

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
 Data File : BG038386.D
 Acq On : 6 Dec 2018 17:14
 Operator : JU/SJ
 Sample : PB115178BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Manual Integrations
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 12/7/2018 12:20:53 PM

Quant Time: Dec 06 17:52:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24630	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	111597	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	72557	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	254428	20.00	ng	0.00
76) Chrysene-d12	21.74	240	178594	20.00	ng	0.00
87) Perylene-d12	25.05	264	188556	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	184674	132.69	ng	0.00
7) Phenol-d6	7.22	99	240497	119.55	ng	0.00
23) Nitrobenzene-d5	9.25	82	158298	70.42	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	107188	120.34	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	358893	70.48	ng	0.00
79) Terphenyl-d14	20.06	244	718598	86.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	19136	29.999	ng	# 92
3) Pyridine	3.90	79	83343	43.672	ng	98
4) n-Nitrosodimethylamine	3.82	42	44372	53.081	ng	88
6) Aniline	7.39	93	38387	14.941	ng	95
8) 2-Chlorophenol	7.63	128	65861	40.745	ng	100
9) Benzaldehyde	7.21	77	32368	25.410	ng	95
10) Phenol	7.25	94	86049	40.486	ng	89
11) bis(2-Chloroethyl)ether	7.49	93	61662	35.424	ng	98
12) 1,3-Dichlorobenzene	7.96	146	65713	34.783	ng	99
13) 1,4-Dichlorobenzene	8.11	146	68740	35.166	ng	97
14) 1,2-Dichlorobenzene	8.43	146	63528	34.099	ng	98
15) Benzyl Alcohol	8.31	79	60871	36.806	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.59	45	134743	34.032	ng	94
17) 2-Methylphenol	8.50	107	58882	39.492	ng	97
18) Hexachloroethane	9.15	117	27158	38.495	ng	93
19) n-Nitroso-di-n-propylamine	8.87	70	57816	39.286	ng	98
20) 3+4-Methylphenols	8.83	107	89224	41.669	ng	96
22) Acetophenone	8.90	105	100307	37.045	ng	# 97
24) Nitrobenzene	9.29	77	81377	35.634	ng	98
25) Isophorone	9.80	82	148026	37.473	ng	98
26) 2-Nitrophenol	10.00	139	38111	36.017	ng	95
27) 2,4-Dimethylphenol	10.04	122	68796	45.265	ng	92
28) bis(2-Chloroethoxy)methane	10.28	93	93118	41.121	ng	97
29) 2,4-Dichlorophenol	10.53	162	82139	47.345	ng	94
30) 1,2,4-Trichlorobenzene	10.75	180	74008	36.339	ng	99
31) Naphthalene	10.94	128	209098	39.225	ng	98
32) Benzoic acid	10.18	122	33721	32.913	ng	98
33) 4-Chloroaniline	11.07	127	17911	7.590	ng	98
34) Hexachlorobutadiene	11.21	225	42971	33.726	ng	97
35) Caprolactam	11.84	113	28710m	40.017	ng	
36) 4-Chloro-3-methylphenol	12.16	107	78930	40.947	ng	98
37) 2-Methylnaphthalene	12.54	142	154315	40.649	ng	98
38) 1-Methylnaphthalene	12.76	142	149540	41.128	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	86082	34.479	ng	97

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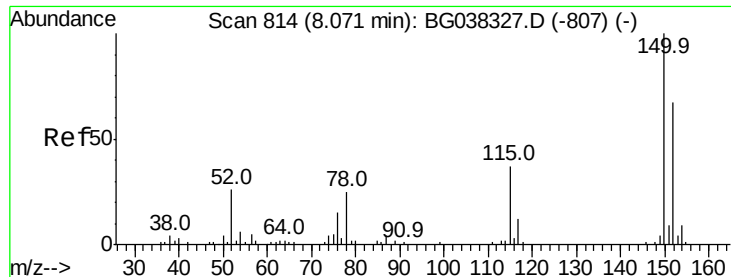
Manual Integrations
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 12/7/2018 12:20:53 PM

Quant Time: Dec 06 17:52:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	114450	83.417	nq	99
43) 2,4,6-Trichlorophenol	13.14	196	64704	40.007	nq	99
44) 2,4,5-Trichlorophenol	13.21	196	68776	40.141	nq	95
46) 1,1'-Biphenyl	13.54	154	207364	33.810	nq	99
47) 2-Chloronaphthalene	13.59	162	162794	35.175	nq	99
48) 2-Nitroaniline	13.80	65	59426	38.273	nq	96
49) Acenaphthylene	14.43	152	285092	40.901	nq	99
50) Dimethylphthalate	14.16	163	224416	38.561	nq	99
51) 2,6-Dinitrotoluene	14.29	165	54217	40.783	nq	93
52) Acenaphthene	14.77	154	157978	37.178	nq	96
53) 3-Nitroaniline	14.62	138	16198	11.313	nq	# 92
54) 2,4-Dinitrophenol	14.83	184	58780	80.660	nq	92
55) Dibenzofuran	15.11	168	261996	37.295	nq	96
56) 4-Nitrophenol	14.92	139	87899	77.718	nq	88
57) 2,4-Dinitrotoluene	15.07	165	75016	40.913	nq	95
58) Fluorene	15.75	166	222861	43.061	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.33	232	63552	42.707	nq	98
60) Diethylphthalate	15.51	149	250921	38.917	nq	97
61) 4-Chlorophenyl-phenylether	15.74	204	118934	38.259	nq	100
62) 4-Nitroaniline	15.79	138	55996	39.764	nq	88
63) Azobenzene	16.04	77	218884	38.791	nq	97
65) 4,6-Dinitro-2-methylphenol	15.84	198	45172	27.097	nq	95
66) n-Nitrosodiphenylamine	15.96	169	201361	28.144	nq	99
67) 4-Bromophenyl-phenylether	16.64	248	76472	27.833	nq	98
68) Hexachlorobenzene	16.75	284	78635	27.747	nq	96
69) Atrazine	16.90	200	81002	30.341	nq	98
70) Pentachlorophenol	17.10	266	97815	50.391	nq	93
71) Phenanthrene	17.50	178	438574	34.421	nq	99
72) Anthracene	17.59	178	416145	33.726	nq	99
73) Carbazole	17.86	167	367464	30.006	nq	99
74) Di-n-butylphthalate	18.39	149	462769	32.346	nq	98
75) Fluoranthene	19.50	202	585183	39.309	nq	99
77) Benzidine	19.69	184	117501	19.497	nq	98
78) Pyrene	19.87	202	598718	47.913	nq	98
80) Butylbenzylphthalate	20.74	149	190012	37.807	nq	97
81) Benzo(a)anthracene	21.72	228	439823	40.069	nq	100
82) 3,3'-Dichlorobenzidine	21.64	252	63420	14.852	nq	99
83) Chrysene	21.79	228	406045	39.091	nq	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	264187	37.086	nq	98
85) Di-n-octyl phthalate	22.82	149	451784	36.987	nq	98
86) Indeno(1,2,3-cd)pyrene	28.84	276	607682	51.477	nq	98
88) Benzo(b)fluoranthene	23.99	252	441369	41.427	nq	98
89) Benzo(k)fluoranthene	24.06	252	423057	39.870	nq	98
90) Benzo(a)pyrene	24.89	252	420802	40.719	nq	98
91) Dibenzo(a,h)anthracene	28.90	278	479922	48.964	nq	99
92) Benzo(g,h,i)perylene	30.04	276	413366	42.508	nq	96

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



#1

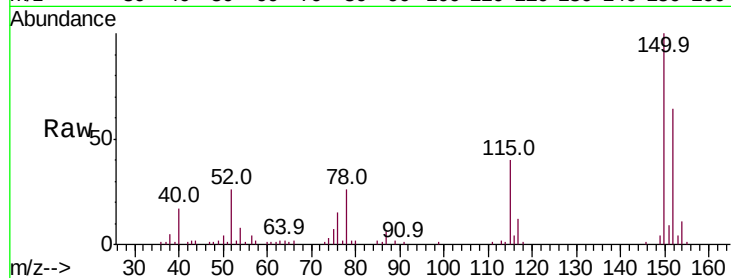
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.0	189.0
115	63.2	45.5	68.3

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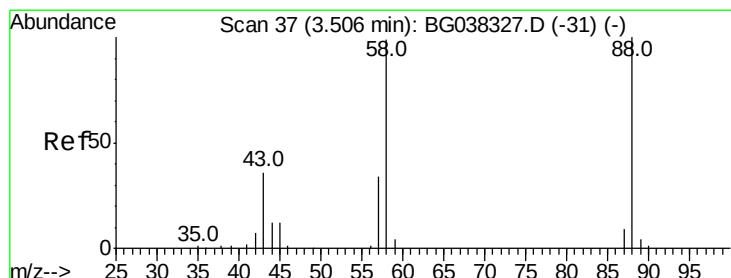
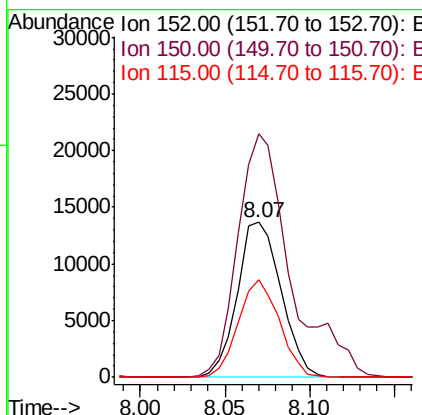
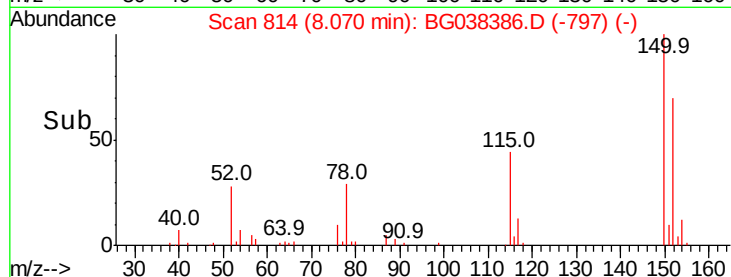


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

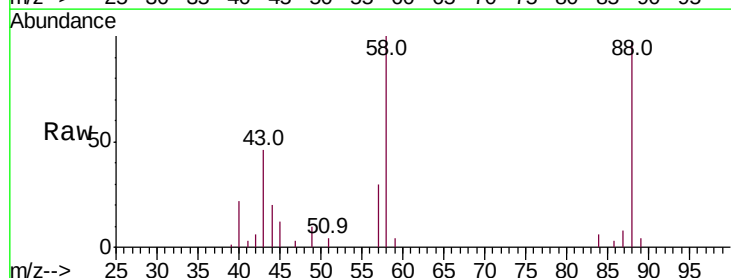
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.999 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.01 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.3	74.4	111.6
43	41.6	25.8	38.8

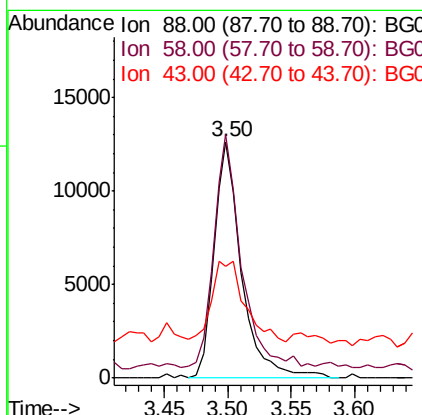
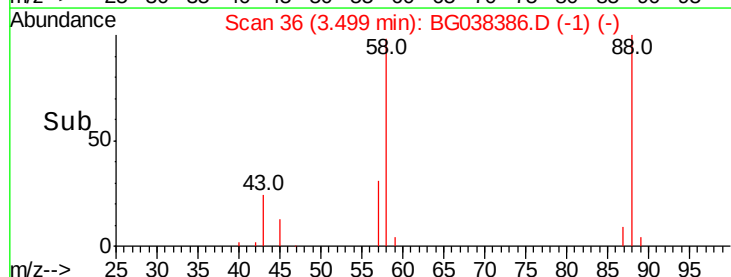


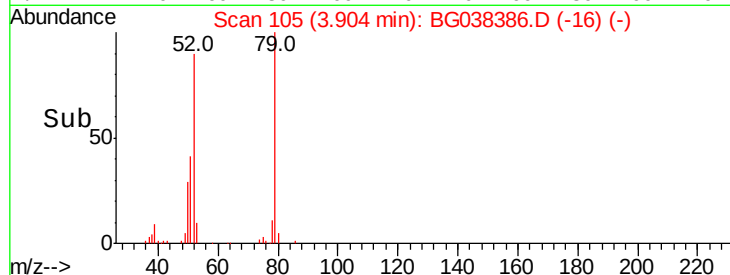
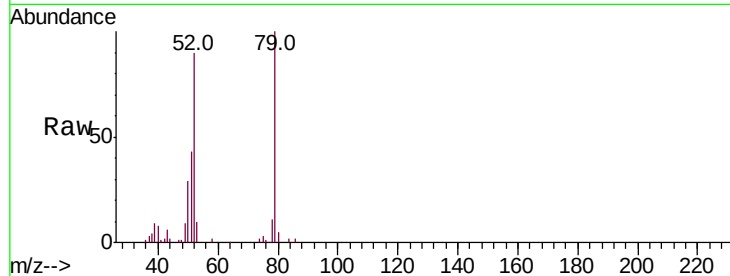
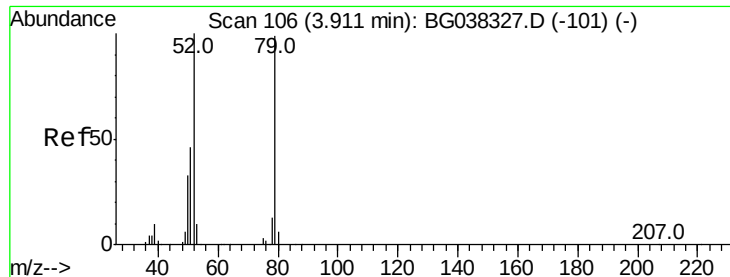
Abundance

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





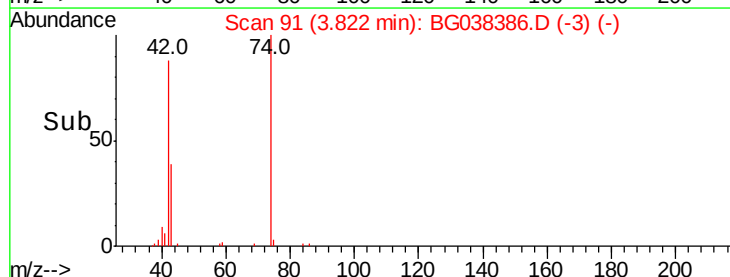
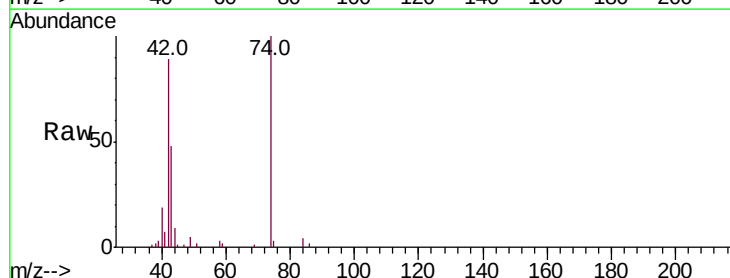
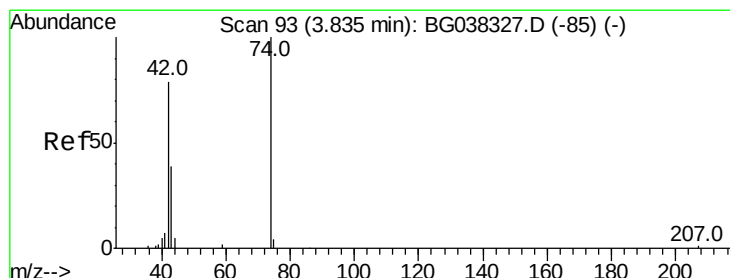
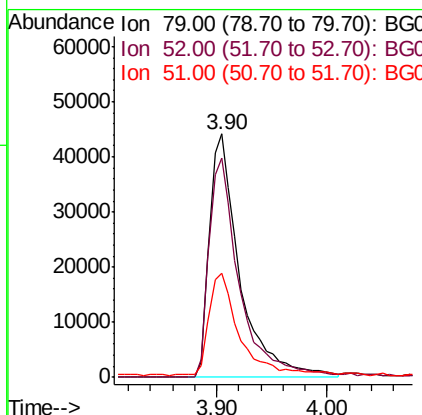
#3
Pvridine
Concen: 43.672 ng
RT: 3.90 min Scan# 105
Delta R.T. -0.01 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tot Ion	Ratio	Lower	Upper
79	100		
52	90.2	74.2	111.2
51	42.6	34.6	51.8

Instrument :
BNA_G
ClientSampleId :
PB115178BS

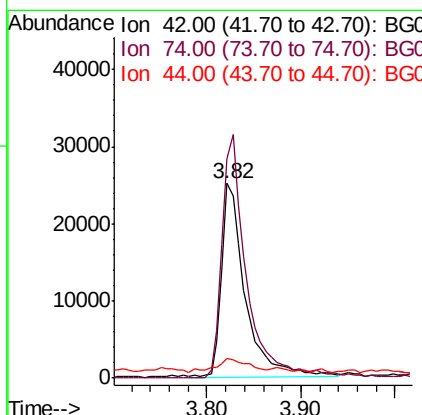
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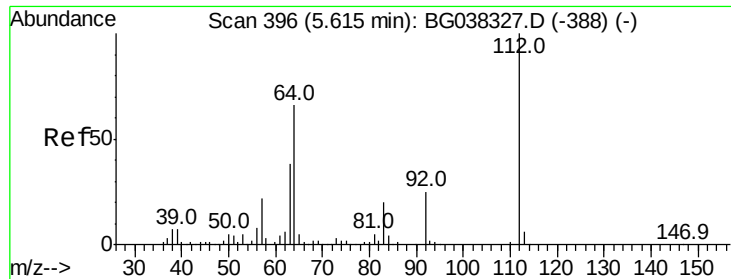
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#4
n-Nitrosodimethylamine
Concen: 53.081 ng
RT: 3.82 min Scan# 91
Delta R.T. -0.01 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	112.8	102.0	153.0
44	10.3	9.6	14.4





#5

2-Fluorophenol

Concen: 132.687 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

Instrument :

BNA_G

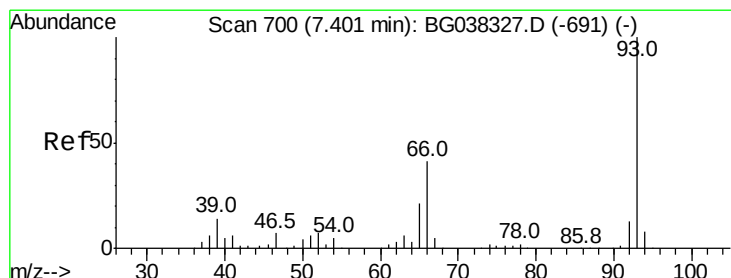
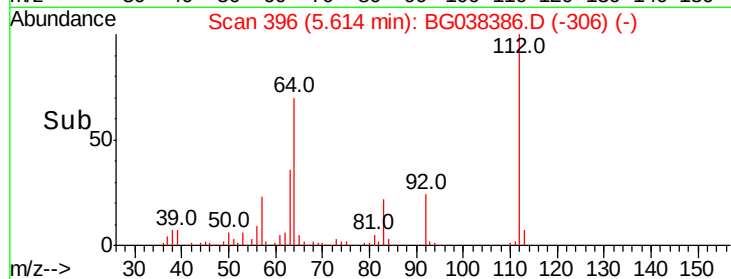
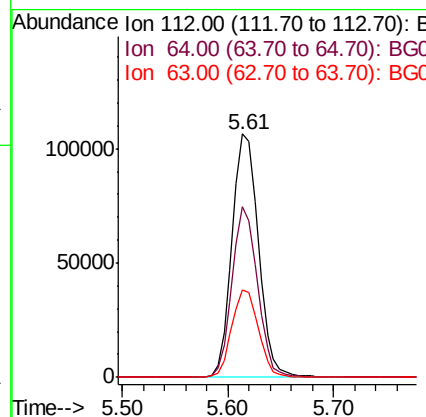
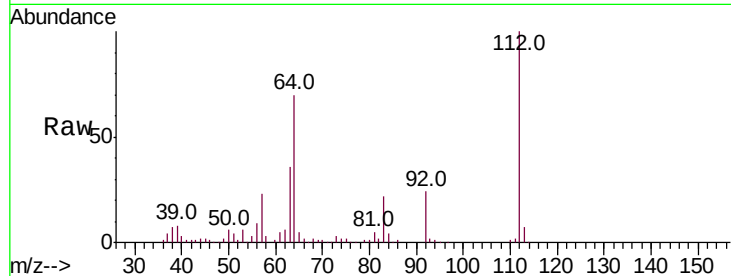
ClientSampleID :

PB115178BS

Tot Ion:	112	Resp:	184674
Ion Ratio	Lower	Upper	
112	100		
64	69.9	53.1	79.7
63	36.1	27.3	40.9

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#6

Aniline

Concen: 14.941 ng

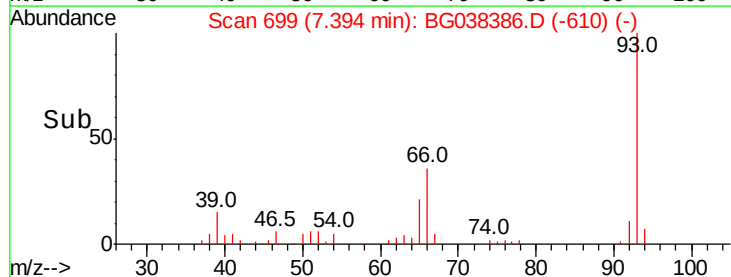
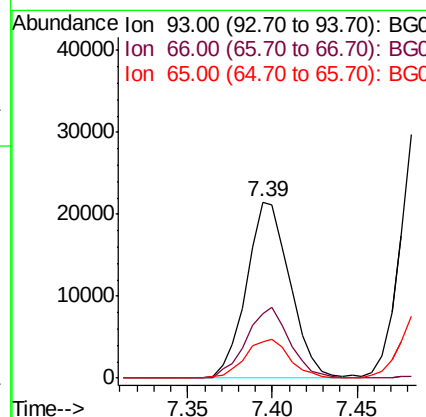
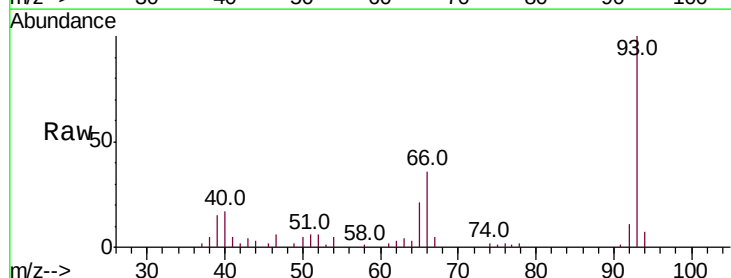
RT: 7.39 min Scan# 699

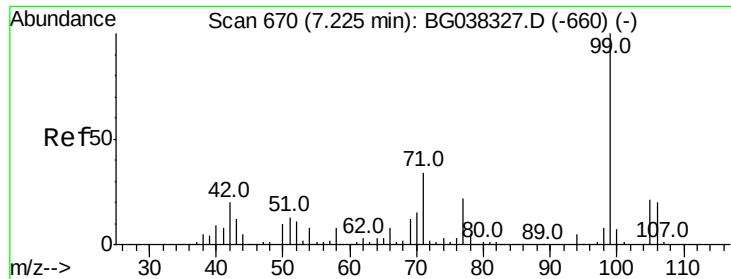
Delta R.T. -0.01 min

Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

Tgt Ion:	93	Resp:	38387
Ion Ratio	Lower	Upper	
93	100		
66	36.4	32.8	49.2
65	20.8	16.4	24.6





#7

Phenol-d6

Concen: 119.554 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

Instrument :

BNA_G

ClientSampleId :

PB115178BS

Tot Ion: 99 Resp: 240497
Ion Ratio Lower Upper

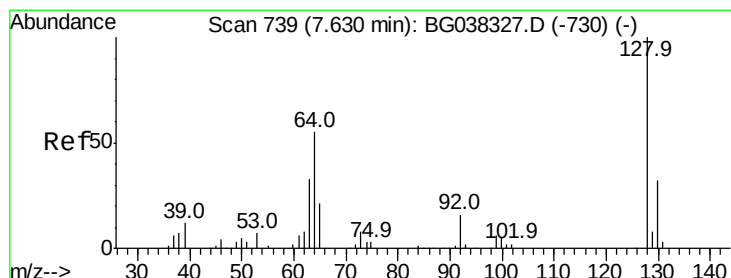
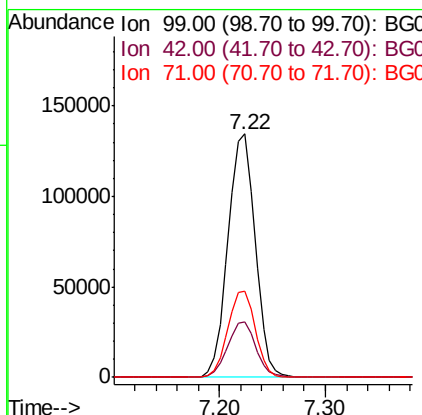
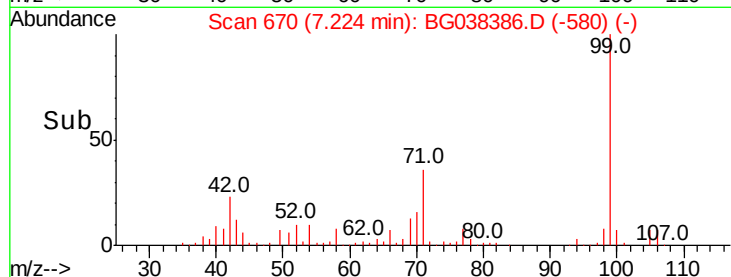
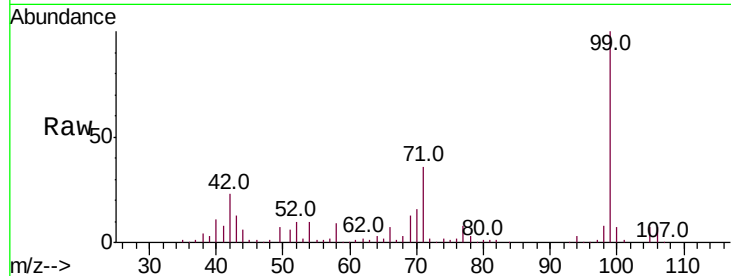
99 100

42 22.6 15.0 22.4#

71 35.6 25.5 38.3

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#8

2-Chlorophenol

Concen: 40.745 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG038386.D

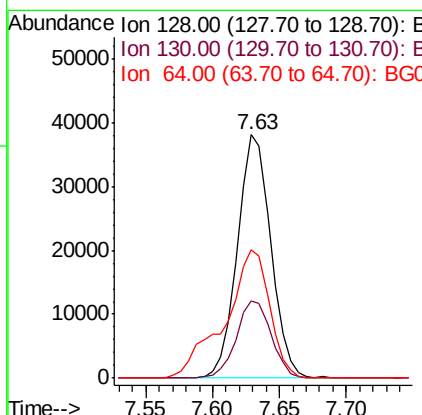
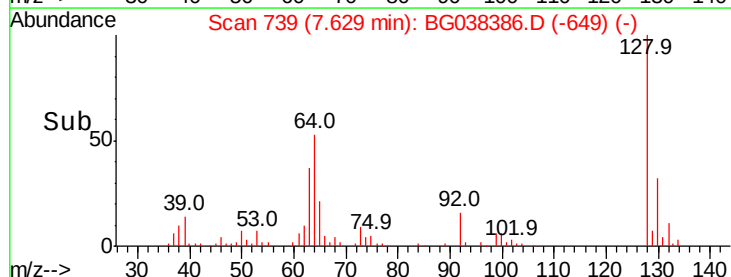
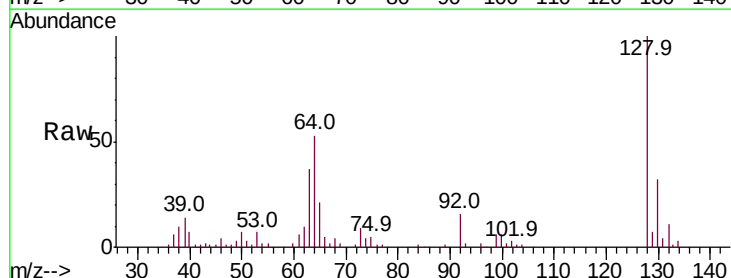
Acq: 6 Dec 2018 17:14

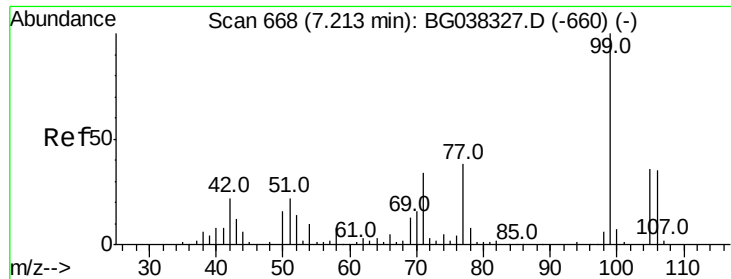
Tgt Ion:128 Resp: 65861
Ion Ratio Lower Upper

128 100

130 31.8 12.0 52.0

64 52.9 32.9 72.9





#9

Benzaldehyde

Concen: 25.410 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

Instrument :

BNA_G

ClientSampleId :

PB115178BS

Tot Ion: 77 Resp: 32368

Ion Ratio Lower Upper

77 100

105 97.2 72.6 112.6

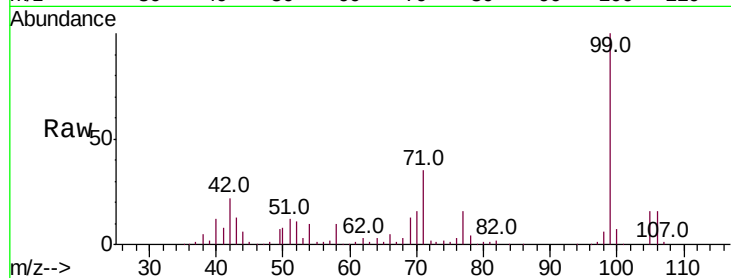
106 96.5 71.3 111.3

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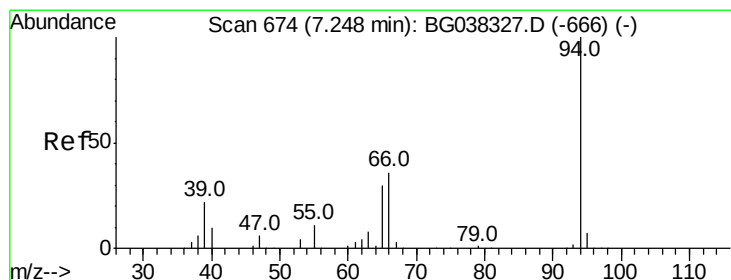
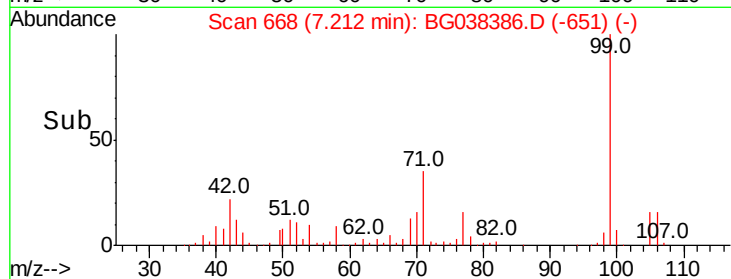
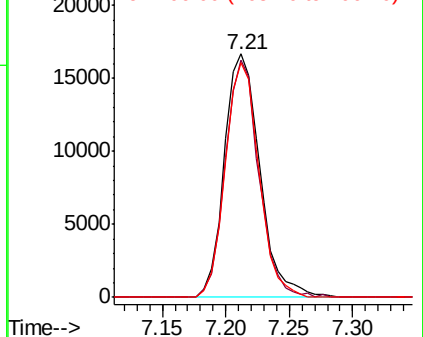
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.486 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

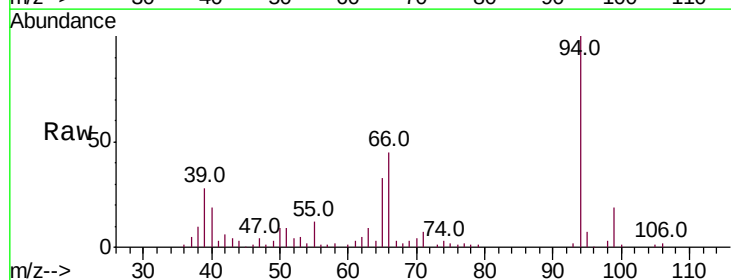
Tgt Ion: 94 Resp: 86049

Ion Ratio Lower Upper

94 100

65 32.7 9.7 49.7

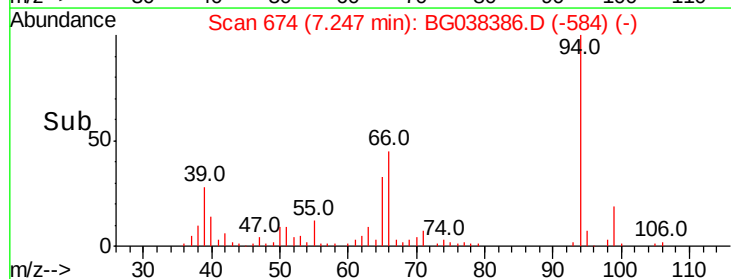
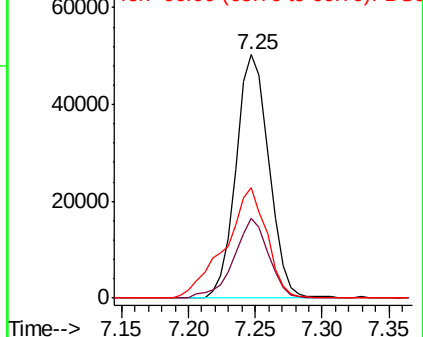
66 45.5 15.9 55.9

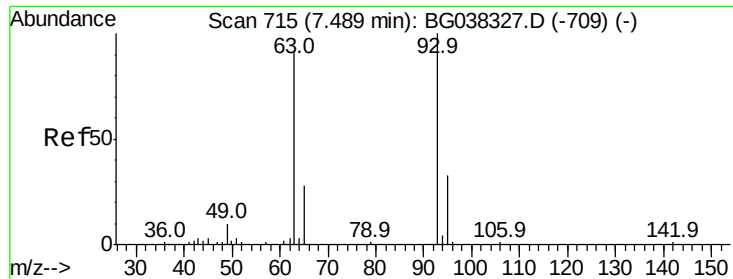


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





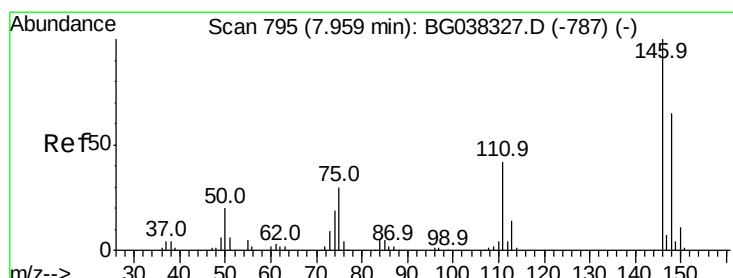
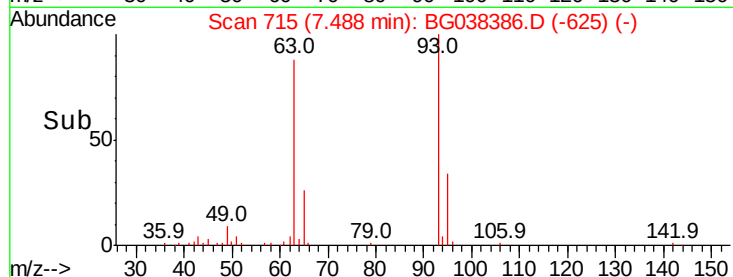
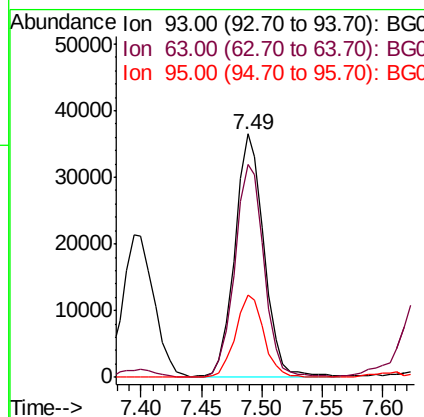
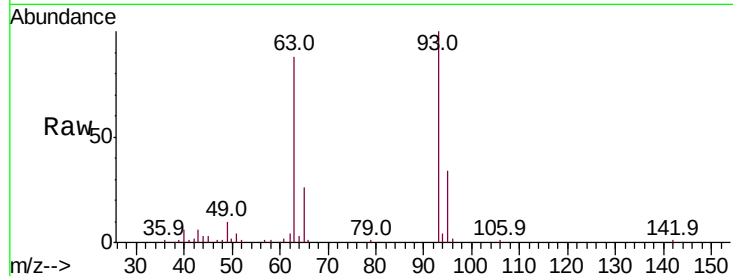
#11
bis(2-Chloroethyl)ether
Concen: 35.424 ng
RT: 7.49 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.7	69.5	109.5
95	33.8	12.6	52.6

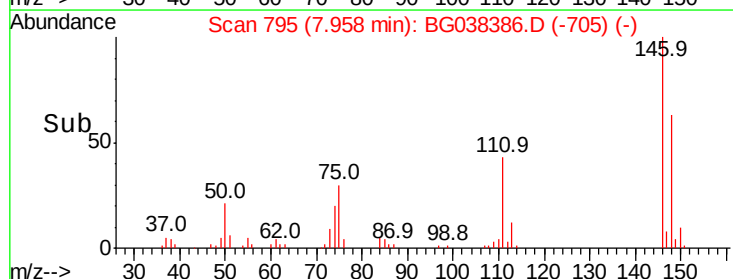
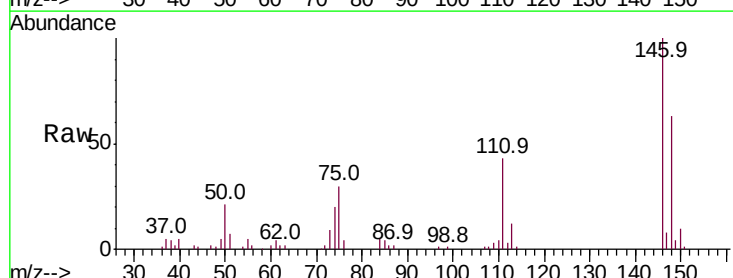
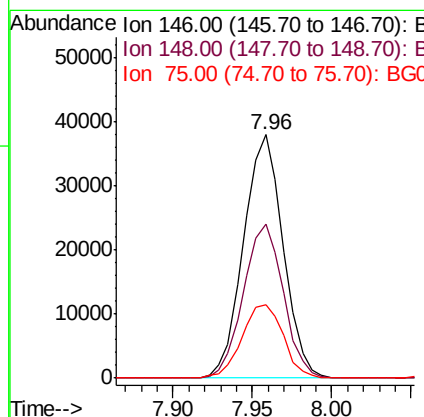
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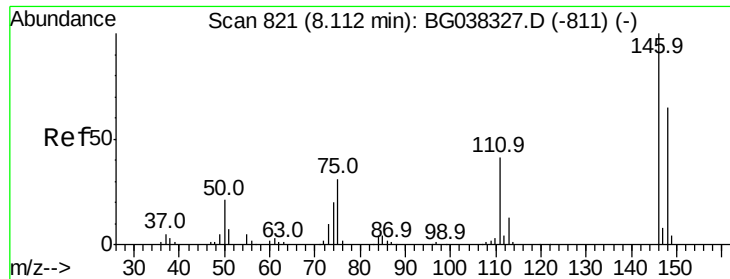
mohammad
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#12
1,3-Dichlorobenzene
Concen: 34.783 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	49.8	74.8
75	30.4	23.2	34.8





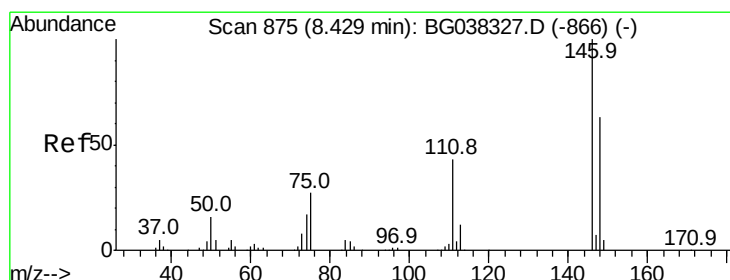
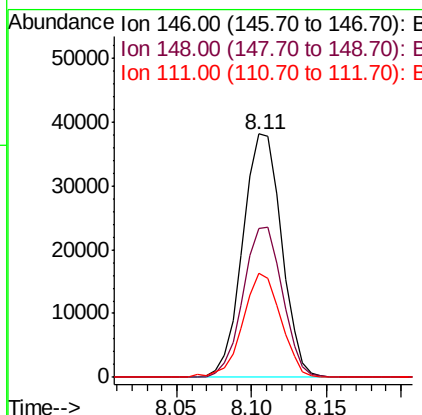
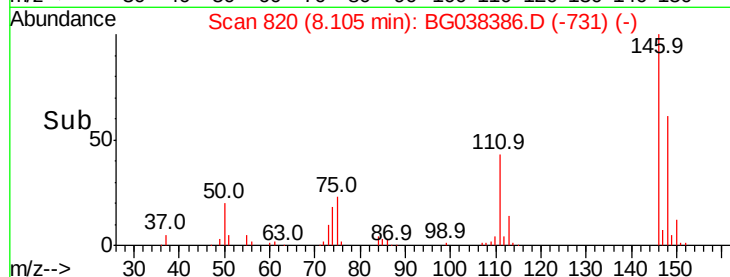
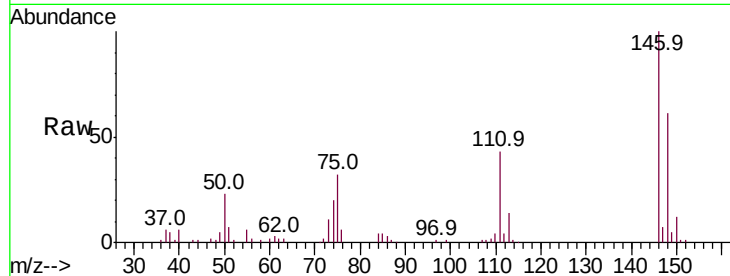
#13
 1,4-Dichlorobenzene
 Concen: 35.166 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG038386.D
 Acq: 6 Dec 2018 17:14

Instrument :
 BNA_G
 ClientSampleID :
 PB115178BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.3	51.0	76.6
111	42.5	32.4	48.6

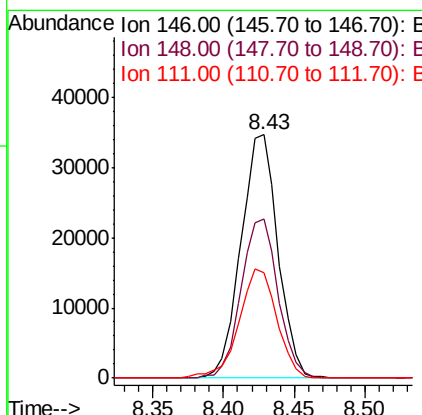
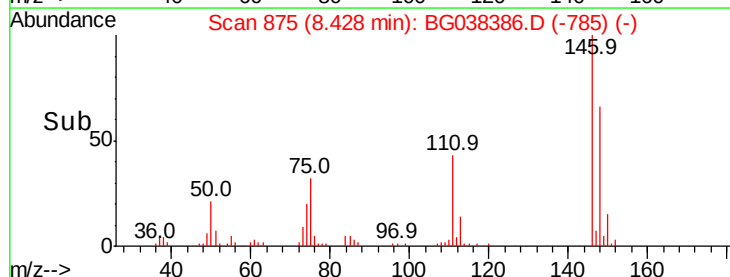
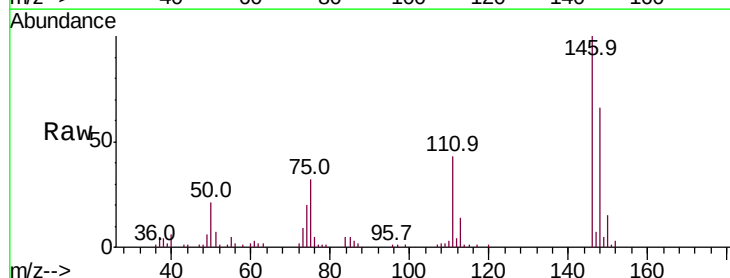
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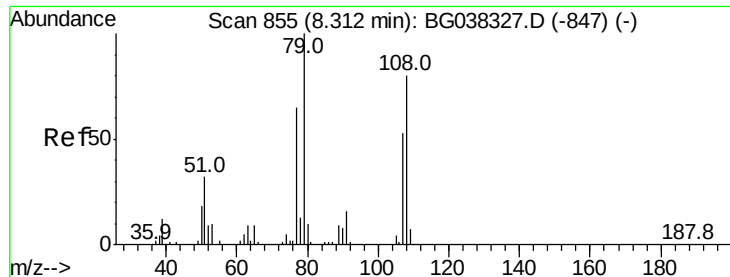
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#14
 1,2-Dichlorobenzene
 Concen: 34.099 ng
 RT: 8.43 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: BG038386.D
 Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.4	75.6
111	43.1	34.6	51.8





#15

Benzyl Alcohol

Concen: 36.806 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

Instrument :

BNA_G

ClientSampleId :

PB115178BS

Tot Ion: 79 Resp: 60871

Ion Ratio Lower Upper

79 100

108 75.6 65.8 98.8

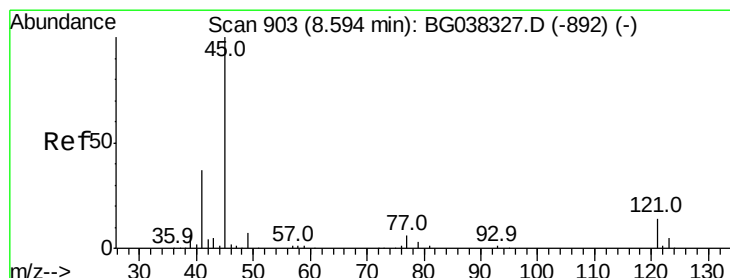
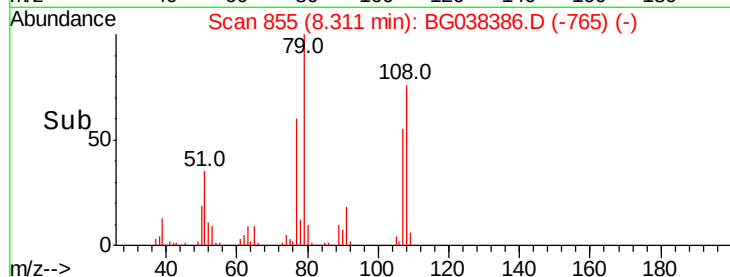
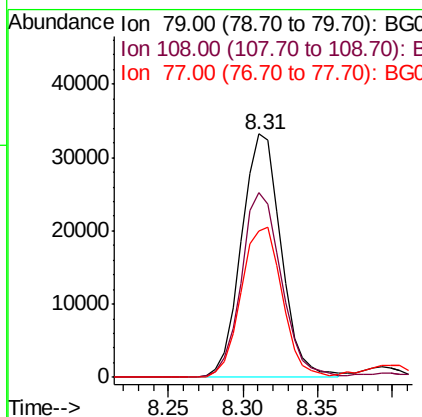
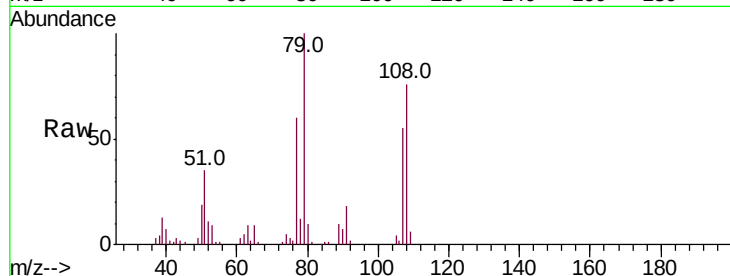
77 60.1 52.9 79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.032 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

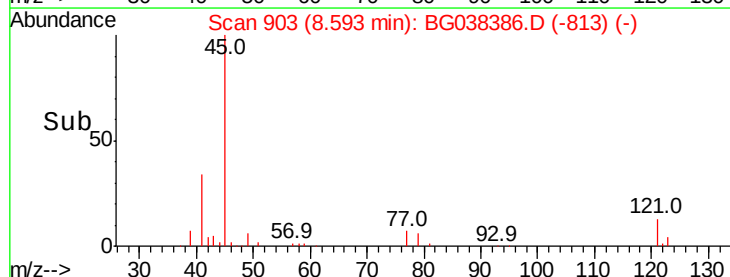
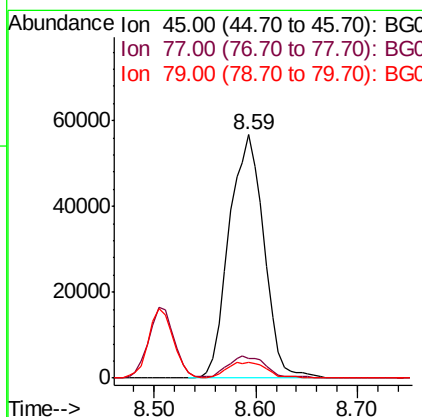
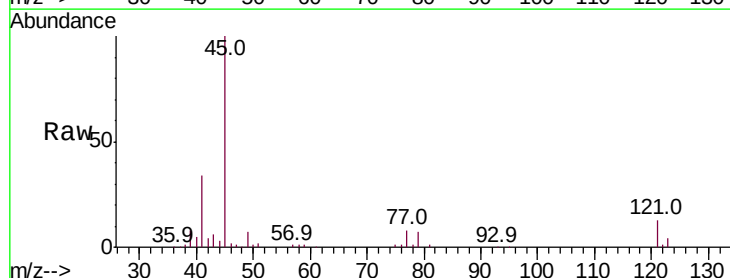
Tgt Ion: 45 Resp: 134743

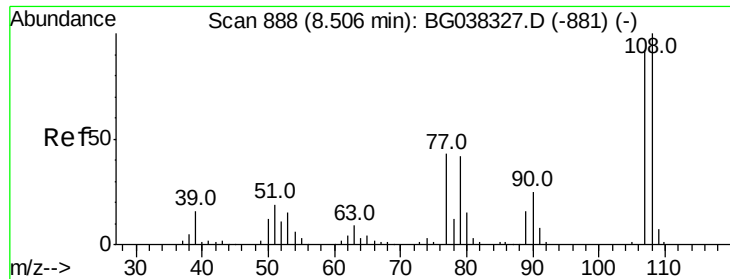
Ion Ratio Lower Upper

45 100

77 8.1 0.0 30.0

79 6.5 0.0 29.0





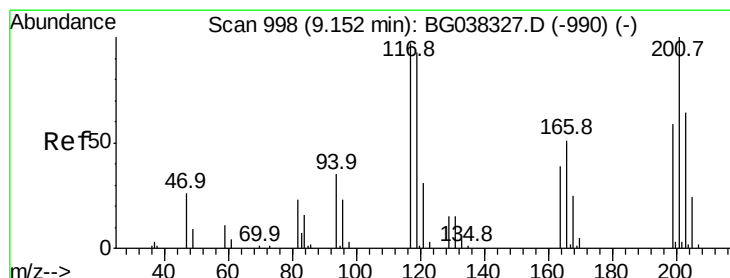
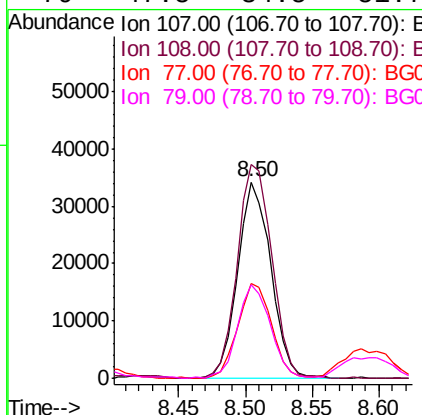
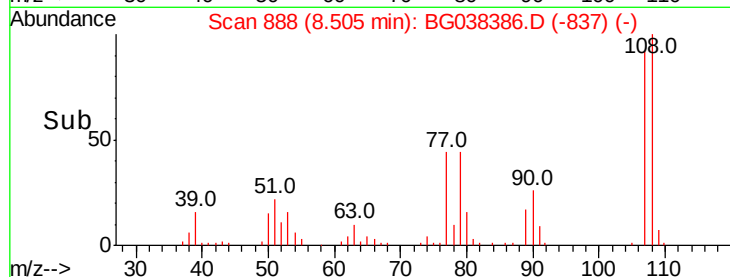
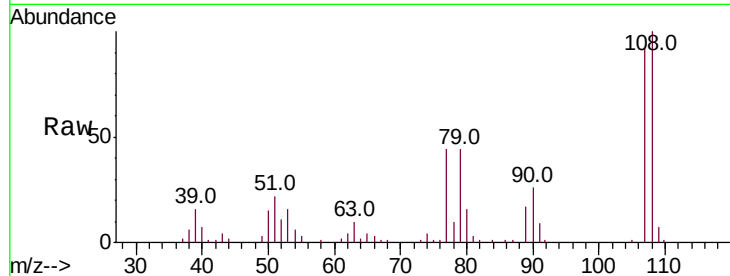
#17
2-Methylphenol
Concen: 39.492 ng
RT: 8.50 min Scan# 888
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	107	Resp	58882
Ion	Ratio	Lower	Upper
107	100		
108	109.1	87.9	131.9
77	48.2	35.1	52.7
79	47.5	34.5	51.7

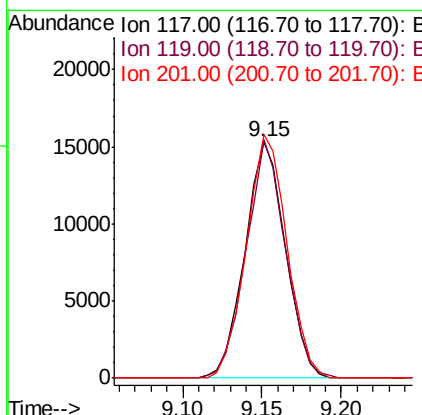
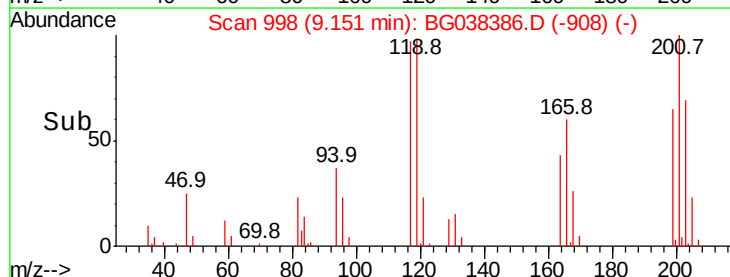
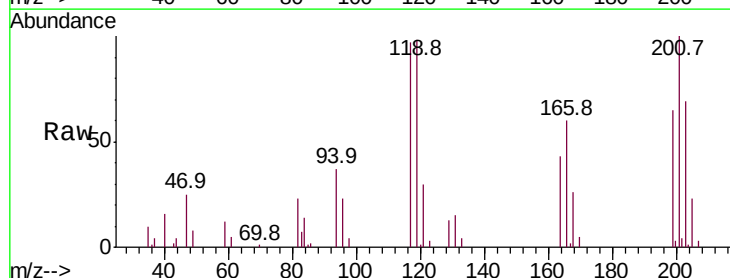
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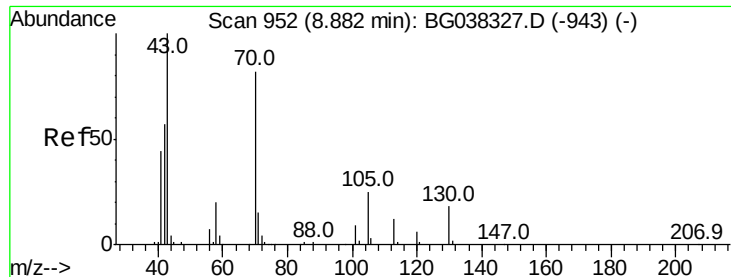
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#18
Hexachloroethane
Concen: 38.495 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tgt Ion	117	Resp	27158
Ion	Ratio	Lower	Upper
117	100		
119	101.1	74.6	111.8
201	106.8	80.8	121.2





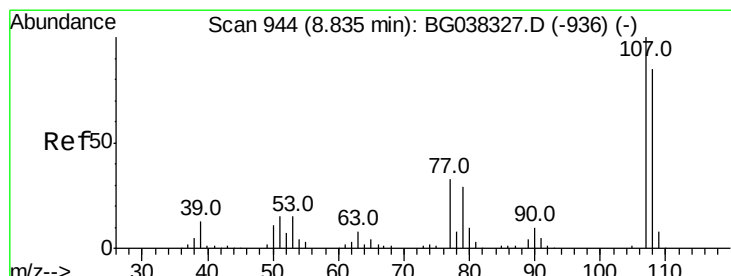
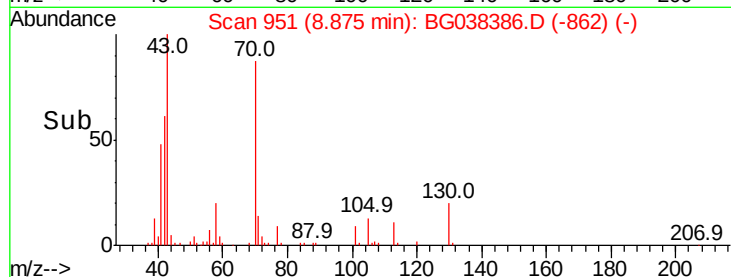
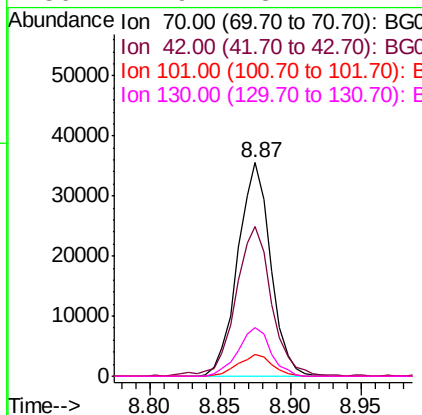
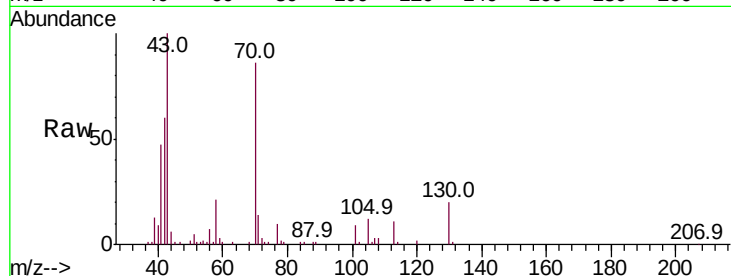
#19
n-Nitroso-di-n-propylamine
Concen: 39.286 ng
RT: 8.87 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.2	53.9	80.9	
101	10.5	8.2	12.2	
130	22.9	18.2	27.4	

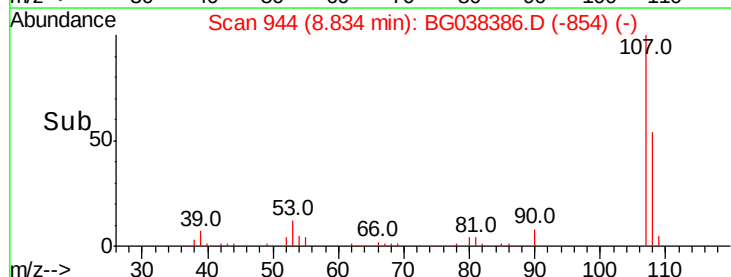
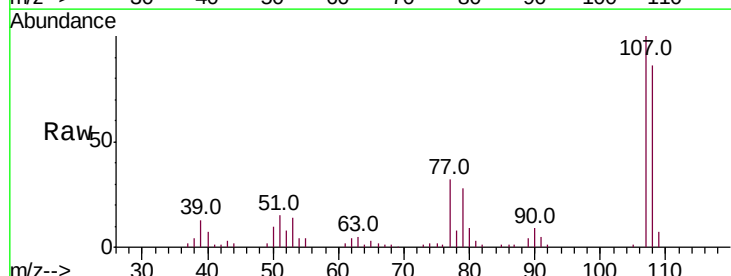
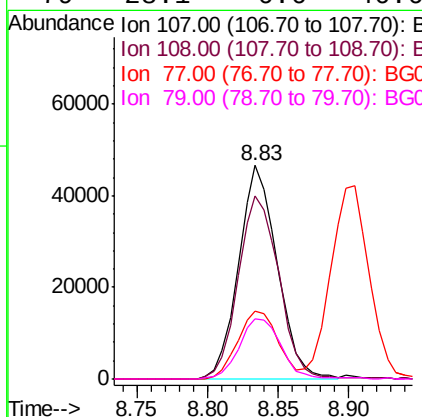
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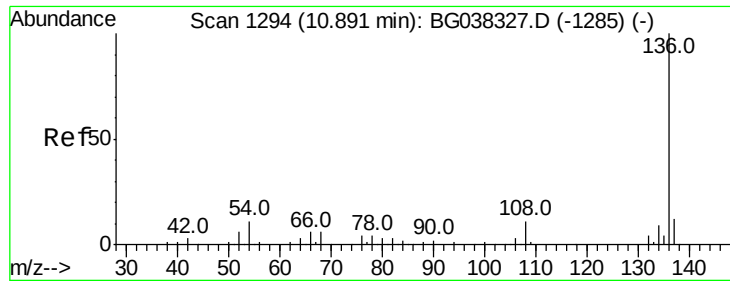
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#20
3+4-Methylphenols
Concen: 41.669 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.6	69.9	109.9	
77	32.0	11.2	51.2	
79	28.1	6.6	46.6	





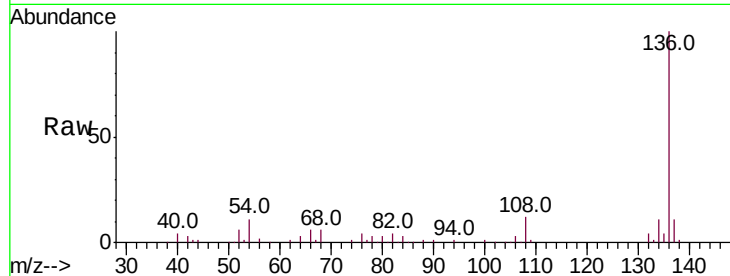
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Instrument :
BNA_G
ClientSampleId :
PB115178BS

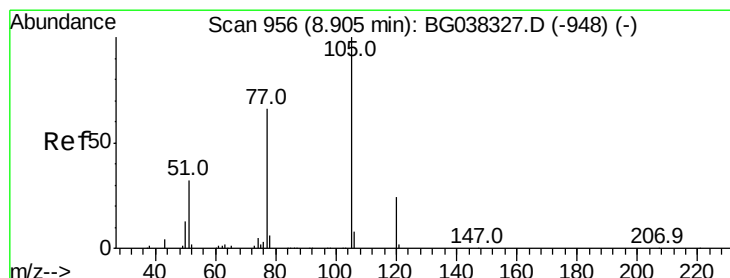
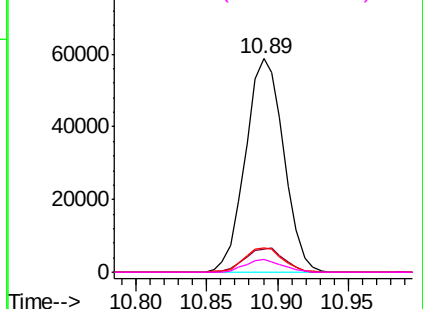
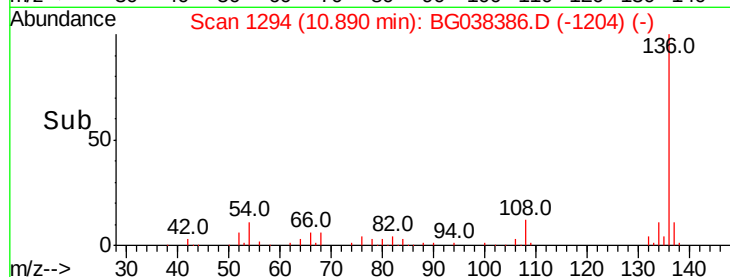
Tot Ion	Ratio	Resp	Lower	Upper
136	100	111597		
137	11.1		9.6	14.4
54	11.3		7.9	11.9
68	5.9		4.8	7.2

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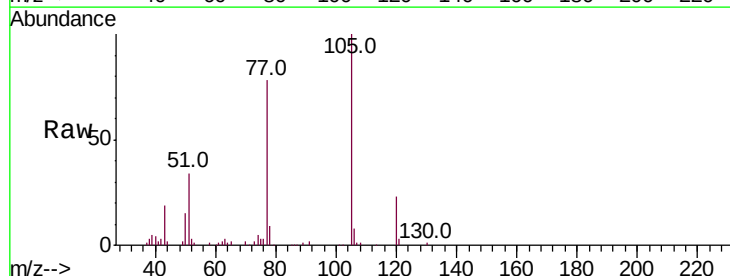


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

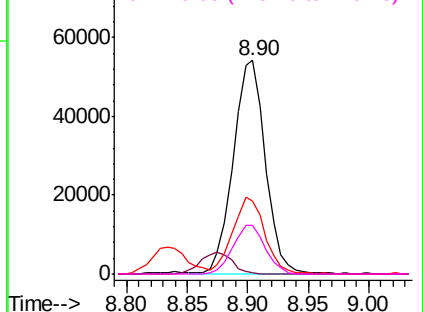
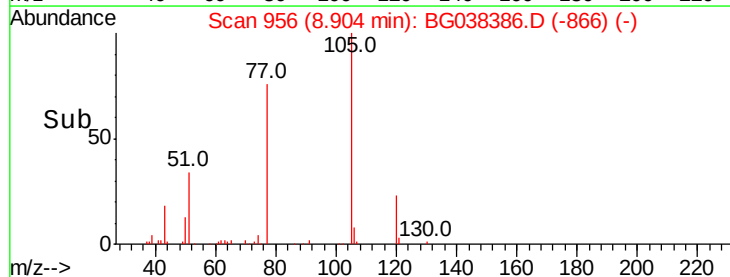


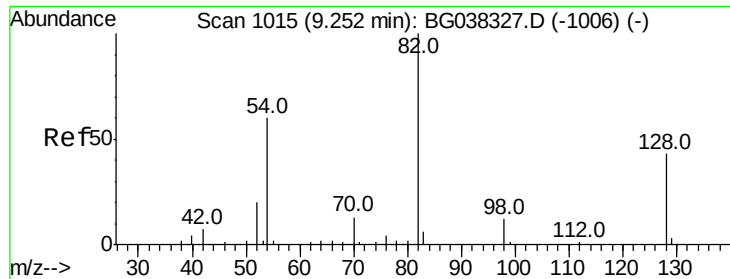
#22
Acetophenone
Concen: 37.045 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	100307		
71	0.4		1.2	1.8#
51	34.4		25.0	37.6
120	23.1		18.6	28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





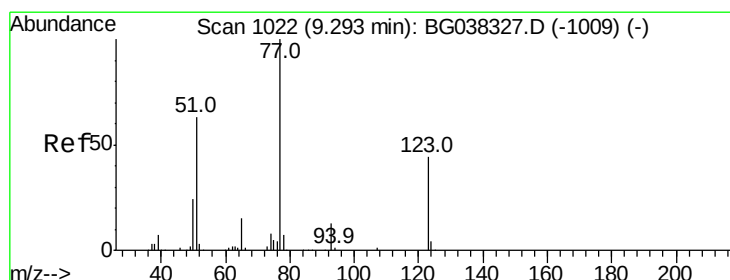
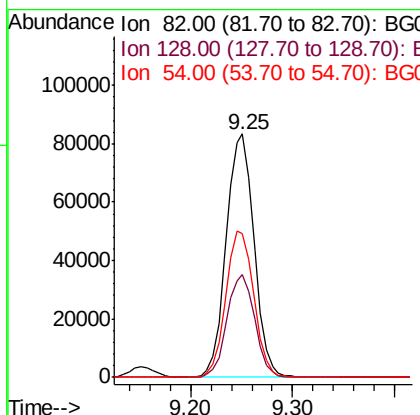
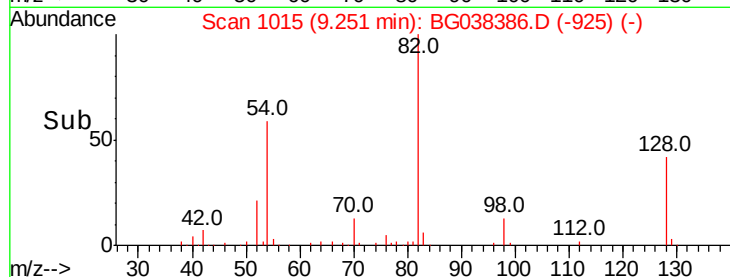
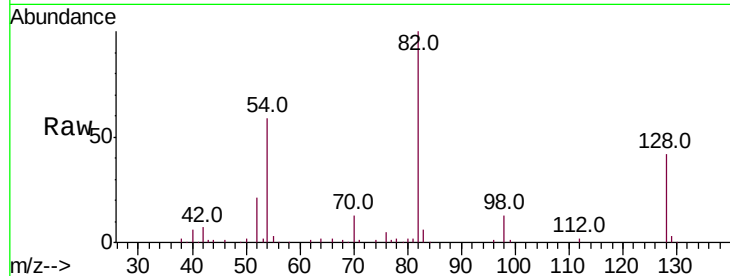
#23
Nitrobenzene-d5
Concen: 70.424 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Instrument :
BNA_G
ClientSampleID :
PB115178BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.2	34.6	51.8	
54	59.1	45.3	67.9	

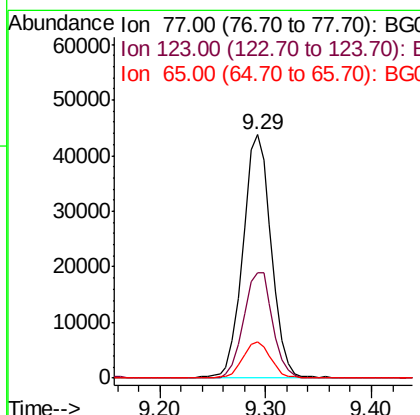
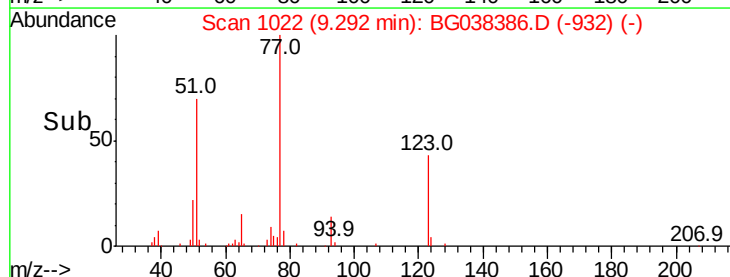
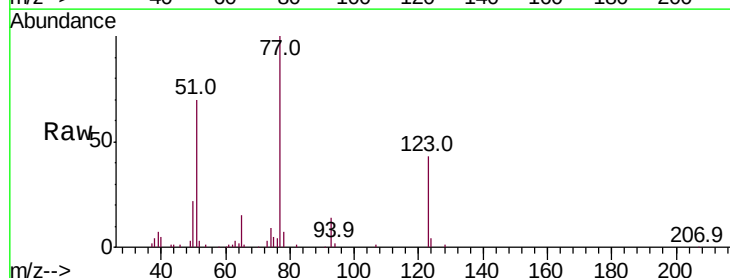
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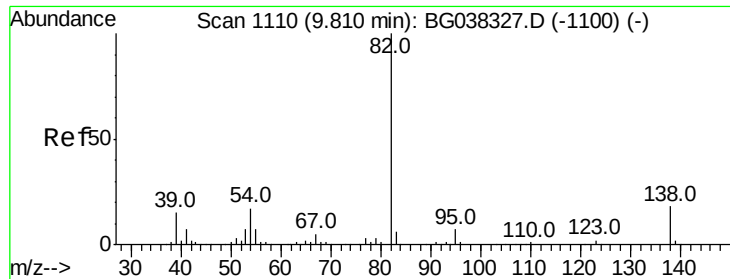
mohammad
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#24
Nitrobenzene
Concen: 35.634 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	43.2	33.6	50.4	
65	14.9	11.3	16.9	





#25

Isophorone

Concen: 37.473 ng

RT: 9.80 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

Instrument :

BNA_G

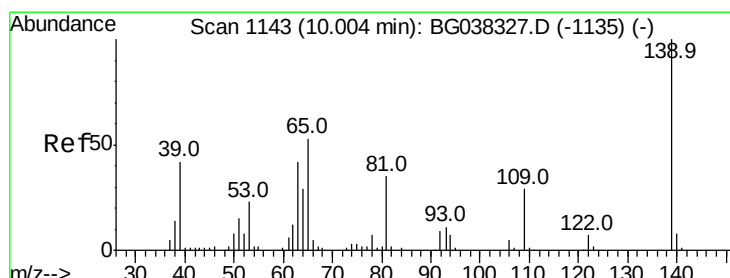
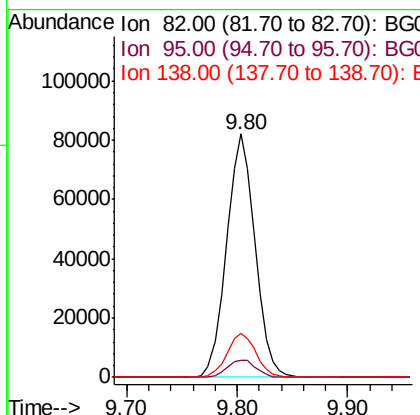
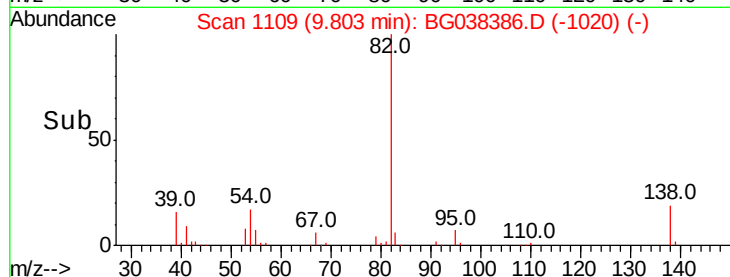
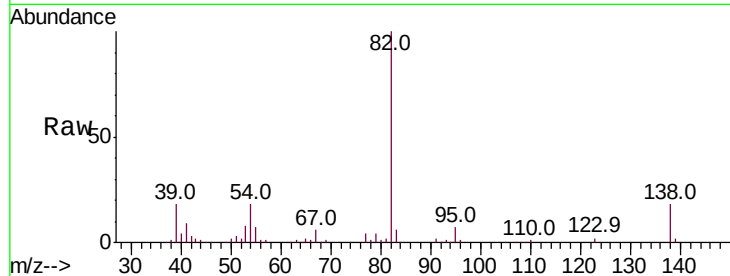
ClientSampleId :

PB115178BS

Tot Ion:	82	Resp:	148026
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.3	7.9
138	17.8	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.017 ng

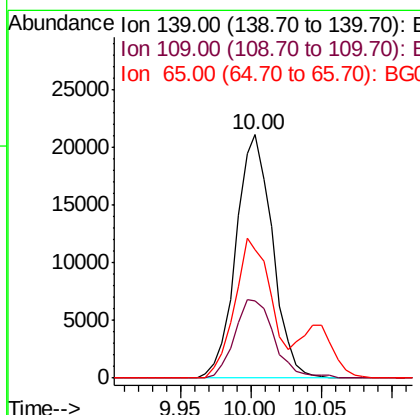
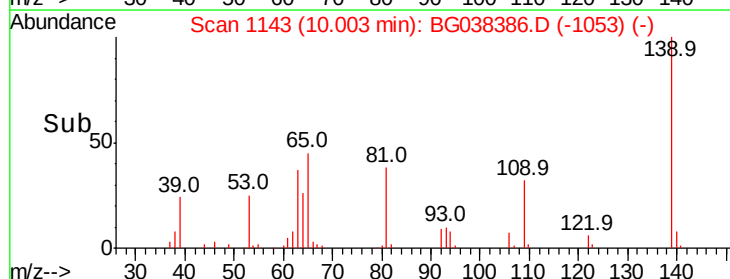
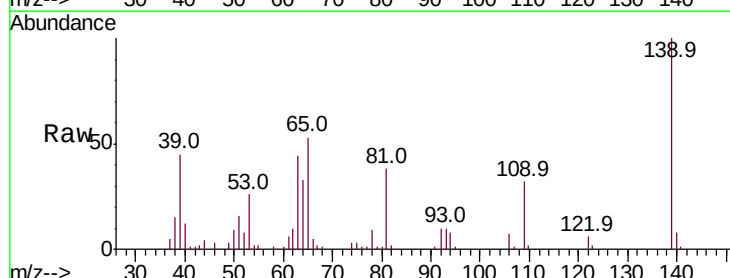
RT: 10.00 min Scan# 1143

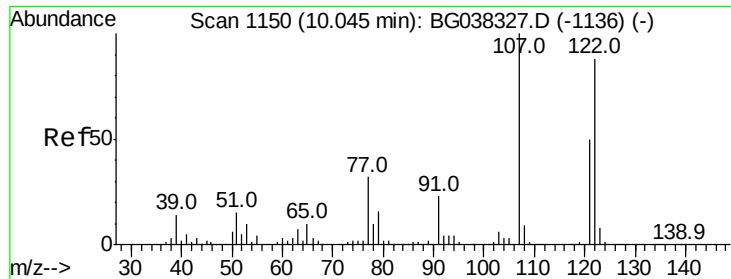
Delta R.T. -0.00 min

Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

Tgt Ion:	139	Resp:	38111
Ion Ratio	Lower	Upper	
139	100		
109	32.0	23.3	34.9
65	52.8	39.8	59.8





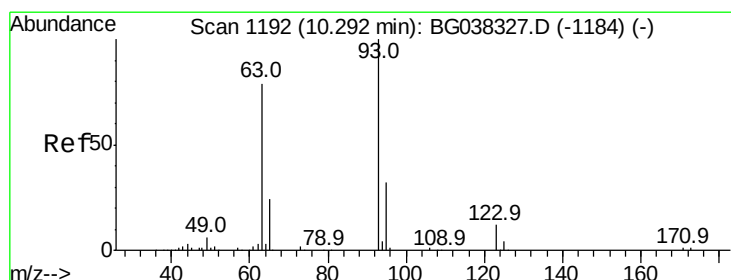
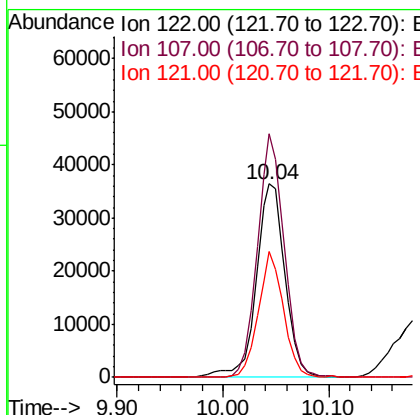
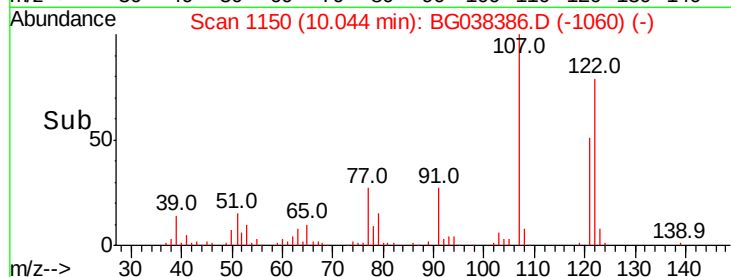
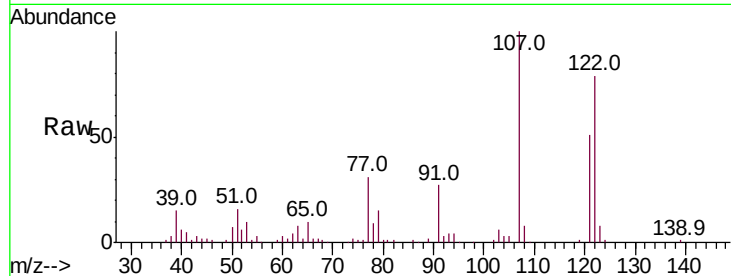
#27
2,4-Dimethylphenol
Concen: 45.265 ng
RT: 10.04 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.0	94.2	141.2
121	64.9	47.3	70.9

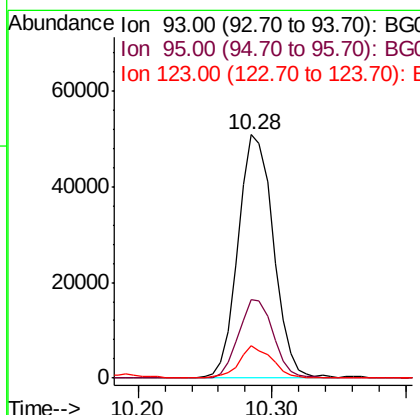
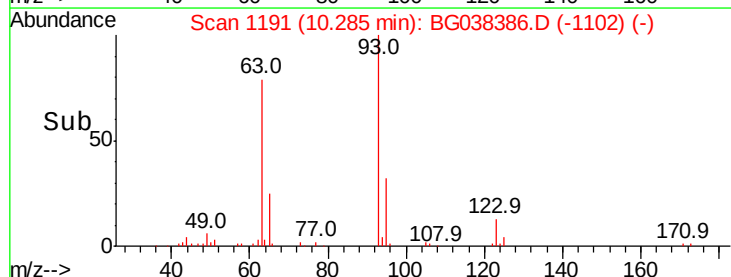
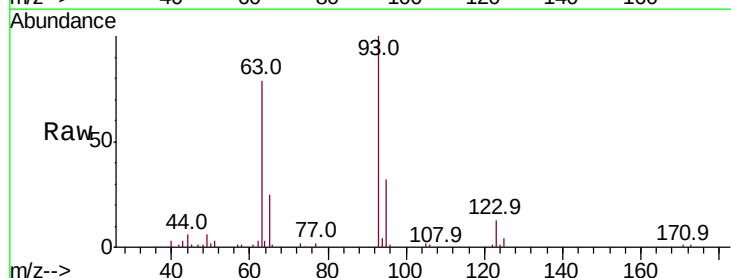
Manual Integrations
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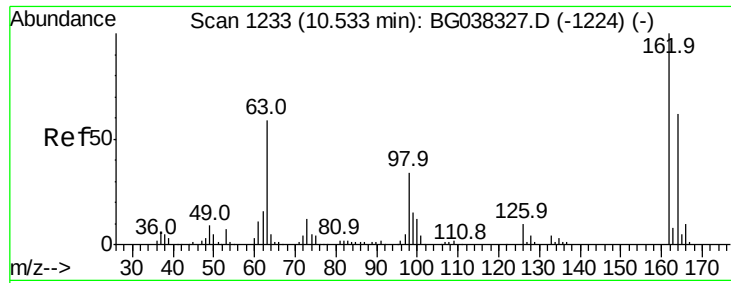
mohammad
12/7/2018 12:20:53 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.121 ng
RT: 10.28 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.6	37.0
123	13.2	9.1	13.7





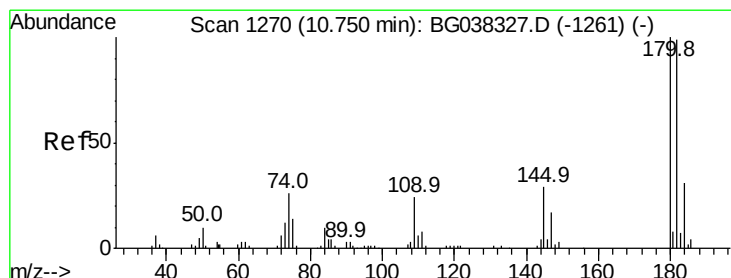
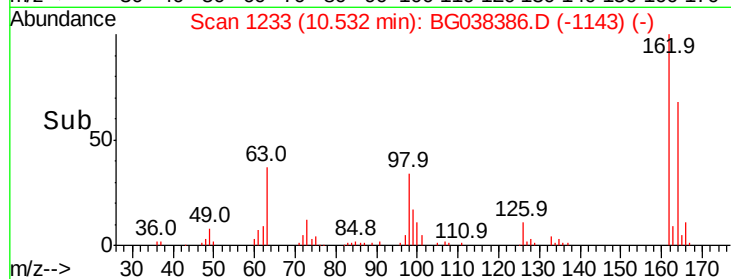
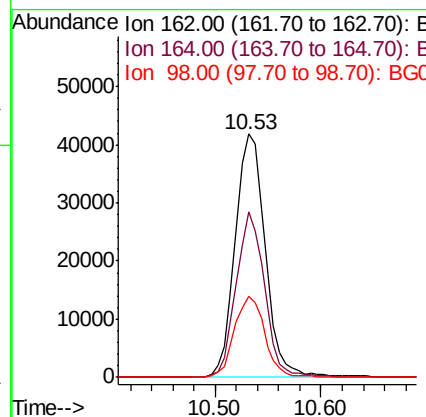
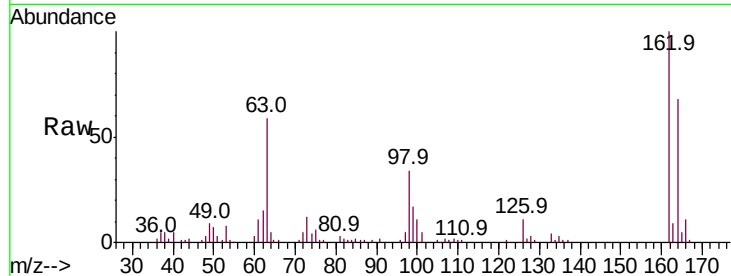
#29
 2,4-Dichlorophenol
 Concen: 47.345 ng
 RT: 10.53 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BG038386.D
 Acq: 6 Dec 2018 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	82139		
164	68.1	43.2	83.2	
98	33.5	16.0	56.0	

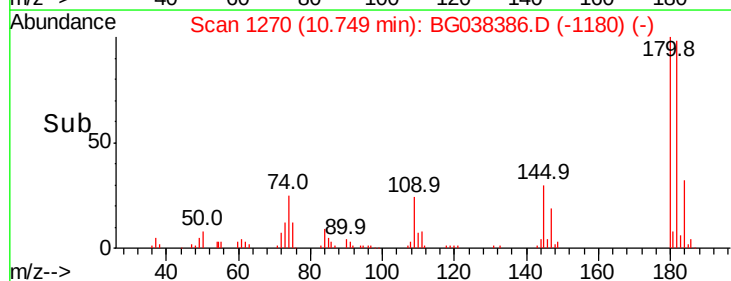
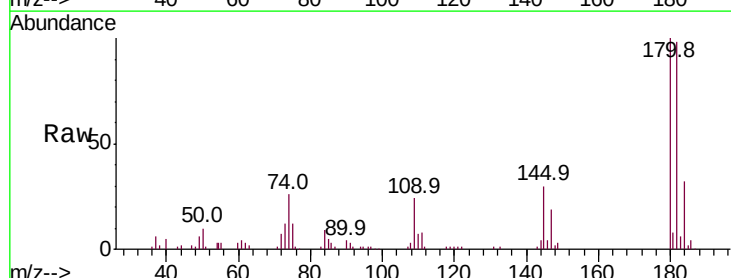
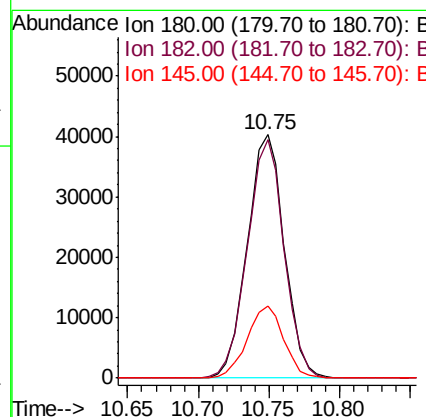
Manual Integrations
 APPROVED

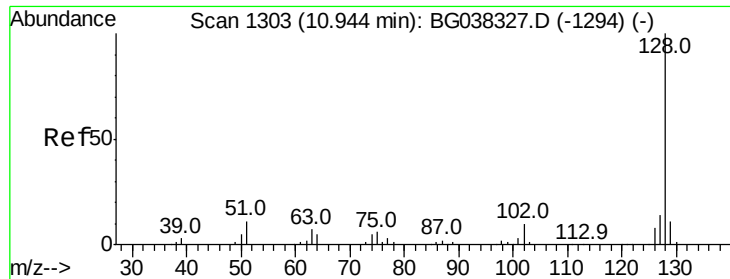
mohammad
 12/7/2018 12:20:53 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.339 ng
 RT: 10.75 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BG038386.D
 Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	74008		
182	98.0	77.7	116.5	
145	29.7	23.3	34.9	





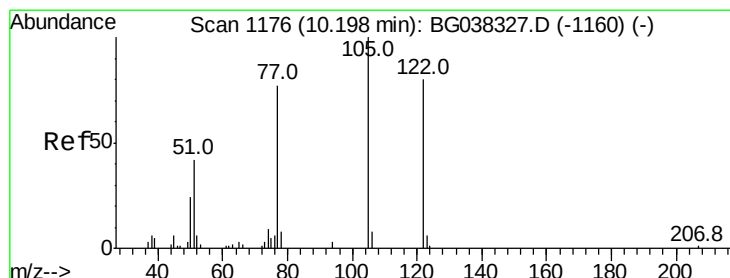
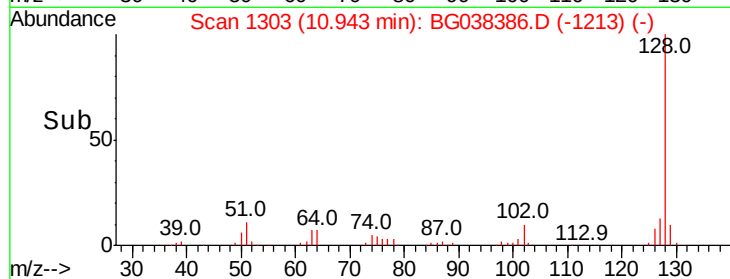
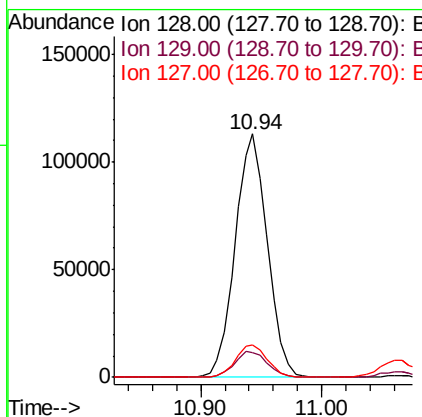
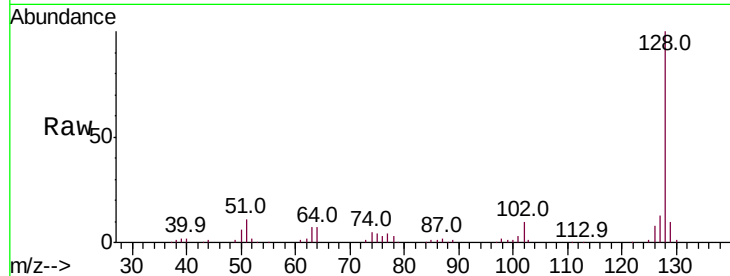
#31
Naphthalene
Concen: 39.225 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion:	128	Resp:	209098
Ion Ratio	Lower	Upper	
128	100		
129	10.0	9.0	13.6
127	13.2	11.1	16.7

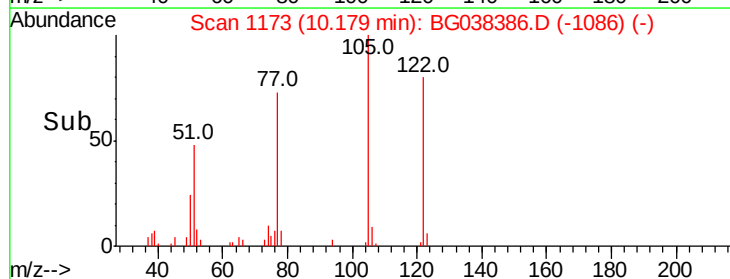
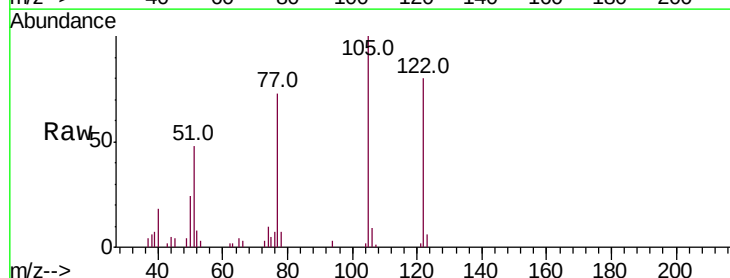
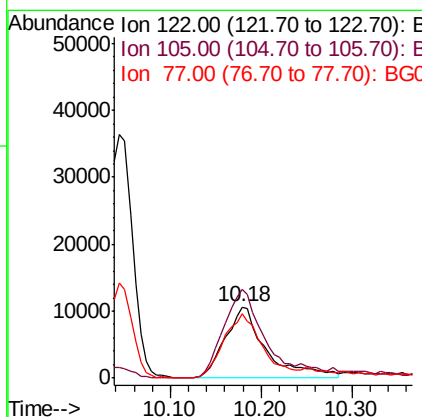
Manual Integrations
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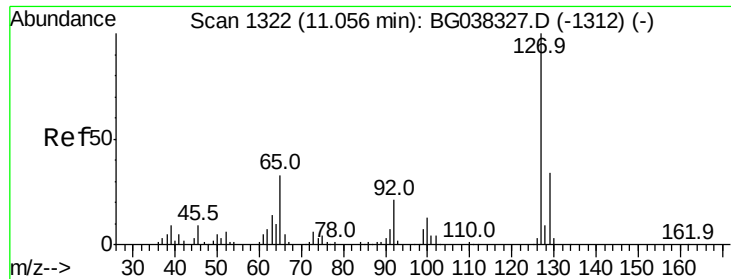
mohammad
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#32
Benzoic acid
Concen: 32.913 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tgt Ion:	122	Resp:	33721
Ion Ratio	Lower	Upper	
122	100		
105	124.9	106.7	146.7
77	90.8	72.2	112.2





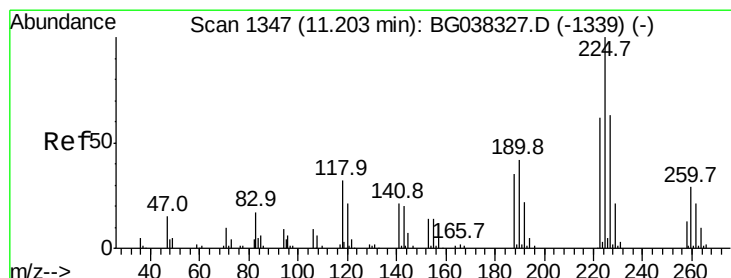
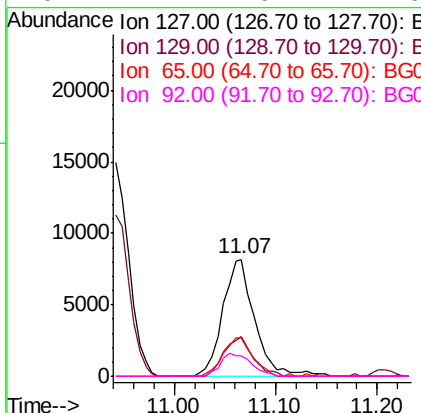
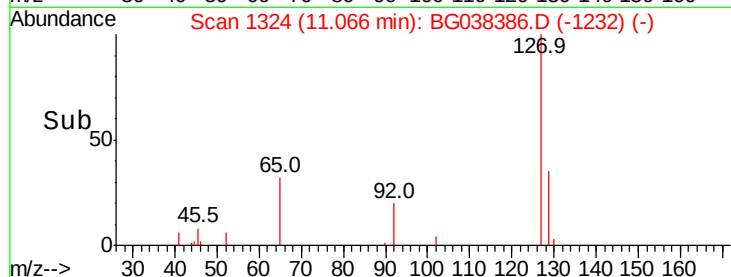
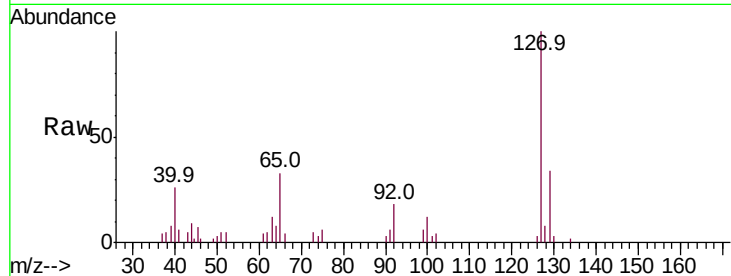
#33
4-Chloroaniline
Concen: 7.590 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.0	27.1	40.7
65	33.1	26.6	39.8
92	17.7	16.4	24.6

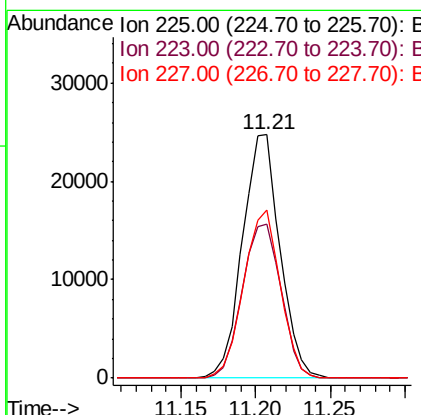
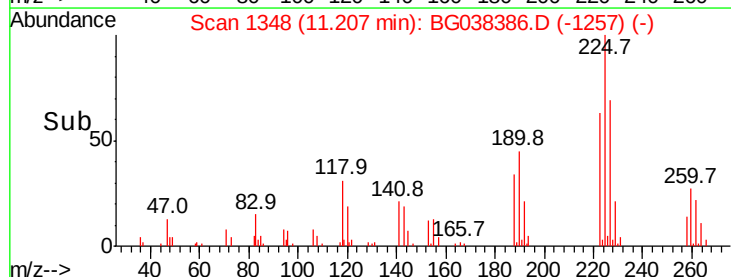
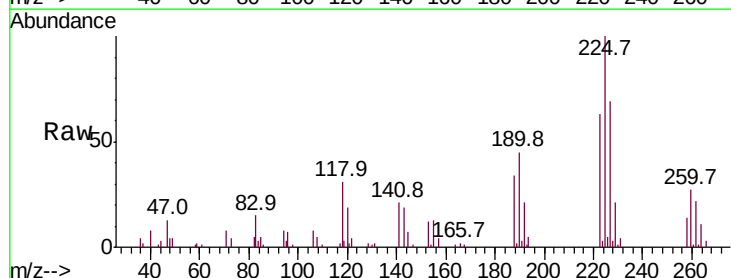
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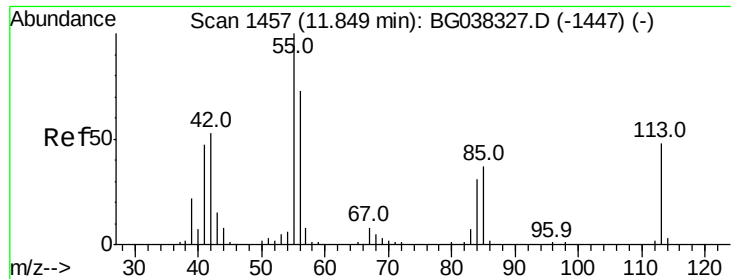
mohammad
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#34
Hexachlorobutadiene
Concen: 33.726 ng
RT: 11.21 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	48.2	72.4
227	69.2	51.6	77.4





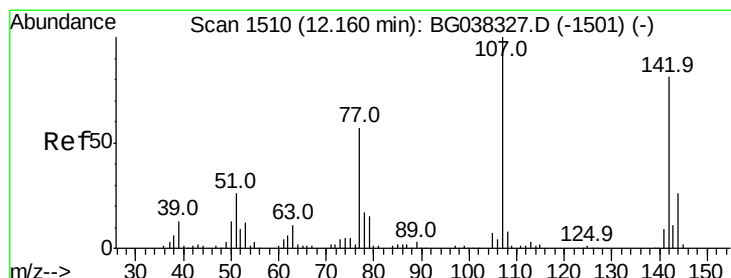
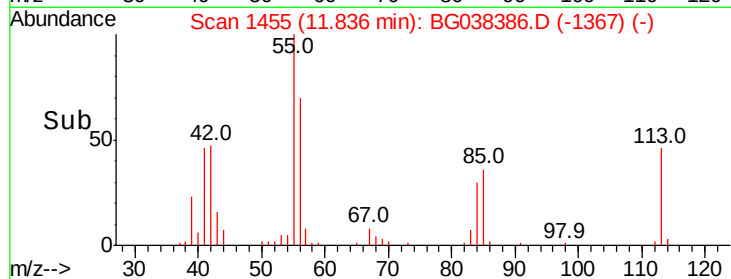
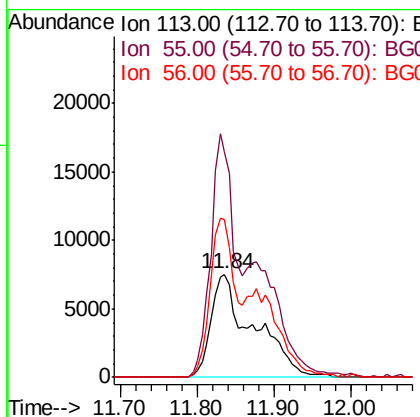
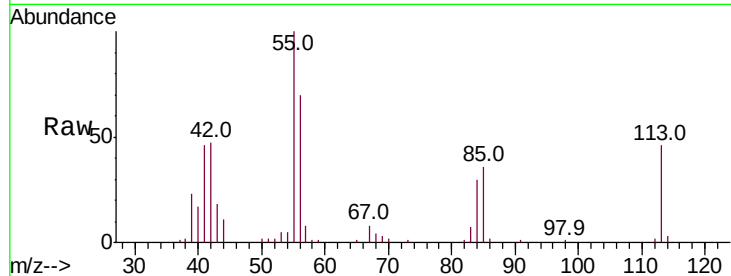
#35
 Caprolactam
 Concen: 40.017 ng/ml
 RT: 11.84 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BG038386.D
 Acq: 6 Dec 2018 17:14

Instrument :
 BNA_G
 ClientSampleID :
 PB115178BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	219.6	176.6	216.6#
56	153.8	128.3	168.3

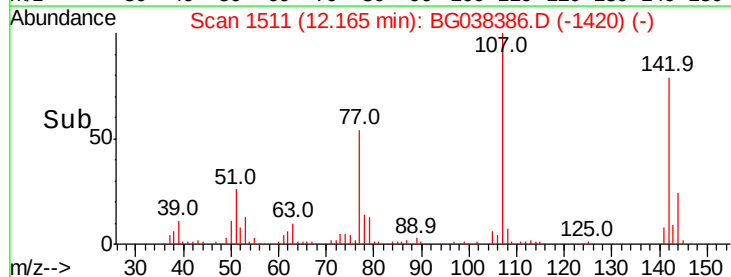
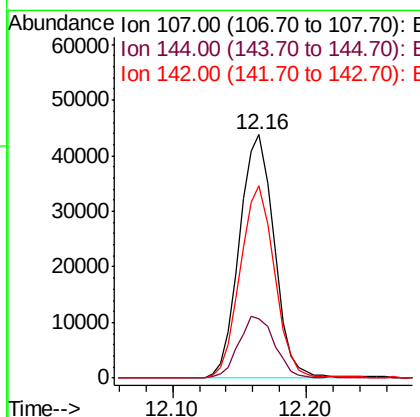
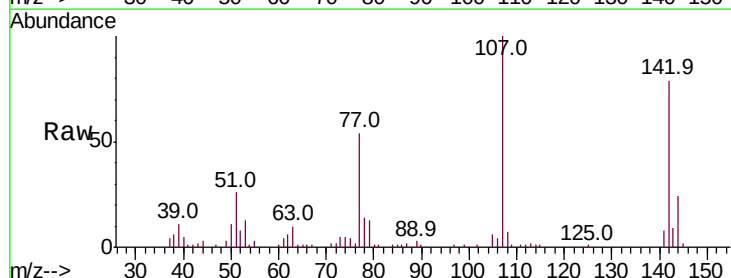
Manual Integrations
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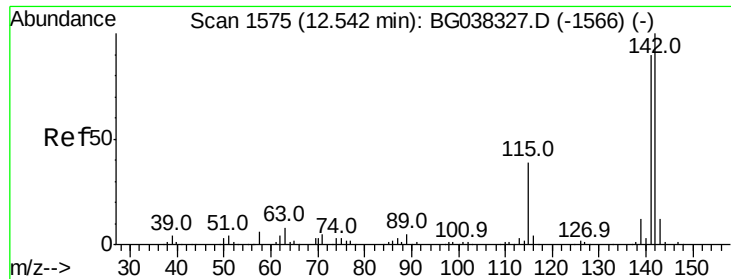
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 40.947 ng/ml
 RT: 12.16 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: BG038386.D
 Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	20.7	31.1
142	78.9	64.4	96.6





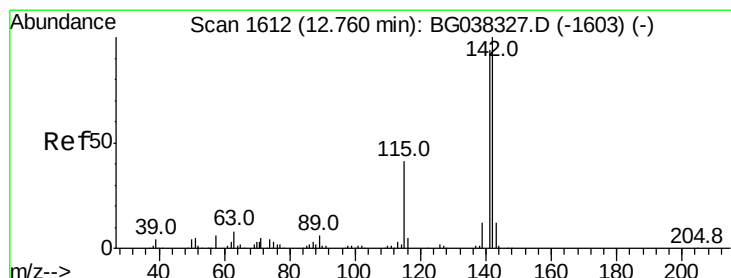
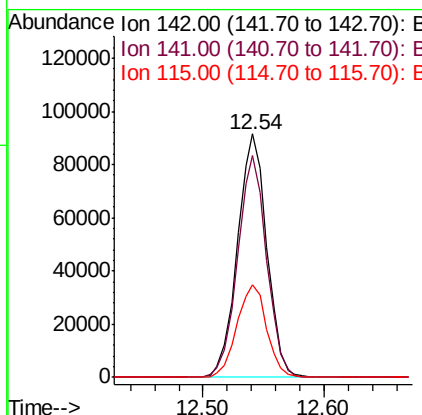
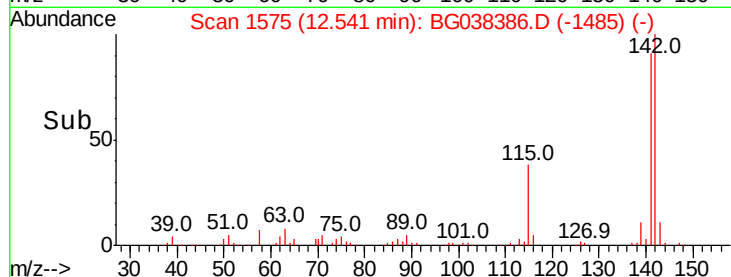
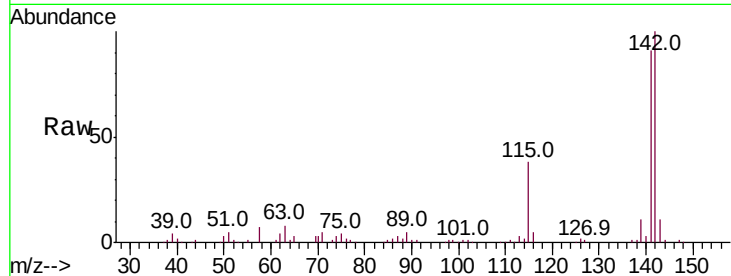
#37
2-Methylnaphthalene
Concen: 40.649 ng
RT: 12.54 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.9	107.9
115	37.9	27.8	41.8

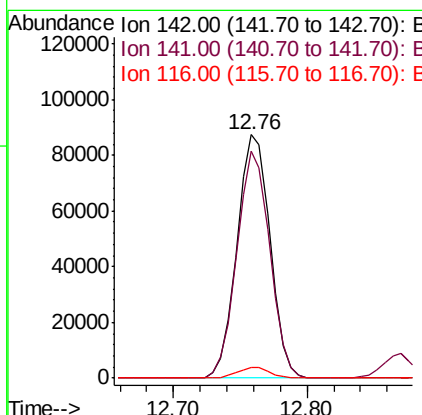
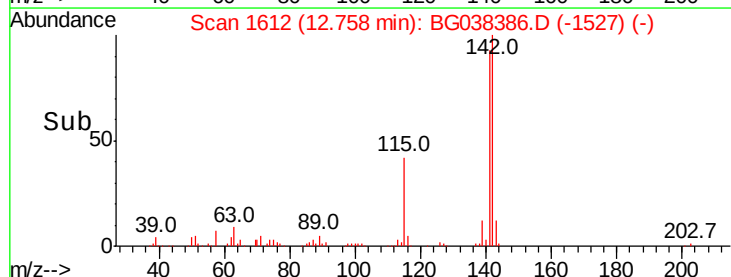
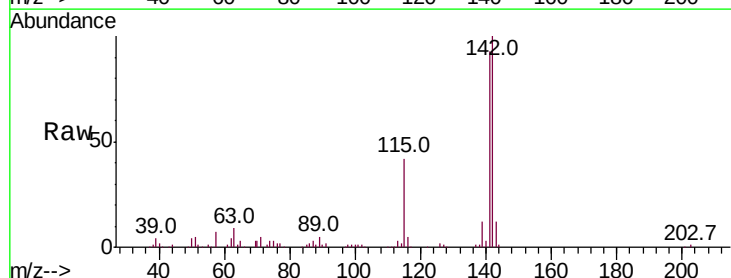
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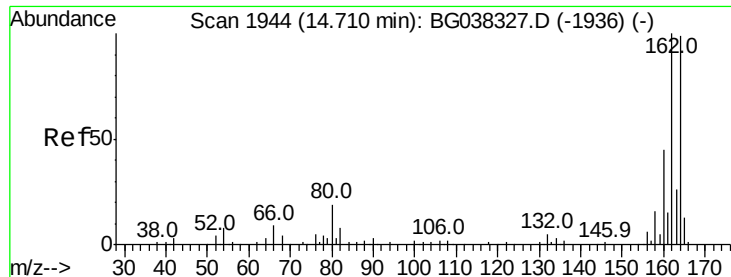
mohammad
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#38
1-Methylnaphthalene
Concen: 41.128 ng
RT: 12.76 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.2	112.8
116	4.6	3.3	4.9





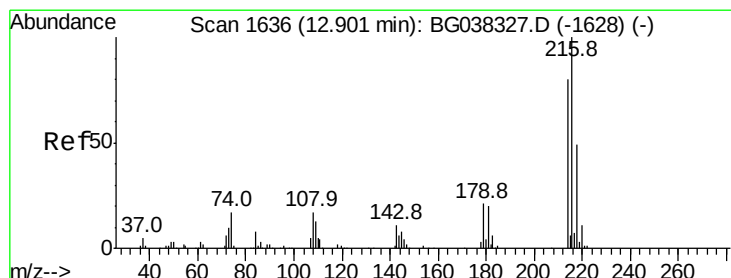
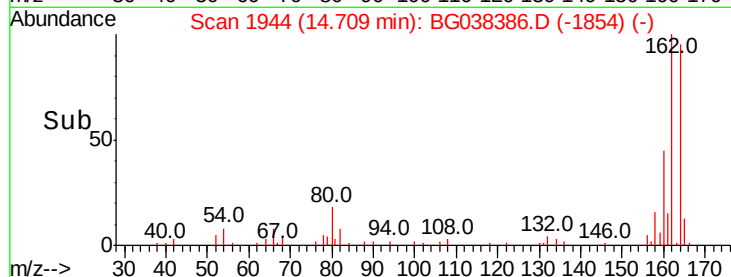
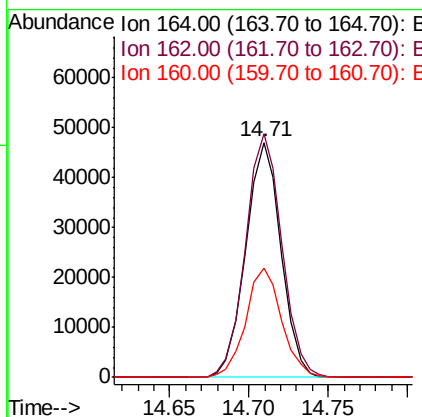
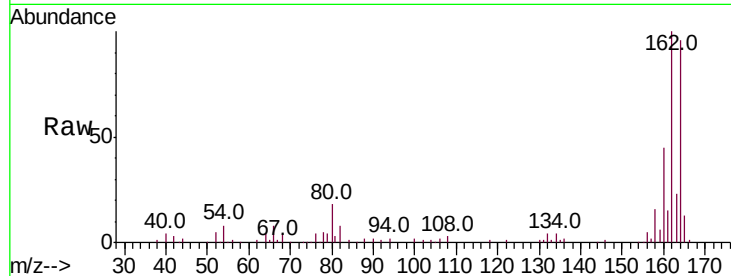
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.3	121.9
160	46.4	36.3	54.5

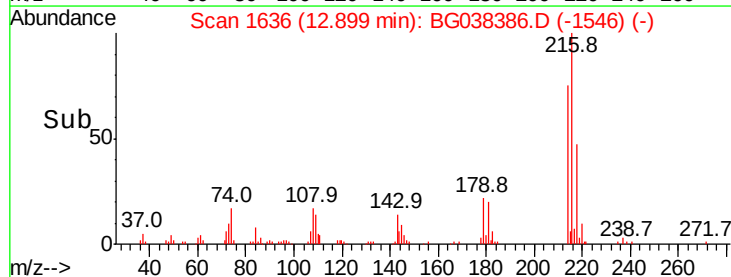
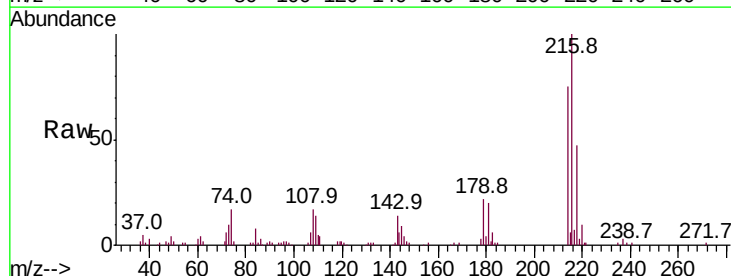
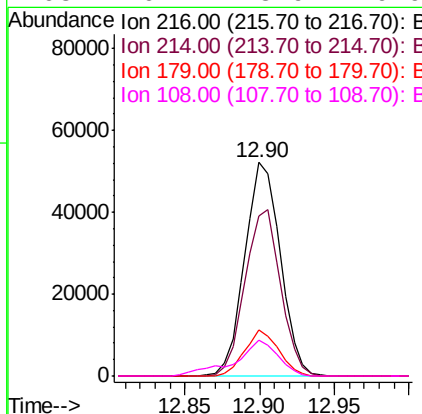
Manual Integrations
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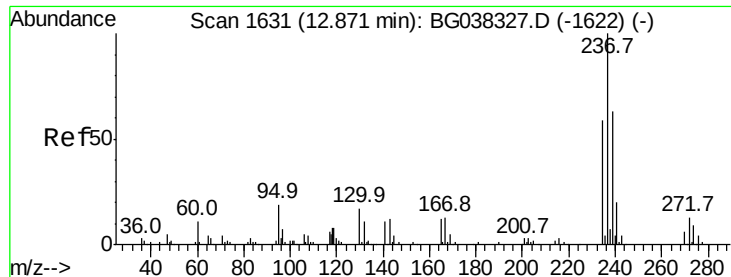
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.479 ng
RT: 12.90 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.4	63.8	95.6
179	20.5	17.4	26.0
108	20.1	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 83.417 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

Instrument :

BNA_G

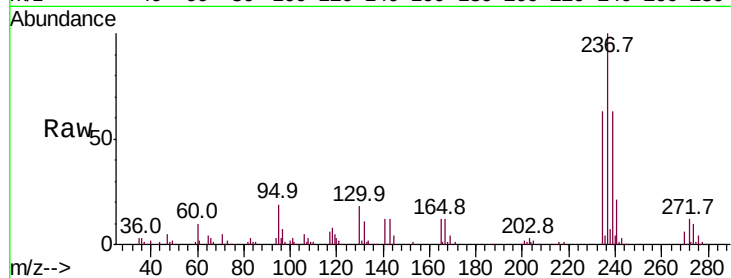
ClientSampleId :

PB115178BS

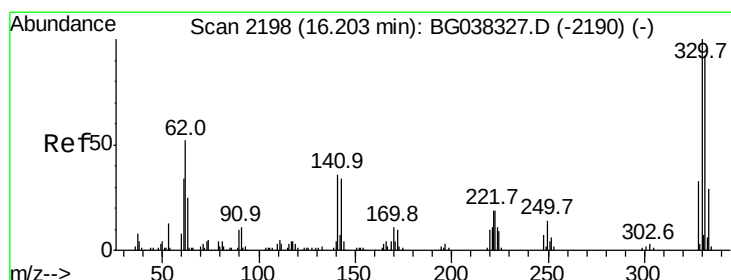
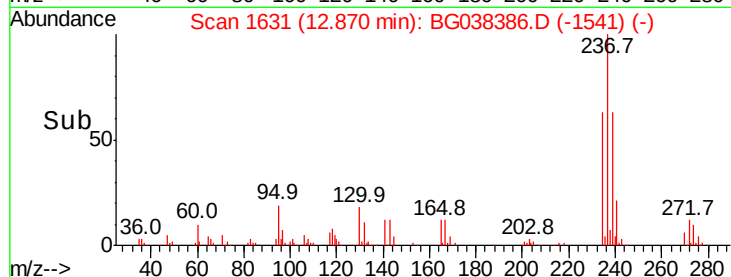
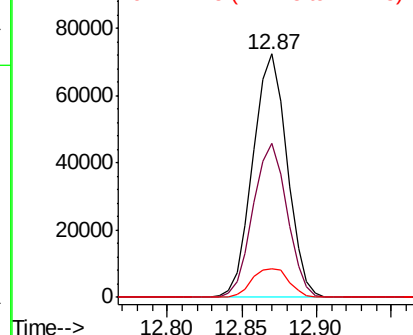
Tot Ion:	237	Resp:	114450
Ion Ratio	Lower	Upper	
237	100		
235	63.1	42.5	82.5
272	11.8	0.0	31.6

Manual Integrations
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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: 120.338 ng

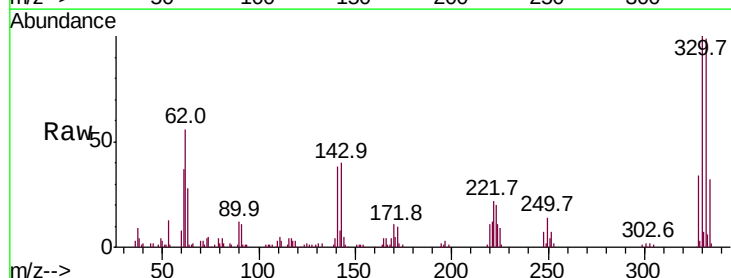
RT: 16.20 min Scan# 2198

Delta R.T. -0.00 min

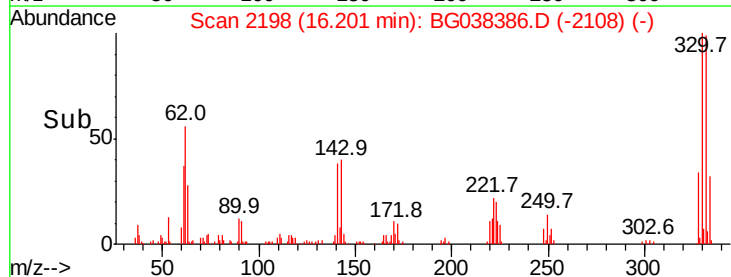
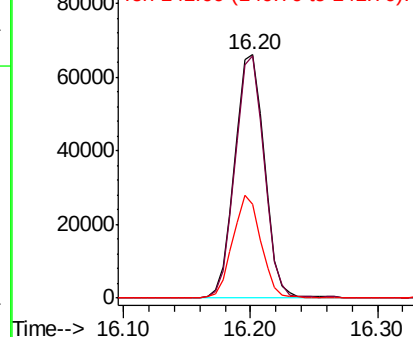
Lab File: BG038386.D

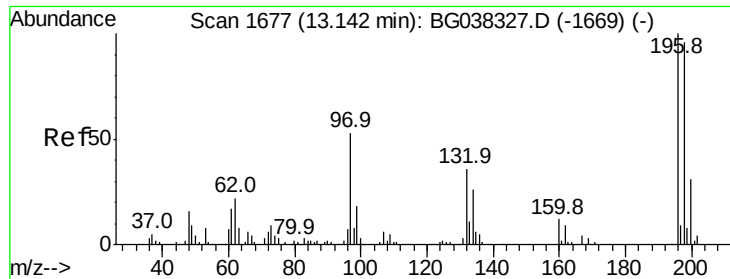
Acq: 6 Dec 2018 17:14

Tgt Ion:	330	Resp:	107188
Ion Ratio	Lower	Upper	
330	100		
332	96.7	78.4	117.6
141	40.1	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





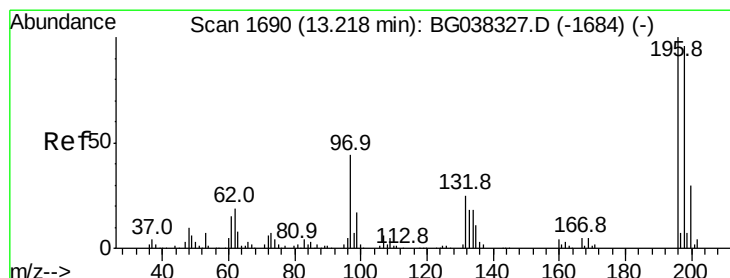
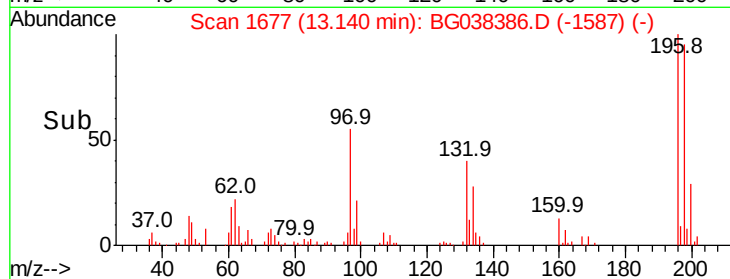
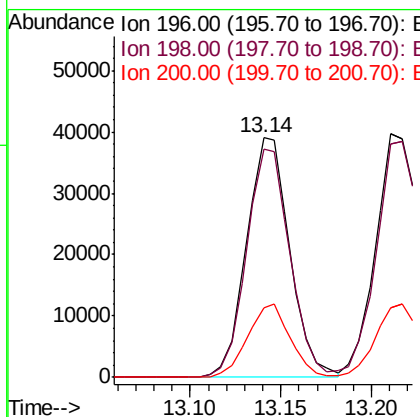
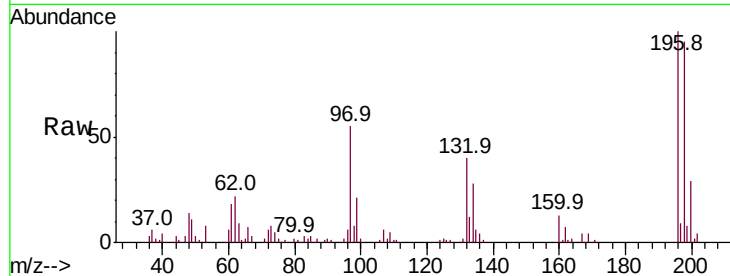
#43
 2,4,6-Trichlorophenol
 Concen: 40.007 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG038386.D
 Acq: 6 Dec 2018 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.4	114.6
200	29.3	24.9	37.3

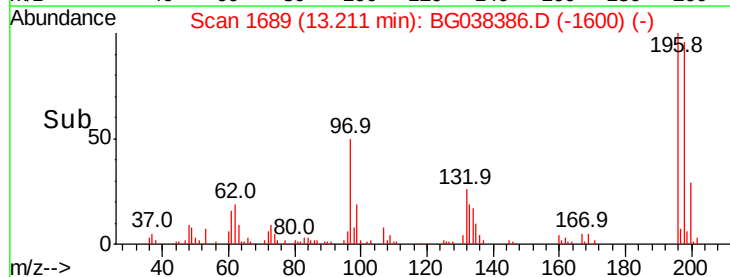
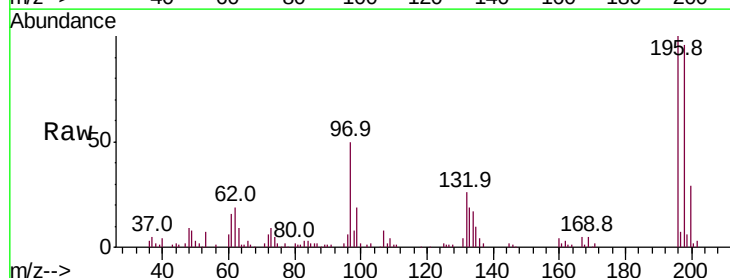
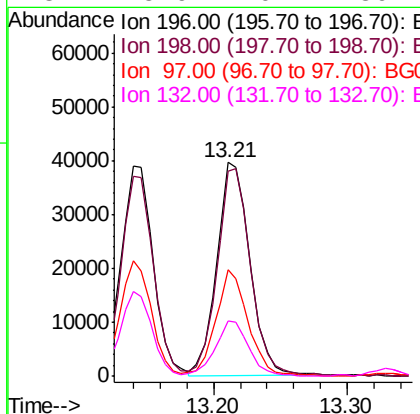
Manual Integrations
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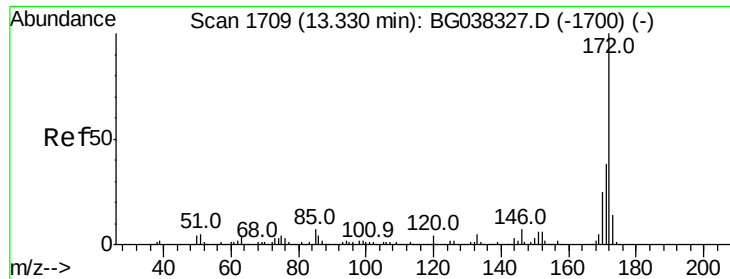
mohammad
 12/7/2018 12:20:53 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.141 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG038386.D
 Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	74.2	111.2
97	49.7	34.1	51.1
132	25.9	20.2	30.4





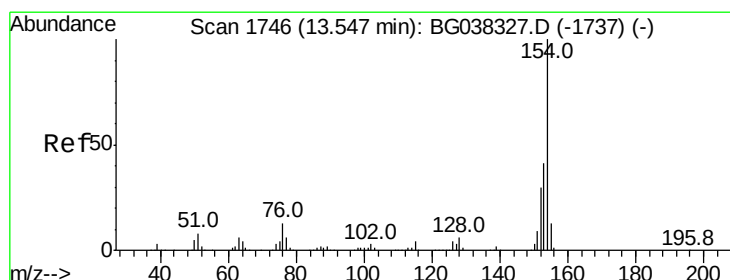
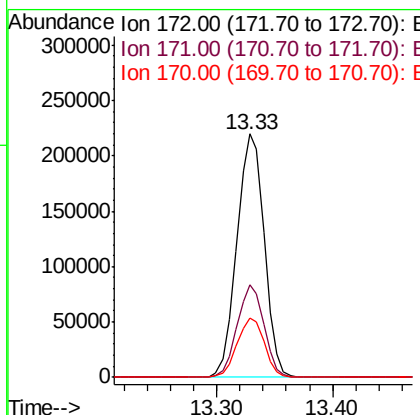
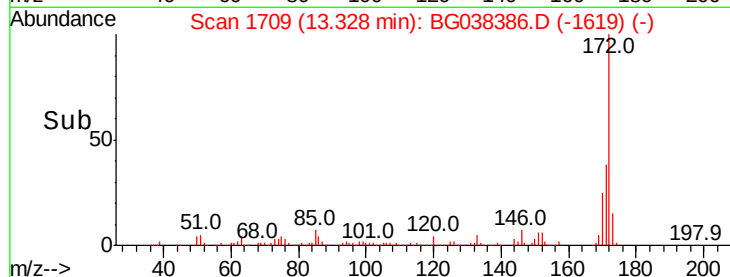
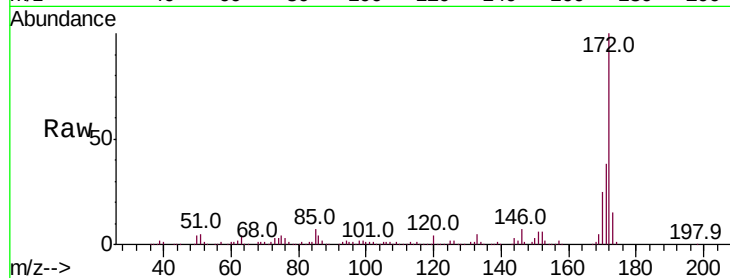
#45
2-Fluorobiphenyl
Concen: 70.481 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	358893		
171	37.9		31.0	46.4
170	24.6		20.2	30.2

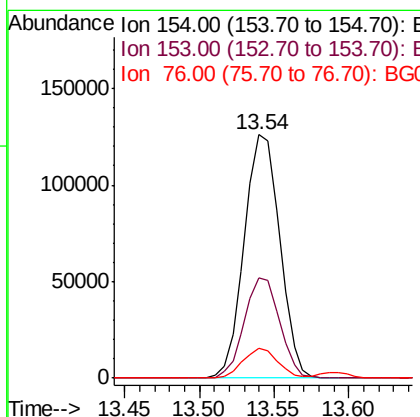
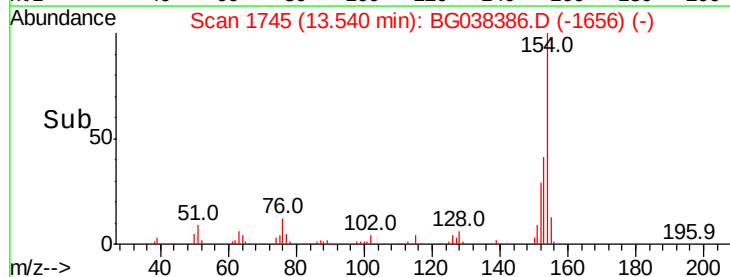
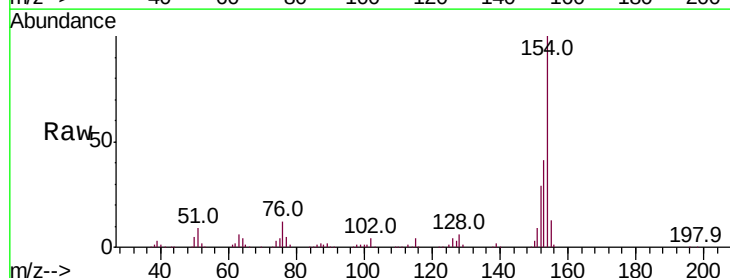
Manual Integrations
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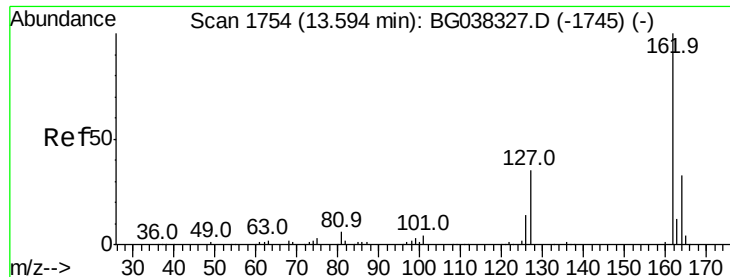
mohammad
12/7/2018 12:20:53 PM



#46
1,1'-Biphenyl
Concen: 33.810 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	207364		
153	41.4		22.1	62.1
76	12.3		0.0	33.2





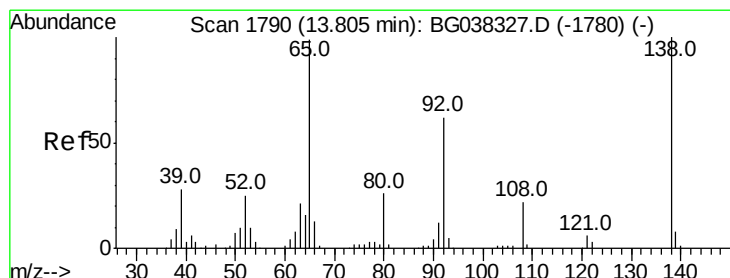
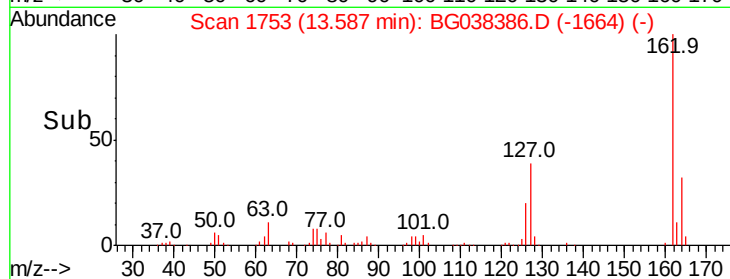
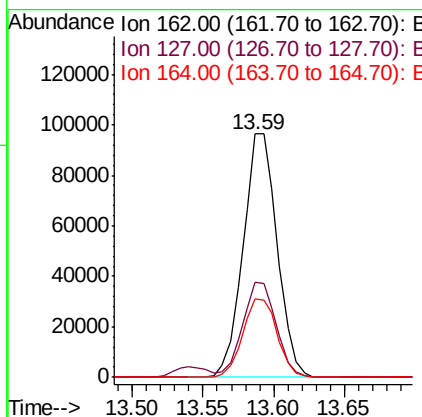
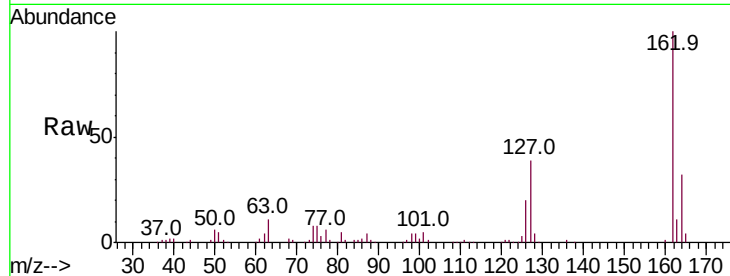
#47
2-Chloronaphthalene
Concen: 35.175 ng
RT: 13.59 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	30.5	45.7
164	32.4	26.4	39.6

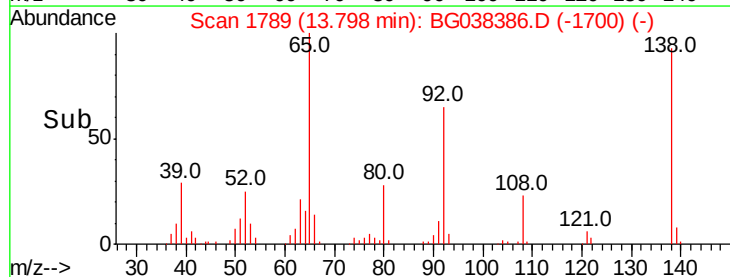
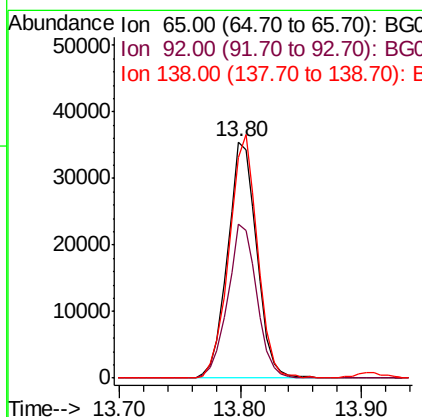
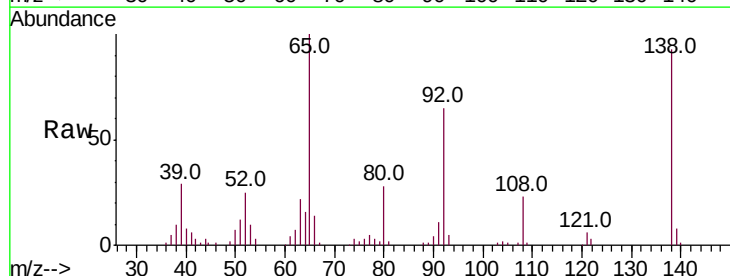
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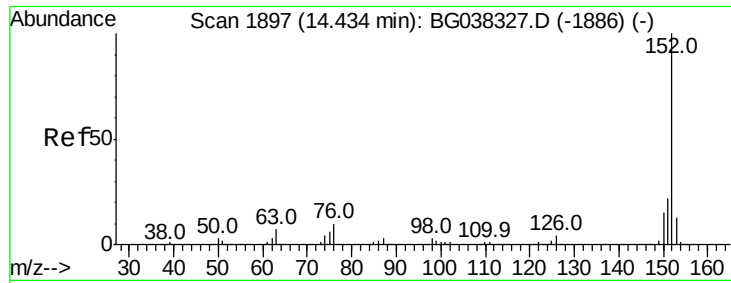
mohammad
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#48
2-Nitroaniline
Concen: 38.273 ng
RT: 13.80 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.3	53.2	79.8
138	93.4	79.3	118.9





#49

Acenaphthylene

Concen: 40.901 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

Instrument :

BNA_G

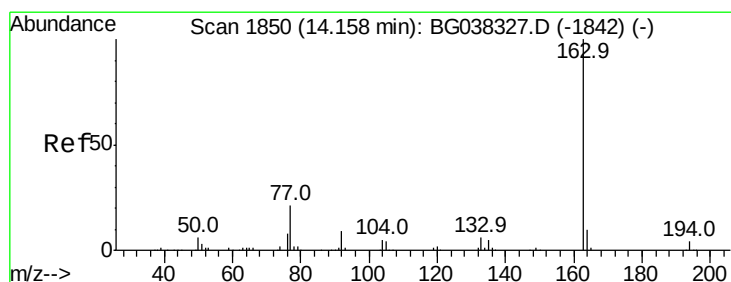
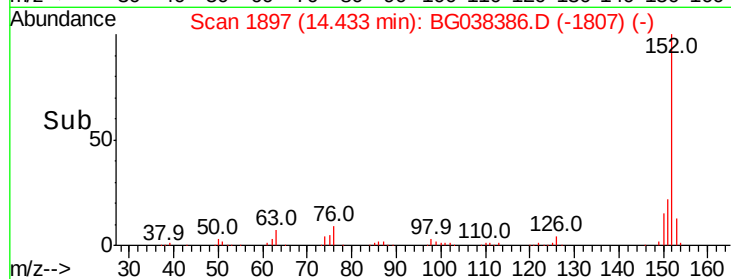
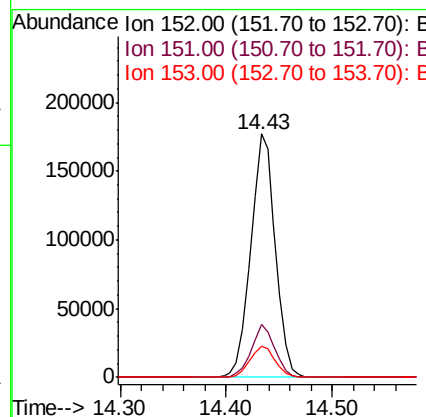
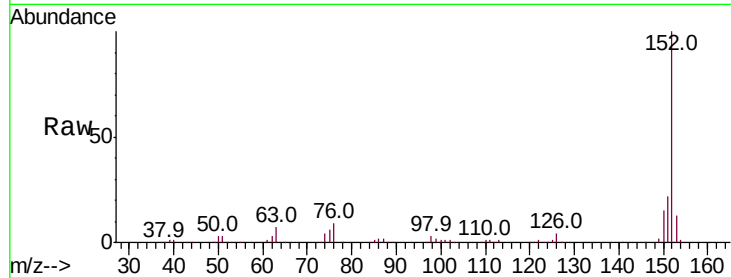
ClientSampleId :

PB115178BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.1	25.7
153	13.0	11.1	16.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 38.561 ng

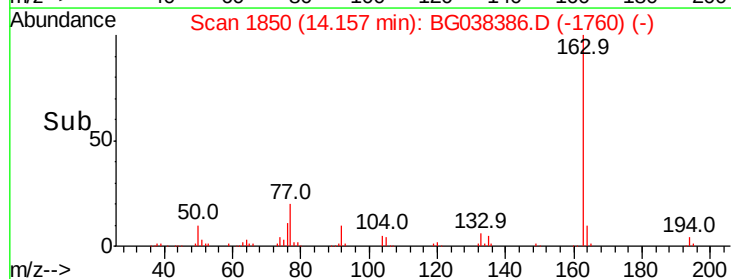
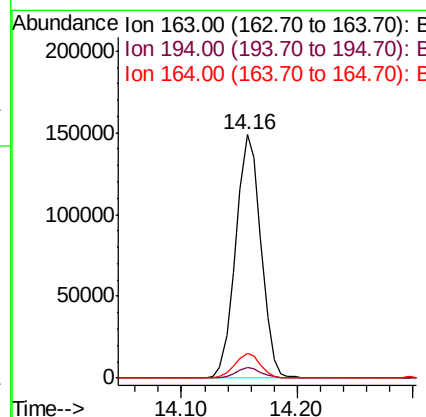
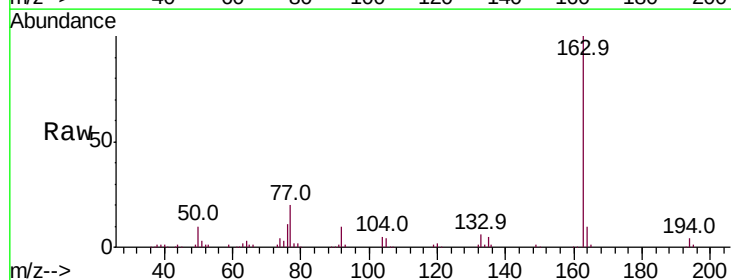
RT: 14.16 min Scan# 1850

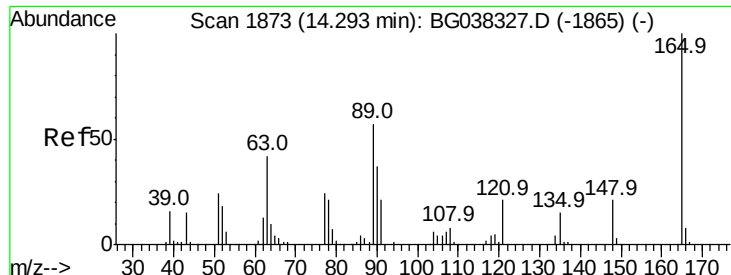
Delta R.T. -0.00 min

Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.3	8.5	12.7





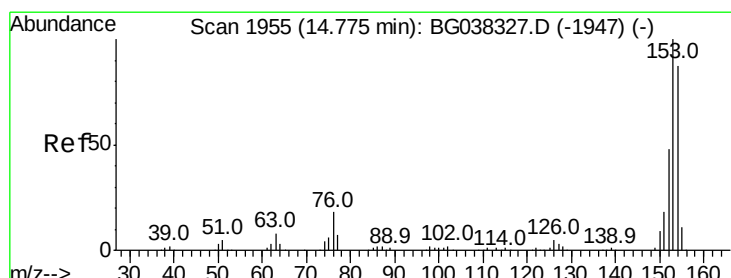
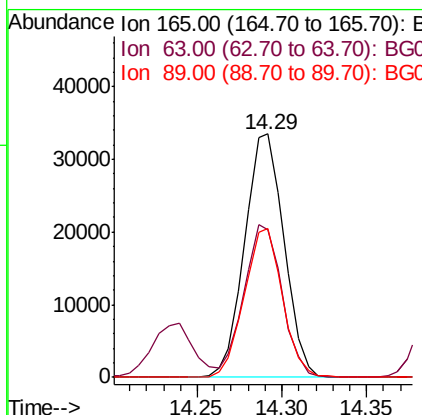
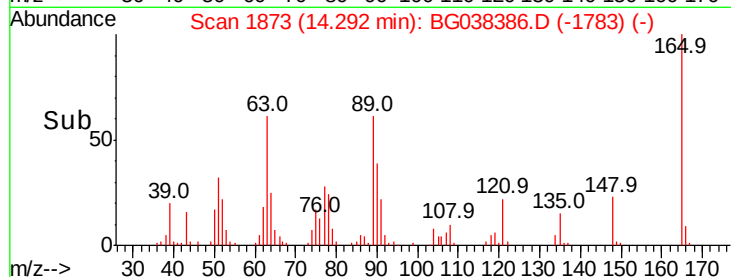
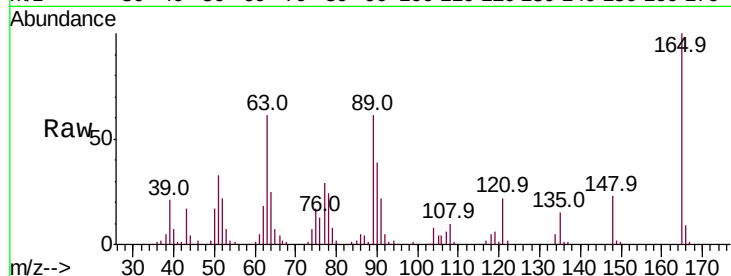
#51
 2,6-Dinitrotoluene
 Concen: 40.783 ng
 RT: 14.29 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: BG038386.D
 Acq: 6 Dec 2018 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.7	43.4	65.2
89	61.3	45.8	68.6

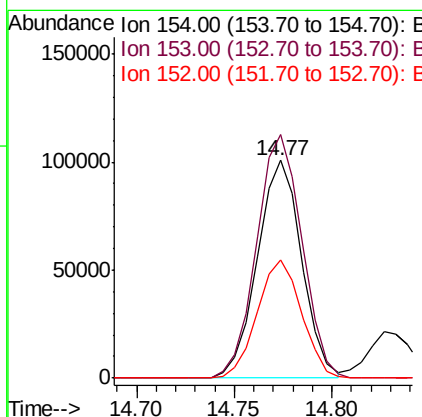
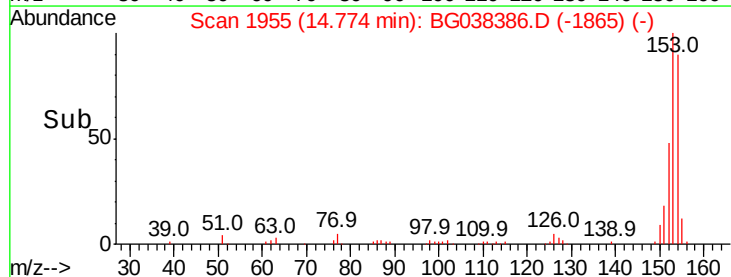
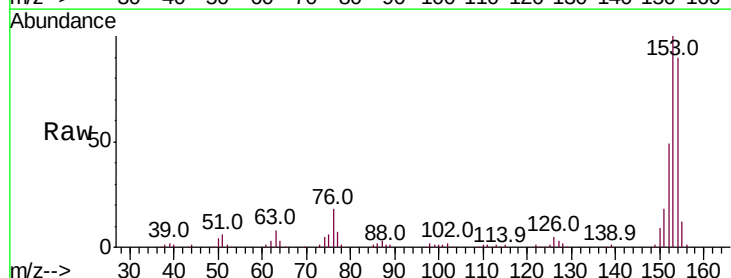
Manual Integrations
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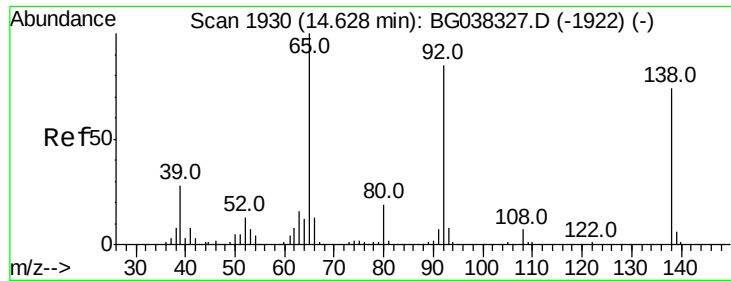
mohammad
 12/7/2018 12:20:53 PM



#52
 Acenaphthene
 Concen: 37.178 ng
 RT: 14.77 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: BG038386.D
 Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	93.4	140.0
152	54.5	44.7	67.1





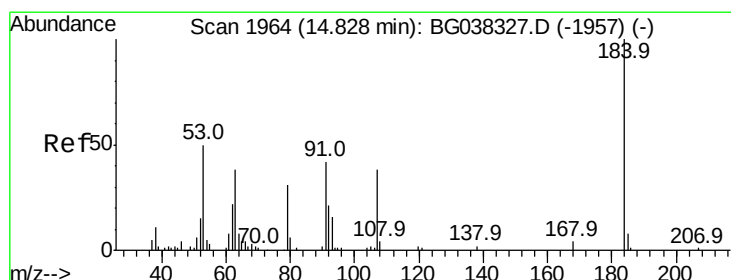
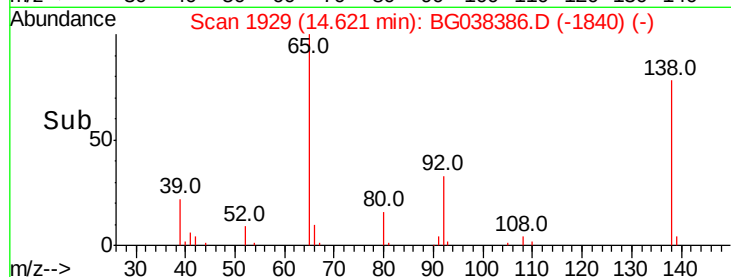
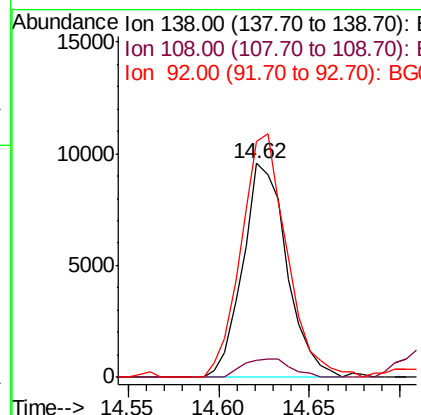
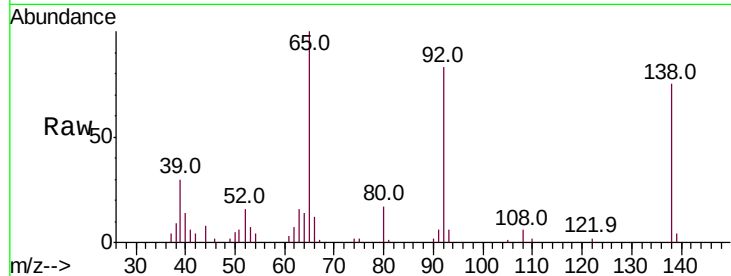
#53
 3-Nitroaniline
 Concen: 11.313 ng
 RT: 14.62 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BG038386.D
 Acq: 6 Dec 2018 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	7.8	11.0	16.6#
92	110.6	95.2	142.8

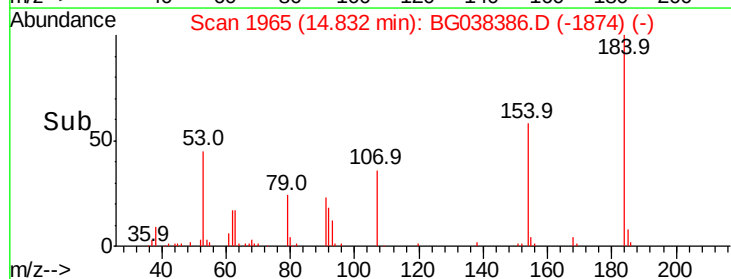
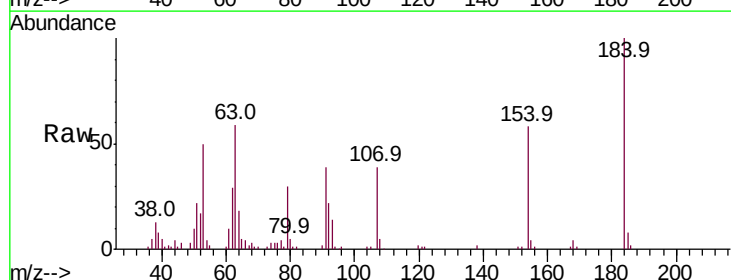
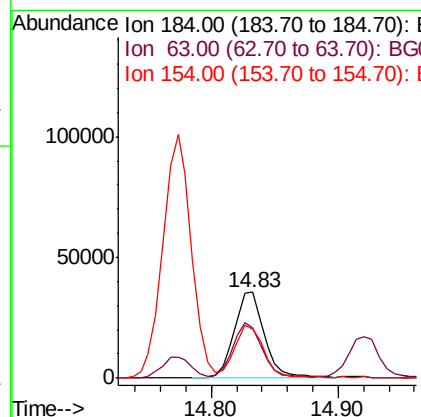
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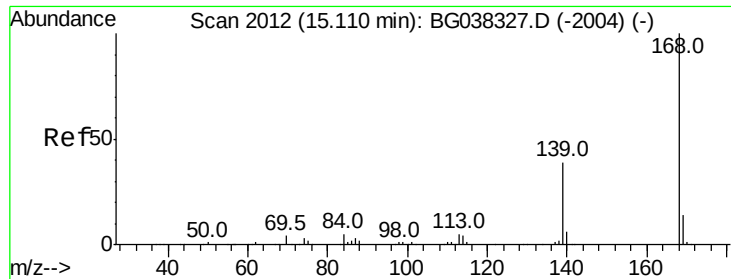
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 80.660 ng
 RT: 14.83 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: BG038386.D
 Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.4	42.6	63.8
154	57.8	41.8	62.6





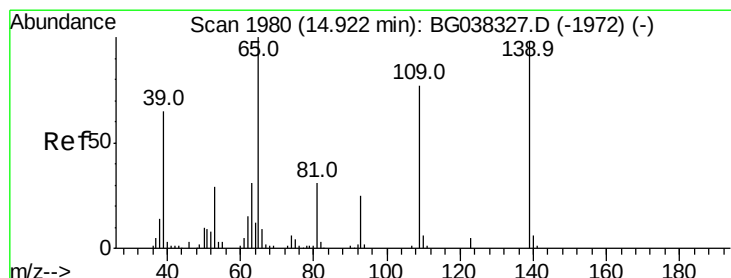
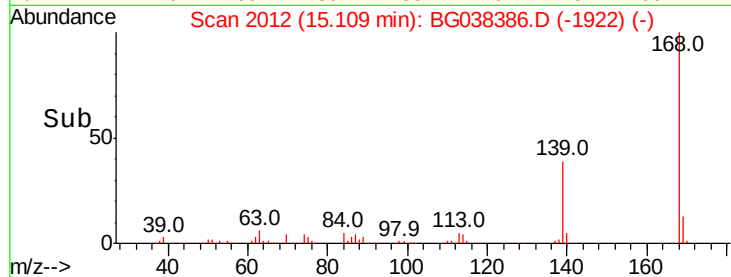
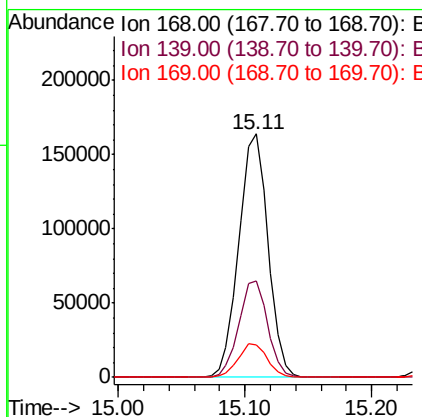
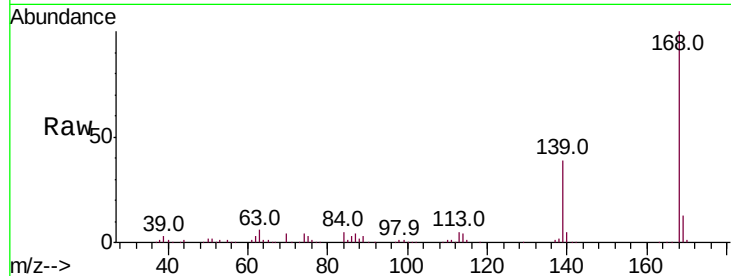
#55
Dibenzenofuran
Concen: 37.295 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	261996		
139	39.5		29.4	44.0
169	13.4		11.0	16.6

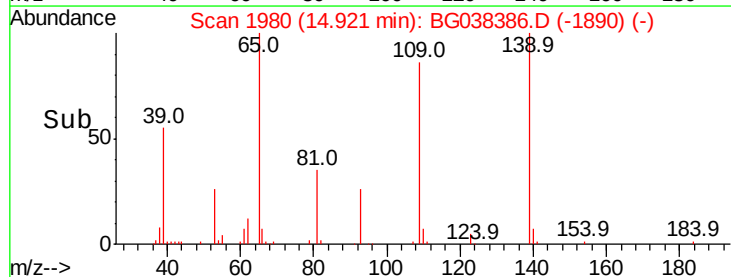
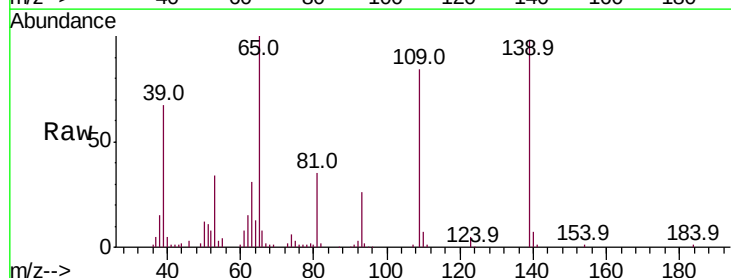
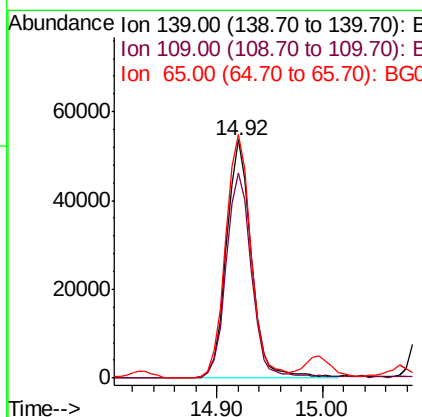
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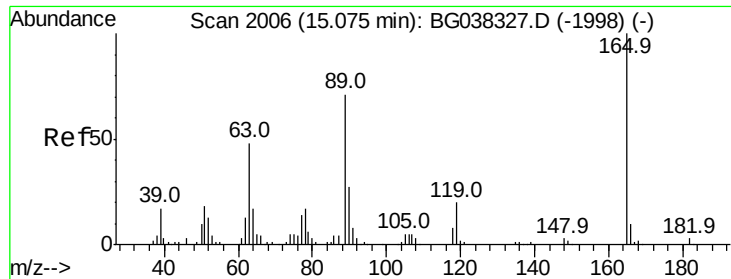
mohammad
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#56
4-Nitrophenol
Concen: 77.718 ng
RT: 14.92 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	87899		
109	86.2		49.5	89.5
65	102.3		76.8	116.8





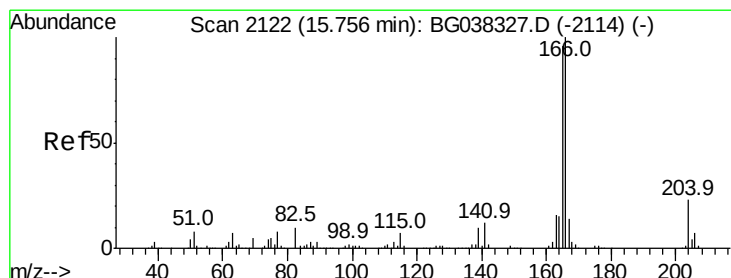
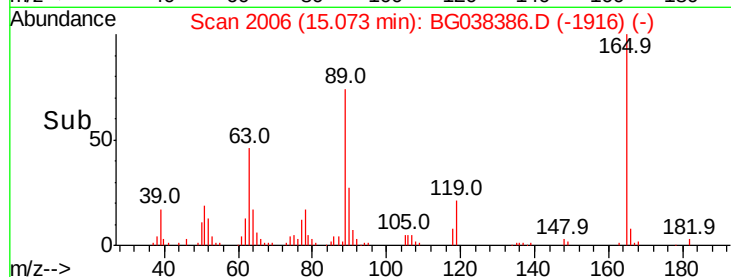
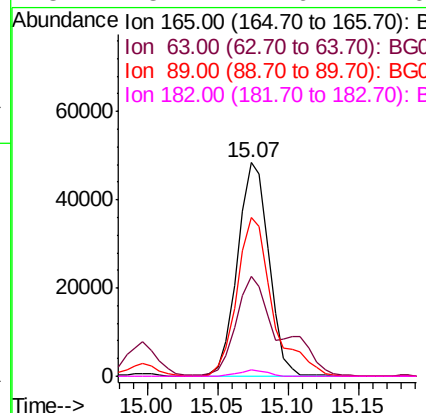
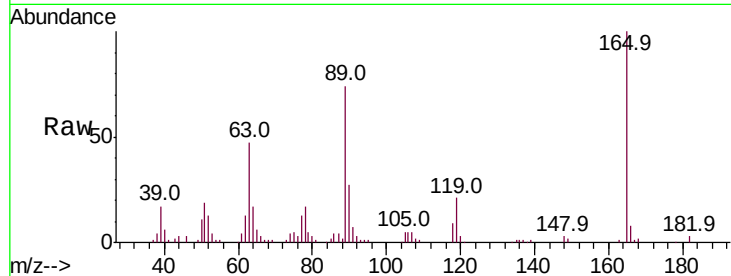
#57
2,4-Dinitrotoluene
Concen: 40.913 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.7	33.4	50.0
89	74.0	57.2	85.8
182	3.1	2.6	4.0

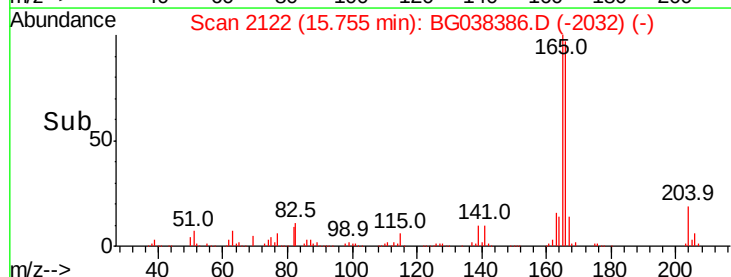
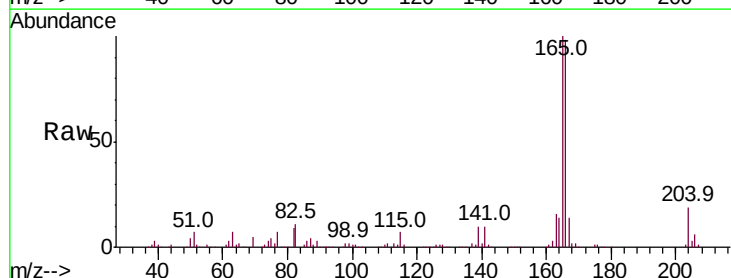
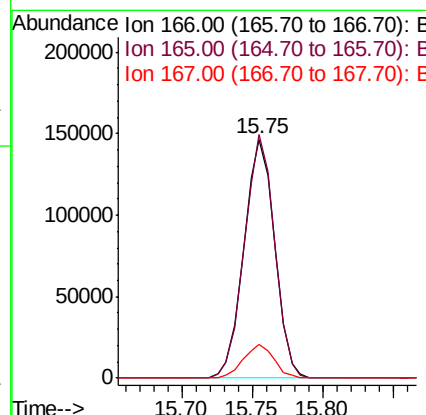
Manual Integrations
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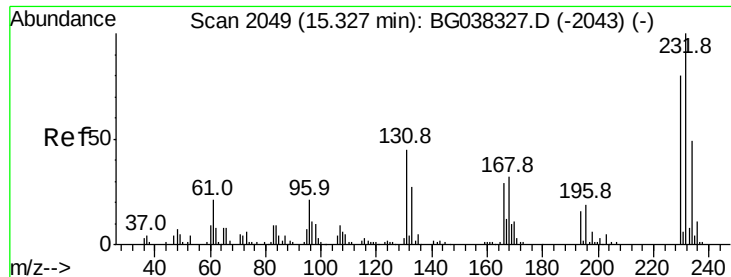
mohammad
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#58
Fluorene
Concen: 43.061 ng
RT: 15.75 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.1	79.0	118.6
167	14.3	11.3	16.9





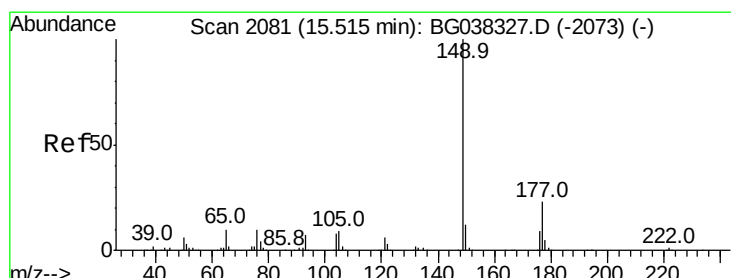
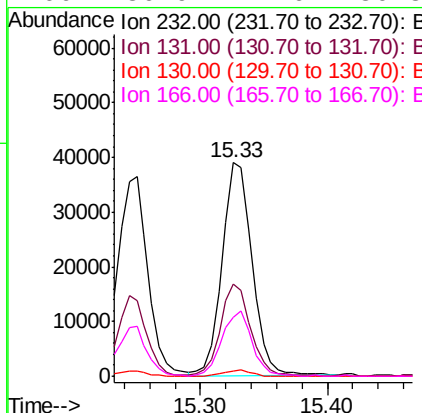
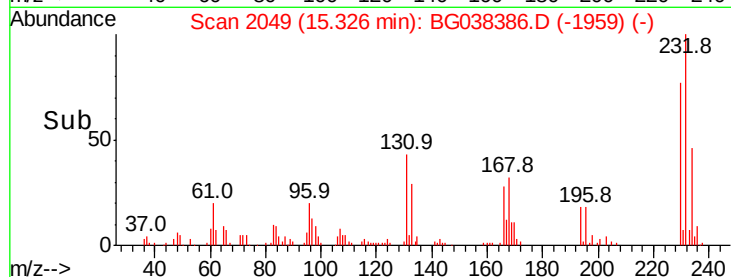
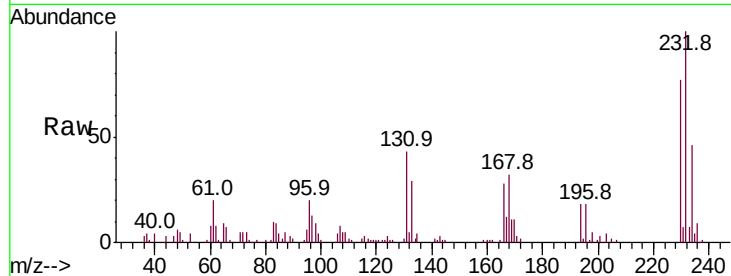
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.707 ng
RT: 15.33 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.0	33.7	50.5
130	2.4	2.1	3.1
166	30.9	24.6	36.8

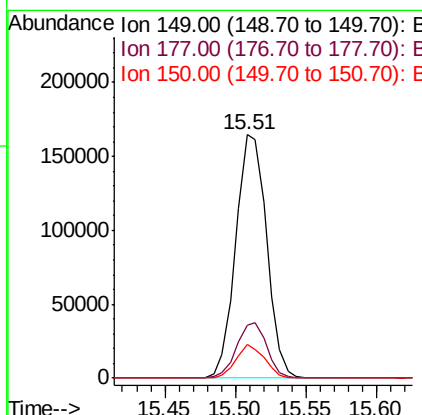
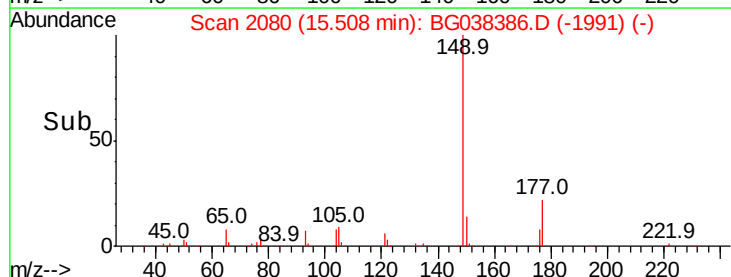
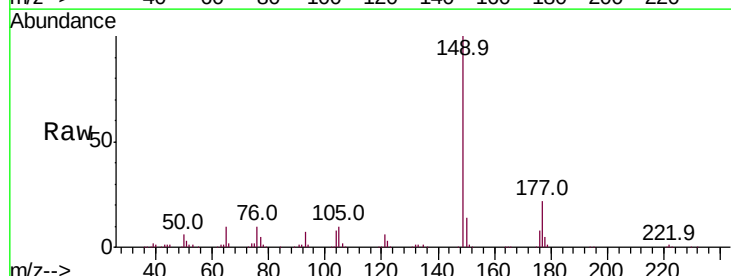
Manual Integrations
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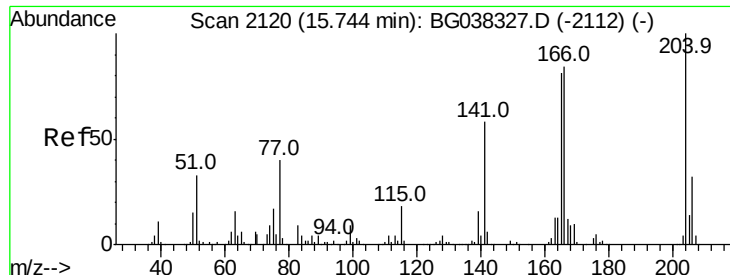
mohammad
12/7/2018 12:20:53 PM



#60
Diethylphthalate
Concen: 38.917 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	18.3	27.5
150	13.9	10.0	15.0





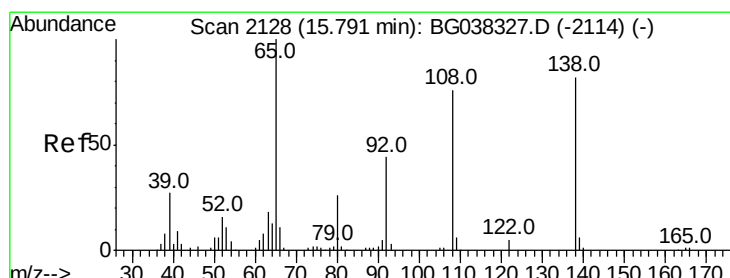
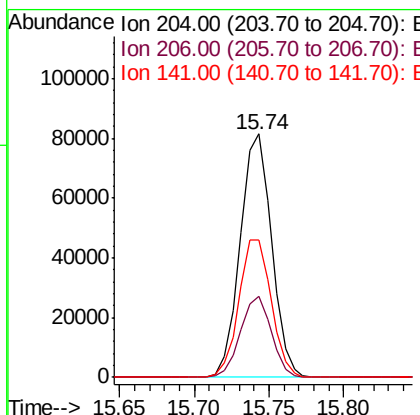
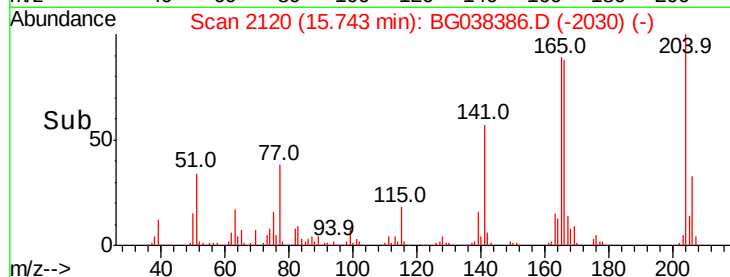
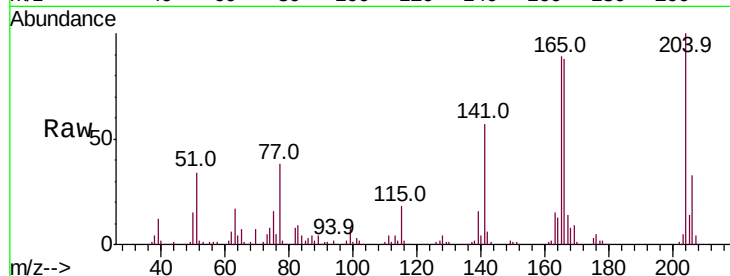
#61
4-Chlorophenyl-phenylether
Concen: 38.259 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Instrument :
BNA_G
ClientSampled :
PB115178BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	39.8
141	56.5	45.4	68.2

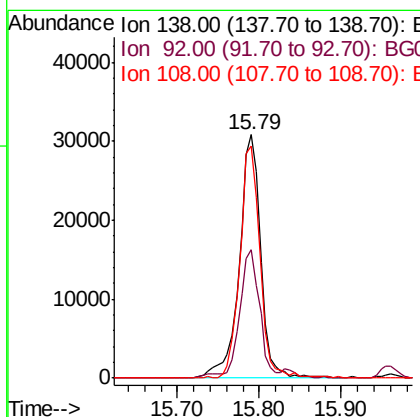
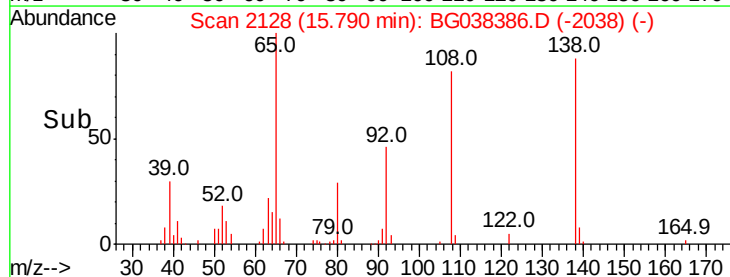
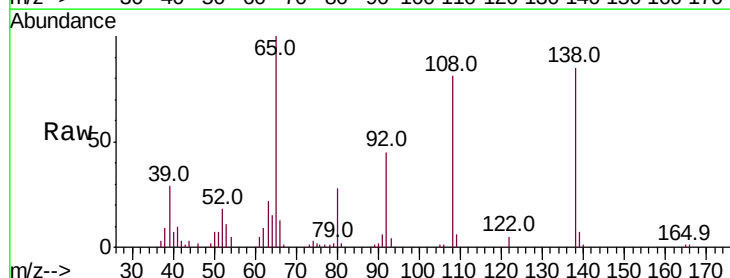
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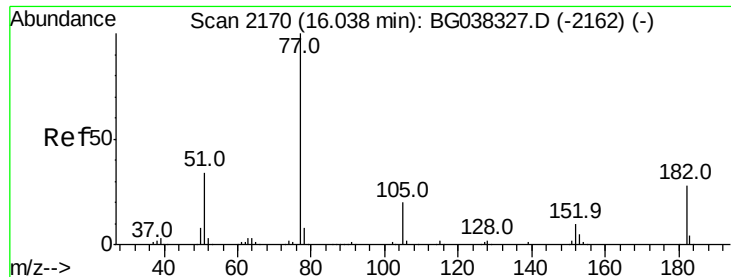
mohammad
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#62
4-Nitroaniline
Concen: 39.764 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.8	36.4	76.4
108	95.4	60.1	100.1





#63

Azobenzene

Concen: 38.791 ng

RT: 16.04 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

Instrument :

BNA_G

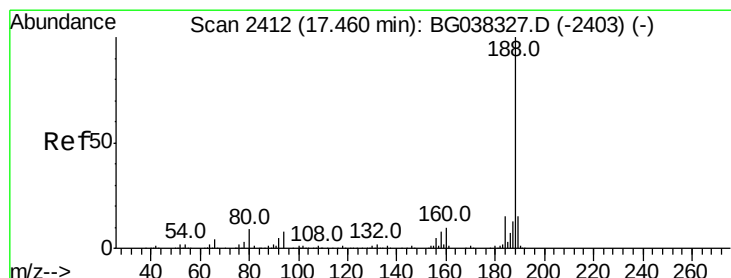
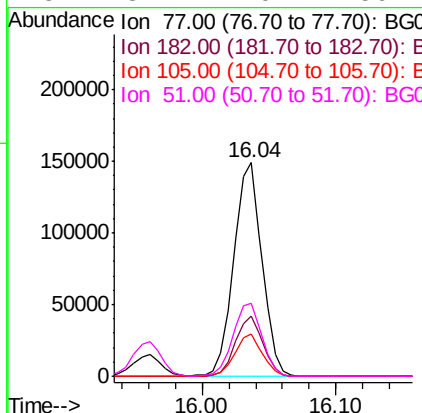
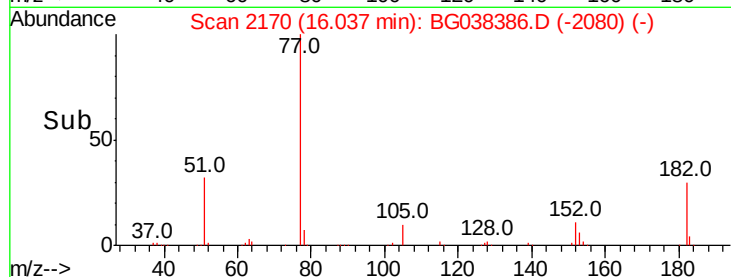
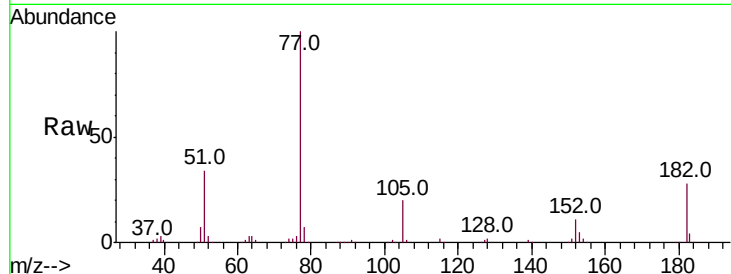
ClientSampleId :

PB115178BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.3	8.0	48.0
105	19.8	1.3	41.3
51	34.1	10.7	50.7

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#64

Phenanthrene-d10

Concen: 20.000 ng

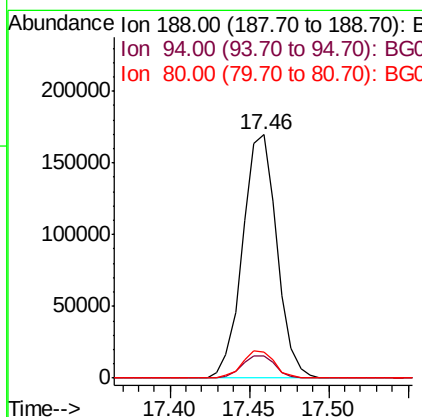
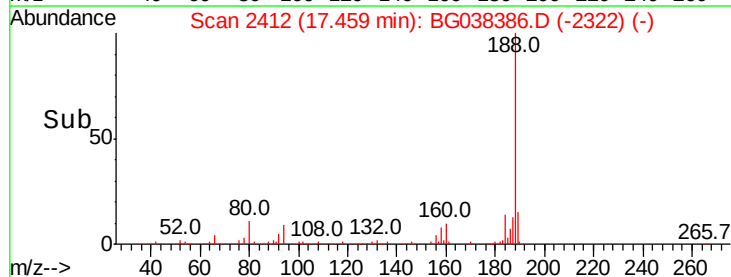
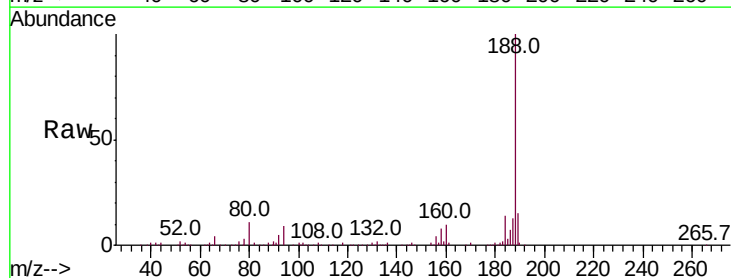
RT: 17.46 min Scan# 2412

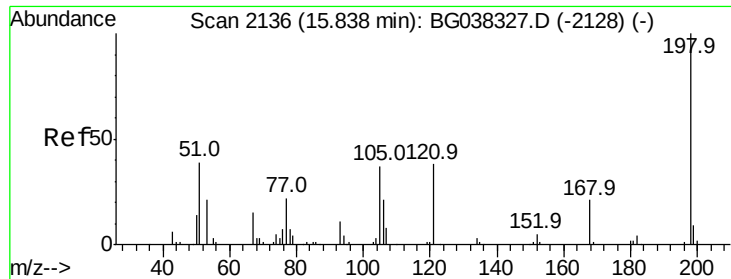
Delta R.T. -0.00 min

Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.7	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 27.097 ng

RT: 15.84 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

Instrument :

BNA_G

ClientSampleId :

PB115178BS

Tot Ion:198 Resp: 45172

Ion Ratio Lower Upper

198 100

51 45.6 22.7 62.7

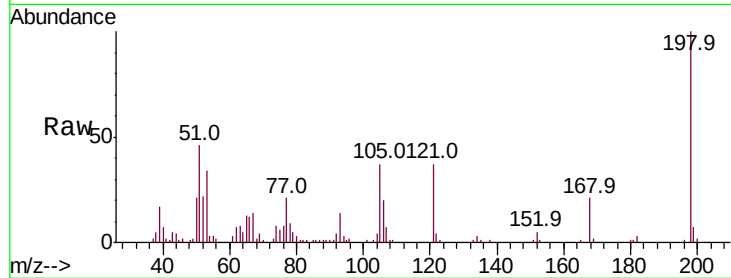
105 36.9 19.7 59.7

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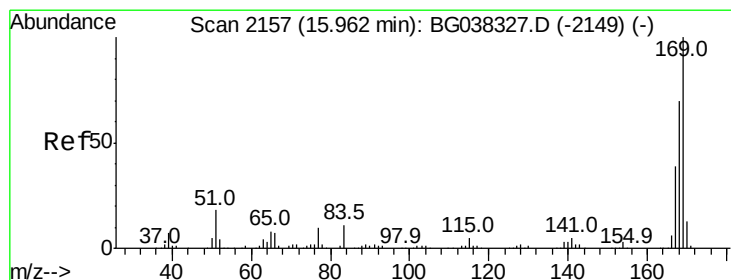
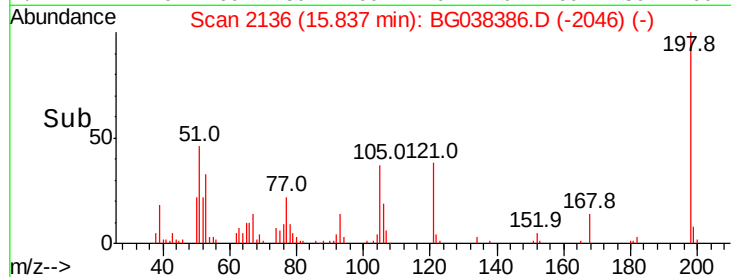
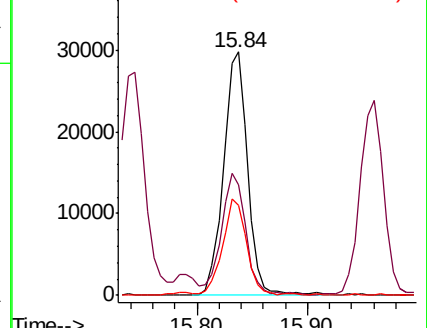
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 28.144 ng

RT: 15.96 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

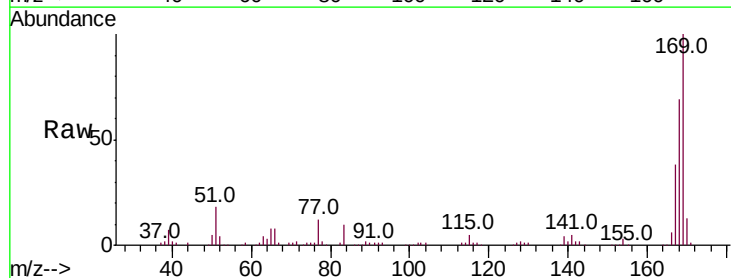
Tgt Ion:169 Resp: 201361

Ion Ratio Lower Upper

169 100

168 68.9 55.7 83.5

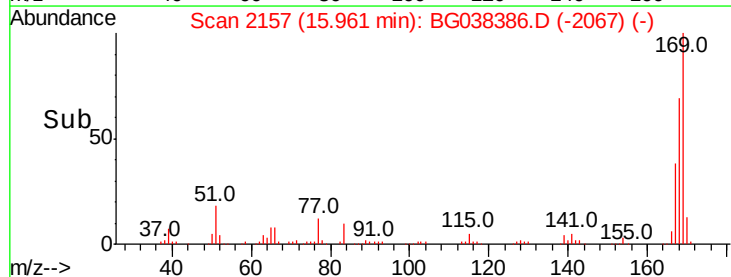
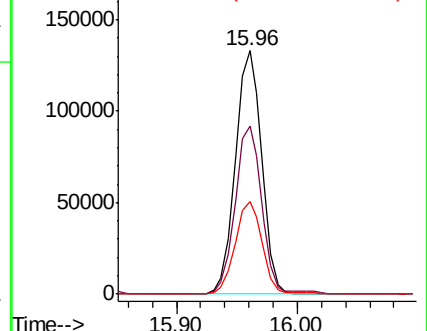
167 38.0 31.3 46.9

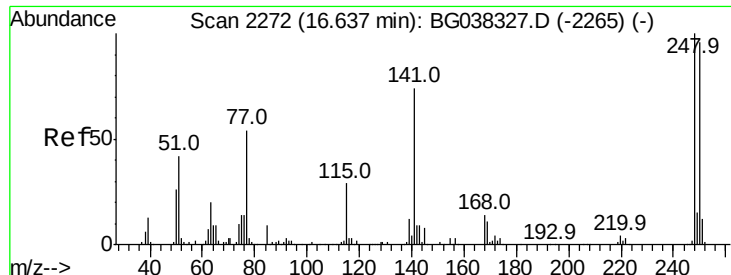


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





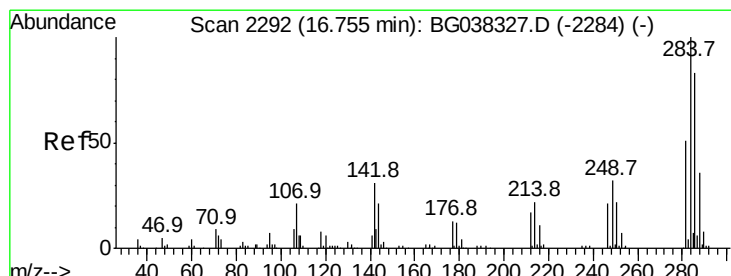
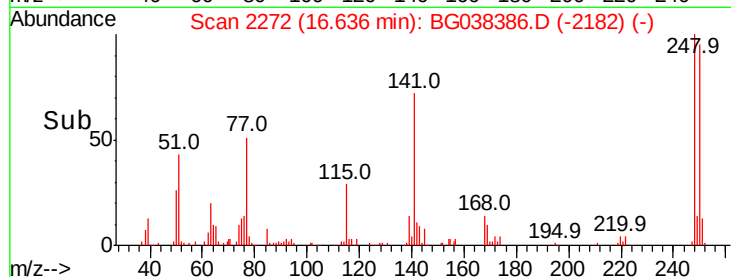
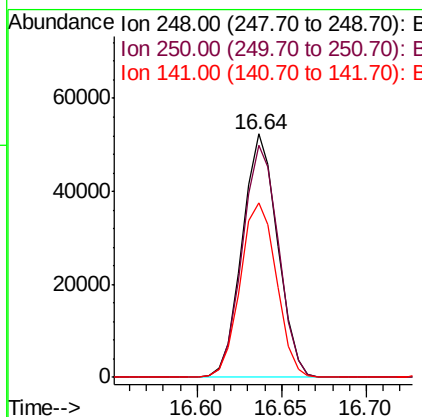
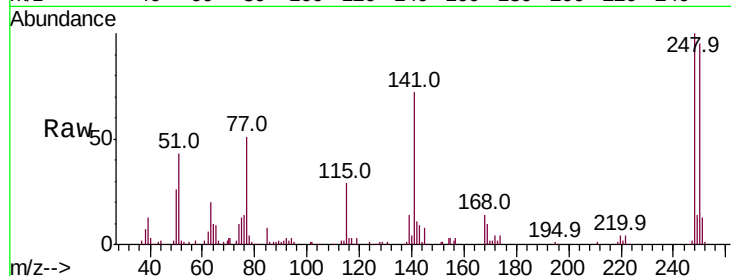
#67
 4-Bromophenyl-phenylether
 Concen: 27.833 ng
 RT: 16.64 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BG038386.D
 Acq: 6 Dec 2018 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion:	248	Resp:	76472
Ion Ratio	Lower	Upper	
248	100		
250	95.3	77.0	115.6
141	71.8	55.5	83.3

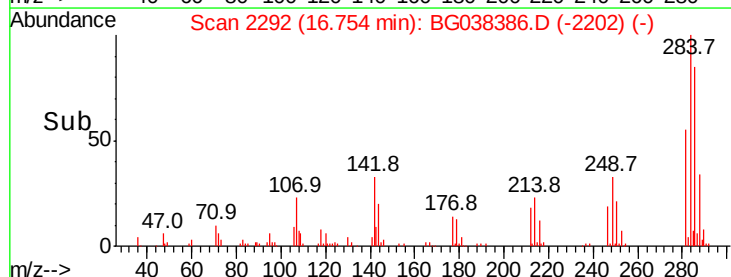
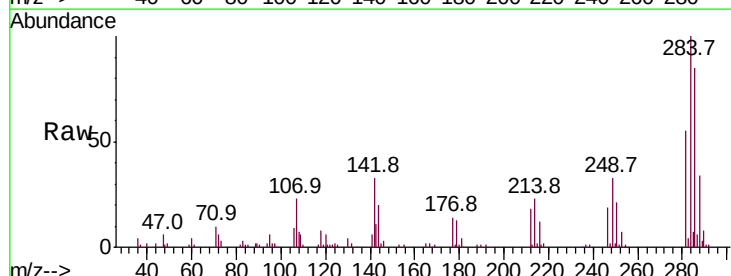
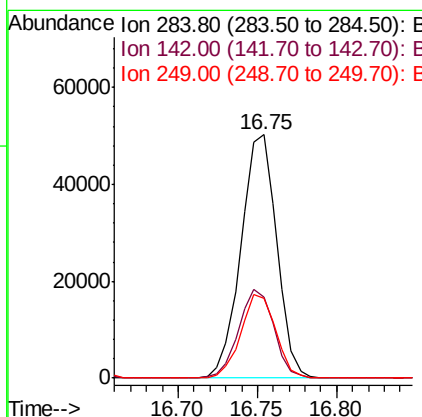
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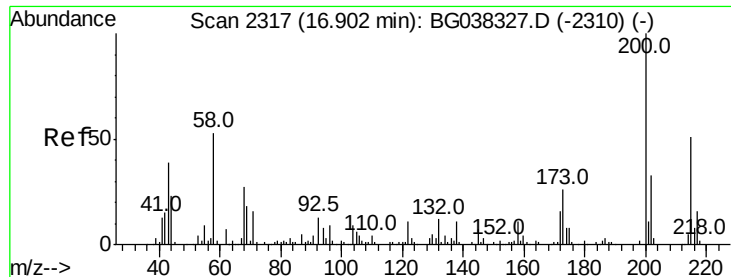
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#68
 Hexachlorobenzene
 Concen: 27.747 ng
 RT: 16.75 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG038386.D
 Acq: 6 Dec 2018 17:14

Tgt Ion:	284	Resp:	78635
Ion Ratio	Lower	Upper	
284	100		
142	33.2	28.1	42.1
249	34.7	29.8	44.8





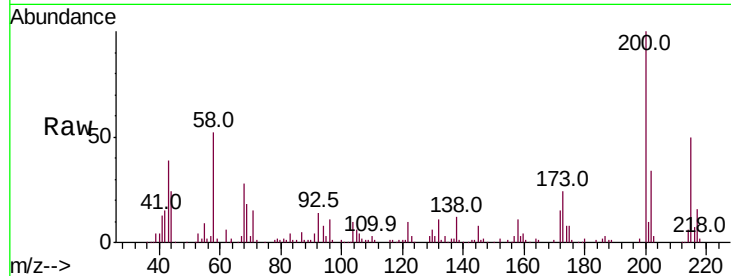
#69
Atrazine
Concen: 30.341 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Instrument :
BNA_G
ClientSampleId :
PB115178BS

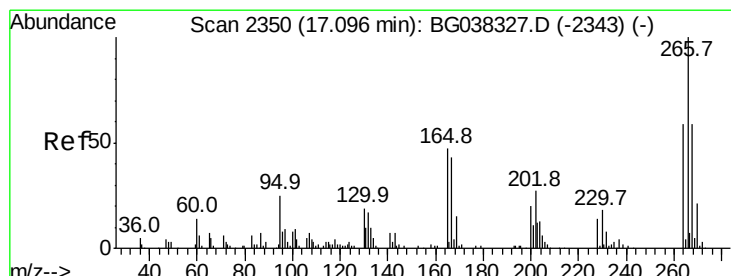
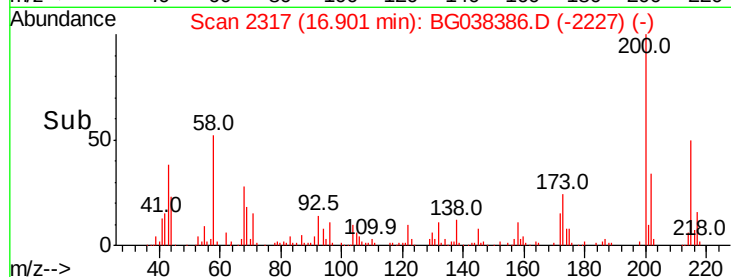
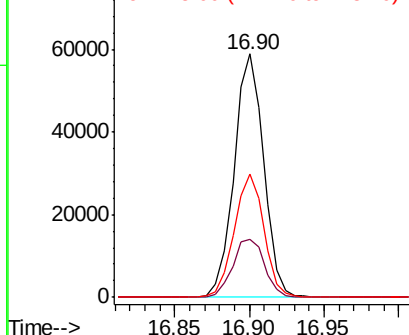
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.1	6.1	46.1
215	50.4	30.8	70.8

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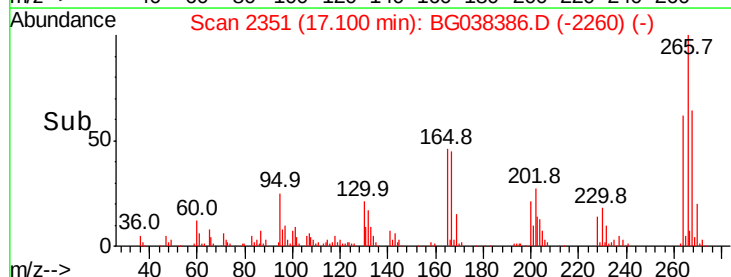
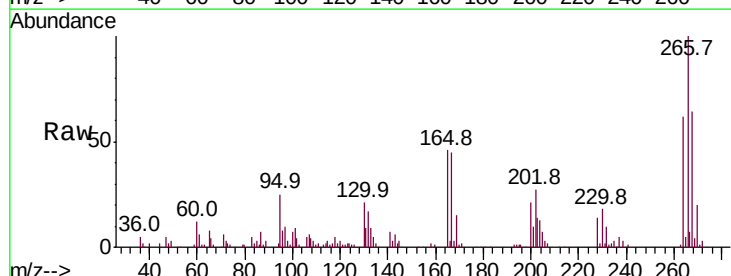
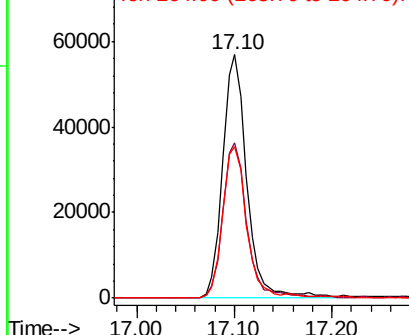
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

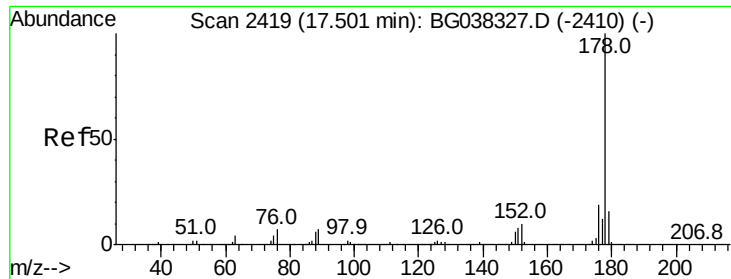


#70
Pentachlorophenol
Concen: 50.391 ng
RT: 17.10 min Scan# 2351
Delta R.T. 0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.2	55.0	82.6
264	62.1	58.9	88.3

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





#71

Phenanthrene

Concen: 34.421 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

Instrument :

BNA_G

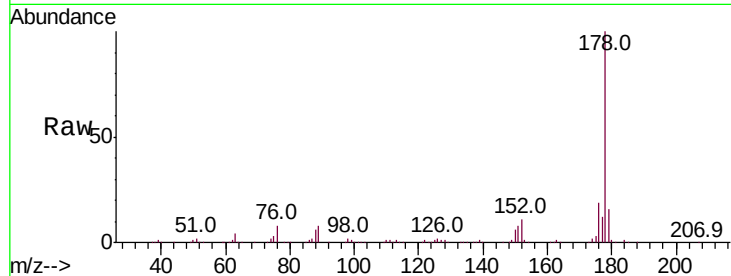
ClientSampleId :

PB115178BS

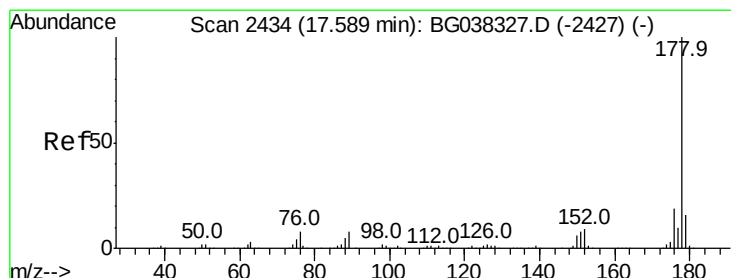
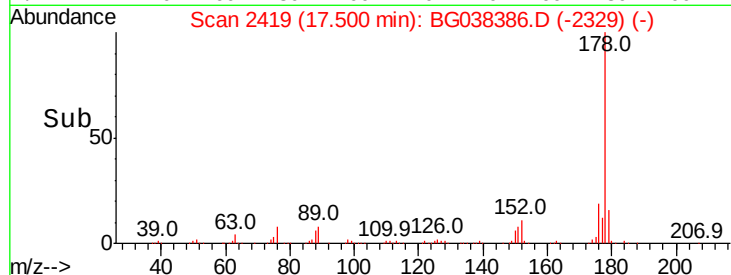
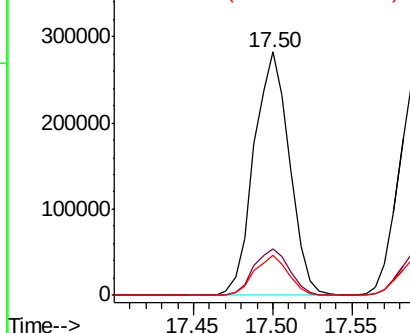
Tot Ion:178	Resp:	438574
Ion Ratio	Lower	Upper
178	100	
176	19.1	16.1 24.1
179	16.4	13.0 19.4

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 33.726 ng

RT: 17.59 min Scan# 2435

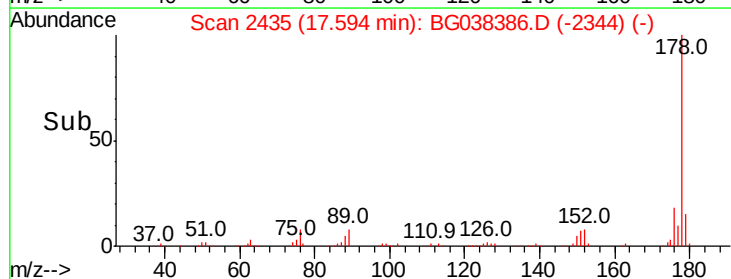
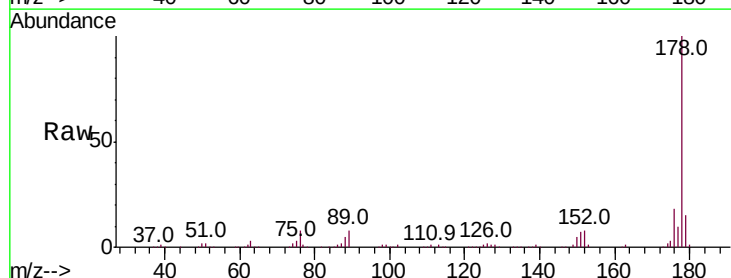
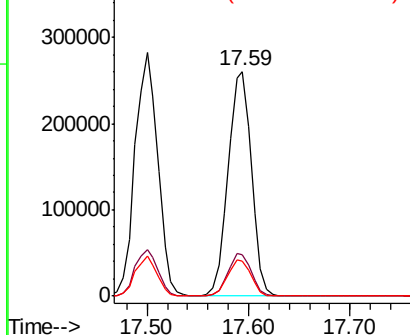
Delta R.T. 0.00 min

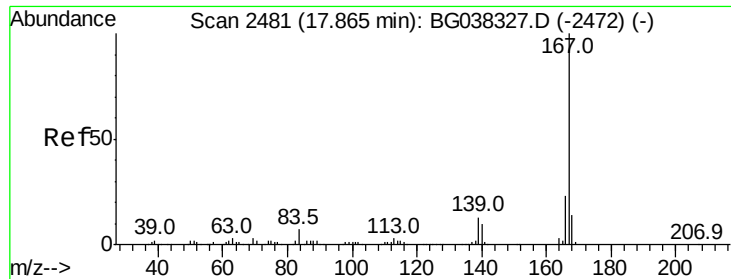
Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

Tgt Ion:178	Resp:	416145
Ion Ratio	Lower	Upper
178	100	
176	18.4	15.0 22.4
179	15.4	12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





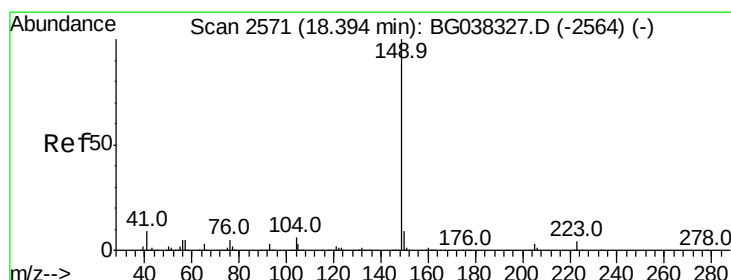
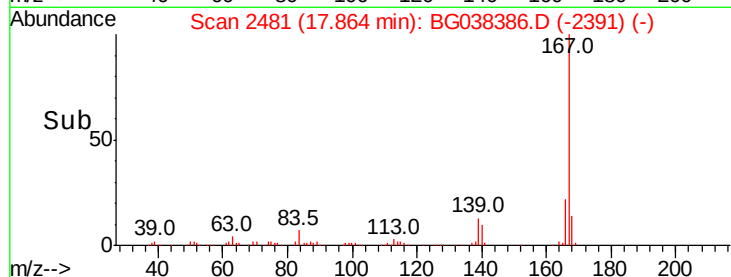
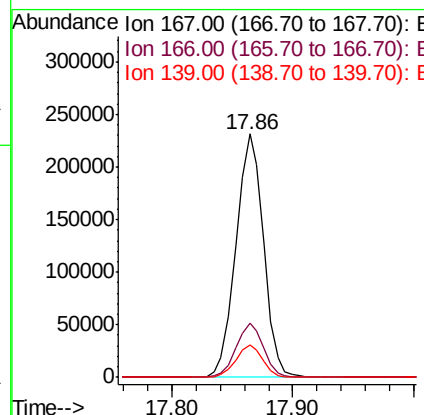
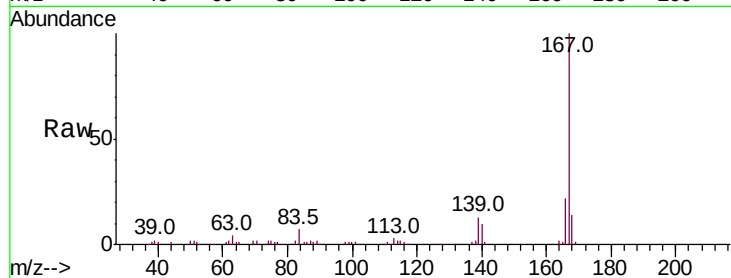
#73
 Carbazole
 Concen: 30.006 ng
 RT: 17.86 min Scan# 2481
 Delta R.T. -0.00 min
 Lab File: BG038386.D
 Acq: 6 Dec 2018 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.3	27.5
139	13.2	10.5	15.7

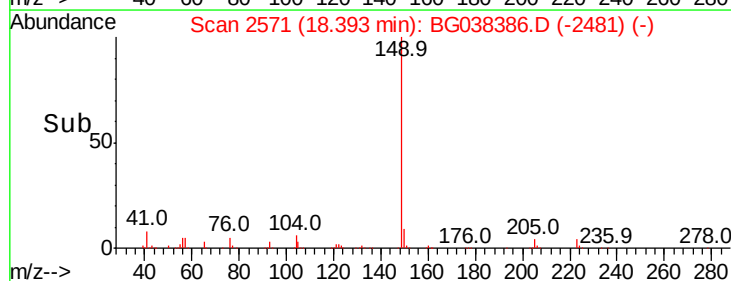
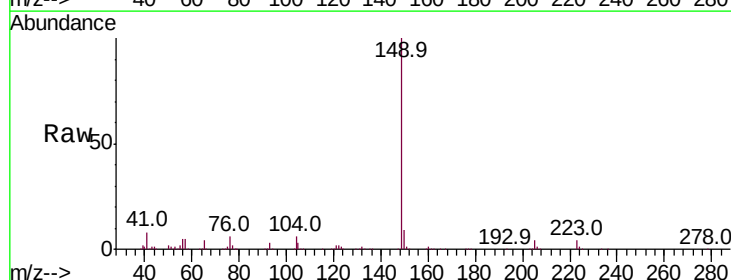
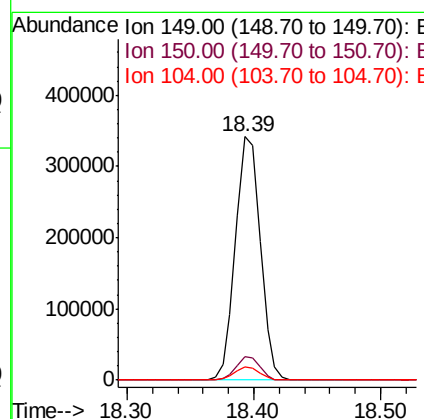
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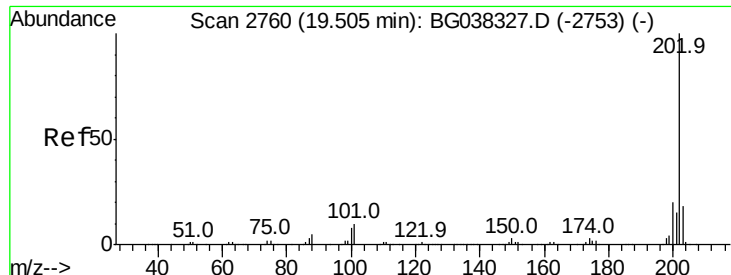
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#74
 Di-n-butylphthalate
 Concen: 32.346 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: BG038386.D
 Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.2	12.2
104	5.6	4.0	6.0





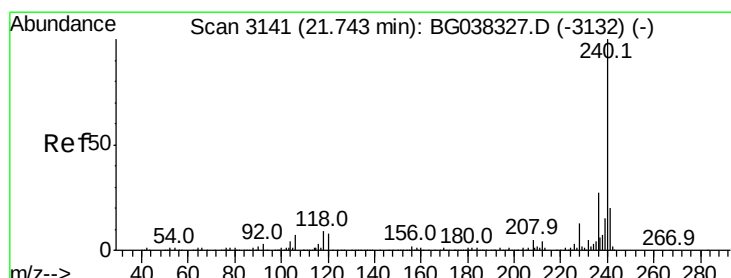
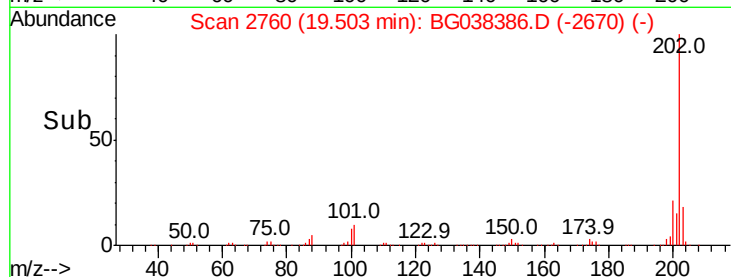
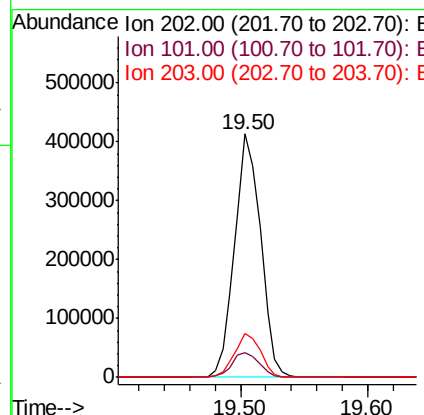
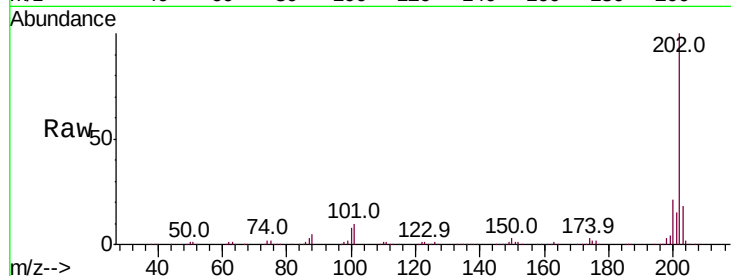
#75
Fluoranthene
 Concen: 39.309 ng
 RT: 19.50 min Scan# 2760
 Delta R.T. -0.00 min
 Lab File: BG038386.D
 Acq: 6 Dec 2018 17:14

Instrument :
 BNA_G
 ClientSampleID :
 PB115178BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.1	0.0	30.7
203	18.1	0.0	38.5

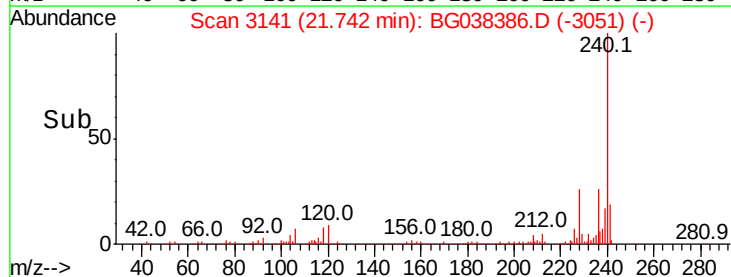
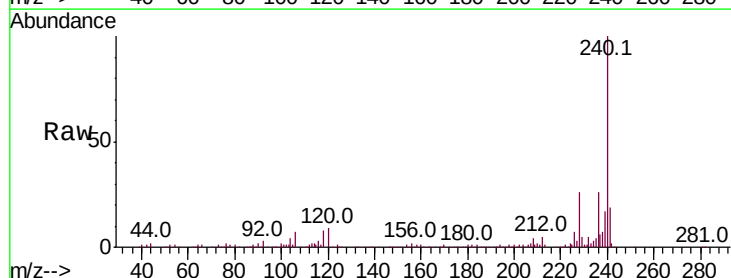
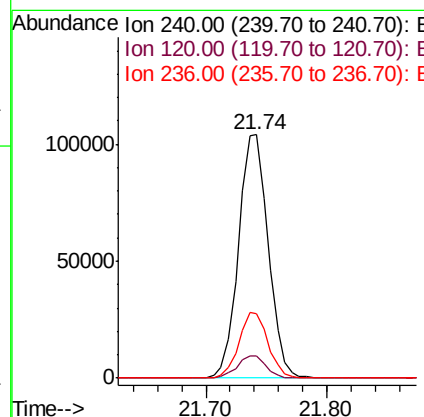
Manual Integrations
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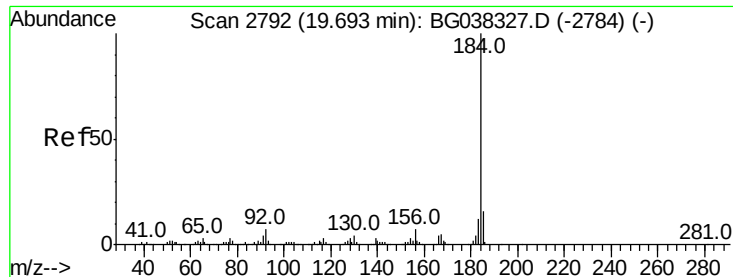
mohammad
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#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG038386.D
 Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.9	8.1	12.1
236	26.4	21.4	32.0





#77

Benzidine

Concen: 19.497 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

Instrument :

BNA_G

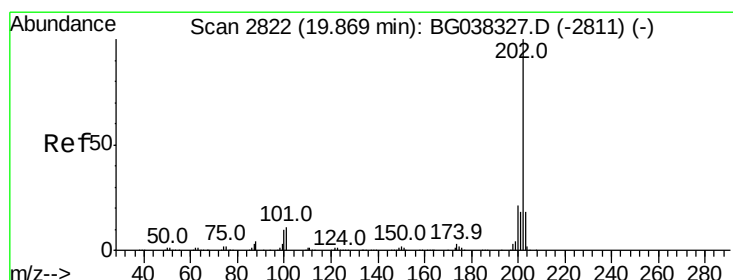
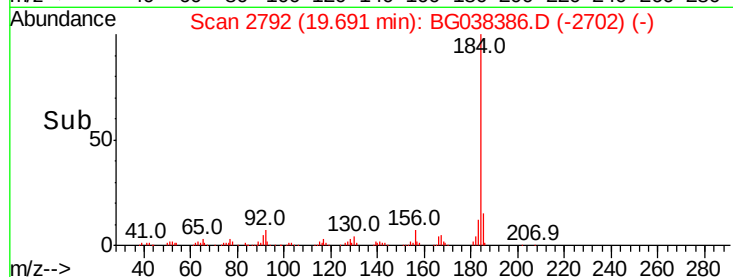
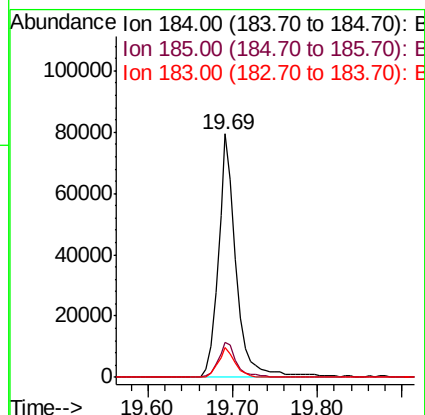
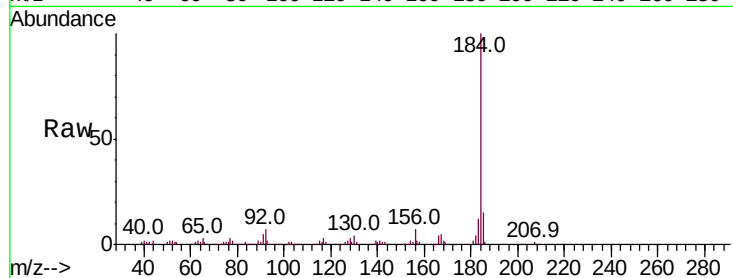
ClientSampleId :

PB115178BS

Tot Ion:	184	Resp:	117501
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.6	18.8
183	12.0	10.2	15.2

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#78

Pyrene

Concen: 47.913 ng

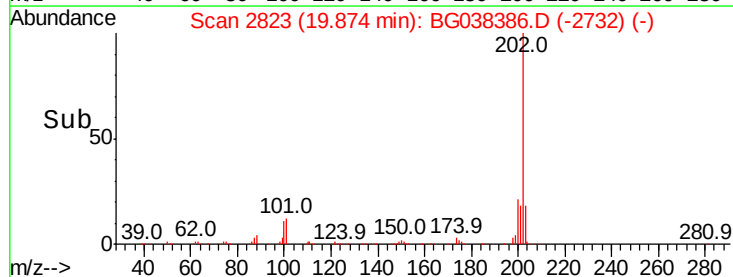
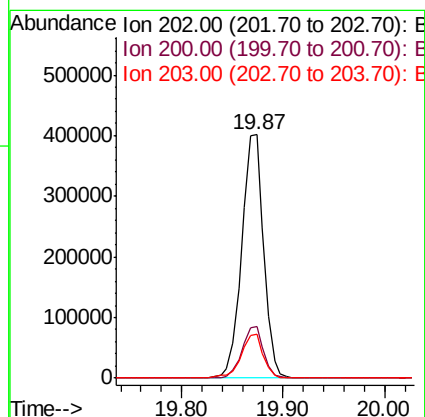
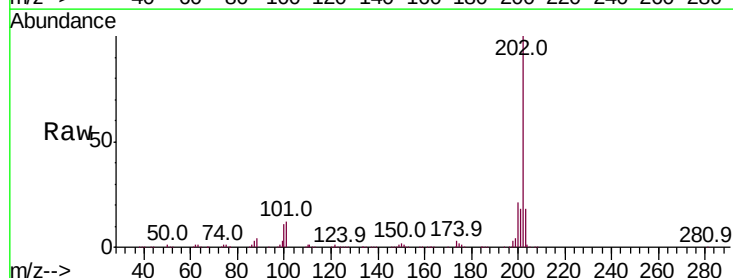
RT: 19.87 min Scan# 2823

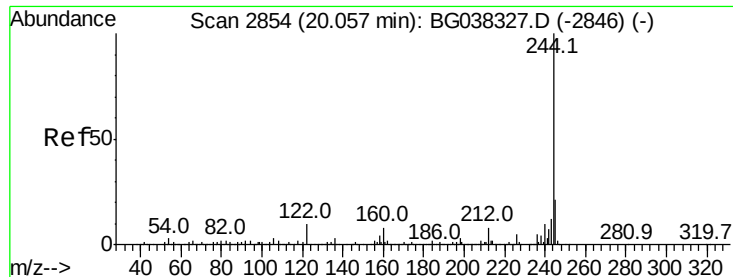
Delta R.T. 0.00 min

Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

Tgt Ion:	202	Resp:	598718
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.8	26.6
203	18.0	15.2	22.8





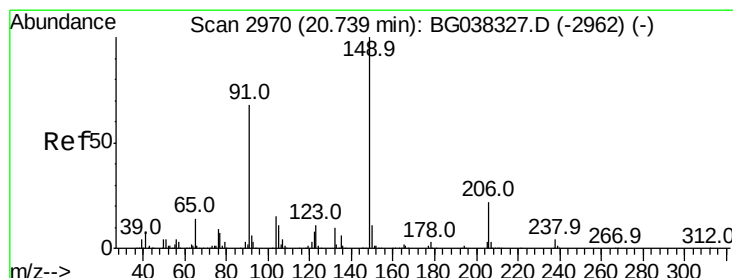
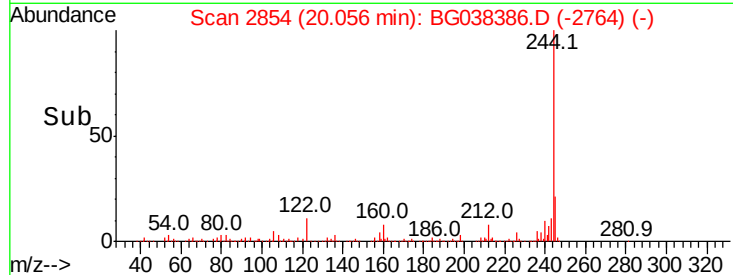
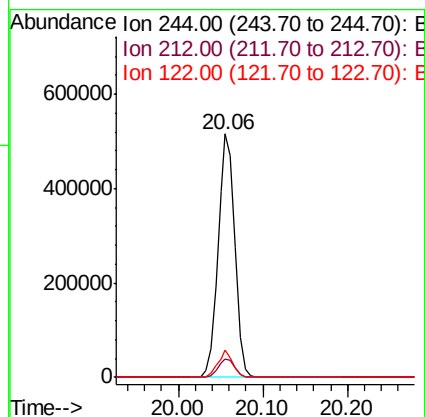
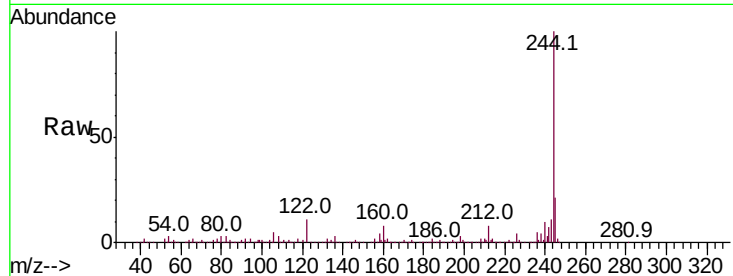
#79
Terphenyl-d14
Concen: 86.197 ng
RT: 20.06 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	11.0	9.0	13.4

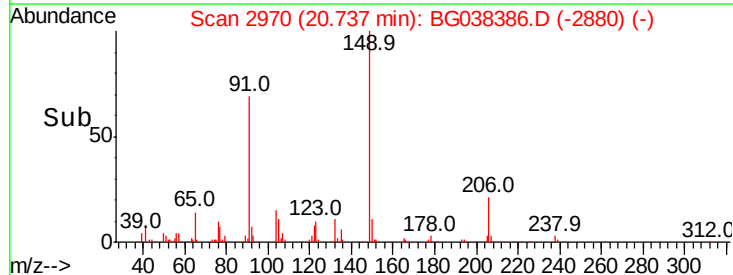
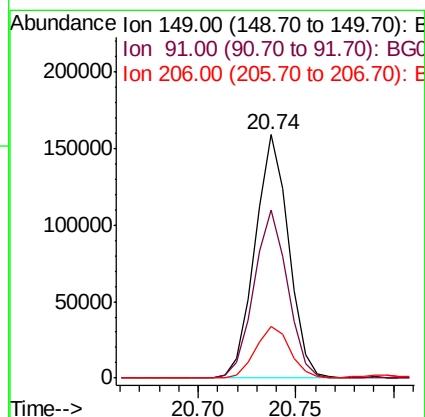
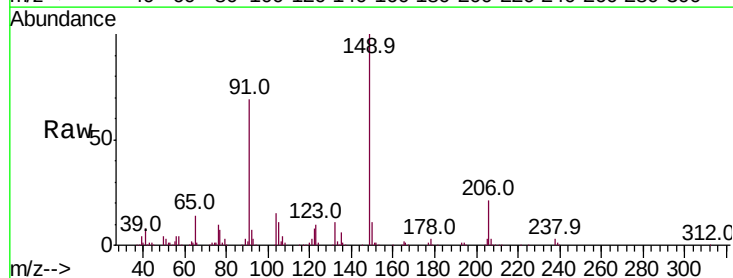
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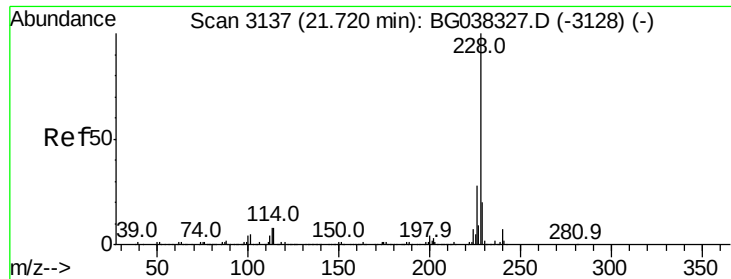
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#80
Butylbenzylphthalate
Concen: 37.807 ng
RT: 20.74 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.9	57.0	85.4
206	21.4	17.8	26.6





#81

Benzo(a)anthracene

Concen: 40.069 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

Instrument :

BNA_G

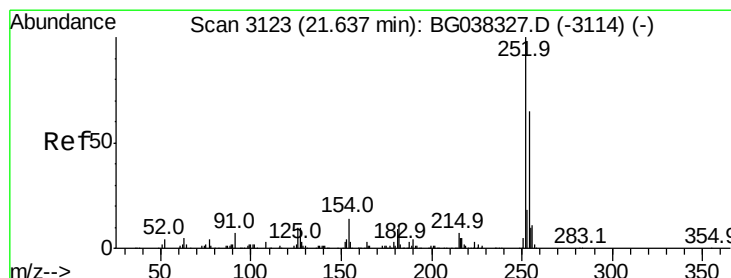
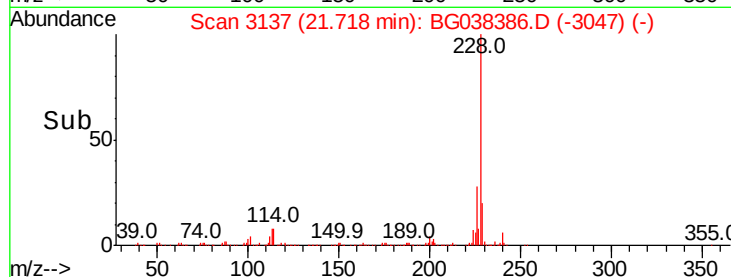
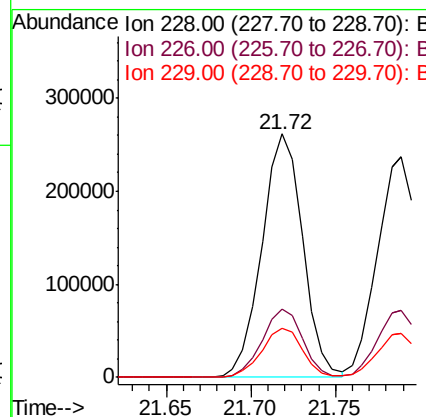
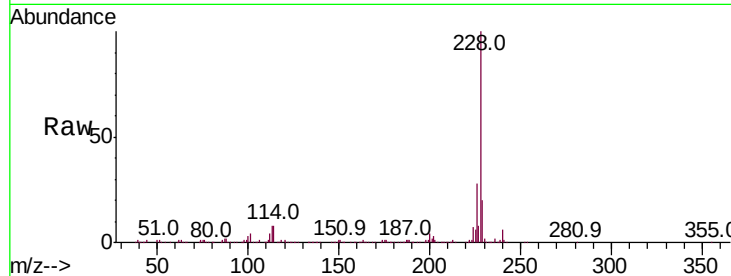
ClientSampleId :

PB115178BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.2	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 14.852 ng

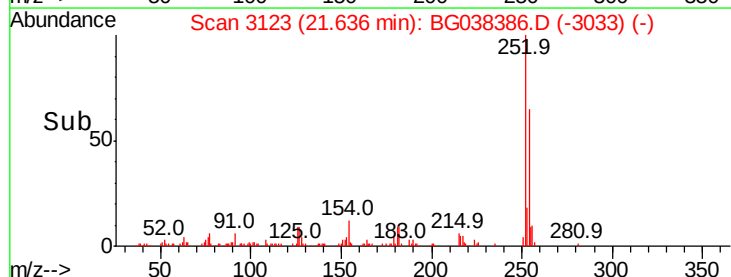
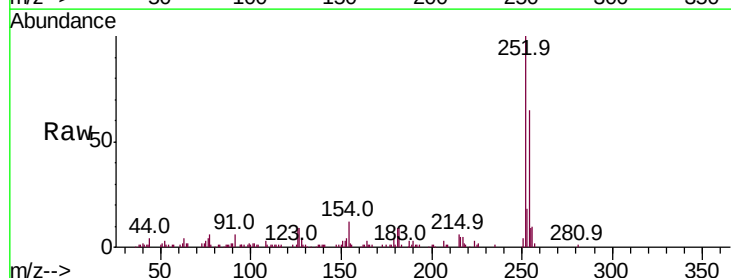
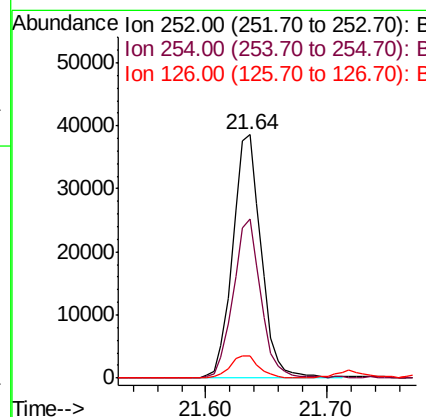
RT: 21.64 min Scan# 3123

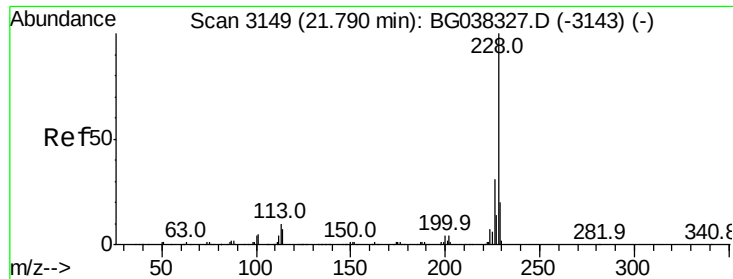
Delta R.T. -0.00 min

Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.0	78.0
126	9.1	8.2	12.4





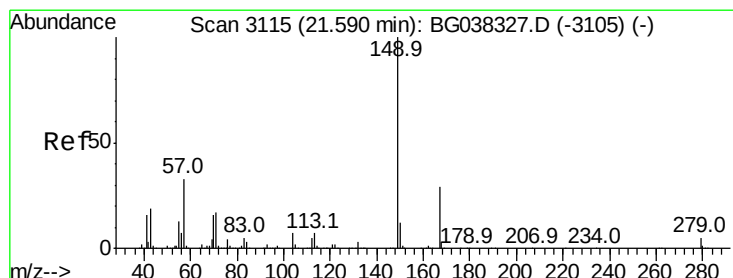
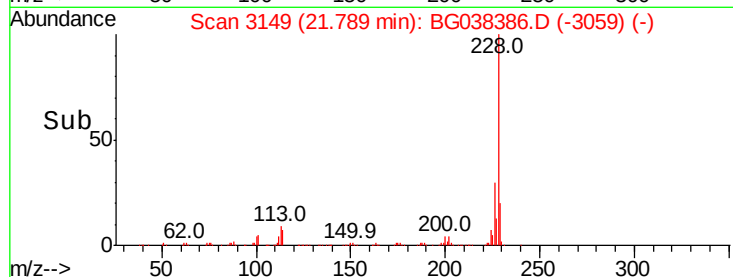
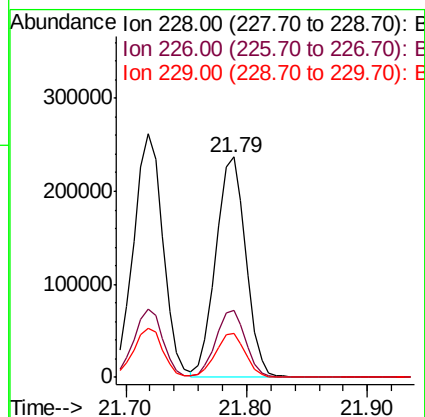
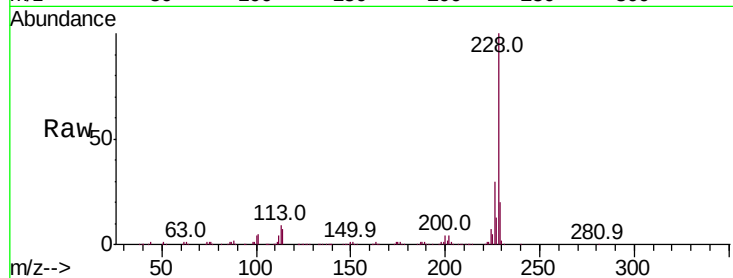
#83
 Chrysene
 Concen: 39.091 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG038386.D
 Acq: 6 Dec 2018 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion:	228	Resp:	406045
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.7	38.5
229	20.2	16.5	24.7

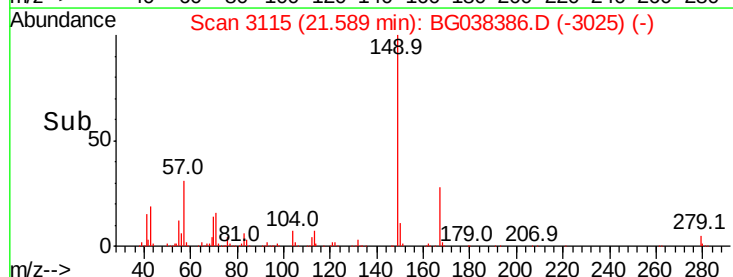
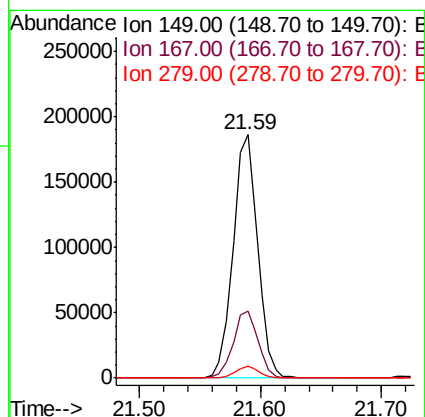
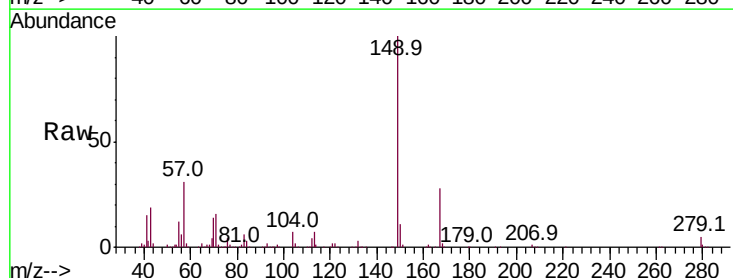
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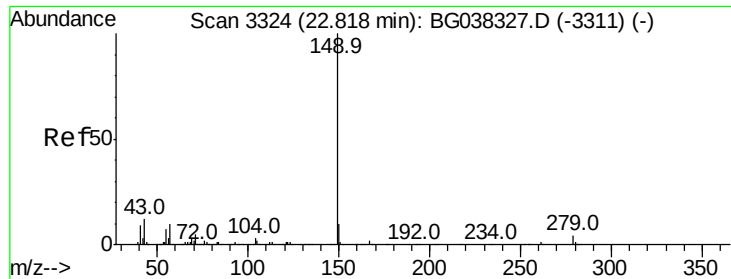
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.086 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.00 min
 Lab File: BG038386.D
 Acq: 6 Dec 2018 17:14

Tgt Ion:	149	Resp:	264187
Ion Ratio	Lower	Upper	
149	100		
167	27.8	23.0	34.4
279	4.7	3.6	5.4





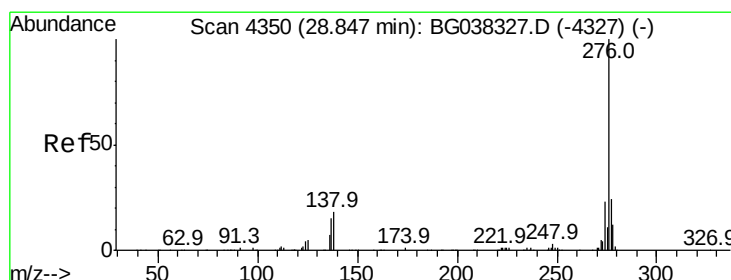
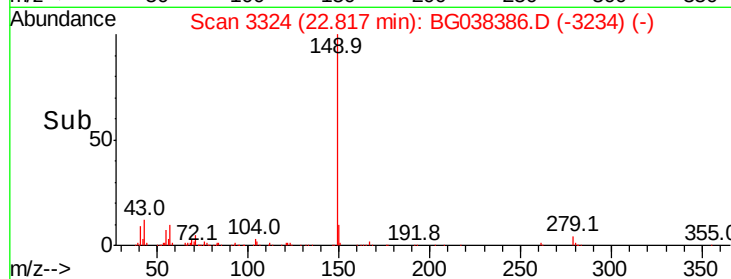
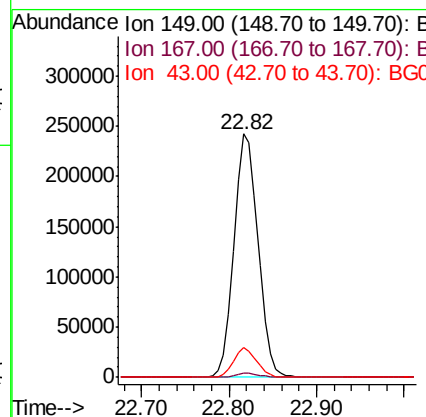
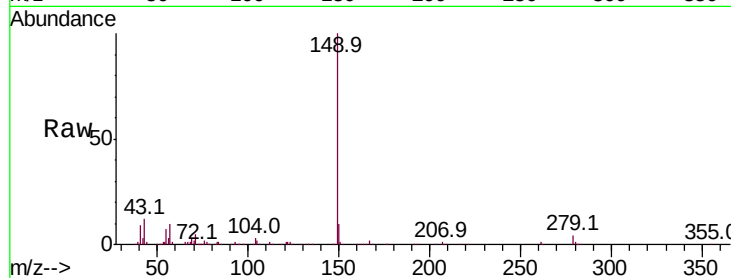
#85
Di-n-octyl phthalate
Concen: 36.987 ng
RT: 22.82 min Scan# 3324
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.7	8.7	13.1

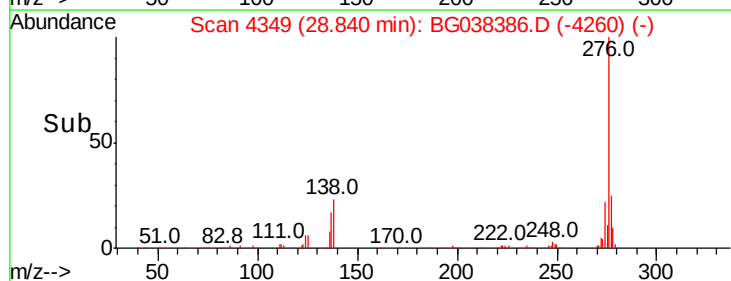
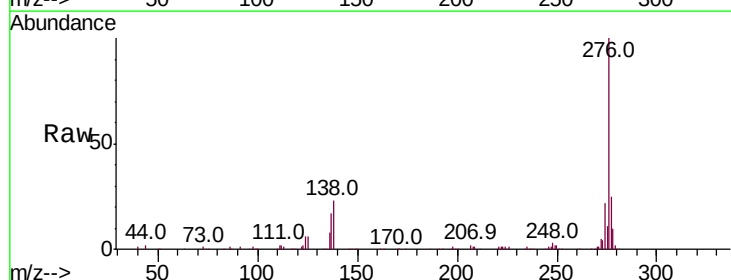
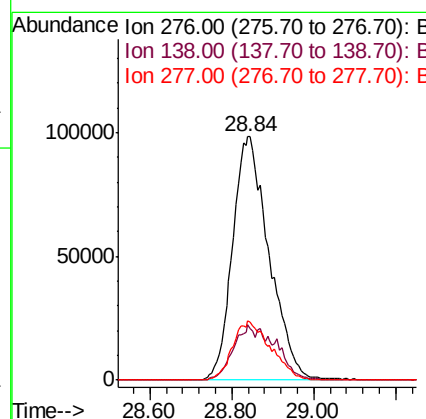
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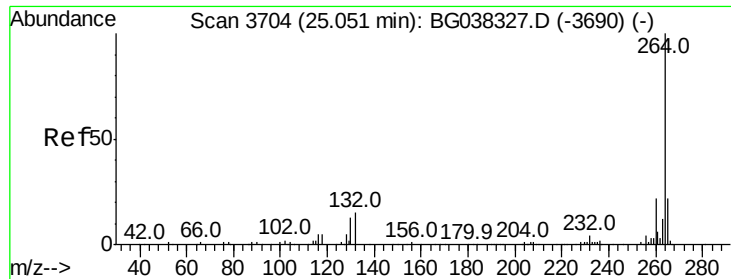
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.477 ng
RT: 28.84 min Scan# 4349
Delta R.T. -0.01 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.2	12.0	18.0
277	25.3	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

Instrument :

BNA_G

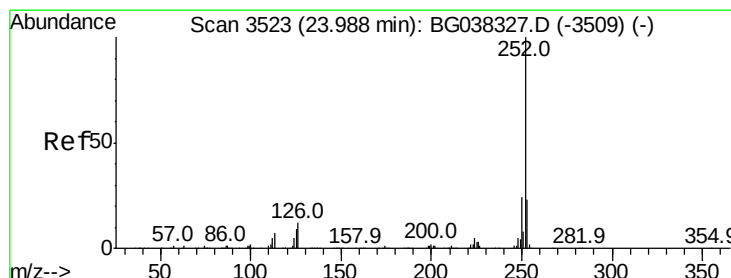
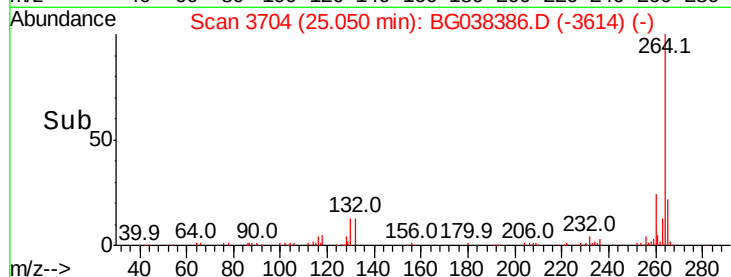
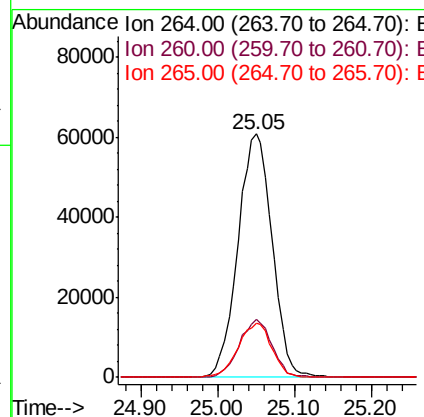
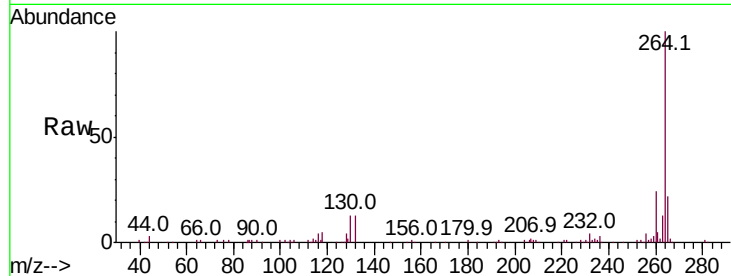
ClientSampleId :

PB115178BS

Tot Ion:	264	Resp:	188556
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.2	27.4
265	22.1	17.9	26.9

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#88

Benzo(b)fluoranthene

Concen: 41.427 ng

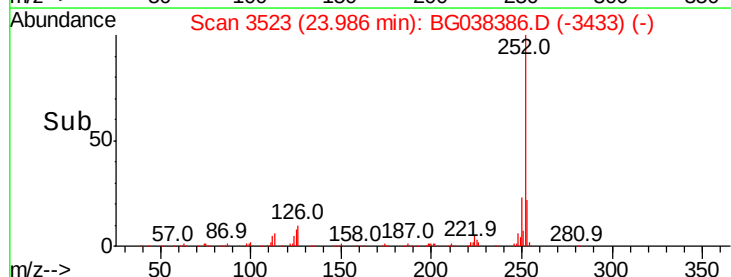
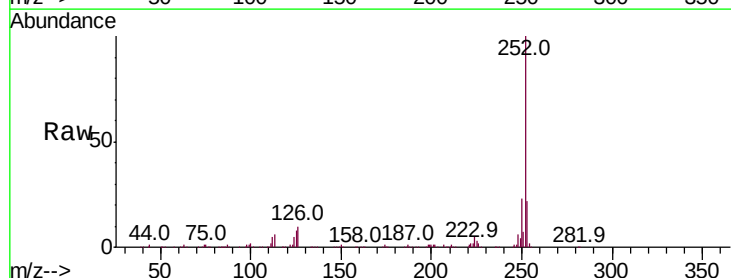
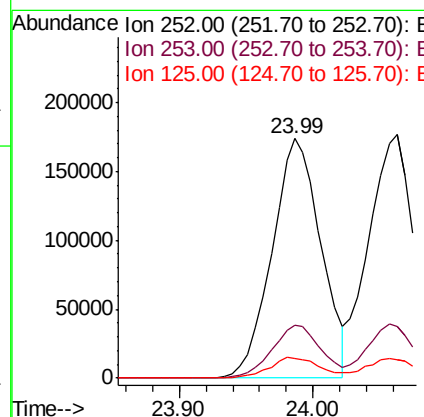
RT: 23.99 min Scan# 3523

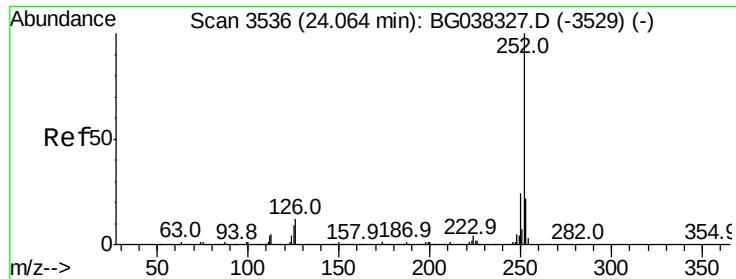
Delta R.T. -0.00 min

Lab File: BG038386.D

Acq: 6 Dec 2018 17:14

Tgt Ion:	252	Resp:	441369
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.2	27.2
125	8.4	7.8	11.6





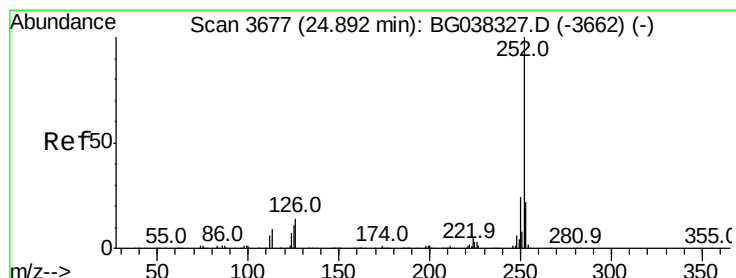
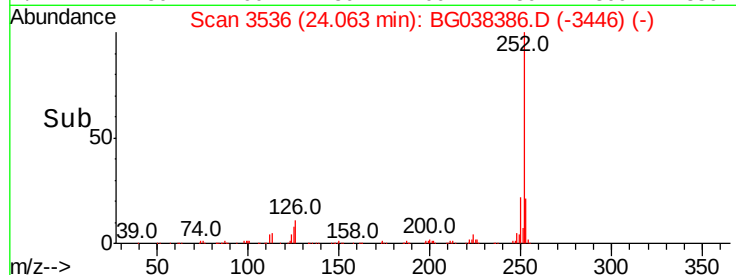
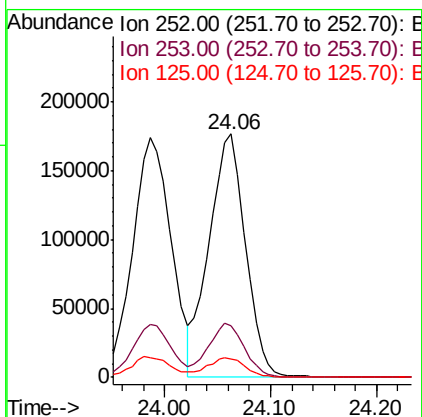
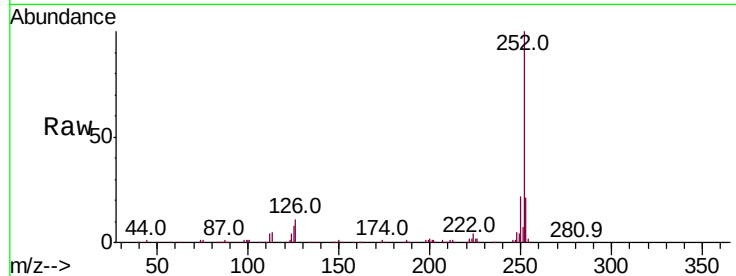
#89
Benzo(k)fluoranthene
Concen: 39.870 ng
RT: 24.06 min Scan# 3536
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.2
125	7.6	7.4	11.0

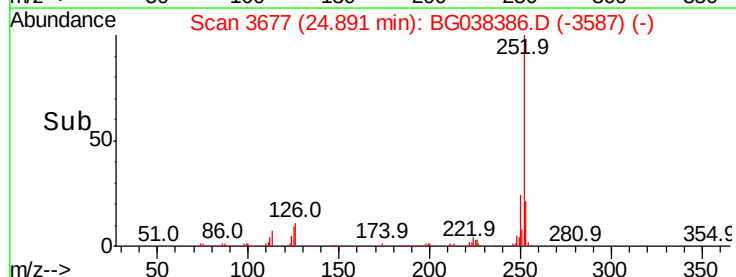
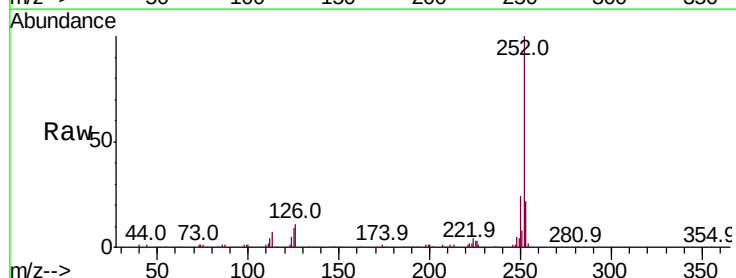
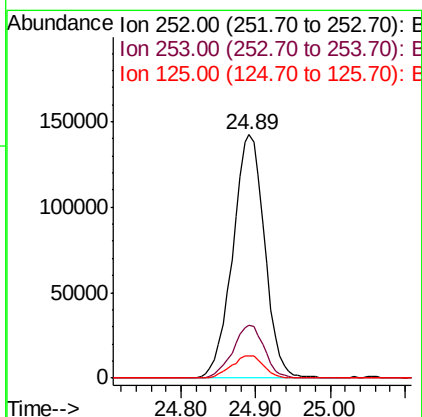
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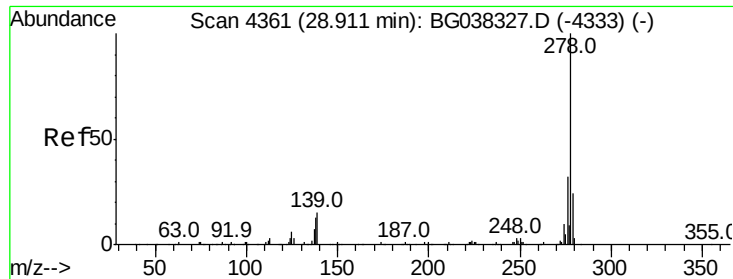
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#90
Benzo(a)pyrene
Concen: 40.719 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.00 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	9.1	9.0	13.6





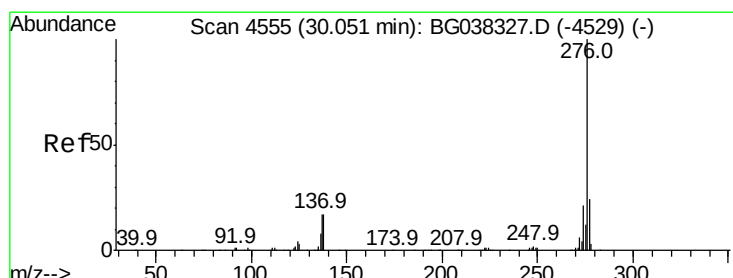
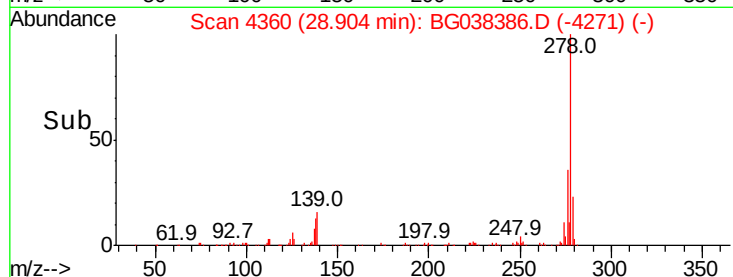
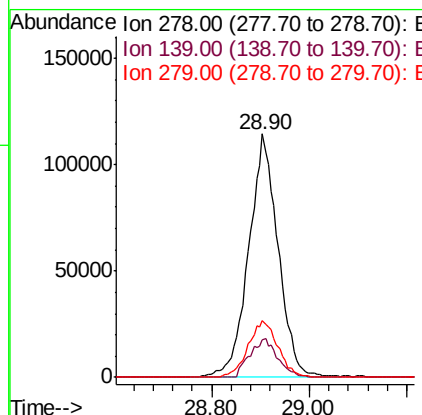
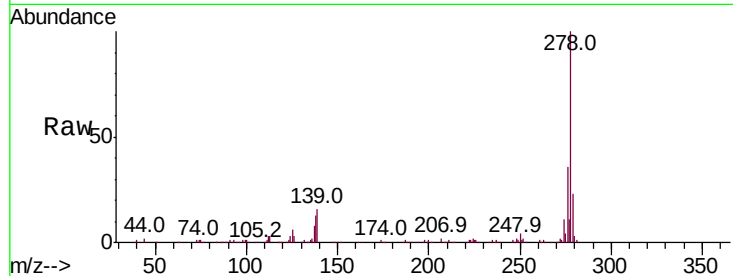
#91
Dibenzo(a,h)anthracene
Concen: 48.964 ng
RT: 28.90 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion:278	Resp:	479922
Ion Ratio	Lower	Upper
278 100		
139 15.6	11.5	17.3
279 23.1	18.6	27.8

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#92
Benzo(g,h,i)perylene
Concen: 42.508 ng
RT: 30.04 min Scan# 4554
Delta R.T. -0.01 min
Lab File: BG038386.D
Acq: 6 Dec 2018 17:14

Tgt Ion:276	Resp:	413366
Ion Ratio	Lower	Upper
276 100		
277 23.8	18.9	28.3
138 17.3	17.2	25.8

