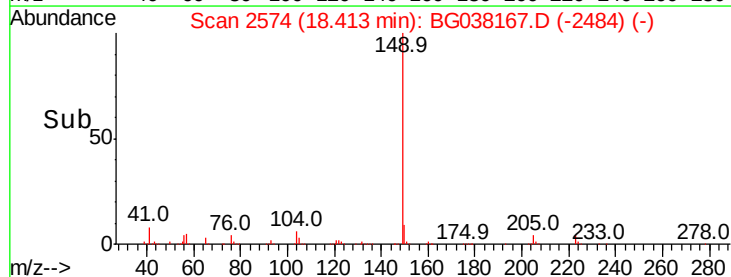
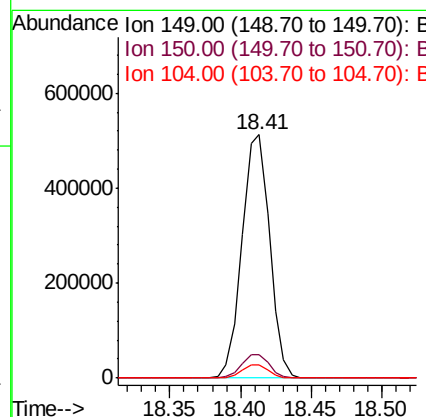
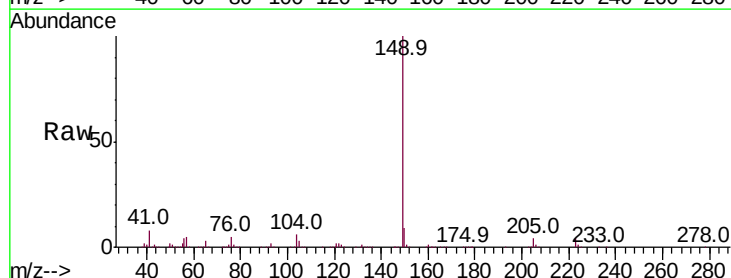
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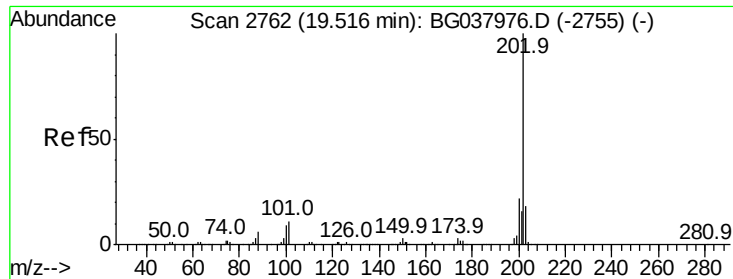
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#74
 Di-n-butylphthalate
 Concen: 46.228 ng
 RT: 18.41 min Scan# 2574
 Delta R.T. 0.00 min
 Lab File: BG038167.D
 Acq: 27 Nov 2018 15:01

Tgt Ion:	149	Resp:	703614
Ion Ratio	Lower	Upper	
149	100		
150	9.4	8.2	12.2
104	5.5	4.0	6.0





#75

Fluoranthene

Concen: 48.403 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Instrument :

BNA_G

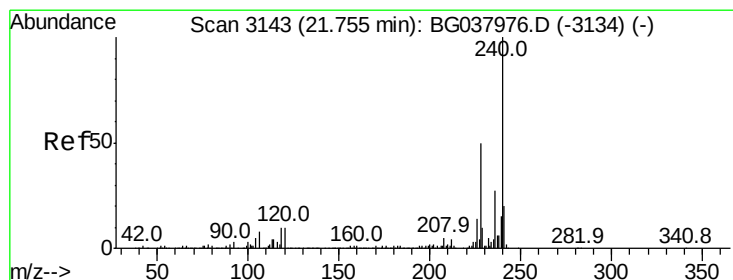
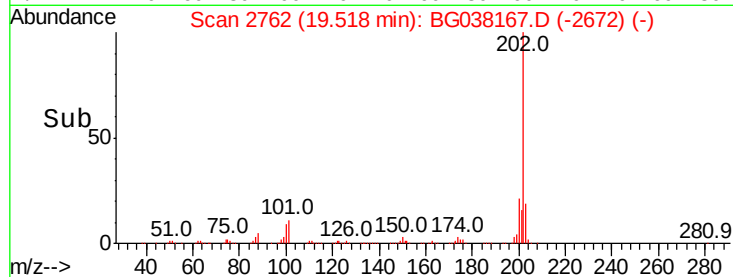
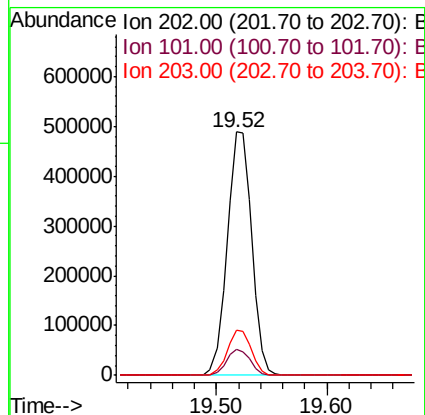
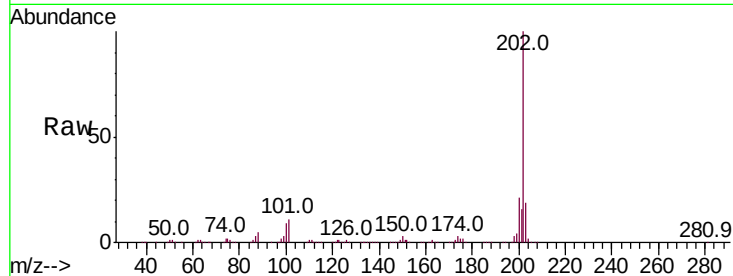
ClientSampleId :

PB115084BS

Tot Ion:	202	Resp:	757119
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	30.7
203	18.7	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

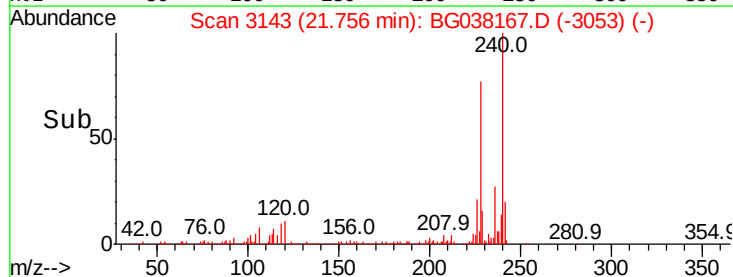
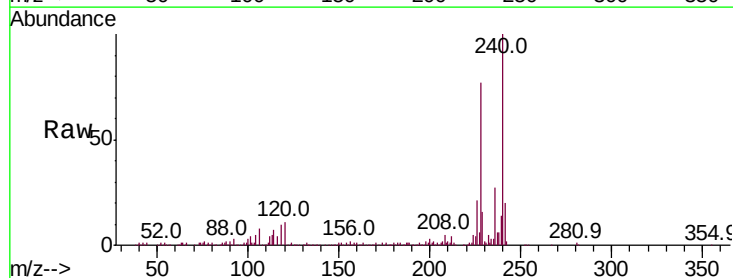
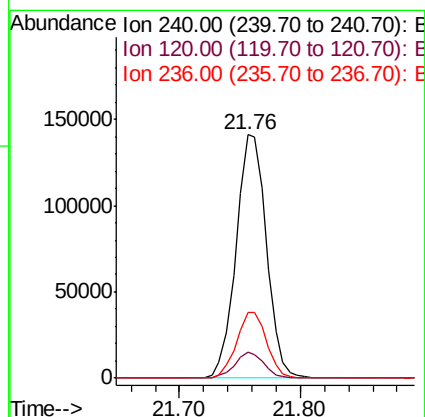
RT: 21.76 min Scan# 3143

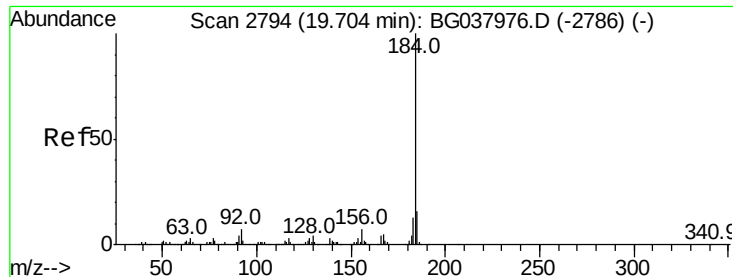
Delta R.T. 0.00 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Tgt Ion:	240	Resp:	247487
Ion Ratio	Lower	Upper	
240	100		
120	10.7	8.1	12.1
236	27.0	21.4	32.0





#77

Benzidine

Concen: 33.091 ng

RT: 19.71 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Instrument :

BNA_G

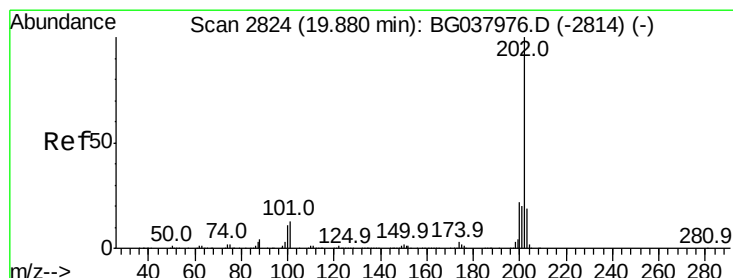
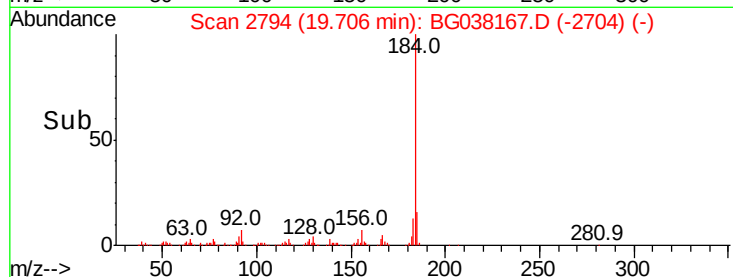
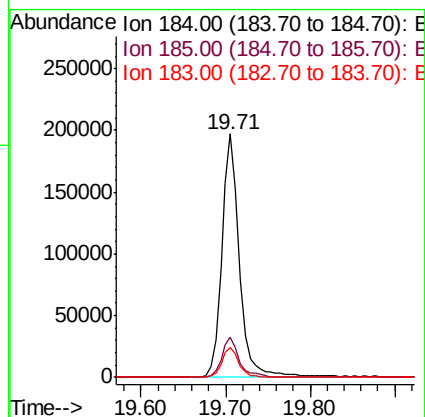
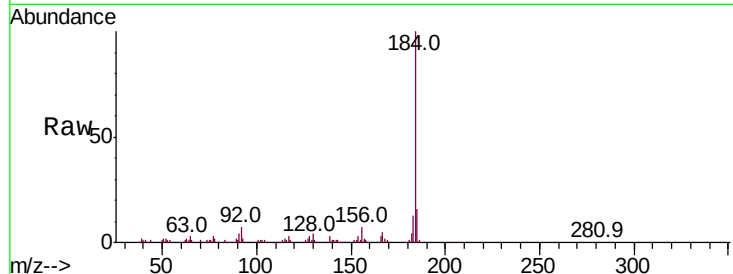
ClientSampleId :

PB115084BS

Tot Ion:	184	Resp:	287365
Ion Ratio	Lower	Upper	
184	100		
185	16.3	12.6	18.8
183	12.5	10.2	15.2

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#78

Pyrene

Concen: 46.338 ng

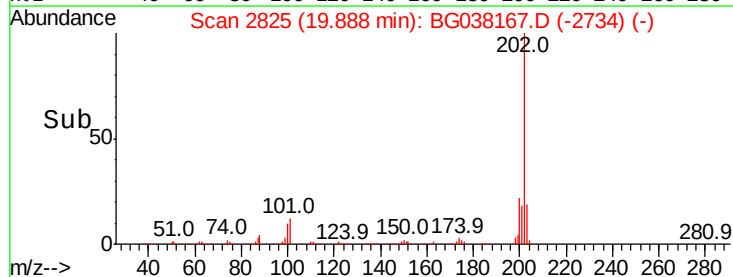
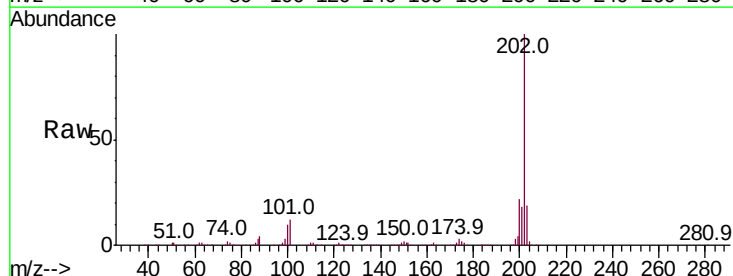
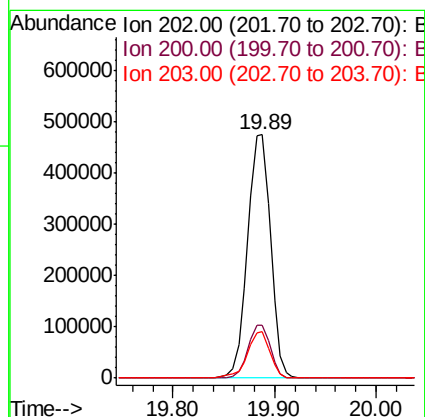
RT: 19.89 min Scan# 2825

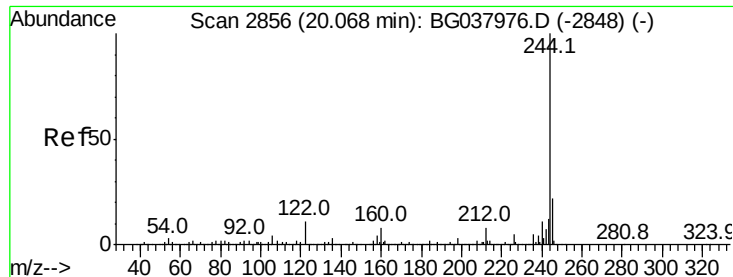
Delta R.T. 0.01 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Tgt Ion:	202	Resp:	749797
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.8	26.6
203	18.9	15.2	22.8





#79

Terphenyl-d14

Concen: 75.371 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Instrument :

BNA_G

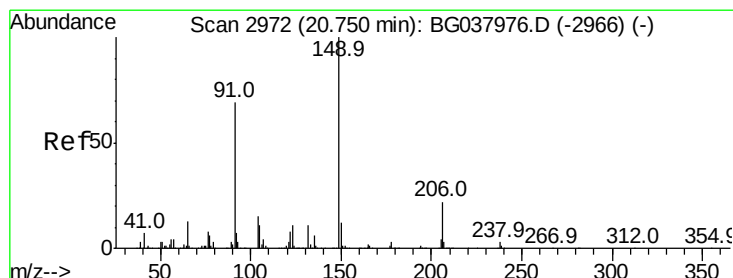
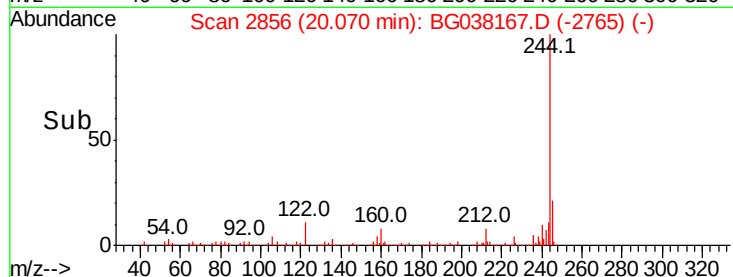
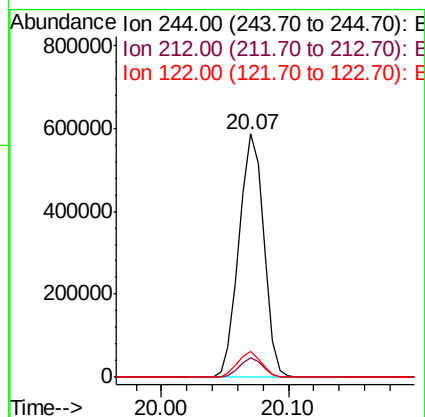
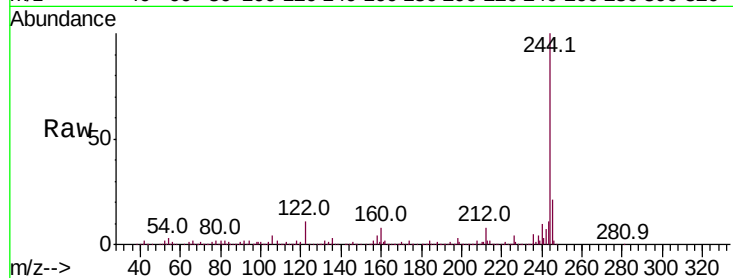
ClientSampleId :

PB115084BS

Tot Ion:	244	Resp:	792744
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.5	9.7
122	10.7	9.0	13.4

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#80

Butylbenzylphthalate

Concen: 46.374 ng

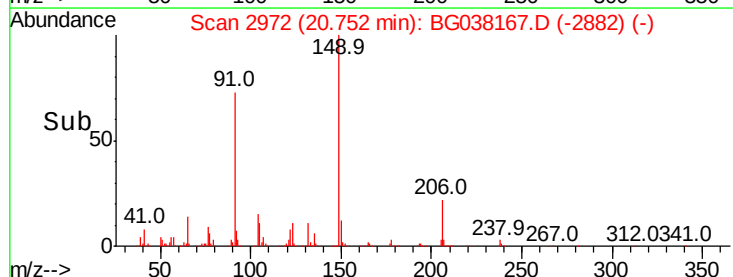
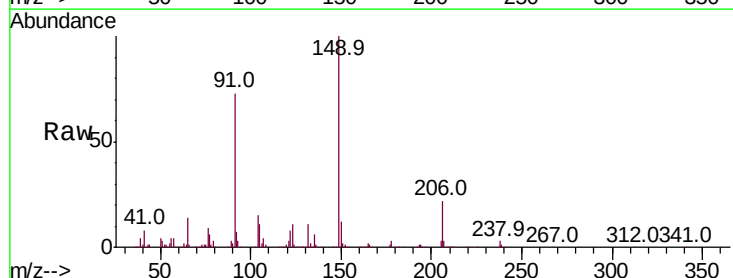
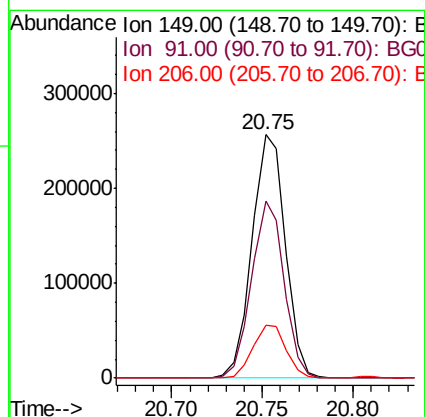
RT: 20.75 min Scan# 2972

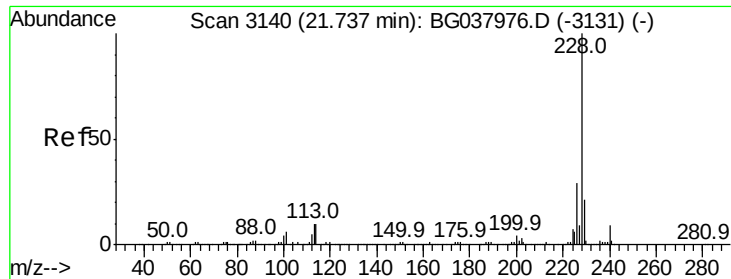
Delta R.T. 0.00 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Tgt Ion:	149	Resp:	328151
Ion Ratio	Lower	Upper	
149	100		
91	72.6	57.0	85.4
206	22.0	17.8	26.6





#81

Benzo(a)anthracene

Concen: 47.435 ng

RT: 21.74 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Instrument :

BNA_G

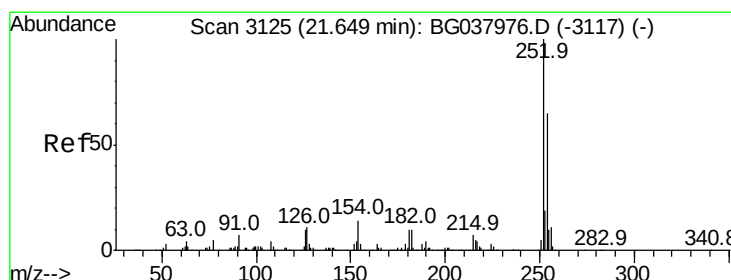
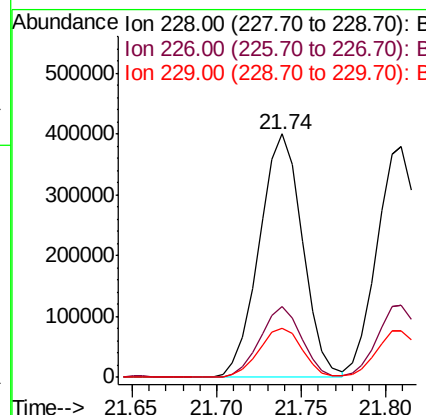
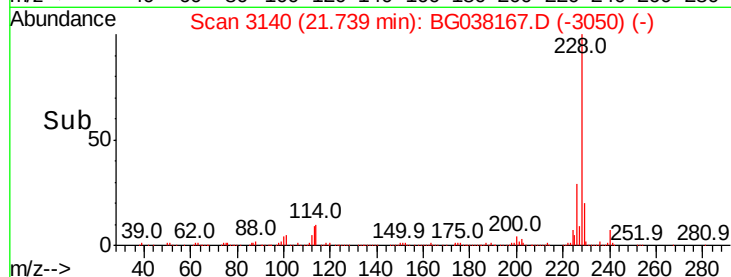
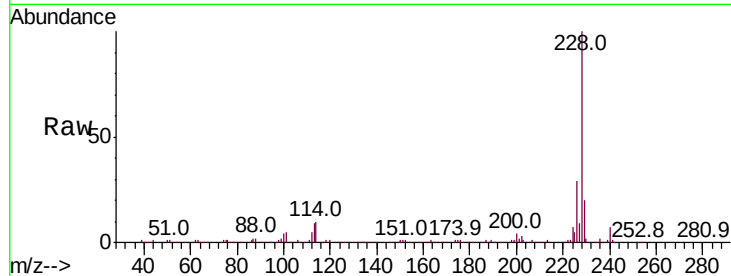
ClientSampleId :

PB115084BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	20.2	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 34.104 ng

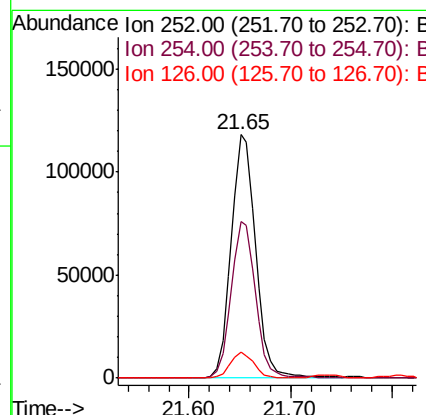
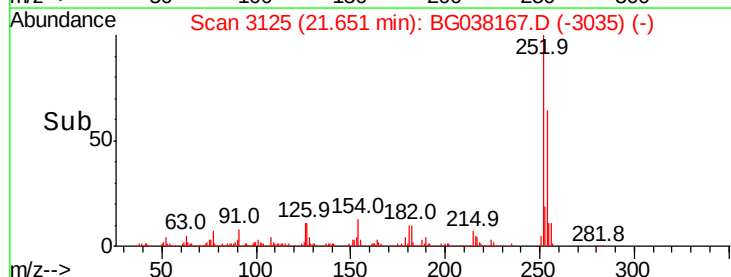
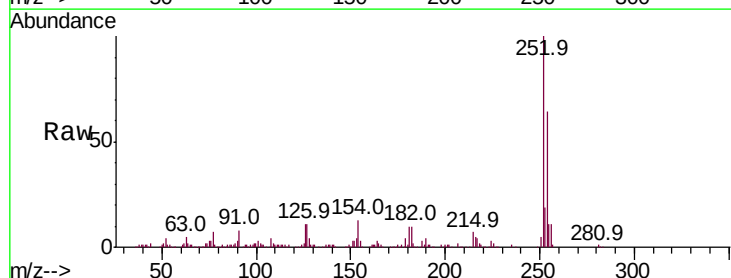
RT: 21.65 min Scan# 3125

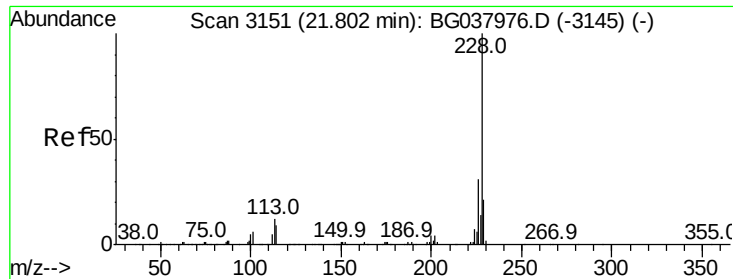
Delta R.T. 0.00 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.0	78.0
126	10.9	8.2	12.4





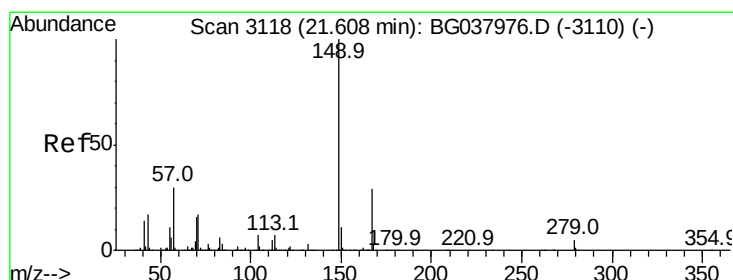
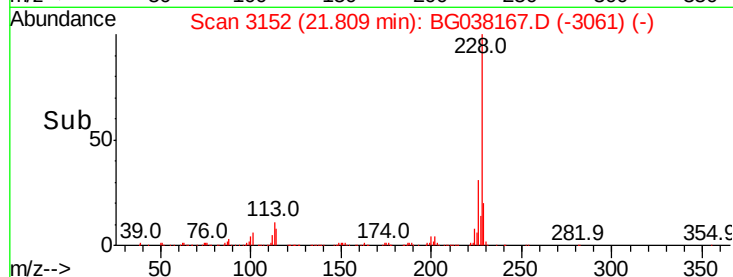
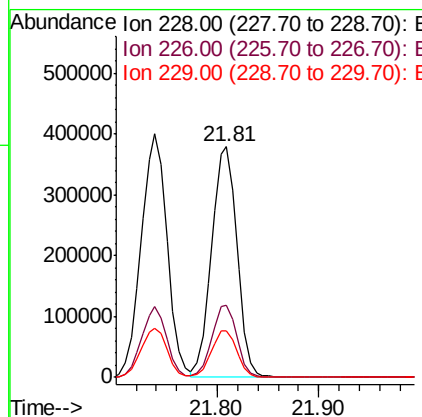
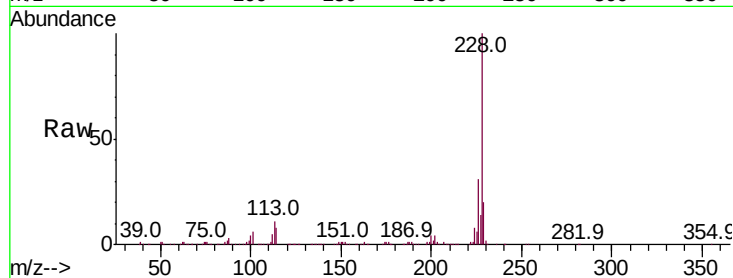
#83
 Chrysene
 Concen: 45.968 ng
 RT: 21.81 min Scan# 3152
 Delta R.T. 0.01 min
 Lab File: BG038167.D
 Acq: 27 Nov 2018 15:01

Instrument :
 BNA_G
 ClientSampleId :
 PB115084BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.7	38.5
229	20.2	16.5	24.7

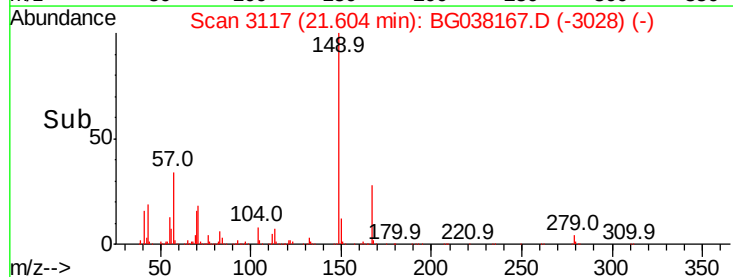
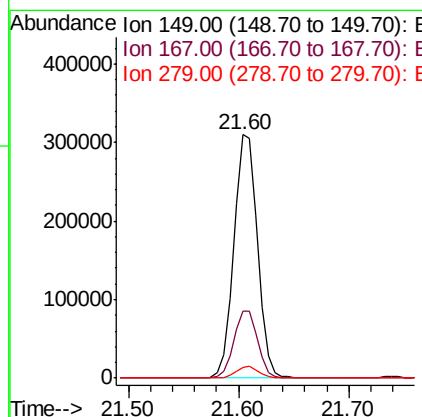
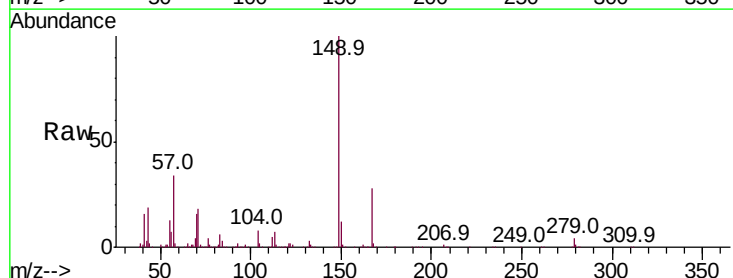
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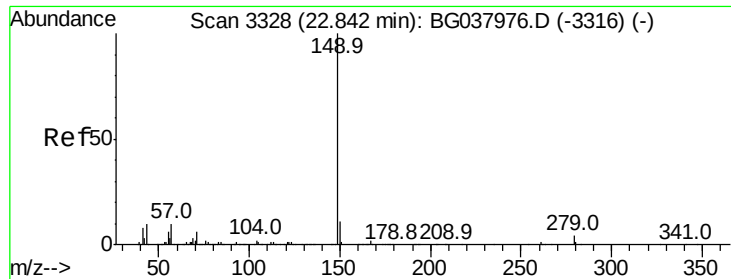
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.000 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.00 min
 Lab File: BG038167.D
 Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	23.0	34.4
279	4.2	3.6	5.4





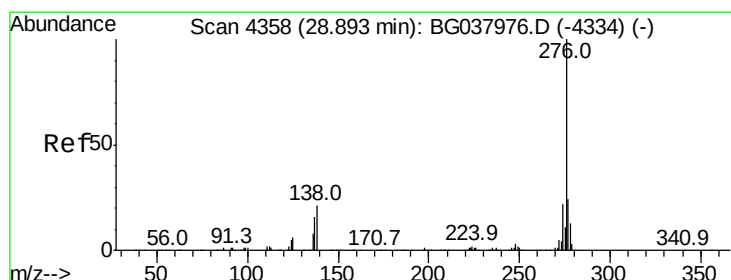
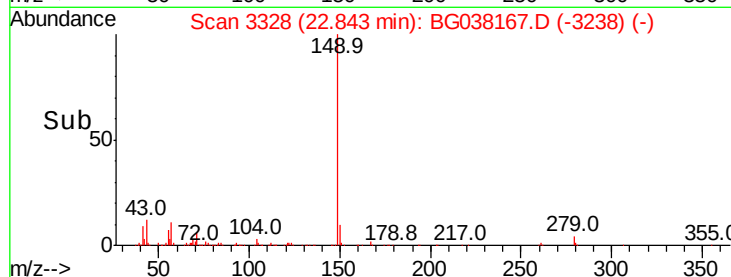
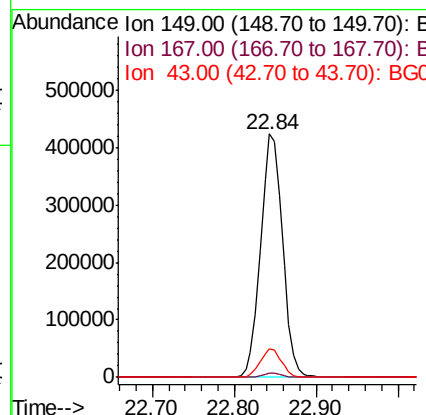
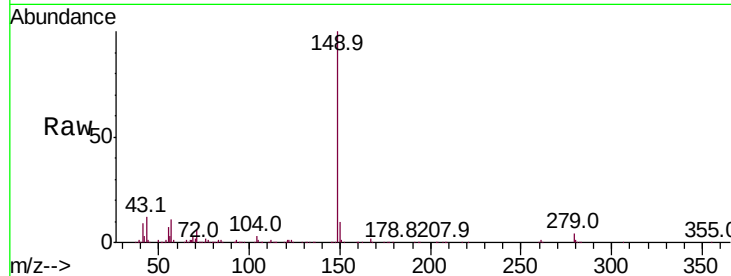
#85
Di-n-octyl phthalate
Concen: 48.468 ng
RT: 22.84 min Scan# 3328
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Instrument :
BNA_G
ClientSampleId :
PB115084BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	791276		
167	1.7	1.3	1.9	
43	11.4	8.7	13.1	

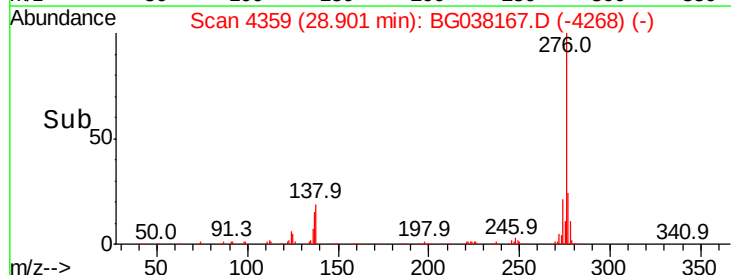
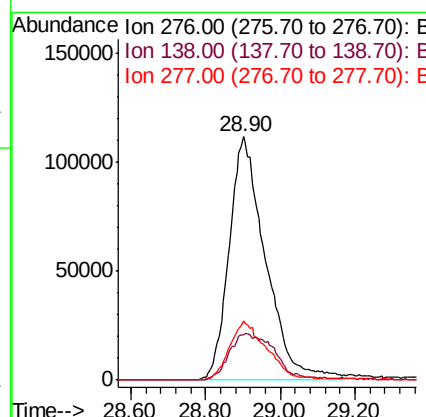
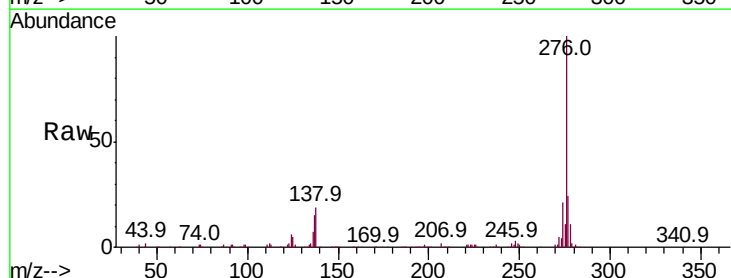
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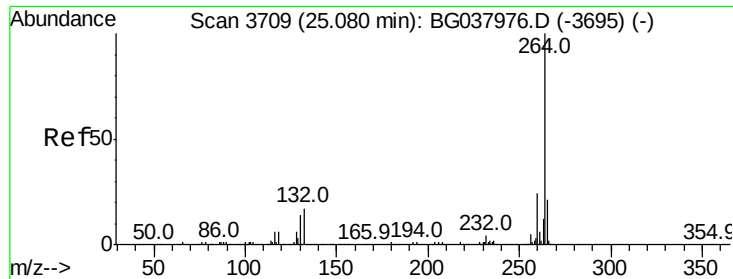
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.483 ng
RT: 28.90 min Scan# 4359
Delta R.T. 0.01 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	754639		
138	23.4	12.0	18.0#	
277	24.8	20.6	30.8	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

Delta R.T. 0.01 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Instrument :

BNA_G

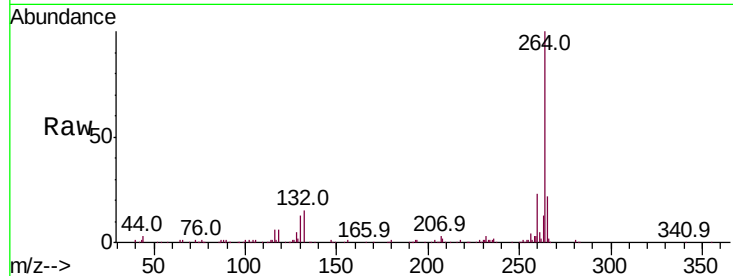
ClientSampled :

PB115084BS

Tot Ion	Ratio	Resp	Lower	Upper
264	100	239233		
260	23.1	18.2	27.4	
265	22.3	17.9	26.9	

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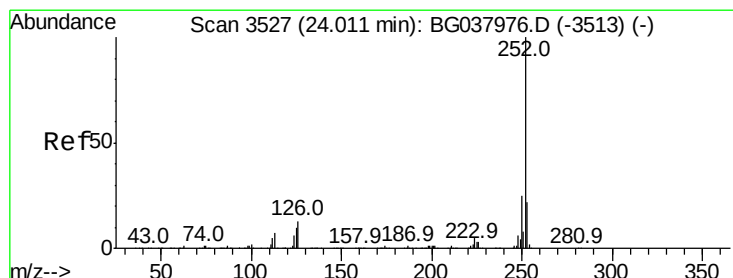
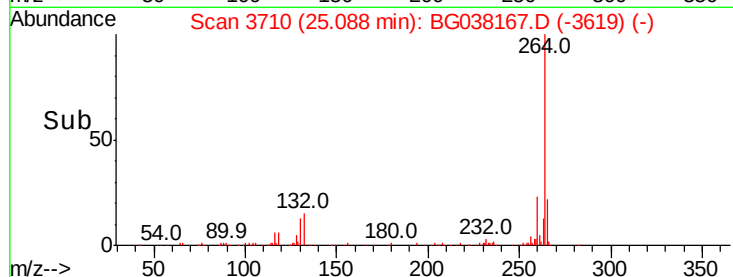
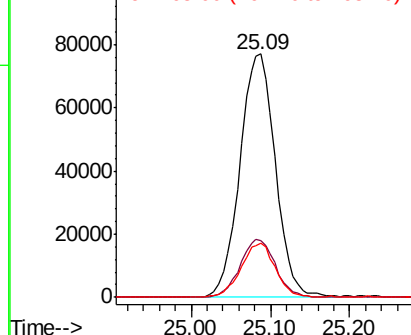


Abundance

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: 52.844 ng

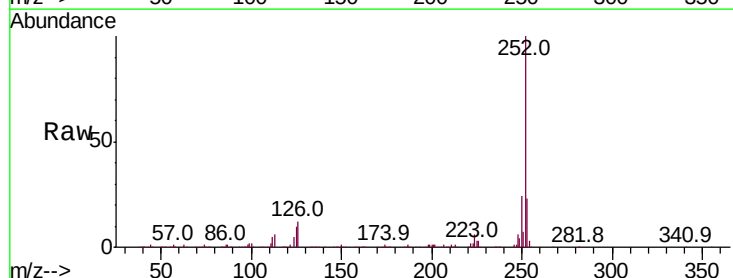
RT: 24.02 min Scan# 3528

Delta R.T. 0.01 min

Lab File: BG038167.D

Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	695699		
253	22.6	18.2	27.2	
125	9.7	7.8	11.6	

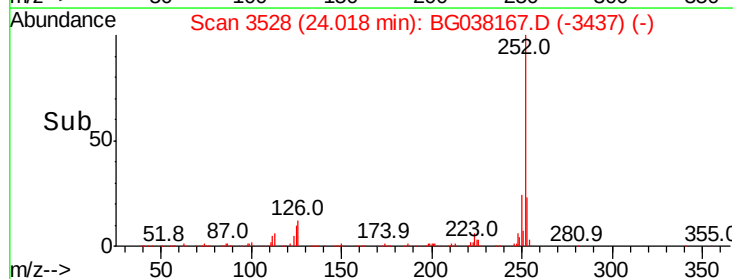
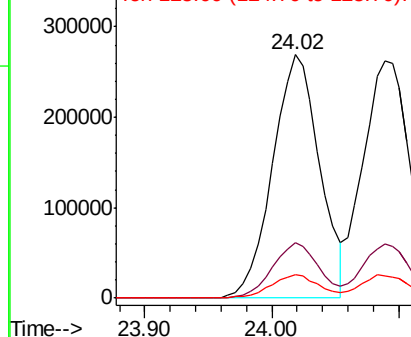


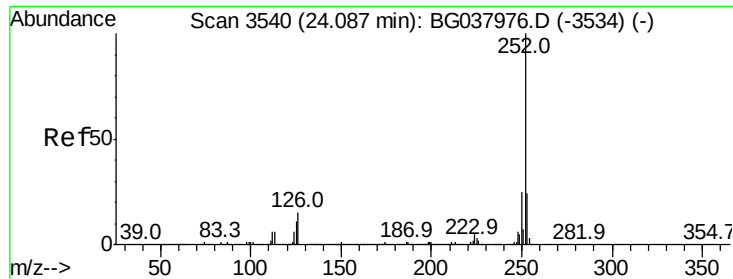
Abundance

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





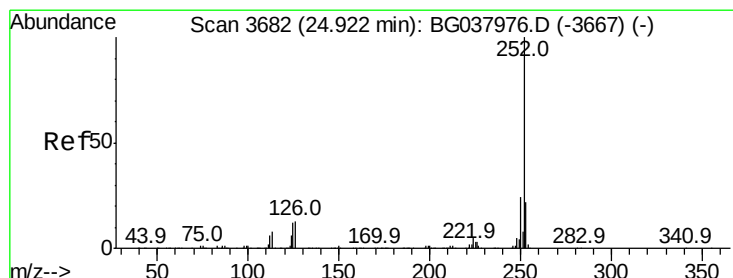
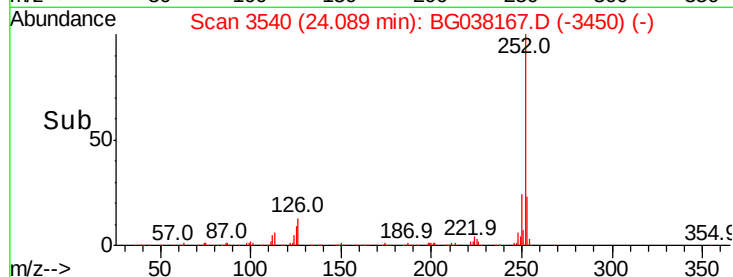
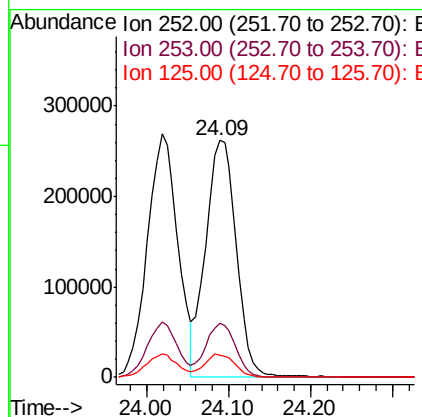
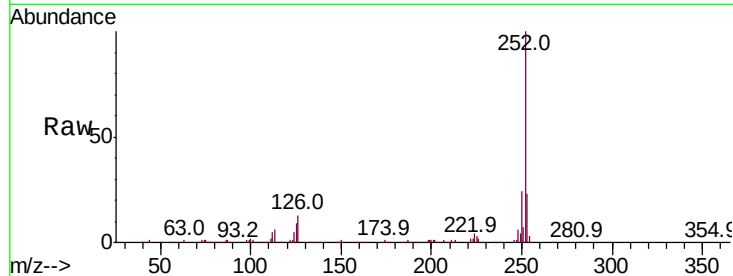
#89
Benzo(k)fluoranthene
Concen: 52.389 ng
RT: 24.09 min Scan# 3540
Delta R.T. 0.00 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Instrument :
BNA_G
ClientSampleId :
PB115084BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	9.5	7.4	11.0

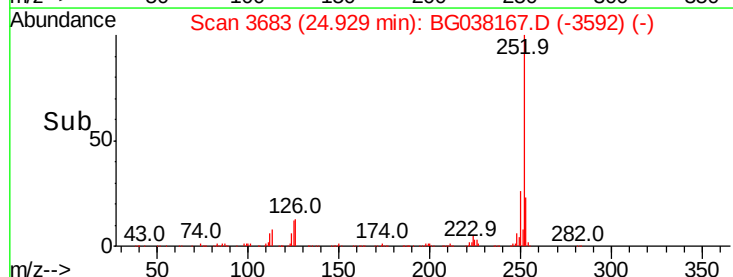
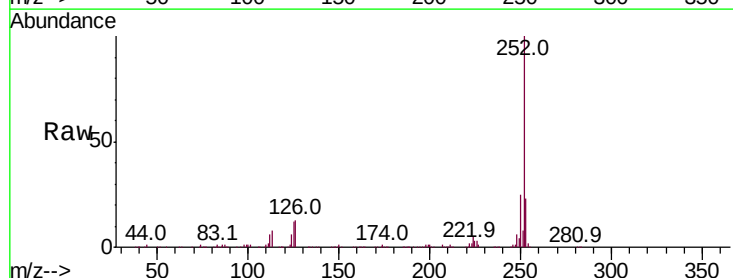
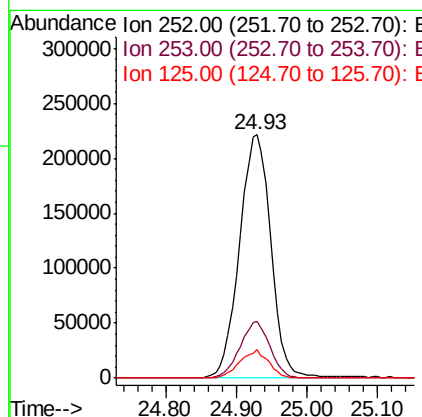
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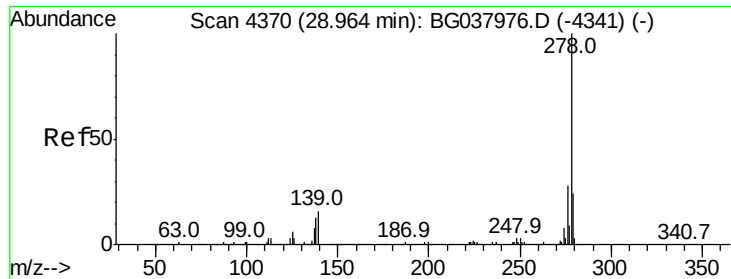
mohammad
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#90
Benzo(a)pyrene
Concen: 54.490 ng
RT: 24.93 min Scan# 3683
Delta R.T. 0.01 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	11.6	9.0	13.6





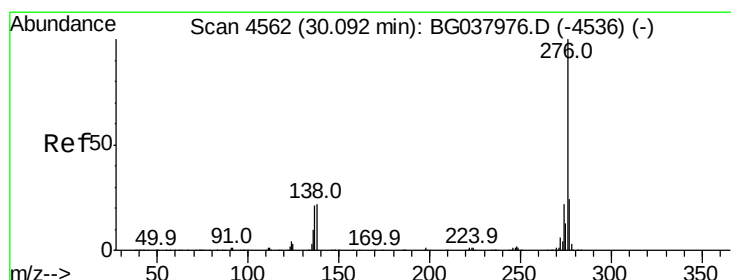
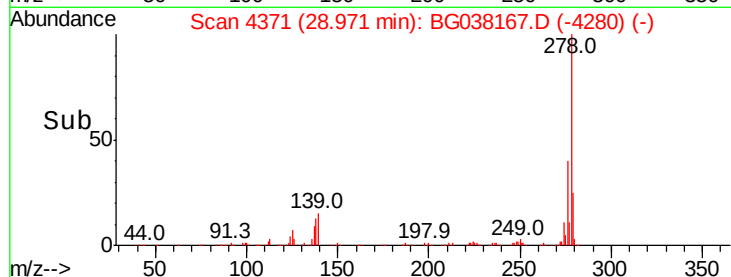
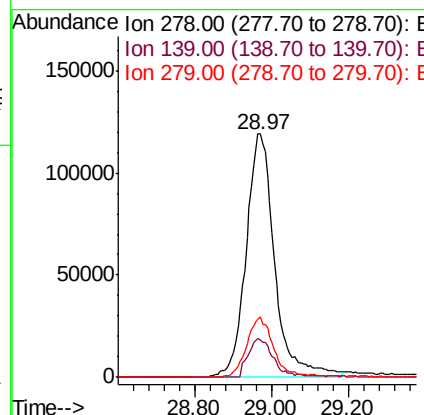
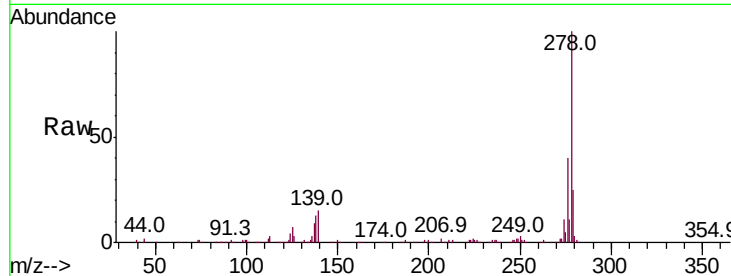
#91
Dibenzo(a,h)anthracene
Concen: 50.927 ng
RT: 28.97 min Scan# 4371
Delta R.T. 0.01 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Instrument :
BNA_G
ClientSampleId :
PB115084BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.5	17.3
279	24.6	18.6	27.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 50.230 ng
RT: 30.11 min Scan# 4565
Delta R.T. 0.02 min
Lab File: BG038167.D
Acq: 27 Nov 2018 15:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.0	18.9	28.3
138	20.2	17.2	25.8

