

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038352.D
 Acq On : 5 Dec 2018 9:44
 Operator : JU/SJ
 Sample : PB115253BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Manual Integrations
 APPROVED

mohammad
 12/6/2018 10:33:23 AM

Quant Time: Dec 05 10:53:34 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	48359	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	204179	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	84452	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	207164	20.00	ng	0.00
76) Chrysene-d12	21.74	240	195577	20.00	ng	0.00
87) Perylene-d12	25.05	264	212262	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	214002	78.31	ng	0.00
7) Phenol-d6	7.22	99	250442	63.41	ng	0.00
23) Nitrobenzene-d5	9.25	82	159527	38.79	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	105043	101.32	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	368535	62.18	ng	0.00
79) Terphenyl-d14	20.05	244	635700	69.63	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.50	88	19516	15.582	ng	# 87
3) Pyridine	3.90	79	90014	24.023	ng	99
4) n-Nitrosodimethylamine	3.83	42	46258	28.184	ng	94
6) Aniline	7.40	93	44634	8.848	ng	97
8) 2-Chlorophenol	7.63	128	74912	23.604	ng	98
9) Benzaldehyde	7.22	77	37565	15.020	ng	97
10) Phenol	7.25	94	96329	23.083	ng	89
11) bis(2-Chloroethyl)ether	7.49	93	66241	19.382	ng	99
12) 1,3-Dichlorobenzene	7.96	146	78555	21.178	ng	93
13) 1,4-Dichlorobenzene	8.10	146	120798	31.475	ng	97
14) 1,2-Dichlorobenzene	8.43	146	77801	17.449	ng	98
15) Benzyl Alcohol	8.31	79	93841	28.899	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	153269	19.716	ng	98
17) 2-Methylphenol	8.51	107	64989	19.186	ng	96
18) Hexachloroethane	9.15	117	26813	19.357	ng	92
19) n-Nitroso-di-n-propylamine	8.87	70	58239	19.073	ng	92
20) 3+4-Methylphenols	8.83	107	91731	21.819	ng	96
22) Acetophenone	8.90	105	107374	20.520	ng	# 94
24) Nitrobenzene	9.29	77	86839	20.783	ng	95
25) Isophorone	9.80	82	163214	22.583	ng	# 98
26) 2-Nitrophenol	10.00	139	41513	21.443	ng	95
27) 2,4-Dimethylphenol	10.04	122	77344	27.814	ng	99
28) bis(2-Chloroethoxy)methane	10.29	93	97714	23.584	ng	95
29) 2,4-Dichlorophenol	10.53	162	95883	30.207	ng	95
30) 1,2,4-Trichlorobenzene	10.75	180	110332	29.610	ng	96
31) Naphthalene	10.94	128	359683	36.879	ng	98
32) Benzoic acid	10.18	122	36502	21.415	ng	92
33) 4-Chloroaniline	11.06	127	37359	8.653	ng	# 93
34) Hexachlorobutadiene	11.21	225	70369	30.187	ng	97
35) Caprolactam	11.83	113	41442m	31.571	ng	
36) 4-Chloro-3-methylphenol	12.16	107	136213	38.622	ng	100
37) 2-Methylnaphthalene	12.54	142	192539	27.721	ng	98
38) 1-Methylnaphthalene	12.76	142	164395	24.712	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	92705	31.901	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	129892	81.337	nq	100
43) 2,4,6-Trichlorophenol	13.14	196	66497	35.324	nq	99
44) 2,4,5-Trichlorophenol	13.21	196	73618	36.915	nq	94
46) 1,1'-Biphenyl	13.54	154	225734	31.622	nq	99
47) 2-Chloronaphthalene	13.59	162	179153	33.258	nq	99
48) 2-Nitroaniline	13.80	65	63626	35.207	nq	95
49) Acenaphthylene	14.43	152	299628	36.932	nq	100
50) Dimethylphthalate	14.16	163	246135	36.336	nq	99
51) 2,6-Dinitrotoluene	14.29	165	54769	35.396	nq	95
52) Acenaphthene	14.77	154	170024	34.377	nq	98
53) 3-Nitroaniline	14.63	138	17865	10.720	nq	# 94
54) 2,4-Dinitrophenol	14.83	184	61692	72.732	nq	# 88
55) Dibenzofuran	15.11	168	285393	34.904	nq	97
56) 4-Nitrophenol	14.92	139	93241	70.830	nq	87
57) 2,4-Dinitrotoluene	15.08	165	78942	36.990	nq	97
58) Fluorene	15.75	166	232871	38.657	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	66266	38.259	nq	97
60) Diethylphthalate	15.51	149	261327	34.823	nq	97
61) 4-Chlorophenyl-phenylether	15.74	204	124467	34.399	nq	100
62) 4-Nitroaniline	15.79	138	57332	34.979	nq	91
63) Azobenzene	16.04	77	233027	35.480	nq	96
65) 4,6-Dinitro-2-methylphenol	15.84	198	44574	32.839	nq	97
66) n-Nitrosodiphenylamine	15.96	169	215285	36.955	nq	98
67) 4-Bromophenyl-phenylether	16.63	248	81522	36.440	nq	98
68) Hexachlorobenzene	16.75	284	83514	36.192	nq	99
69) Atrazine	16.90	200	84637	38.936	nq	99
70) Pentachlorophenol	17.10	266	97181	61.487	nq	97
71) Phenanthrene	17.50	178	400273	38.582	nq	99
72) Anthracene	17.59	178	408179	40.628	nq	100
73) Carbazole	17.86	167	373289	37.435	nq	99
74) Di-n-butylphthalate	18.40	149	446841	38.358	nq	99
75) Fluoranthene	19.51	202	492989	40.672	nq	97
77) Benzidine	19.69	184	83537	12.658	nq	99
78) Pyrene	19.87	202	493121	36.036	nq	97
80) Butylbenzylphthalate	20.74	149	202342	36.764	nq	98
81) Benzo(a)anthracene	21.72	228	462493	38.476	nq	98
82) 3,3'-Dichlorobenzidine	21.63	252	62655	13.399	nq	98
83) Chrysene	21.79	228	428936	37.709	nq	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	281390	36.071	nq	98
85) Di-n-octyl phthalate	22.82	149	475739	35.566	nq	98
86) Indeno(1,2,3-cd)pyrene	28.84	276	516828	39.979	nq	# 93
88) Benzo(b)fluoranthene	23.98	252	449666	37.492	nq	99
89) Benzo(k)fluoranthene	24.06	252	439869	36.824	nq	99
90) Benzo(a)pyrene	24.89	252	441207	37.925	nq	# 95
91) Dibenzo(a,h)anthracene	28.91	278	430038	38.975	nq	96
92) Benzo(g,h,i)perylene	30.03	276	434230	39.666	nq	96

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

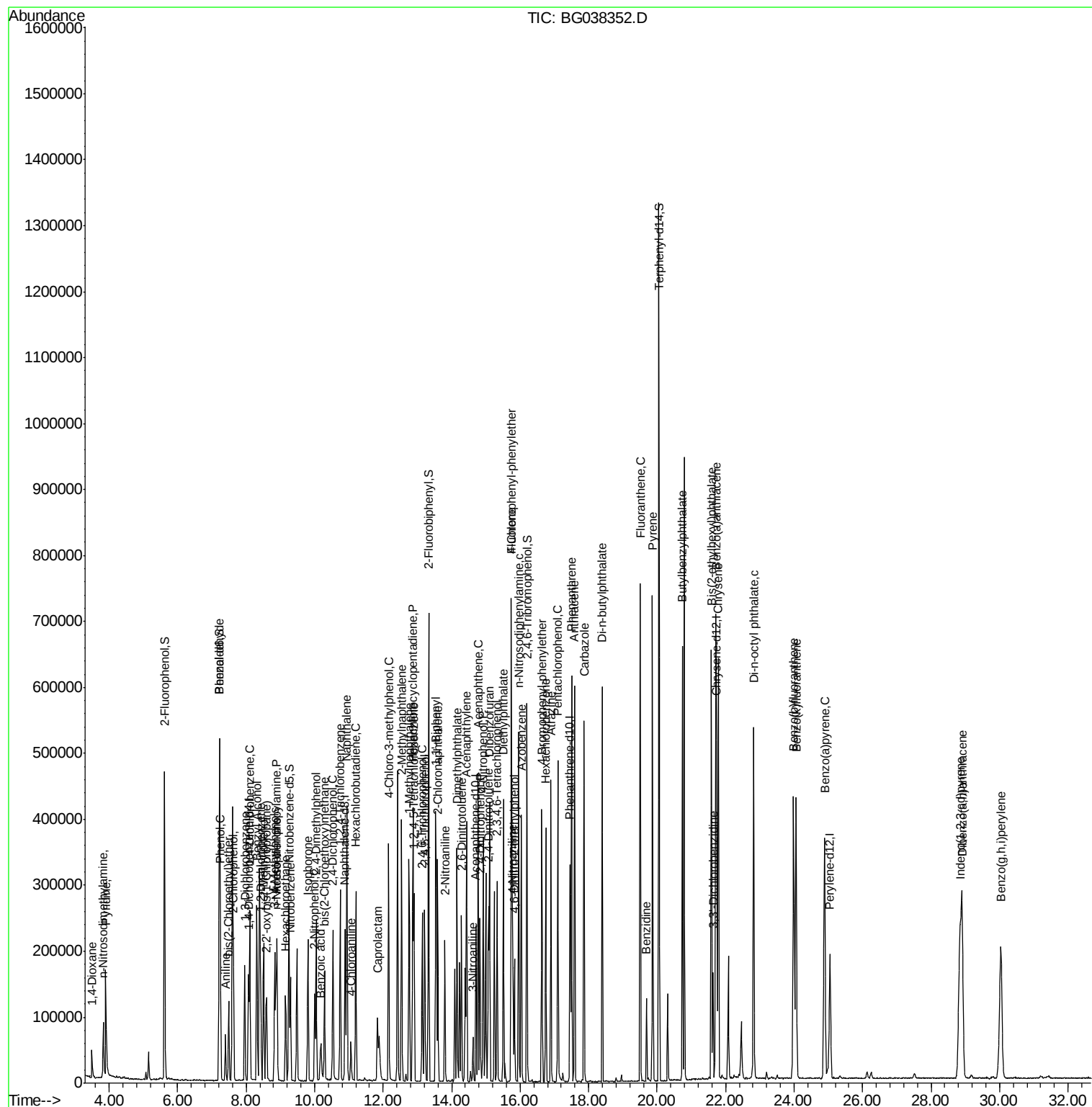
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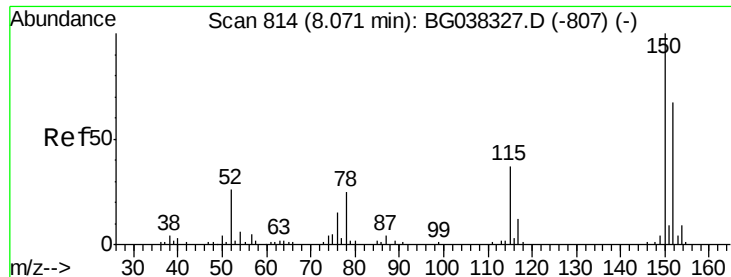
Instrument :
BNA_G
ClientSampleID :
PB115253BS

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#1

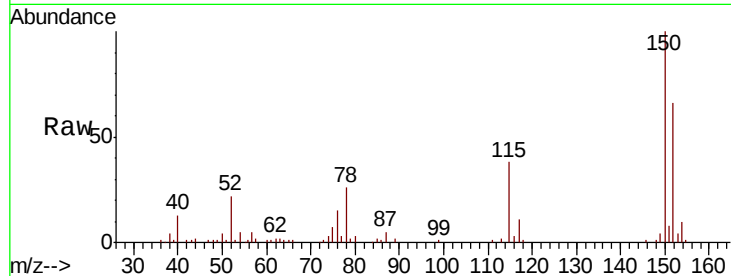
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Instrument :
BNA_G
ClientSampled :
PB115253BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	126.0	189.0
115	57.9	45.5	68.3

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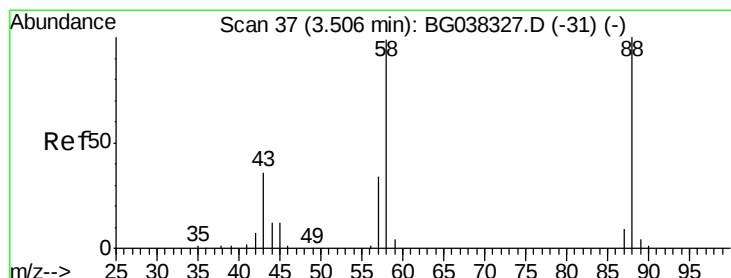
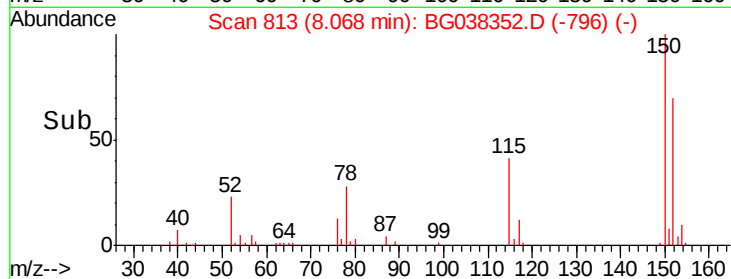
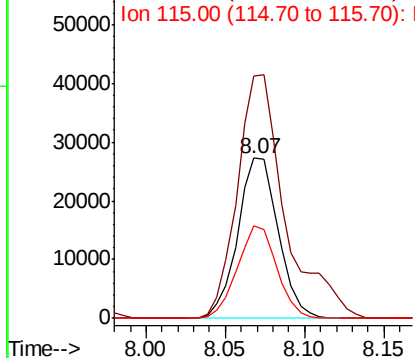


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

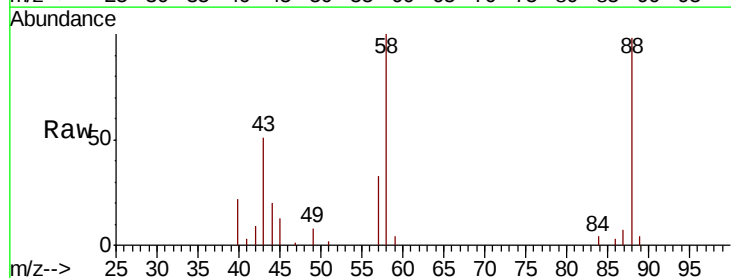
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 15.582 ng
RT: 3.50 min Scan# 35
Delta R.T. -0.01 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.1	74.4	111.6
43	45.3	25.8	38.8

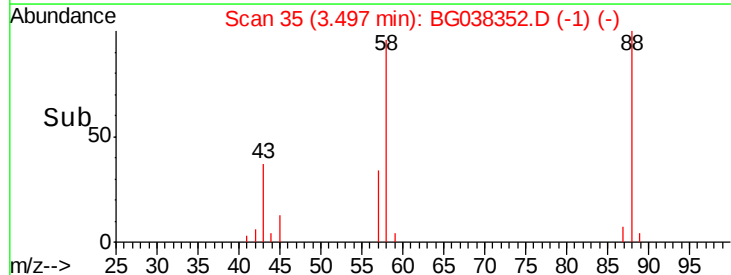
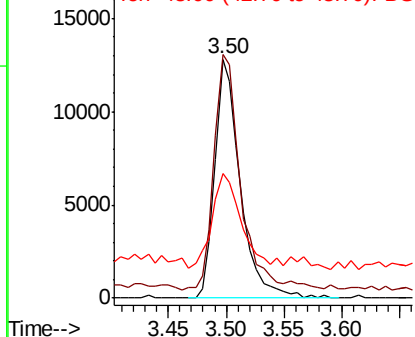


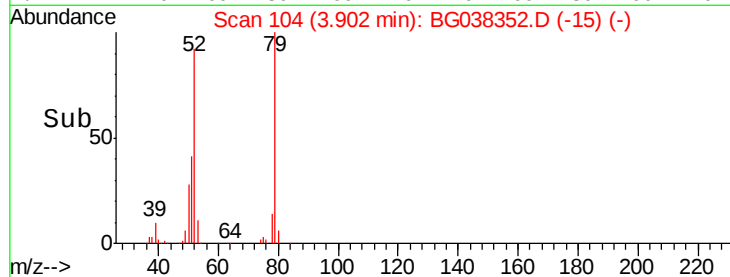
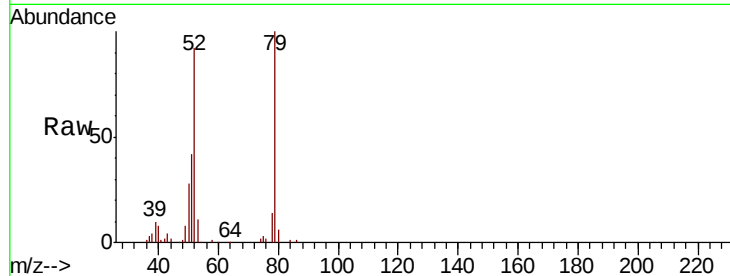
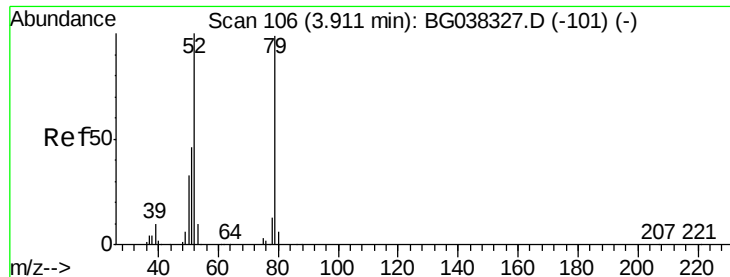
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 24.023 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.01 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

Tot Ion:	79	Resp:	90014
Ion Ratio	Lower	Upper	
79	100		
52	92.3	74.2	111.2
51	41.7	34.6	51.8

Instrument :

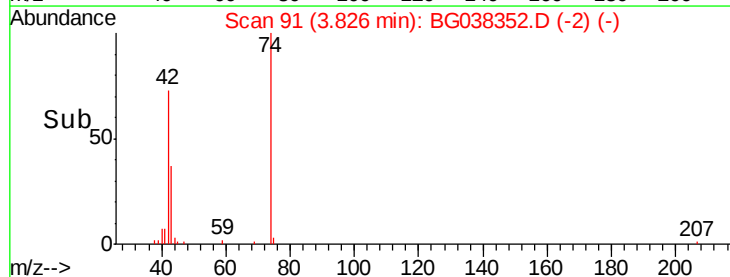
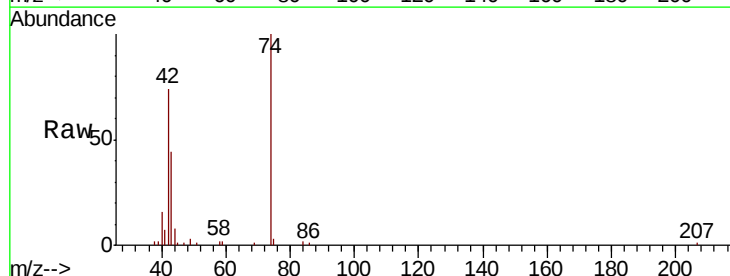
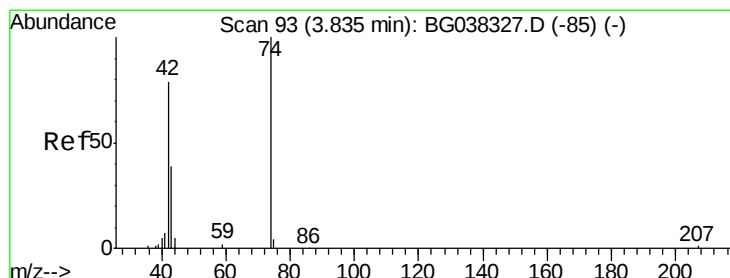
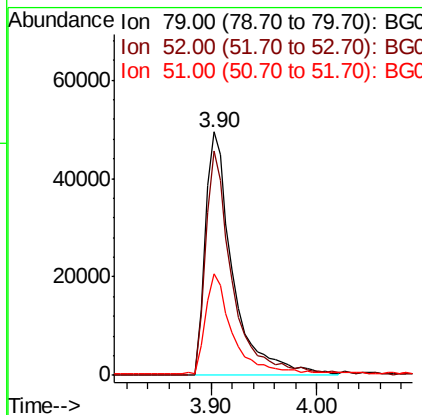
BNA_G

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#4

n-Nitrosodimethylamine

Concen: 28.184 ng

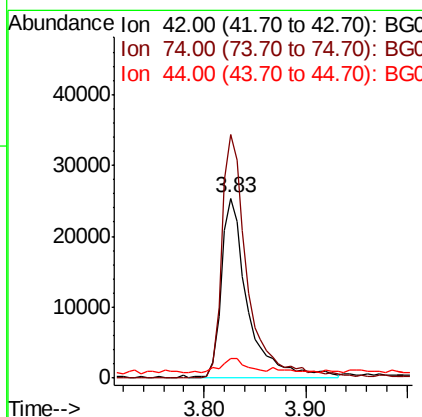
RT: 3.83 min Scan# 91

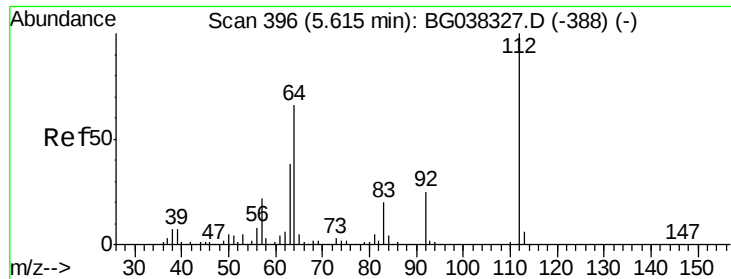
Delta R.T. -0.01 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

Tgt Ion:	42	Resp:	46258
Ion Ratio	Lower	Upper	
42	100		
74	135.3	102.0	153.0
44	11.1	9.6	14.4





#5

2-Fluorophenol

Concen: 78.312 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

Instrument :

BNA_G

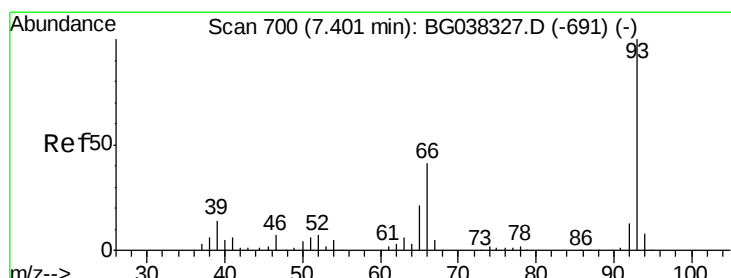
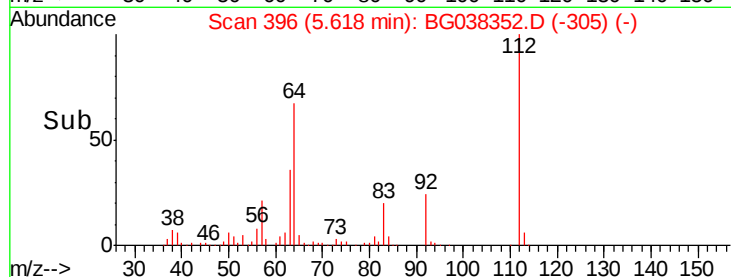
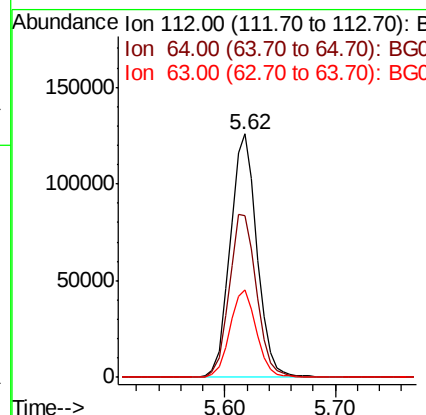
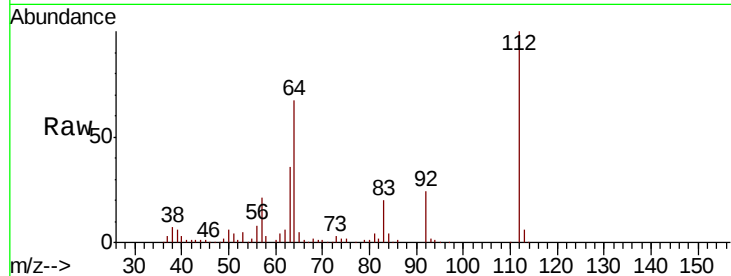
ClientSampleId :

PB115253BS

Tot Ion:	112	Resp:	214002
Ion Ratio	Lower	Upper	
112	100		
64	66.6	53.1	79.7
63	35.8	27.3	40.9

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12/6/2018 10:33:23 AM



#6

Aniline

Concen: 8.848 ng

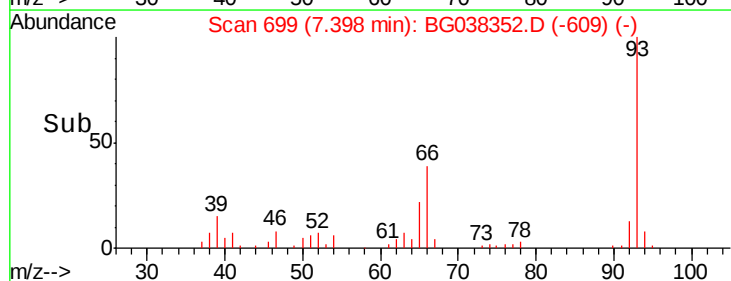
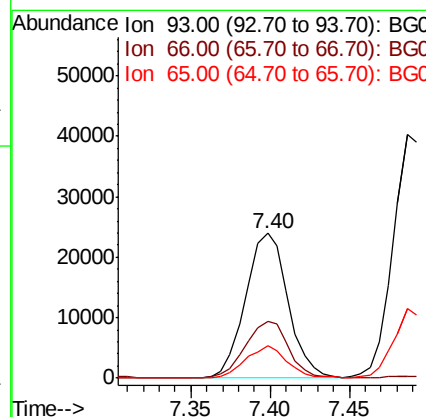
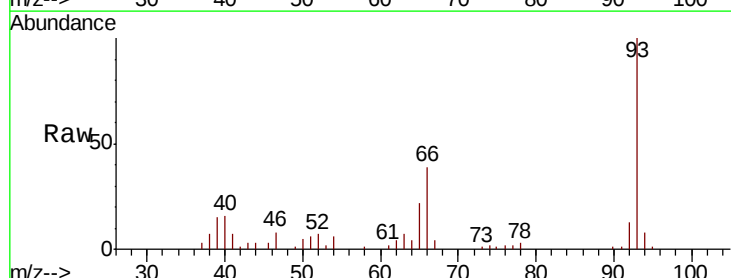
RT: 7.40 min Scan# 699

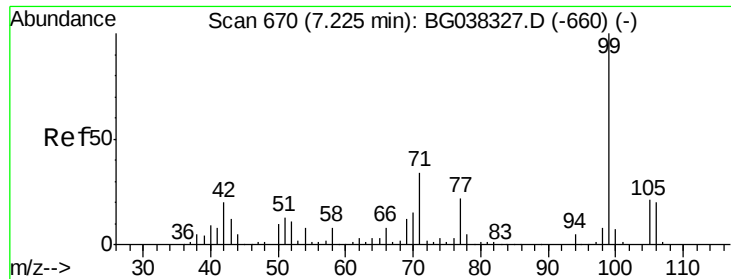
Delta R.T. -0.00 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

Tgt Ion:	93	Resp:	44634
Ion Ratio	Lower	Upper	
93	100		
66	39.1	32.8	49.2
65	21.9	16.4	24.6





#7

Phenol-d6

Concen: 63.408 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

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Acq: 5 Dec 2018 9:44

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Tot Ion: 99 Resp: 250442

Ion Ratio Lower Upper

99 100

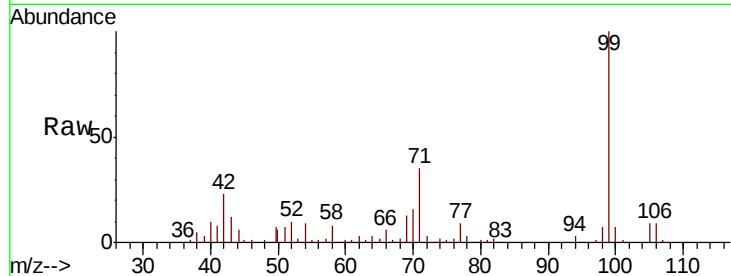
42 22.5 15.0 22.4#

71 34.8 25.5 38.3

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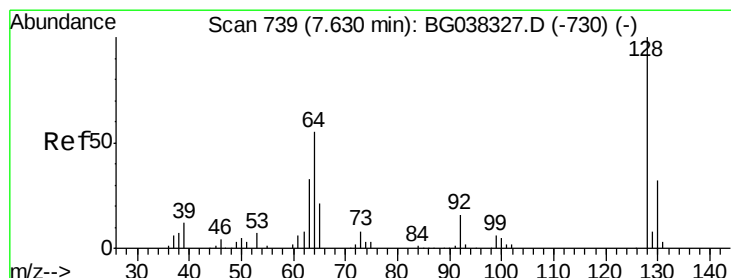
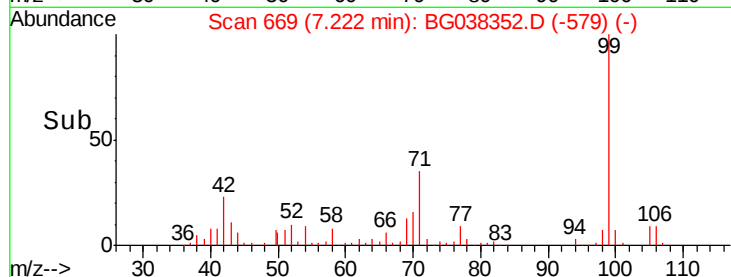
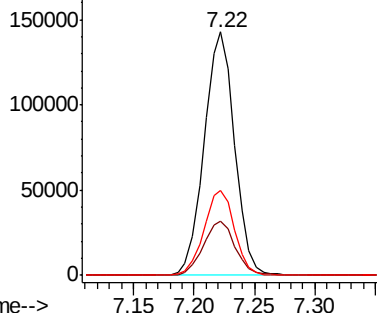
12/6/2018 10:33:23 AM



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 23.604 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

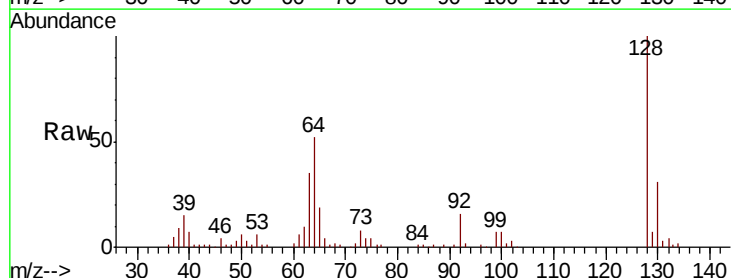
Tgt Ion:128 Resp: 74912

Ion Ratio Lower Upper

128 100

130 30.9 12.0 52.0

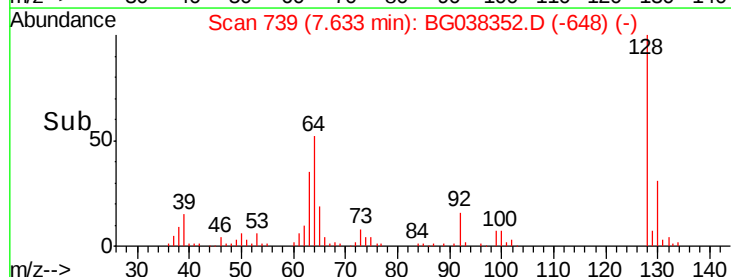
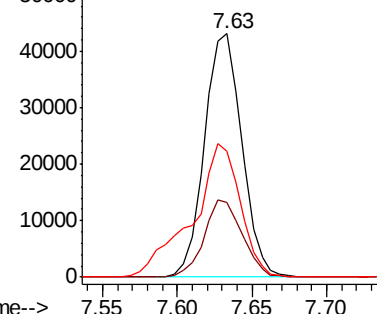
64 51.7 32.9 72.9

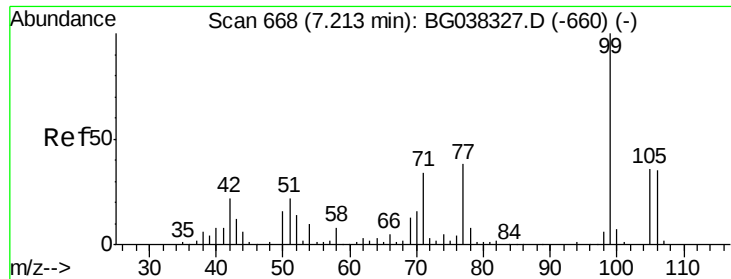


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 15.020 ng

RT: 7.22 min Scan# 668

Delta R.T. 0.00 min

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Acq: 5 Dec 2018 9:44

Instrument :

BNA_G

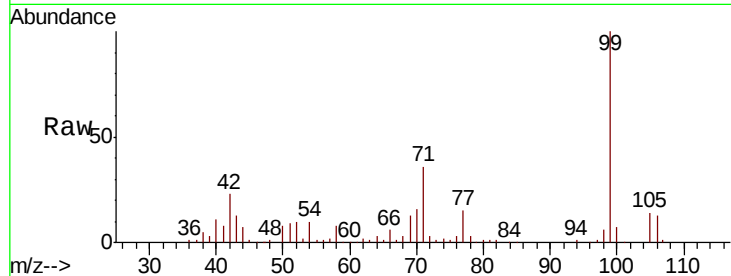
ClientSampleID :

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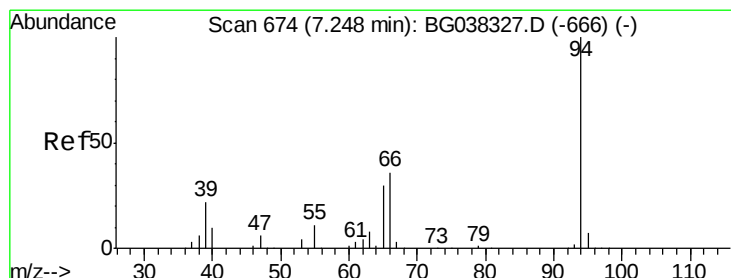
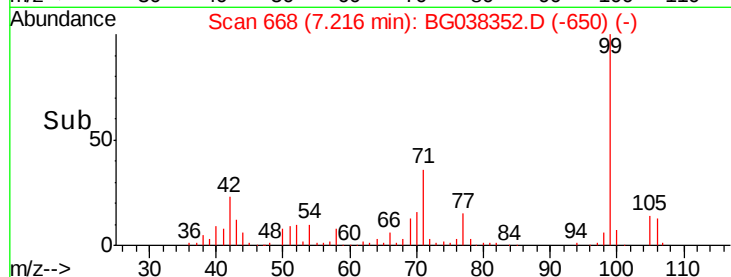
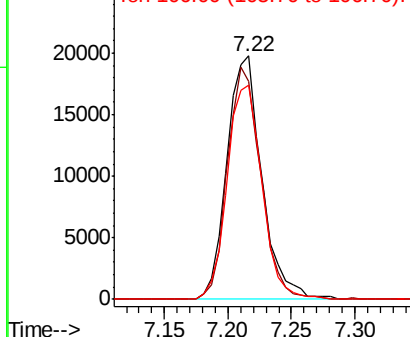
Tot Ion:	77	Resp:	37565
Ion	Ratio	Lower	Upper
77	100		
105	89.8	72.6	112.6
106	87.9	71.3	111.3

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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: 23.083 ng

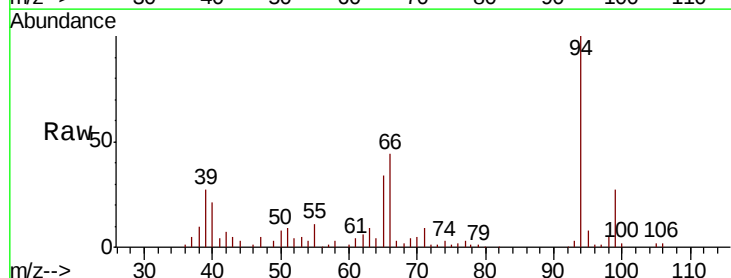
RT: 7.25 min Scan# 673

Delta R.T. -0.00 min

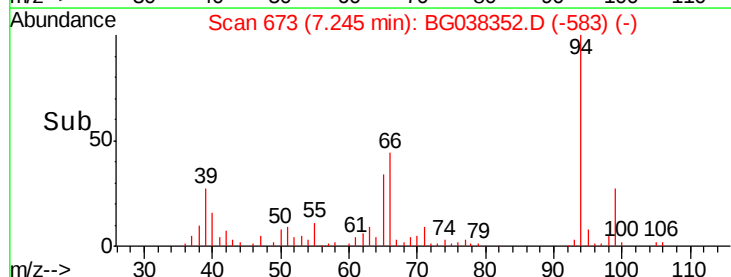
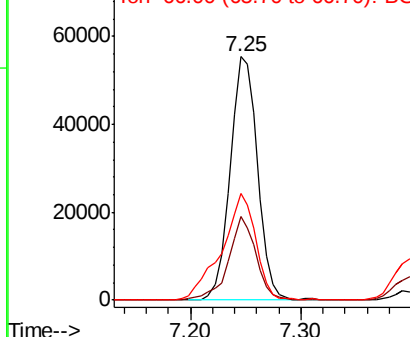
Lab File: BG038352.D

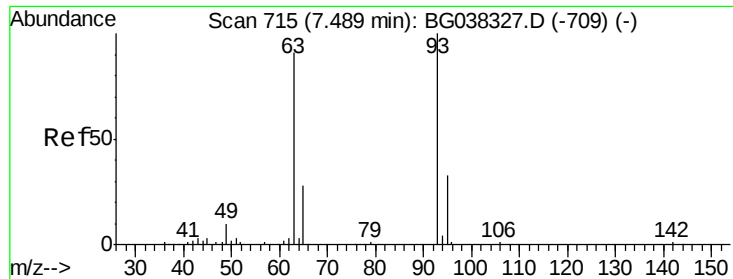
Acq: 5 Dec 2018 9:44

Tgt Ion:	94	Resp:	96329
Ion	Ratio	Lower	Upper
94	100		
65	34.2	9.7	49.7
66	43.6	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





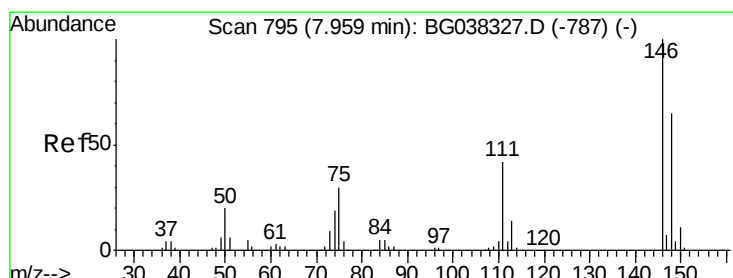
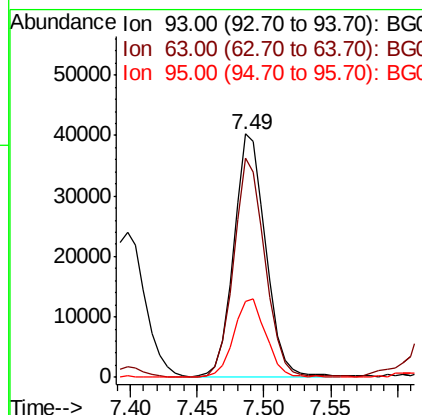
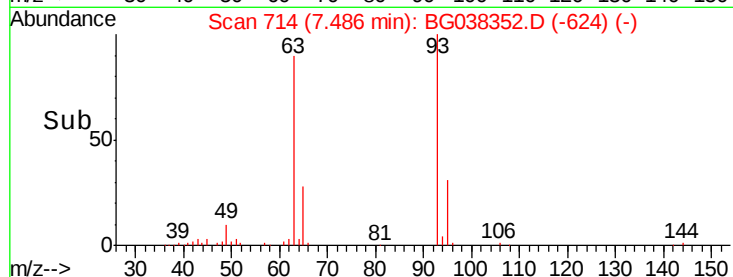
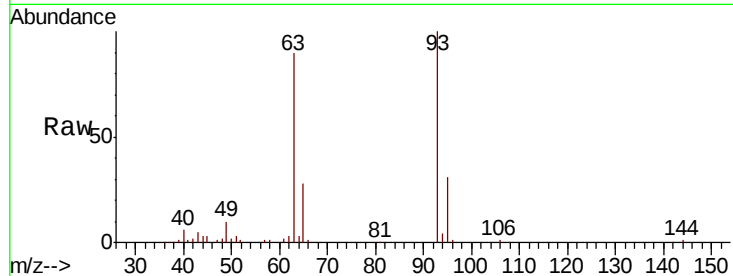
#11
bis(2-Chloroethyl)ether
Concen: 19.382 ng
RT: 7.49 min Scan# 714
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.3	69.5	109.5
95	31.1	12.6	52.6

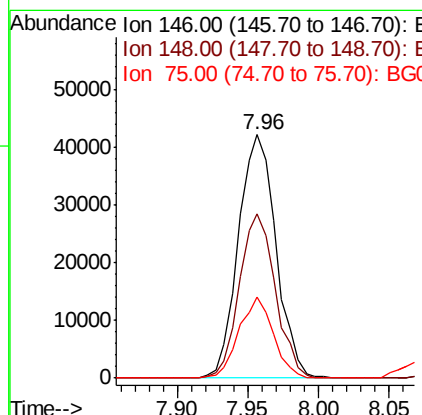
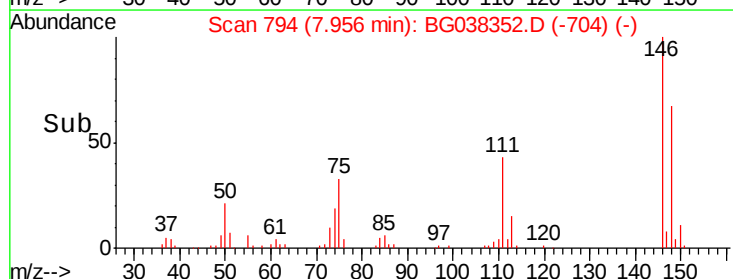
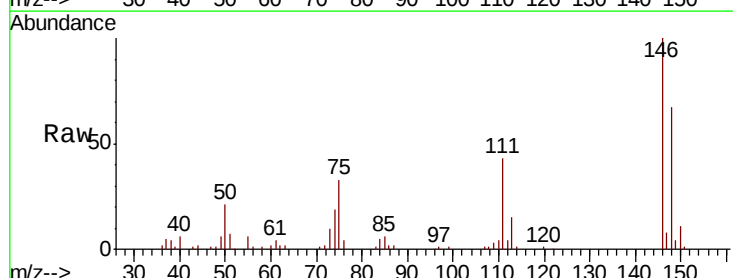
Manual Integrations
APPROVED

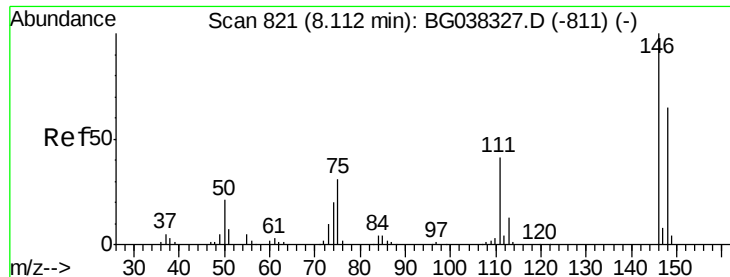
mohammad
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#12
1,3-Dichlorobenzene
Concen: 21.178 ng
RT: 7.96 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	49.8	74.8
75	33.4	23.2	34.8





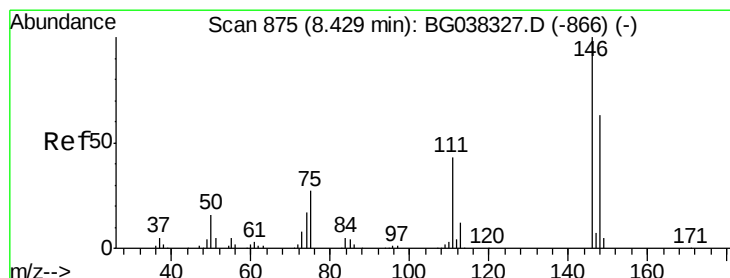
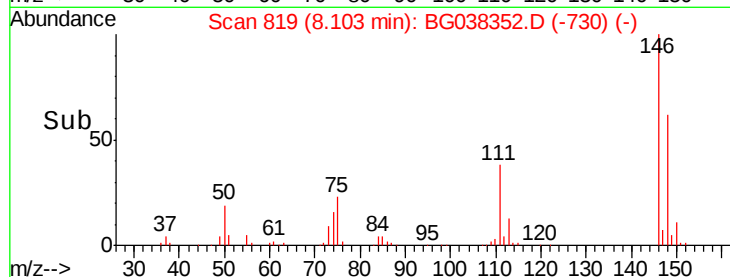
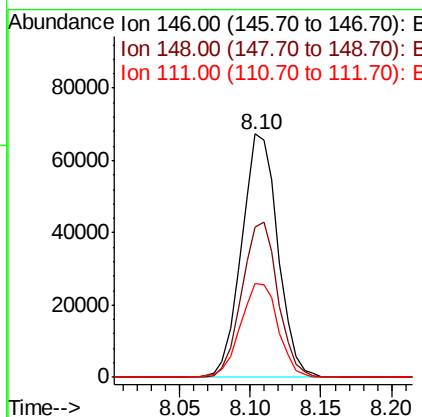
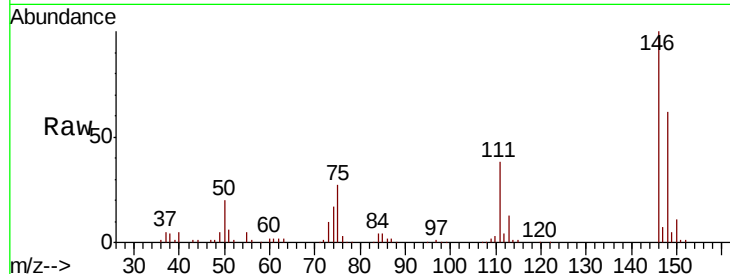
#13
 1,4-Dichlorobenzene
 Concen: 31.475 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG038352.D
 Acq: 5 Dec 2018 9:44

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.9	51.0	76.6
111	38.4	32.4	48.6

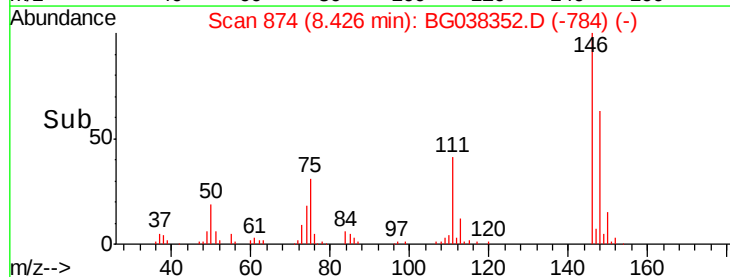
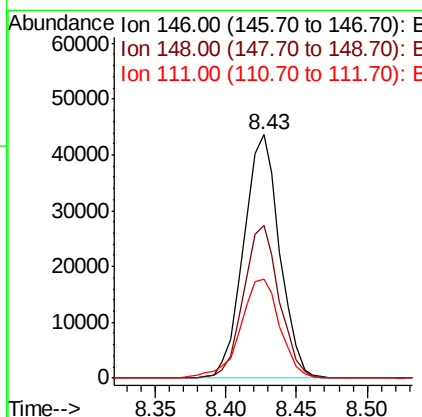
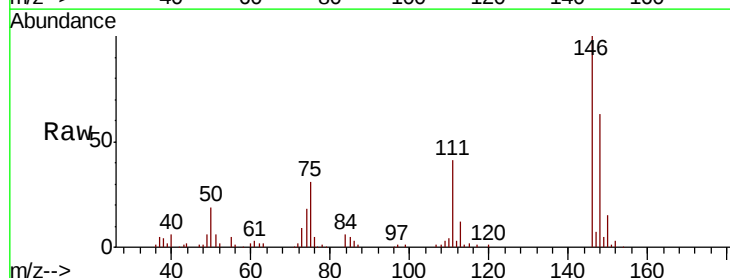
Manual Integrations
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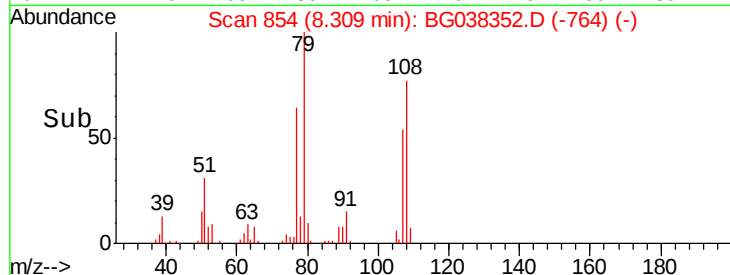
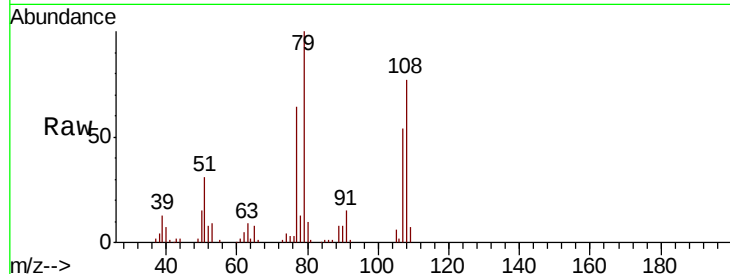
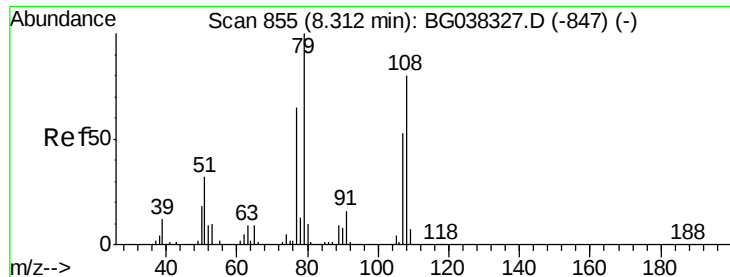
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#14
 1,2-Dichlorobenzene
 Concen: 17.449 ng
 RT: 8.43 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG038352.D
 Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.4	75.6
111	40.7	34.6	51.8





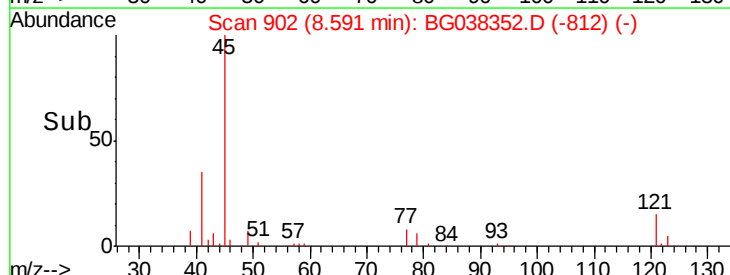
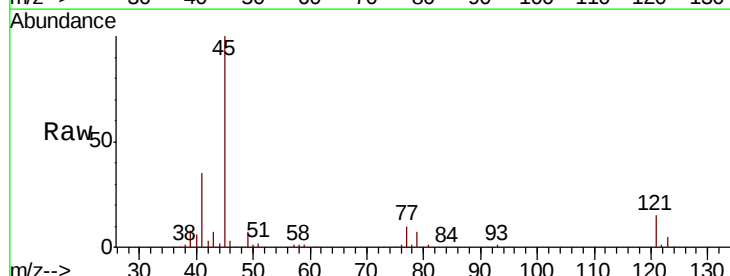
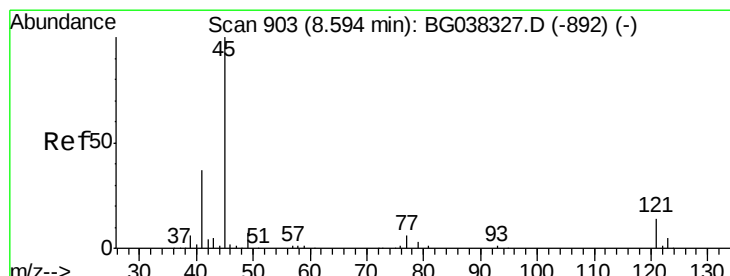
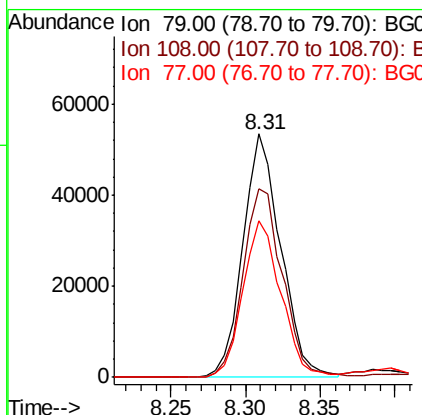
#15
Benzyl Alcohol
Concen: 28.899 ng
RT: 8.31 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.4	65.8	98.8
77	64.5	52.9	79.3

Instrument :
BNA_G
ClientSampleId :
PB115253BS

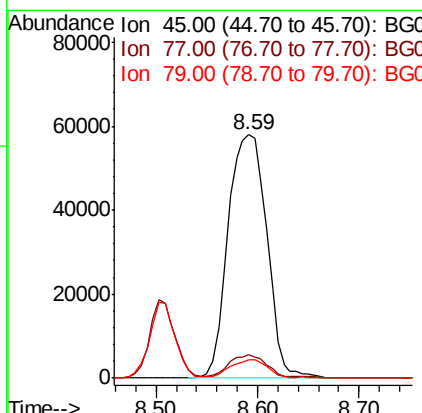
Manual Integrations
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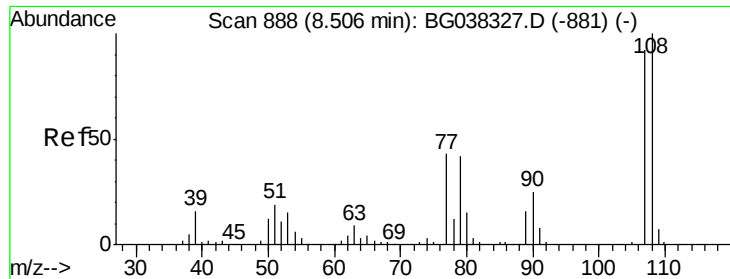
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.716 ng
RT: 8.59 min Scan# 902
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.7	0.0	30.0
79	7.4	0.0	29.0





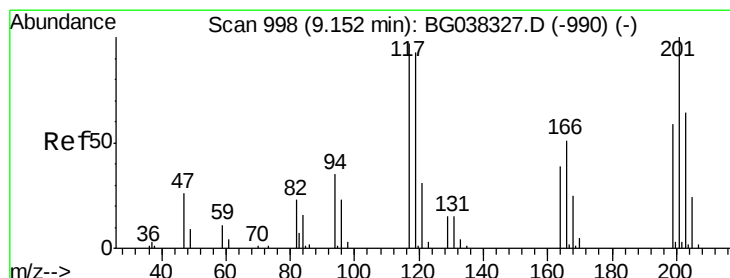
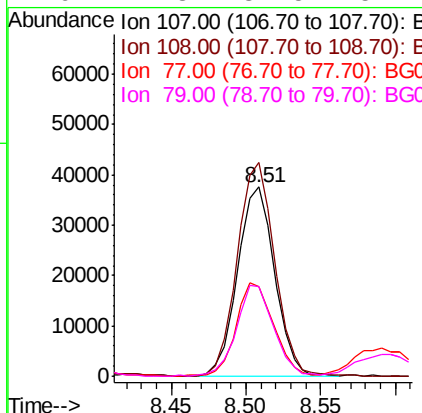
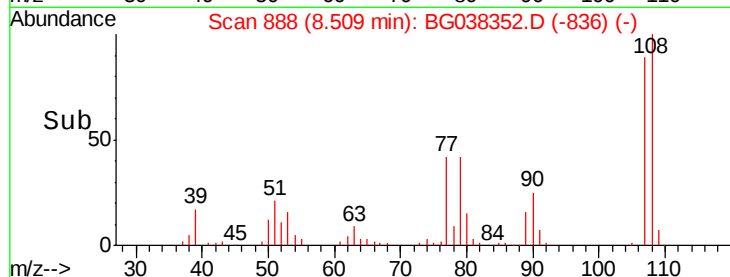
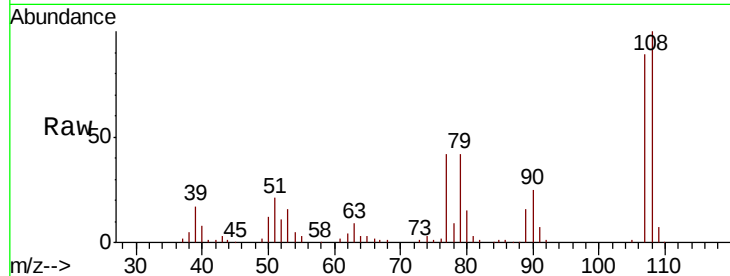
#17
2-Methylphenol
Concen: 19.186 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion:	107	Resp:	64989
Ion	Ratio	Lower	Upper
107	100		
108	112.9	87.9	131.9
77	47.1	35.1	52.7
79	47.3	34.5	51.7

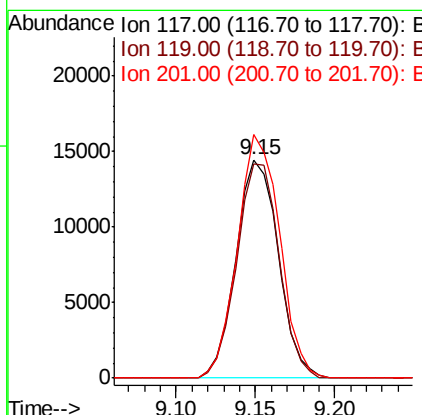
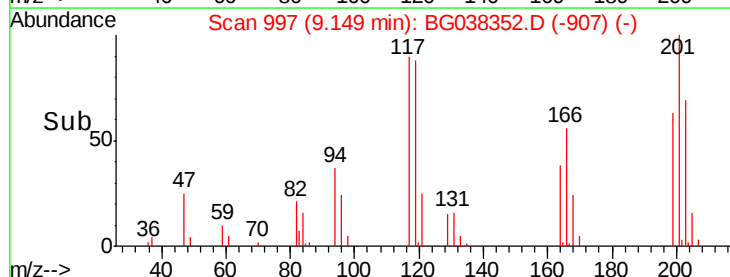
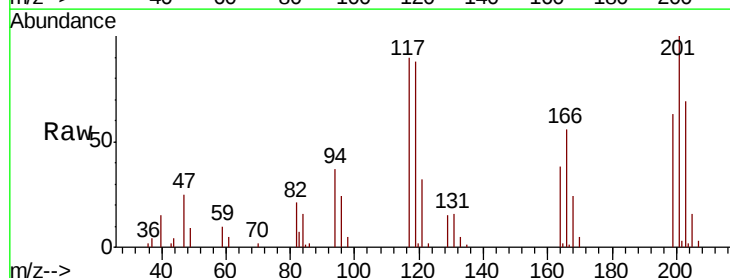
Manual Integrations
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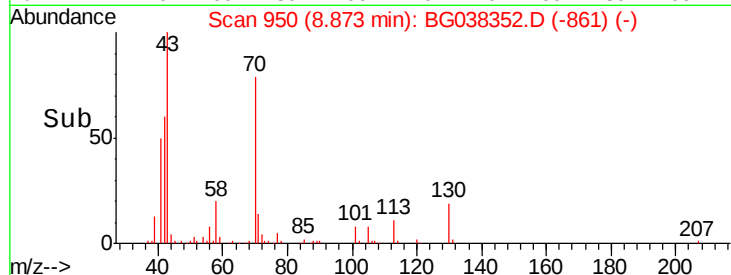
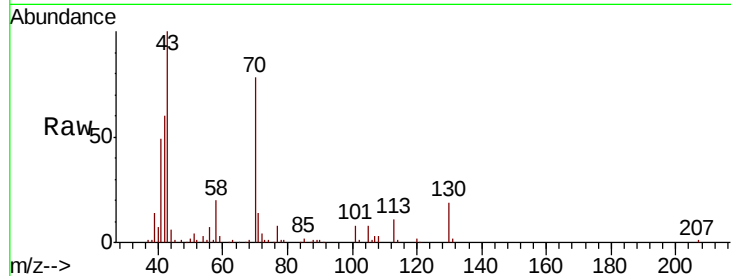
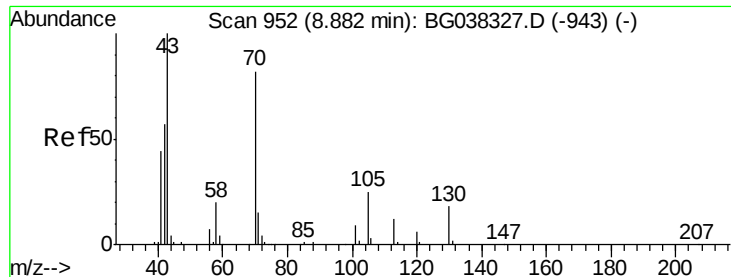
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#18
Hexachloroethane
Concen: 19.357 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Tgt Ion:	117	Resp:	26813
Ion	Ratio	Lower	Upper
117	100		
119	98.1	74.6	111.8
201	111.4	80.8	121.2





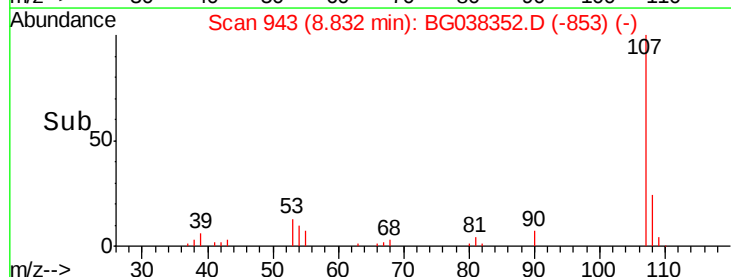
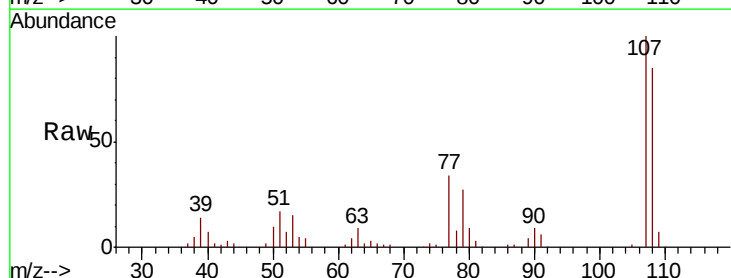
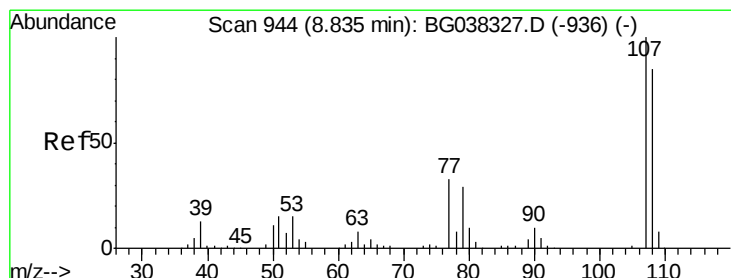
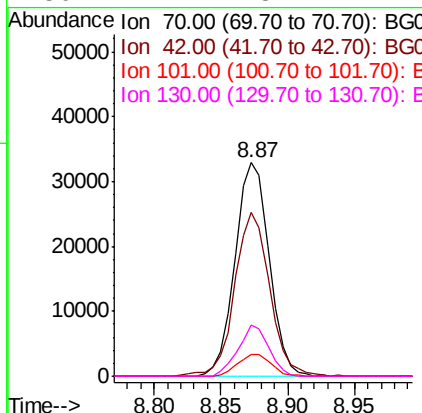
#19
n-Nitroso-di-n-propylamine
Concen: 19.073 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	76.5	53.9	80.9	
101	10.0	8.2	12.2	
130	24.2	18.2	27.4	

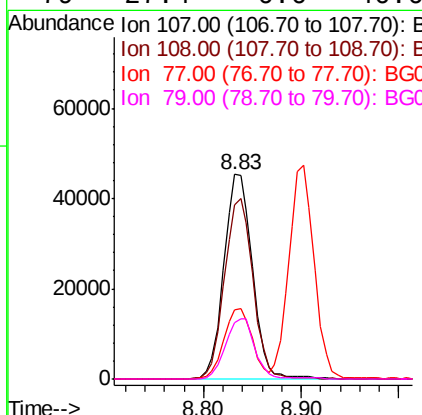
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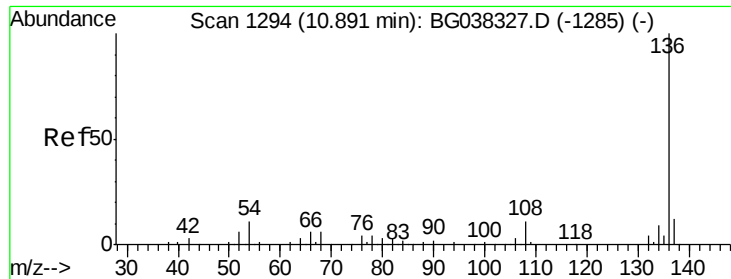
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#20
3+4-Methylphenols
Concen: 21.819 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.3	69.9	109.9	
77	33.6	11.2	51.2	
79	27.4	6.6	46.6	





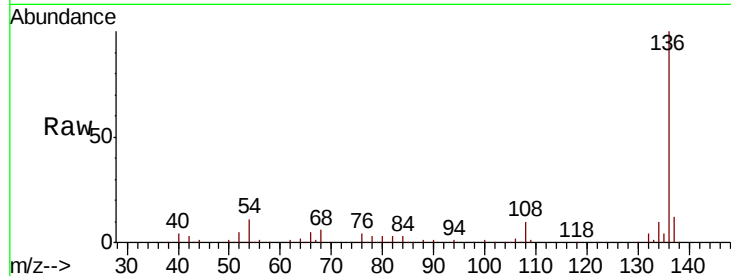
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Instrument :
BNA_G
ClientSampleId :
PB115253BS

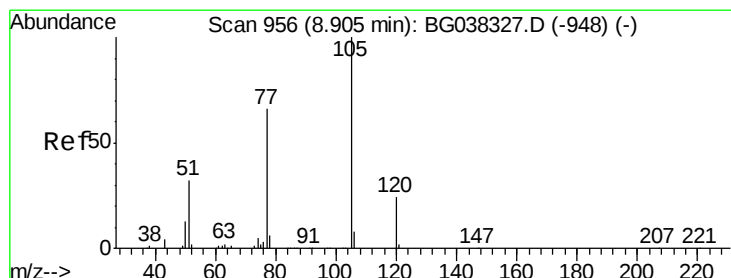
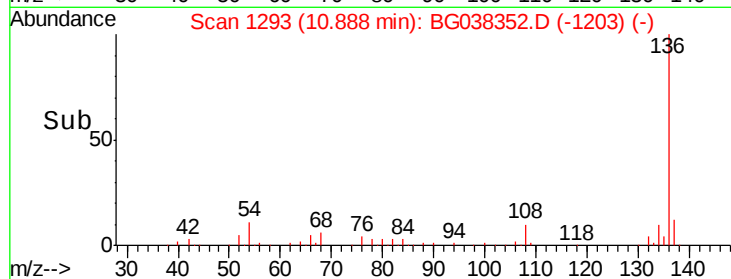
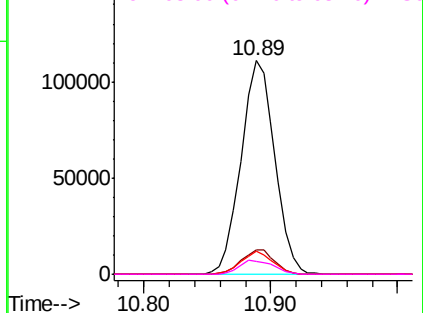
Tot Ion	Ratio	Resp	Lower	Upper
136	100	204179		
137	11.7		9.6	14.4
54	10.7		7.9	11.9
68	6.2		4.8	7.2

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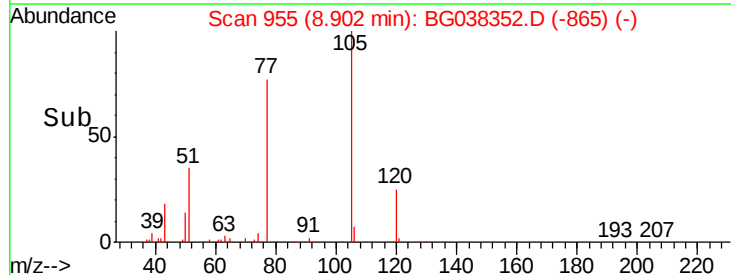
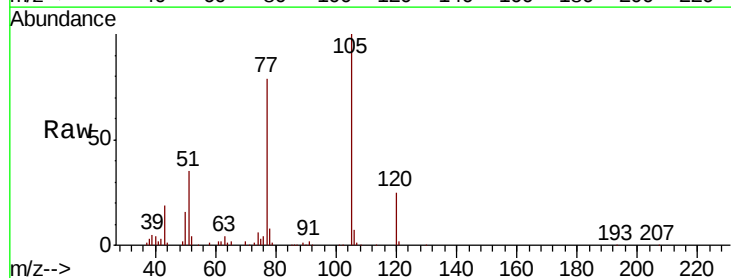
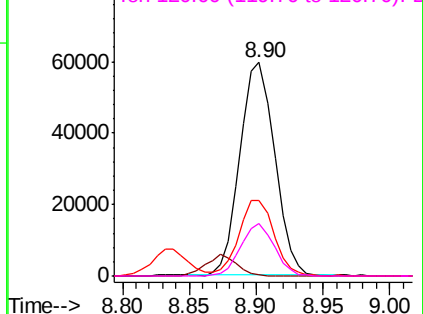
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

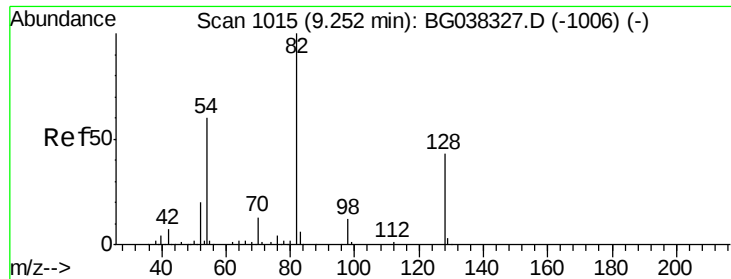


#22
Acetophenone
Concen: 20.520 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	107374		
71	0.3		1.2	1.8#
51	35.4		25.0	37.6
120	24.9		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





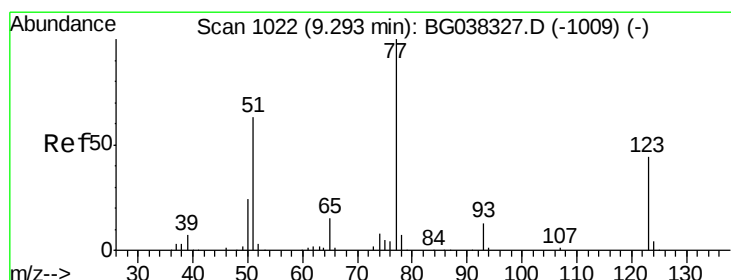
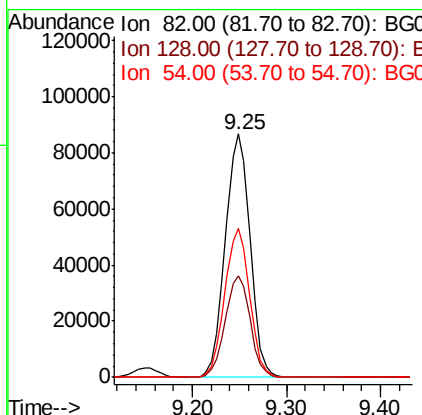
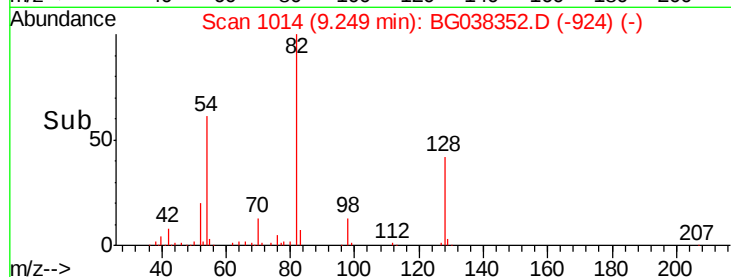
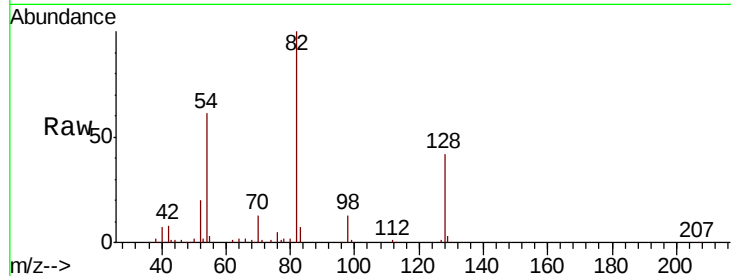
#23
Nitrobenzene-d5
Concen: 38.790 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	159527		
128	41.9	34.6	51.8	
54	61.0	45.3	67.9	

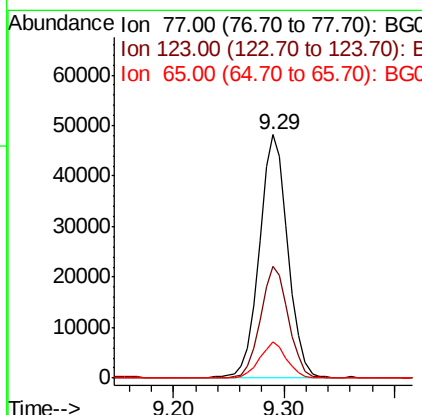
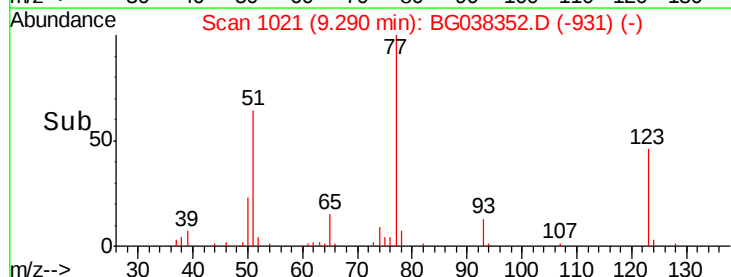
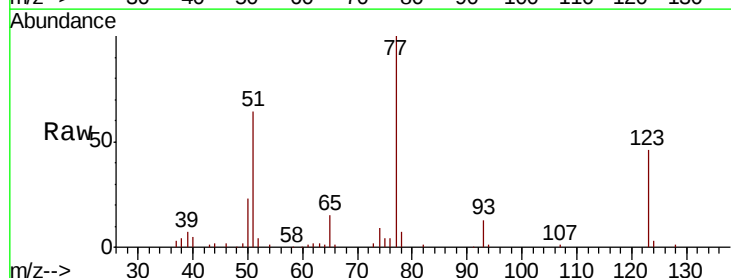
Manual Integrations
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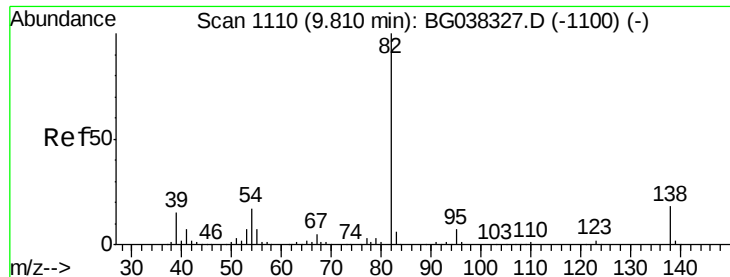
mohammad
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#24
Nitrobenzene
Concen: 20.783 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	86839		
123	45.9	33.6	50.4	
65	14.7	11.3	16.9	





#25

Isophorone

Concen: 22.583 ng

RT: 9.80 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

Instrument :

BNA_G

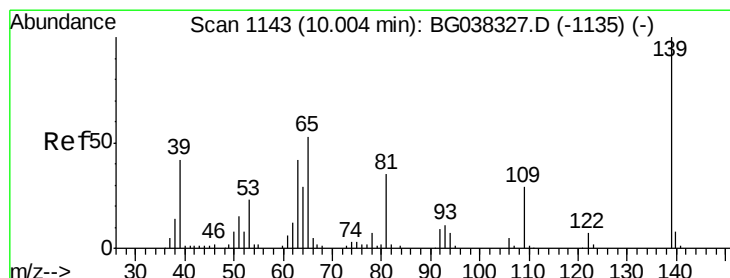
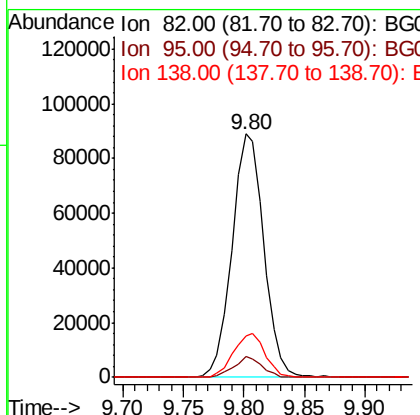
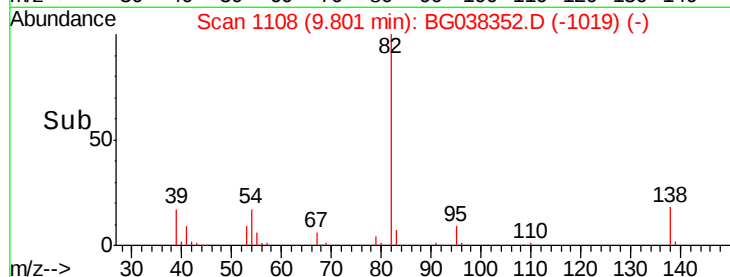
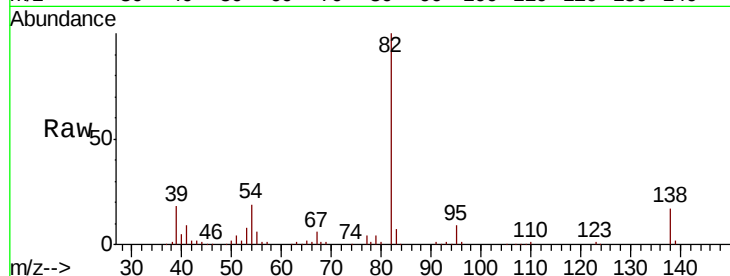
ClientSampleId :

PB115253BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	100		163214		
95	8.5	5.3	7.9#		
138	16.8	13.3	19.9		

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#26

2-Nitrophenol

Concen: 21.443 ng

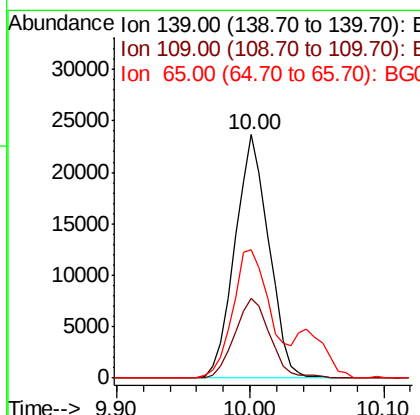
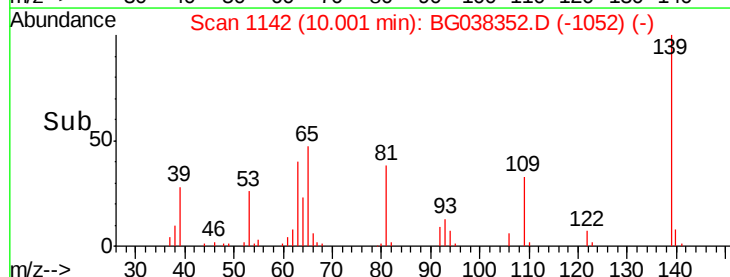
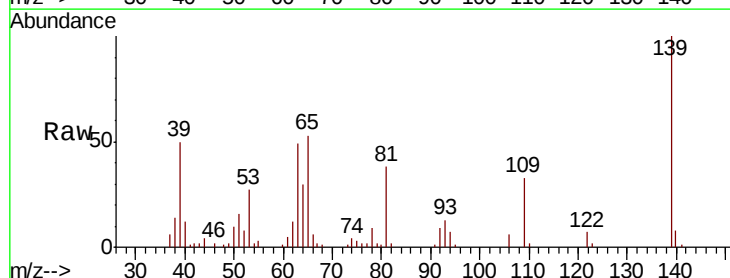
RT: 10.00 min Scan# 1142

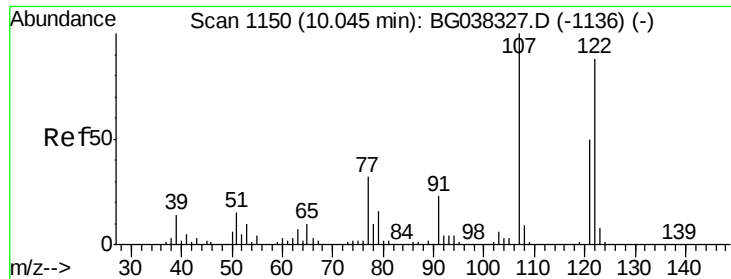
Delta R.T. -0.00 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
139	100		41513		
109	32.9	23.3	34.9		
65	52.5	39.8	59.8		





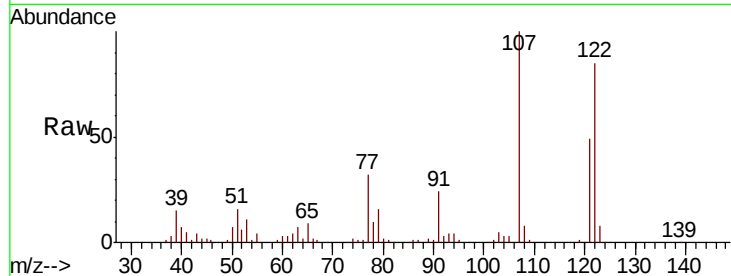
#27
2,4-Dimethylphenol
Concen: 27.814 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.5	94.2	141.2
121	57.6	47.3	70.9

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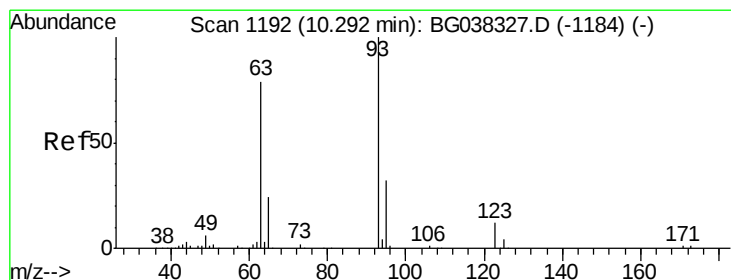
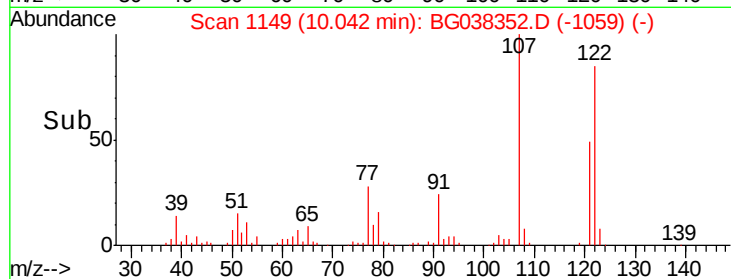
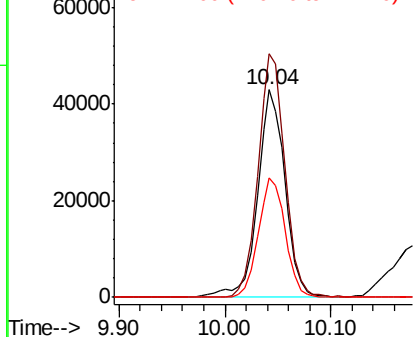


Abundance

Ion 122.00 (121.70 to 122.70): E

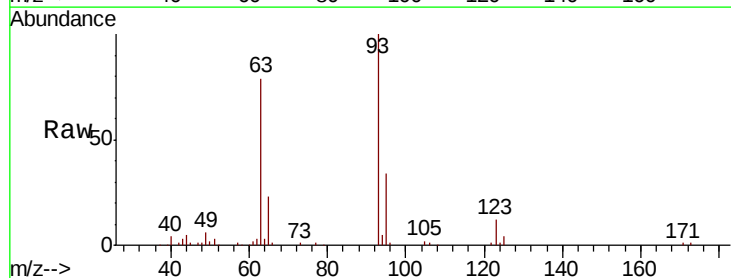
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 23.584 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.2	24.6	37.0
123	11.8	9.1	13.7

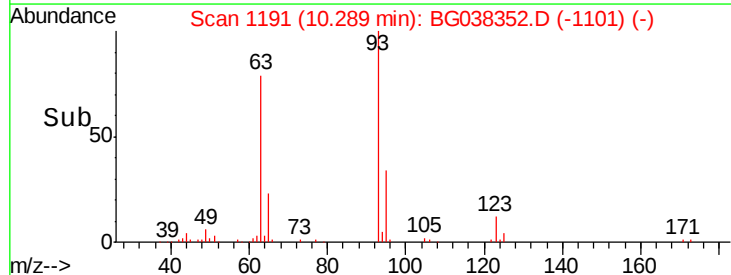
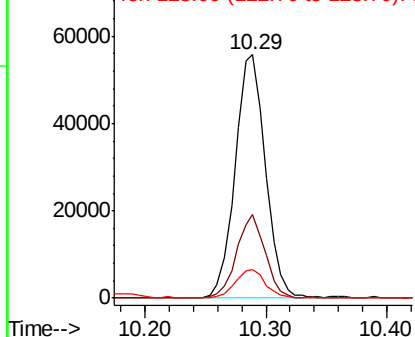


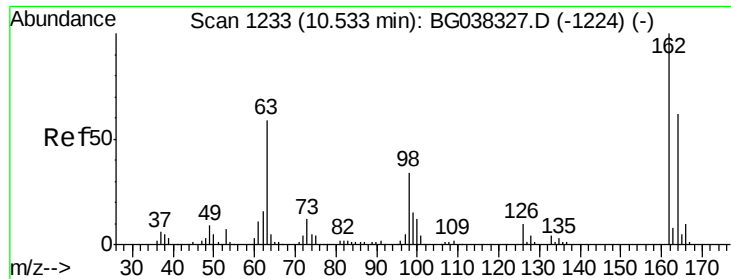
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





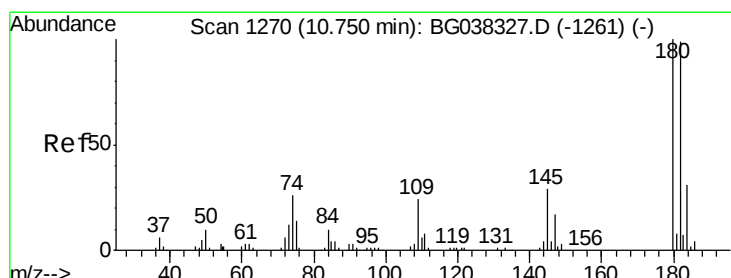
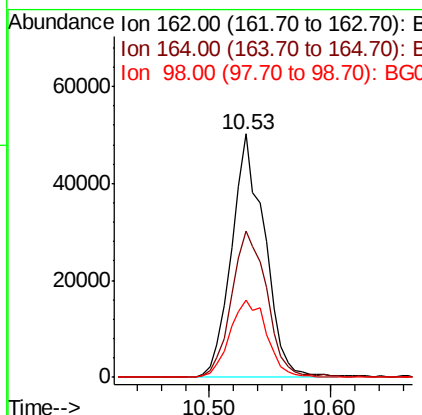
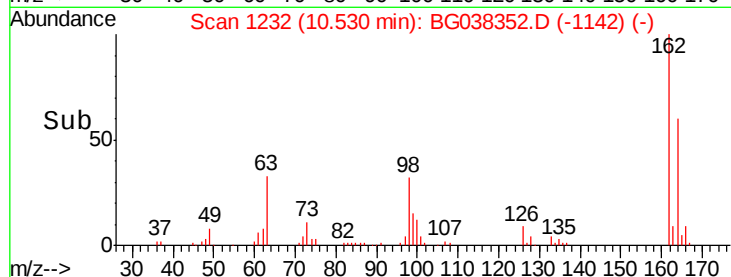
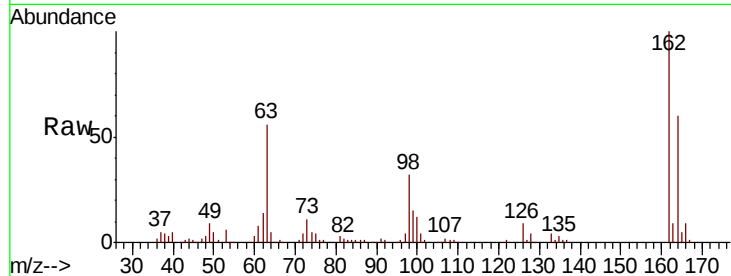
#29
2,4-Dichlorophenol
Concen: 30.207 ng
RT: 10.53 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	59.9	43.2	83.2
98	31.7	16.0	56.0

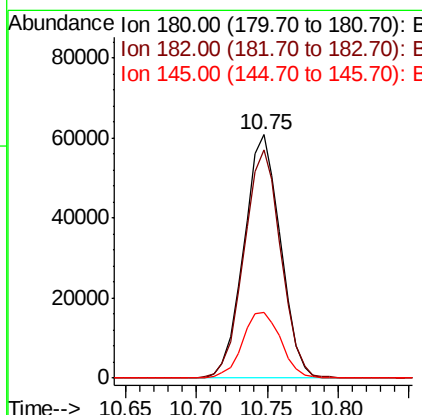
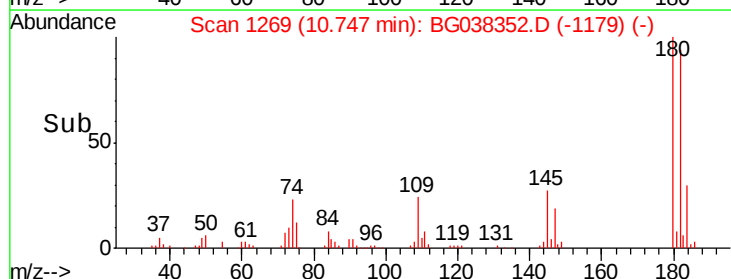
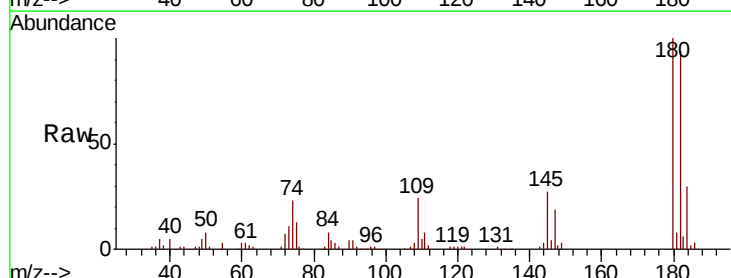
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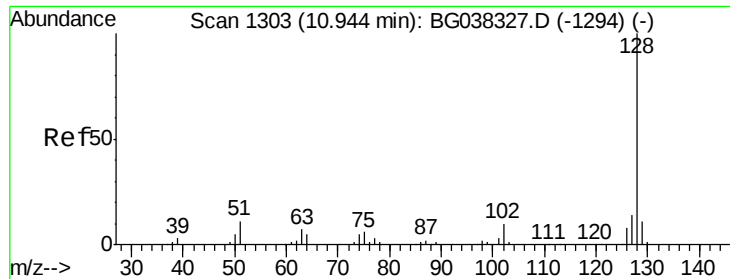
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#30
1,2,4-Trichlorobenzene
Concen: 29.610 ng
RT: 10.75 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.6	77.7	116.5
145	27.0	23.3	34.9





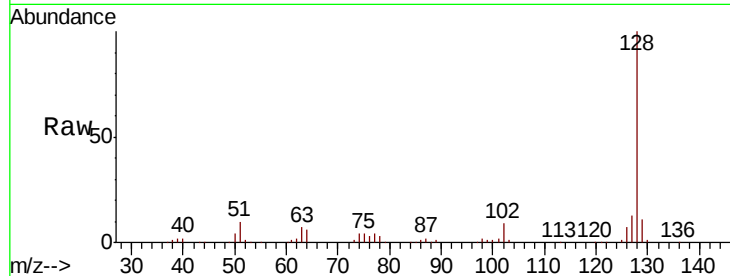
#31
Naphthalene
Concen: 36.879 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.6
127	12.7	11.1	16.7

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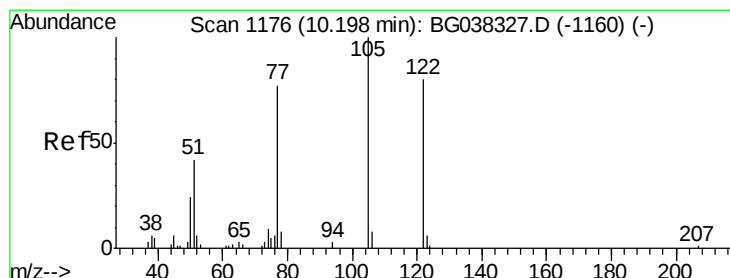
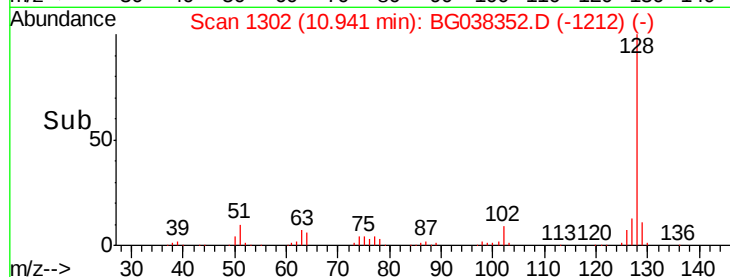
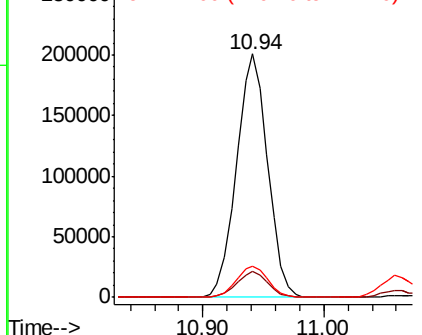


Abundance

Ion 128.00 (127.70 to 128.70): E

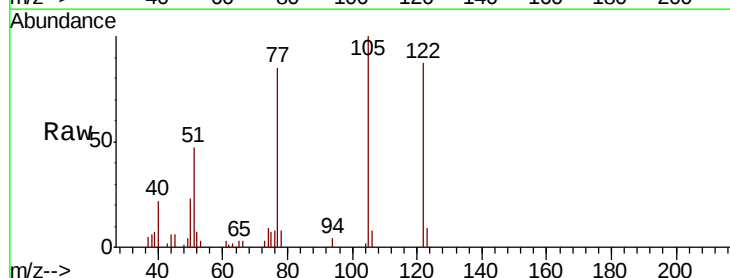
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 21.415 ng
RT: 10.18 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.8	106.7	146.7
77	97.5	72.2	112.2

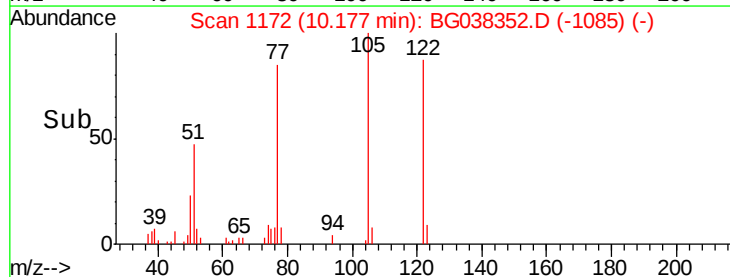
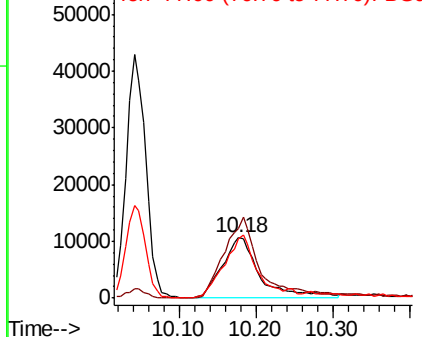


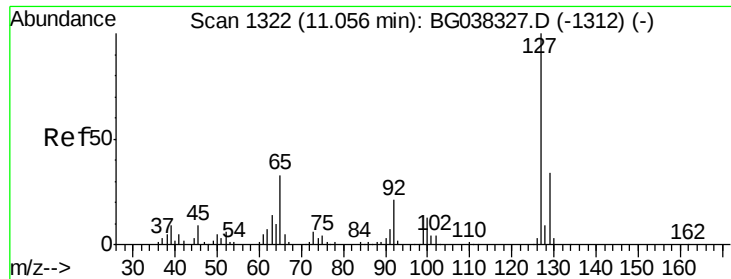
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





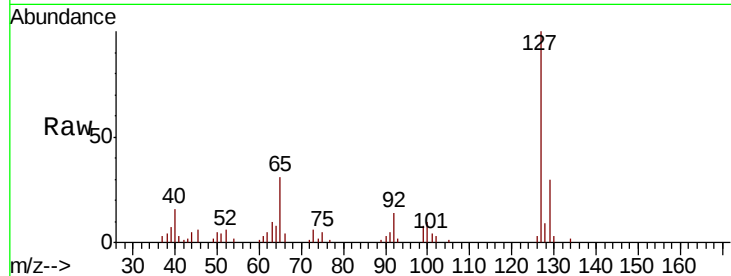
#33
4-Chloroaniline
Concen: 8.653 ng
RT: 11.06 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Instrument :
BNA_G
ClientSampleId :
PB115253BS

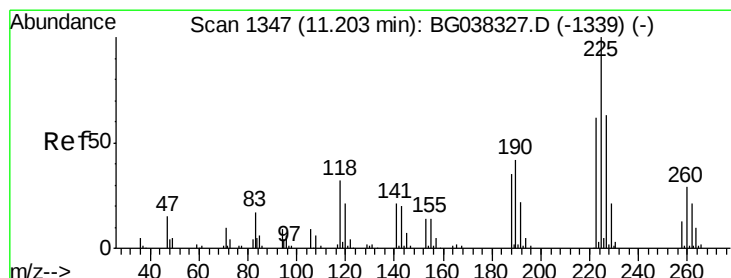
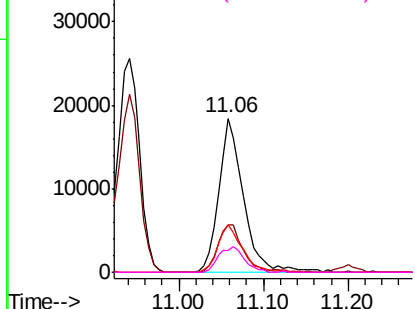
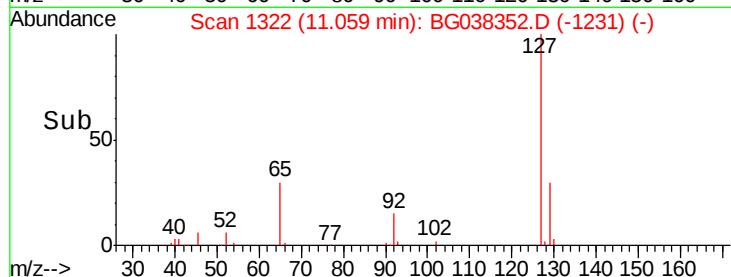
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.4	27.1	40.7
65	31.0	26.6	39.8
92	14.4	16.4	24.6

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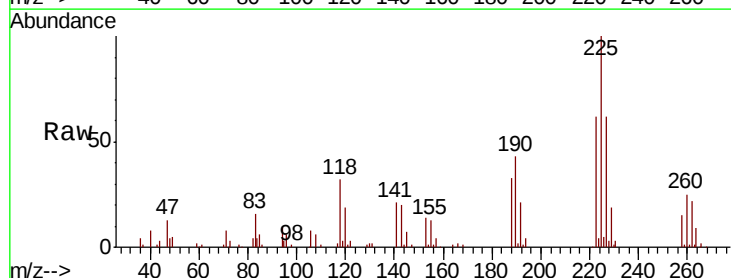


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

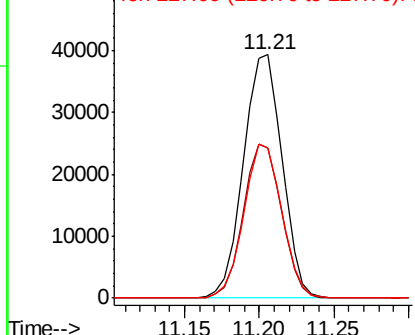
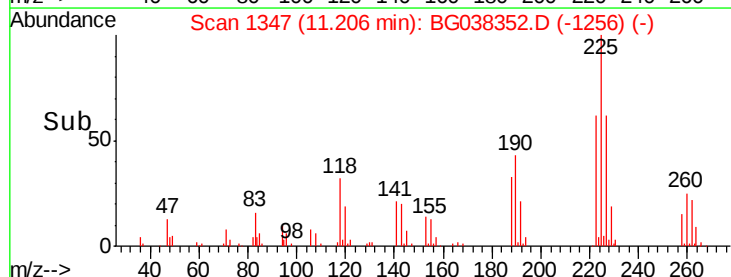


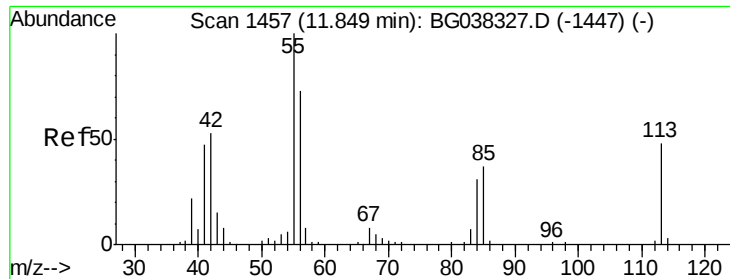
#34
Hexachlorobutadiene
Concen: 30.187 ng
RT: 11.21 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	48.2	72.4
227	61.7	51.6	77.4



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





#35

Caprolactam

Concen: 31.571 ng/mL

RT: 11.83 min Scan# 1453

Delta R.T. -0.02 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

Instrument :

BNA_G

ClientSampleID :

PB115253BS

Tot Ion:113 Resp: 41442

Ion Ratio Lower Upper

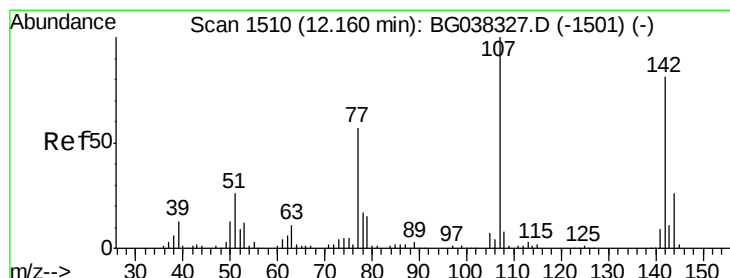
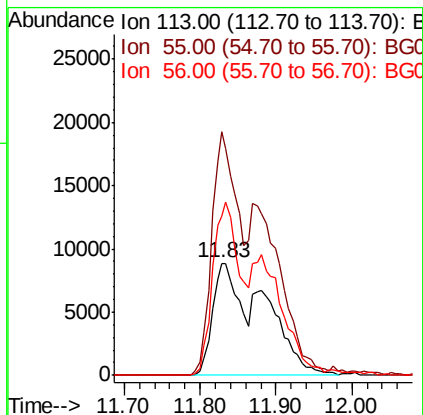
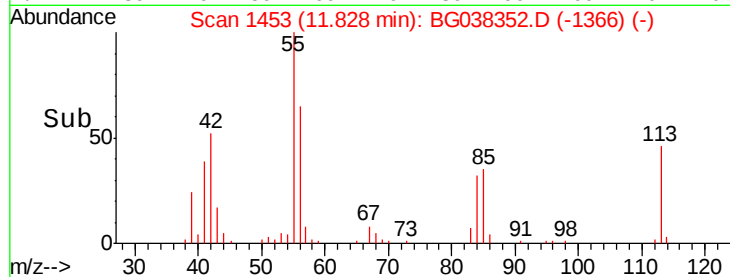
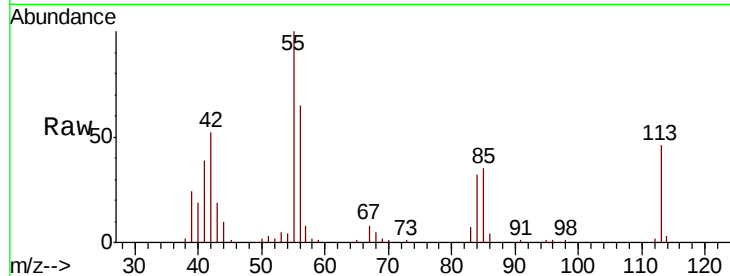
113 100

55 217.4 176.6 216.6#

56 142.0 128.3 168.3

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#36

4-Chloro-3-methylphenol

Concen: 38.622 ng/mL

RT: 12.16 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

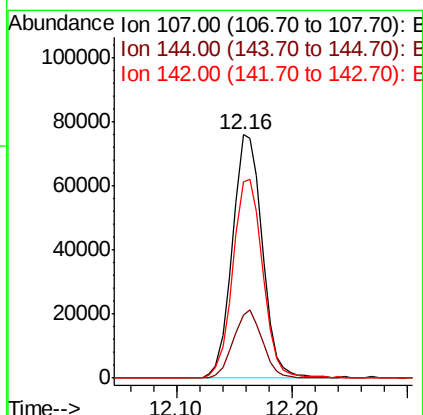
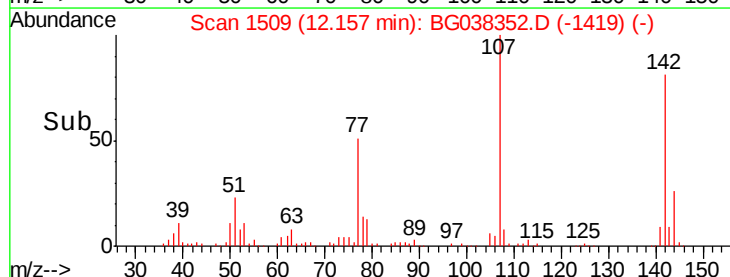
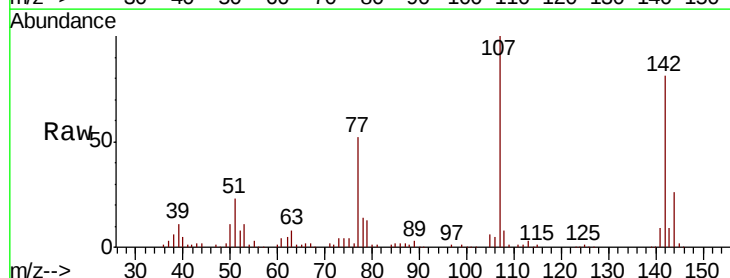
Tgt Ion:107 Resp: 136213

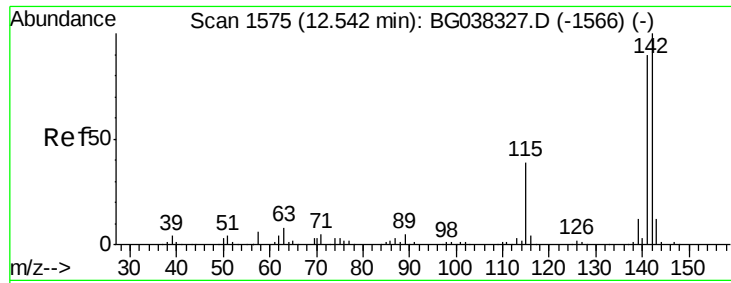
Ion Ratio Lower Upper

107 100

144 25.9 20.7 31.1

142 80.7 64.4 96.6





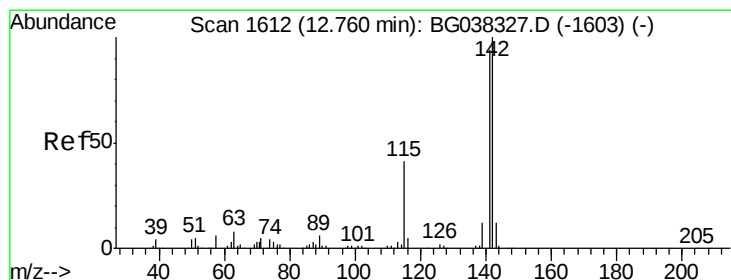
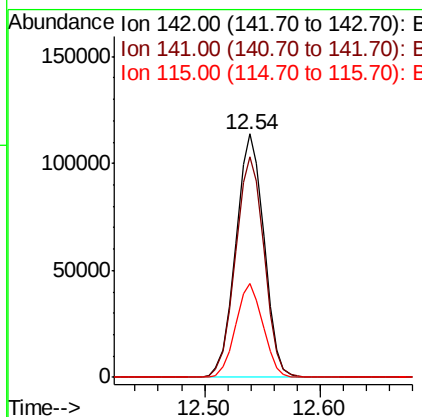
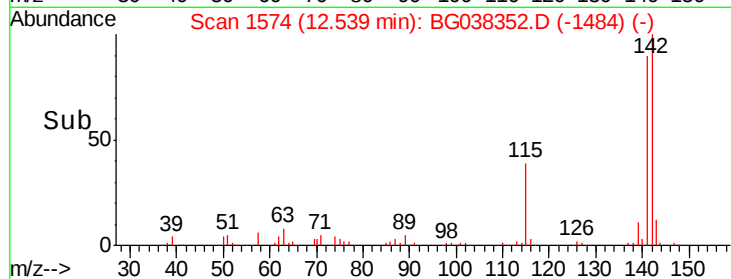
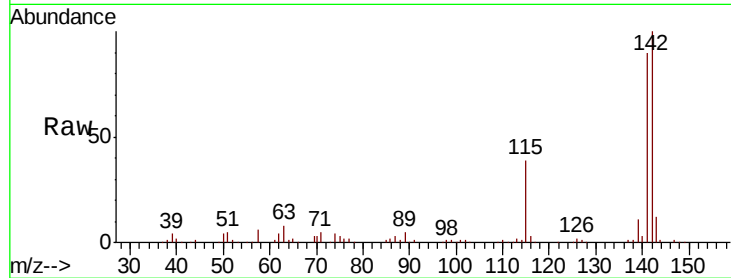
#37
2-Methylnaphthalene
Concen: 27.721 ng
RT: 12.54 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.9	107.9
115	38.5	27.8	41.8

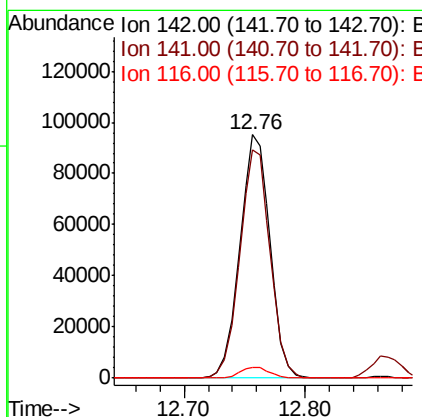
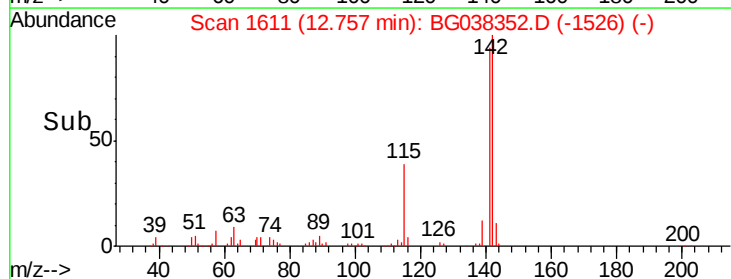
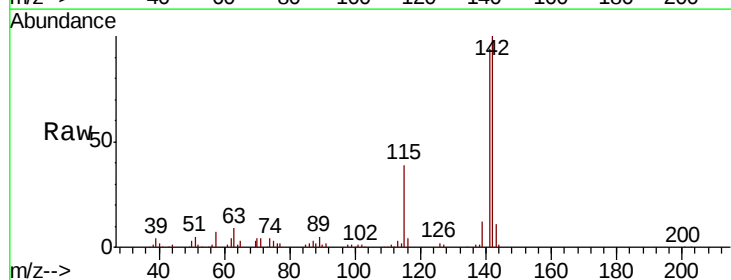
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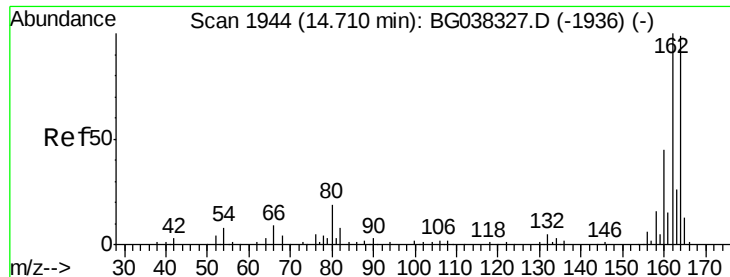
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#38
1-Methylnaphthalene
Concen: 24.712 ng
RT: 12.76 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.2	112.8
116	4.3	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

Instrument :

BNA_G

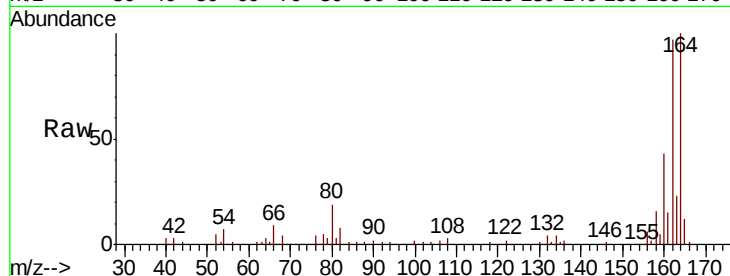
ClientSampleId :

PB115253BS

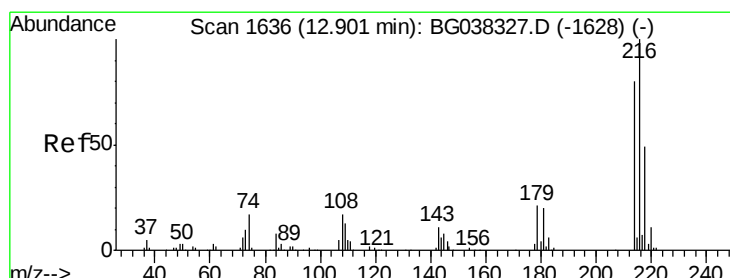
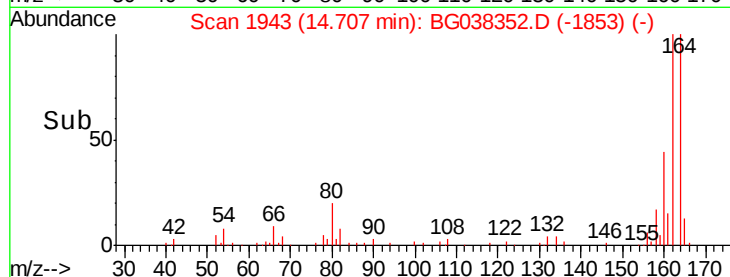
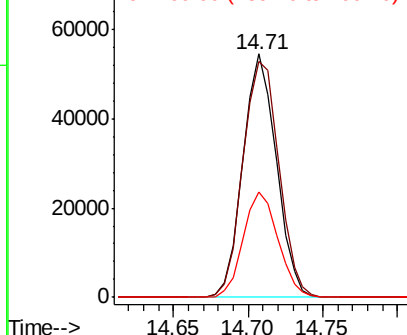
Tot Ion:	164	Resp:	84452
Ion Ratio	Lower	Upper	
164	100		
162	96.8	81.3	121.9
160	43.2	36.3	54.5

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 31.901 ng

RT: 12.90 min Scan# 1636

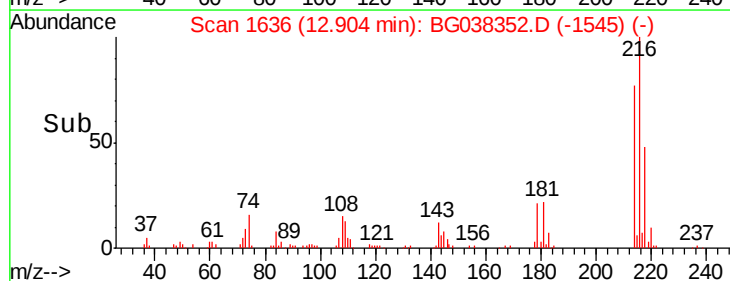
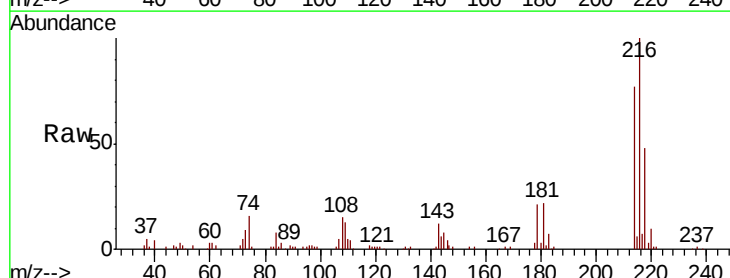
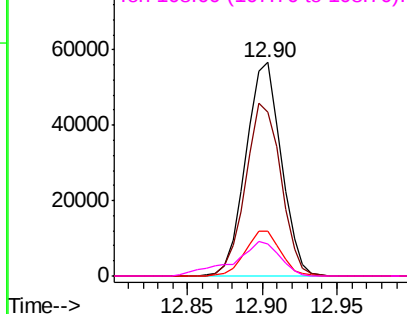
Delta R.T. 0.00 min

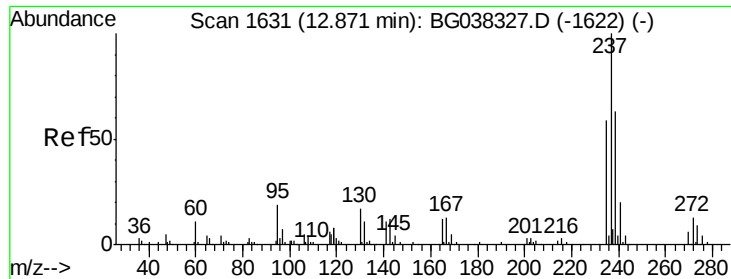
Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

Tgt Ion:	216	Resp:	92705
Ion Ratio	Lower	Upper	
216	100		
214	80.7	63.8	95.6
179	20.7	17.4	26.0
108	20.8	13.9	20.9

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.337 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

Instrument :

BNA_G

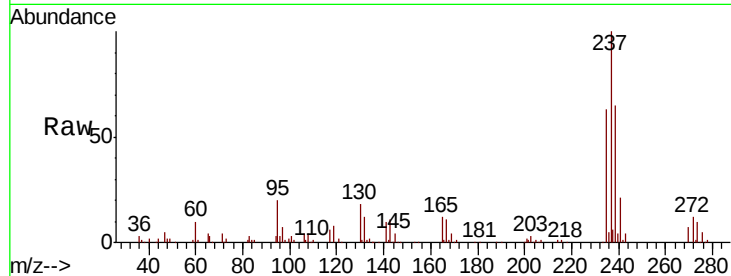
ClientSampleId :

PB115253BS

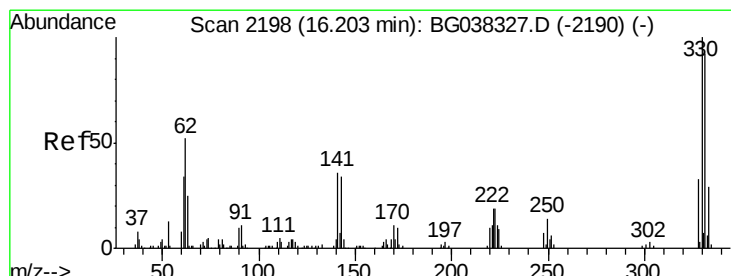
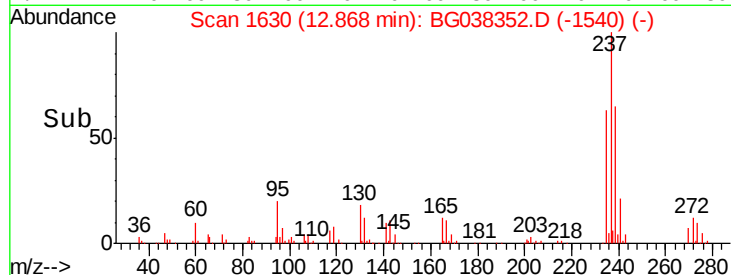
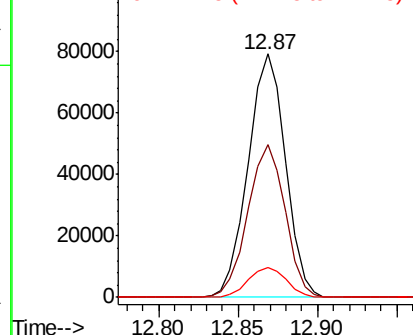
Tot Ion:	237	Resp:	129892
Ion Ratio	Lower	Upper	
237	100		
235	62.6	42.5	82.5
272	12.1	0.0	31.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 101.319 ng

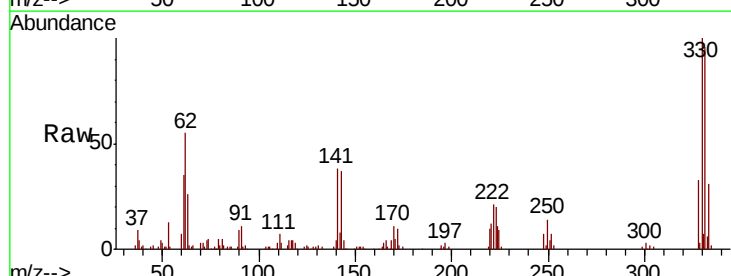
RT: 16.20 min Scan# 2197

Delta R.T. -0.00 min

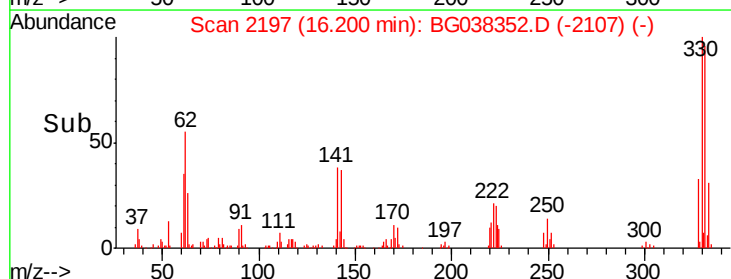
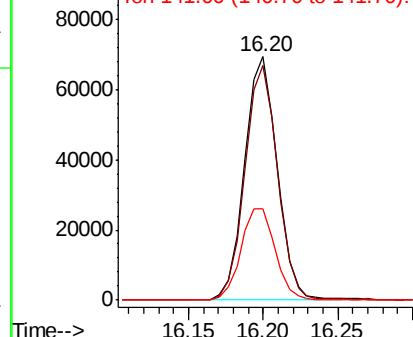
Lab File: BG038352.D

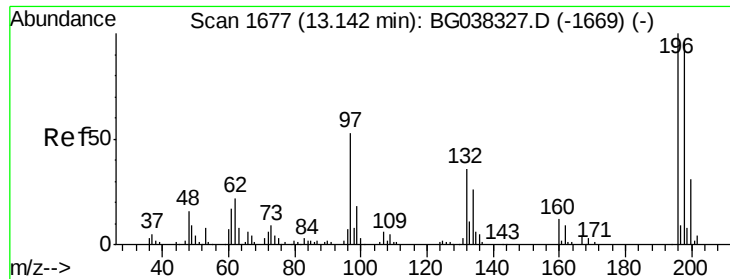
Acq: 5 Dec 2018 9:44

Tgt Ion:	330	Resp:	105043
Ion Ratio	Lower	Upper	
330	100		
332	96.1	78.4	117.6
141	39.7	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





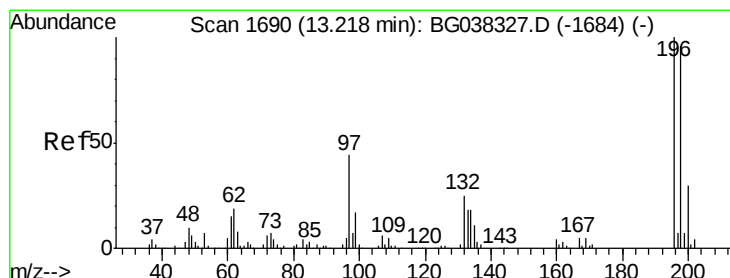
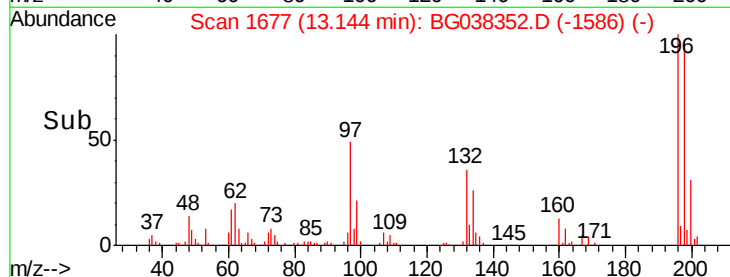
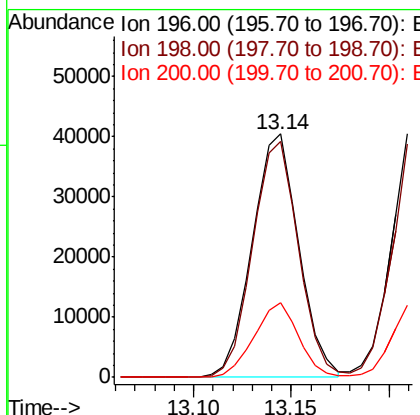
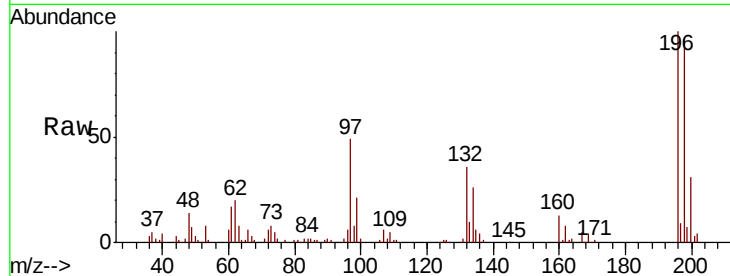
#43
 2,4,6-Trichlorophenol
 Concen: 35.324 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BG038352.D
 Acq: 5 Dec 2018 9:44

Instrument :
 BNA_G
 ClientSampled :
 PB115253BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.4	114.6
200	30.9	24.9	37.3

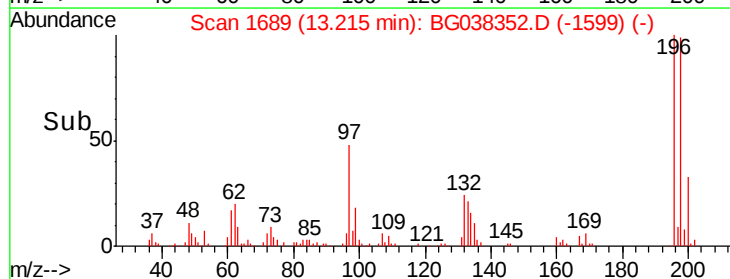
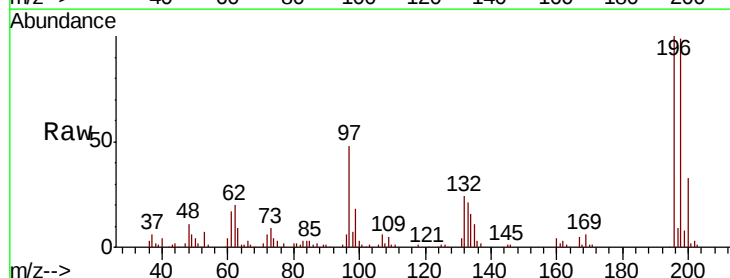
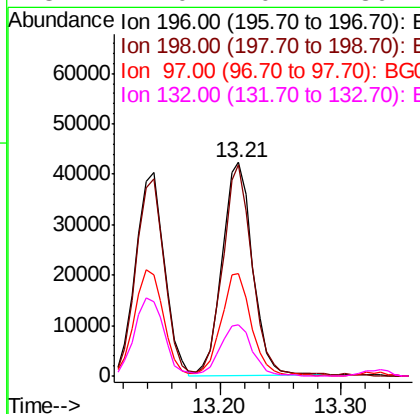
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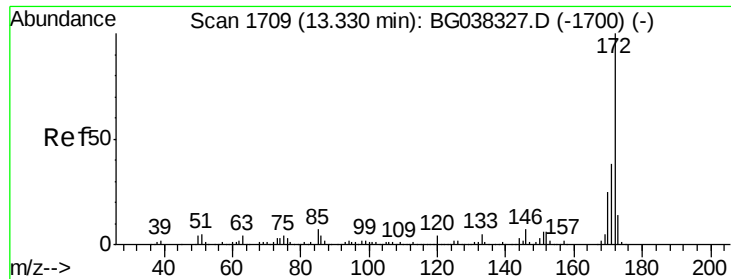
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#44
 2,4,5-Trichlorophenol
 Concen: 36.915 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG038352.D
 Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.7	74.2	111.2
97	47.9	34.1	51.1
132	24.0	20.2	30.4





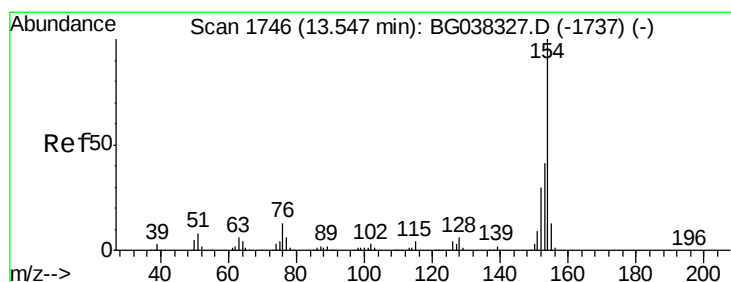
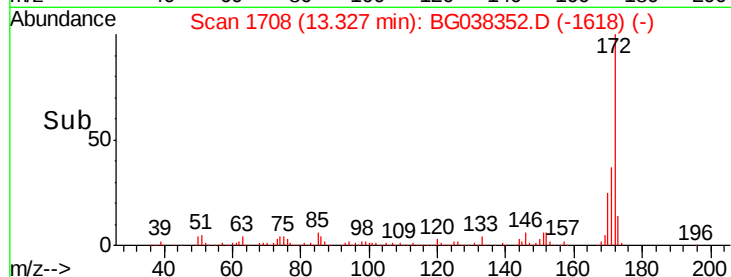
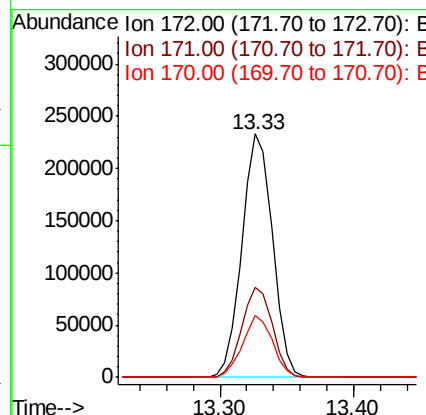
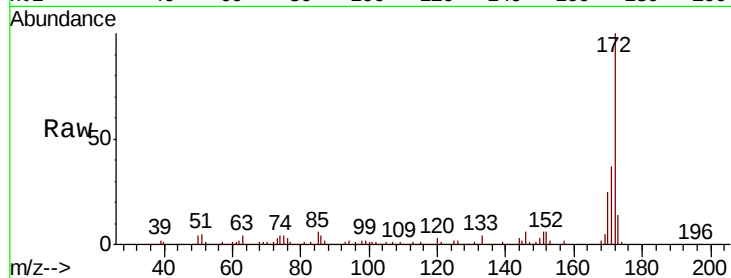
#45
2-Fluorobiphenyl
Concen: 62.181 ng
RT: 13.33 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.0	46.4
170	25.2	20.2	30.2

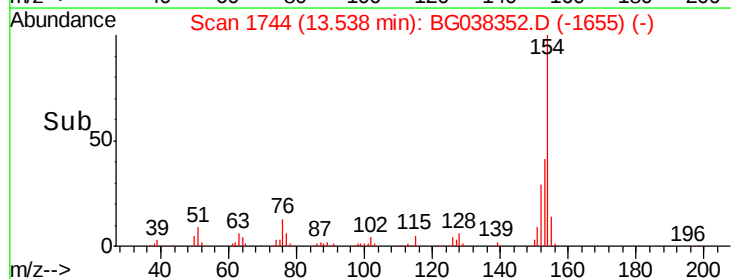
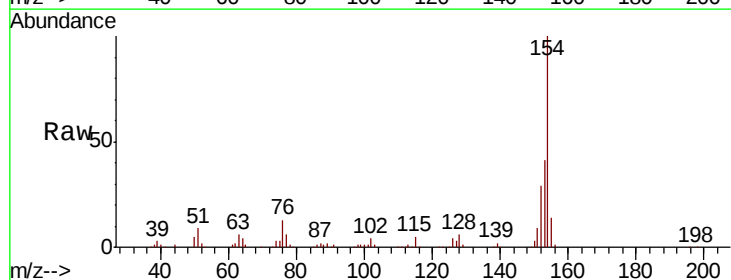
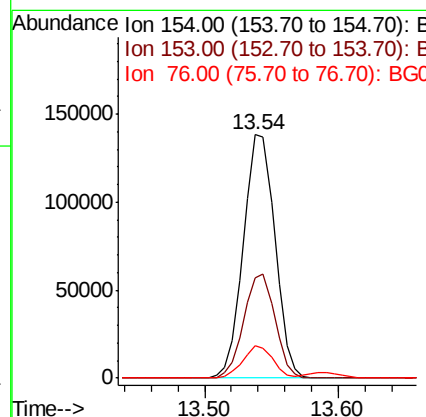
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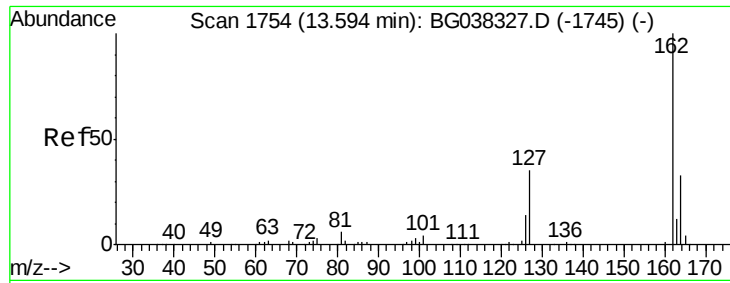
mohammad
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#46
1,1'-Biphenyl
Concen: 31.622 ng
RT: 13.54 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.1	62.1
76	13.1	0.0	33.2





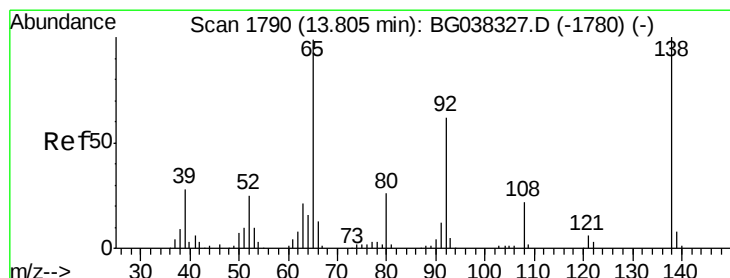
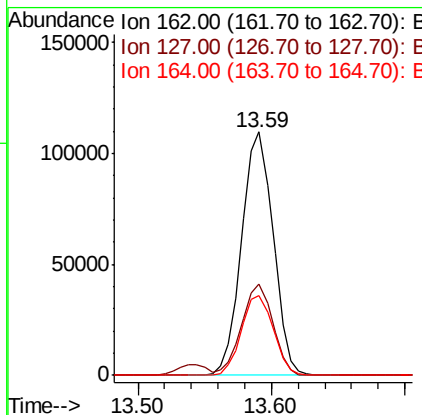
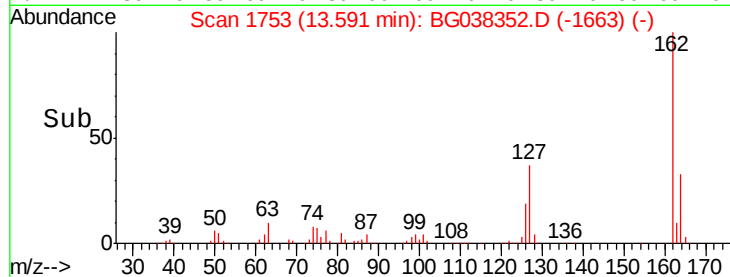
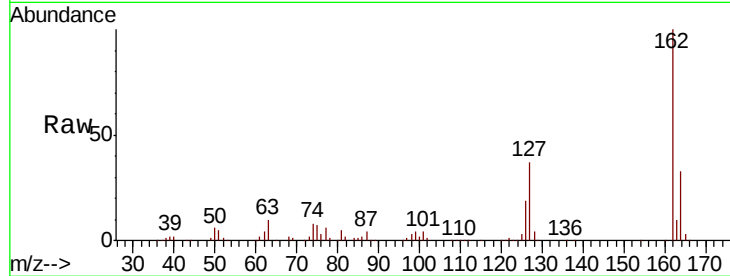
#47
 2-Chloronaphthalene
 Concen: 33.258 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG038352.D
 Acq: 5 Dec 2018 9:44

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	179153		
127	37.4	30.5	45.7	
164	32.6	26.4	39.6	

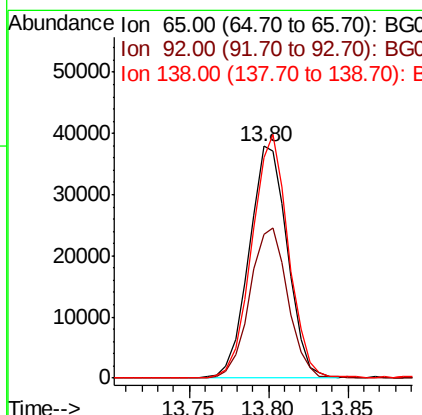
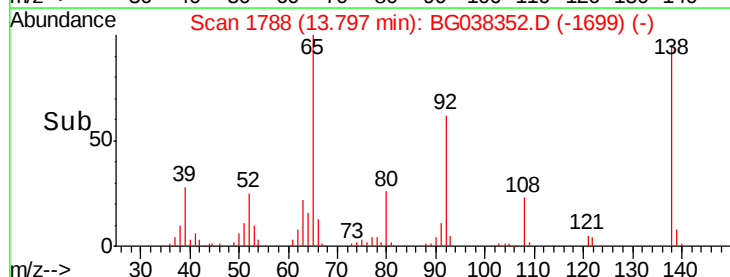
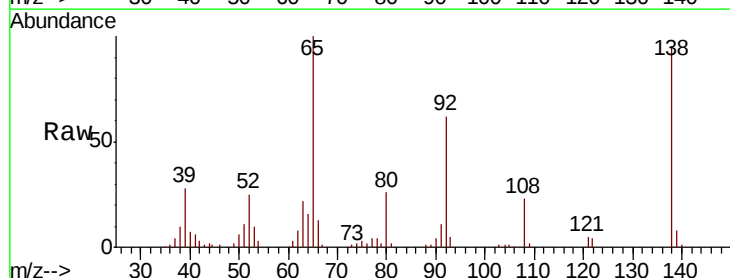
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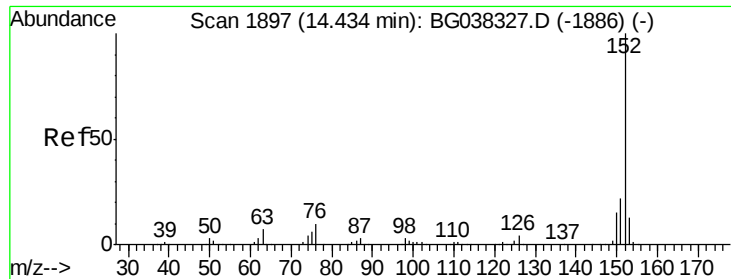
mohammad
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#48
 2-Nitroaniline
 Concen: 35.207 ng
 RT: 13.80 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG038352.D
 Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	63626		
92	61.9	53.2	79.8	
138	95.0	79.3	118.9	





#49

Acenaphthylene

Concen: 36.932 ng

RT: 14.43 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

Instrument :

BNA_G

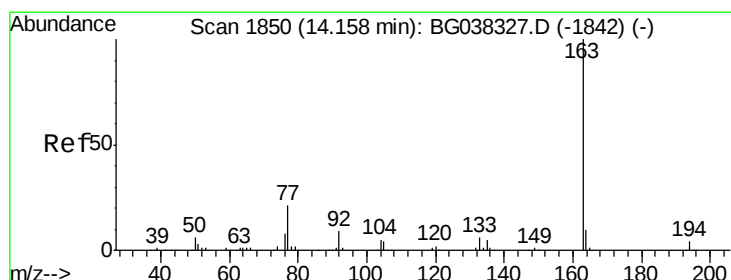
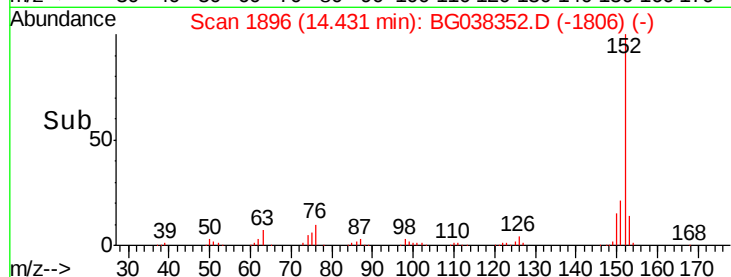
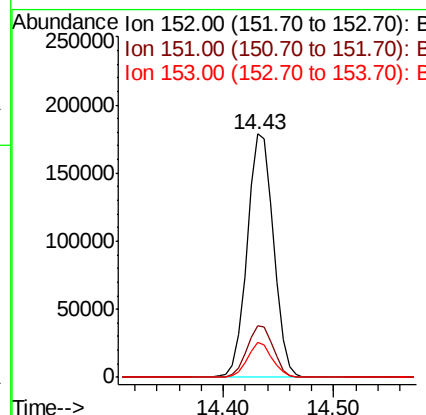
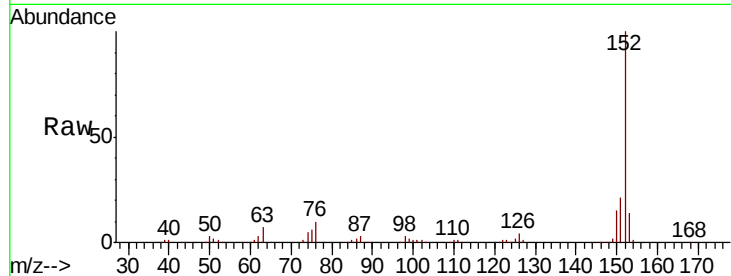
ClientSampleId :

PB115253BS

Tot Ion:	152	Resp:	299628
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.1	25.7
153	14.2	11.1	16.7

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#50

Dimethylphthalate

Concen: 36.336 ng

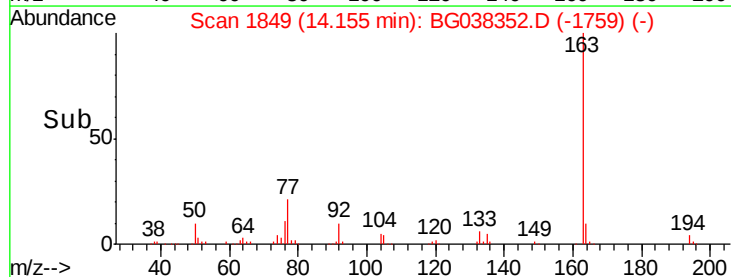
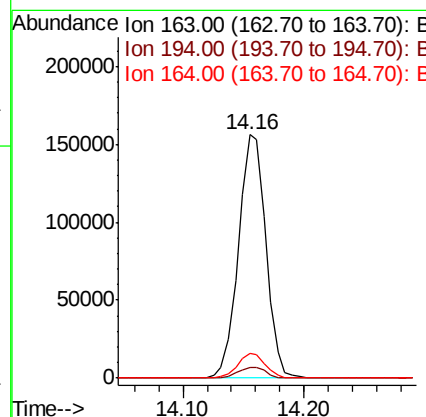
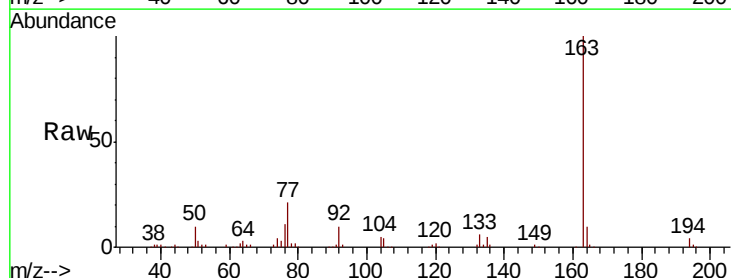
RT: 14.16 min Scan# 1849

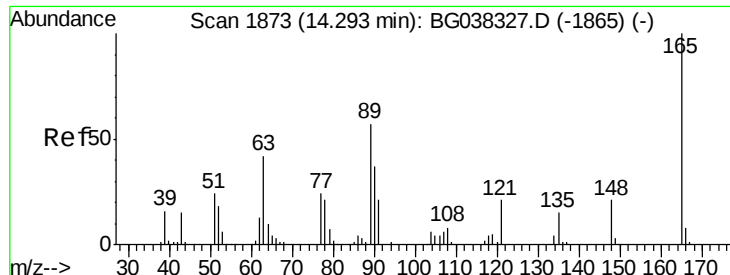
Delta R.T. -0.00 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

Tgt Ion:	163	Resp:	246135
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	9.9	8.5	12.7





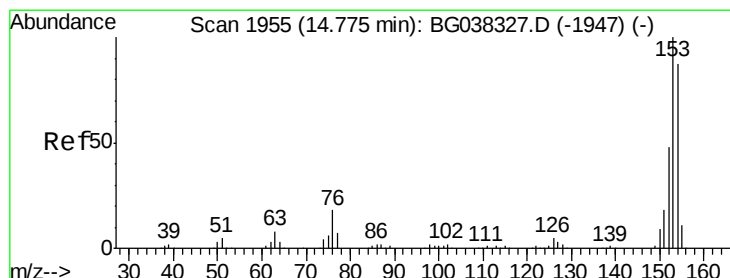
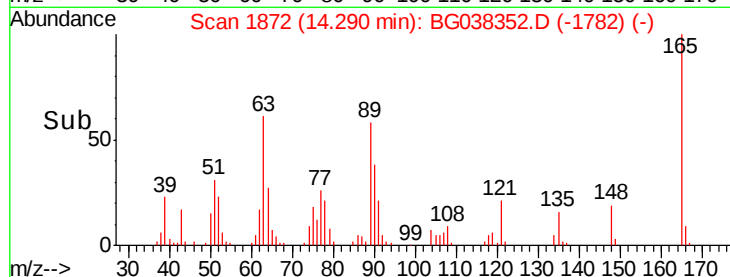
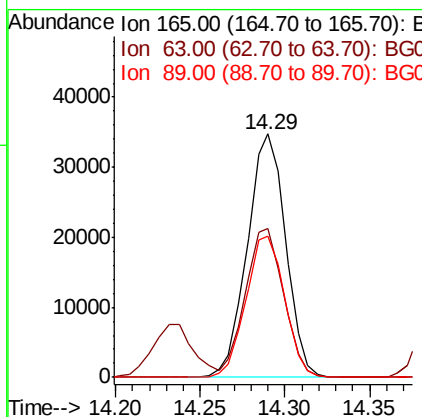
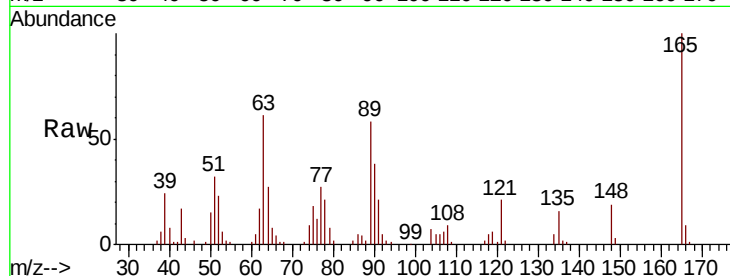
#51
 2,6-Dinitrotoluene
 Concen: 35.396 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG038352.D
 Acq: 5 Dec 2018 9:44

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.1	43.4	65.2
89	57.9	45.8	68.6

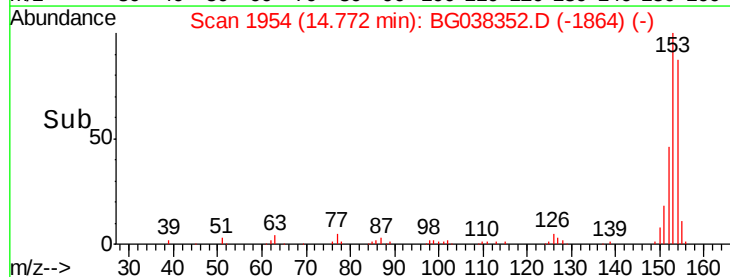
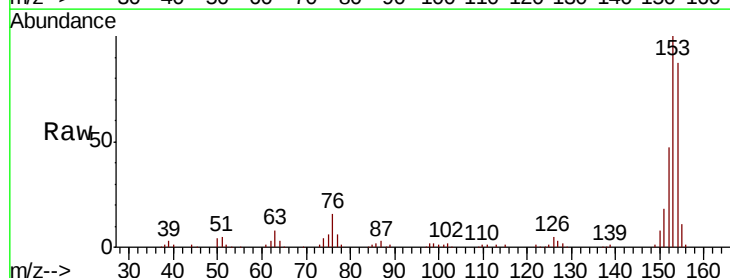
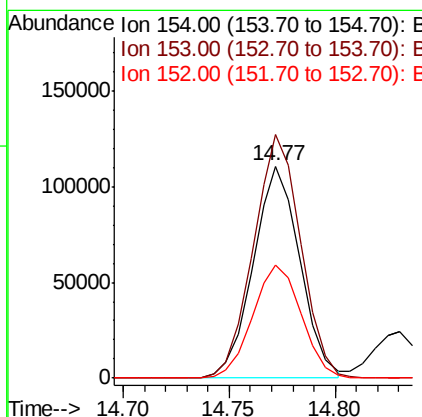
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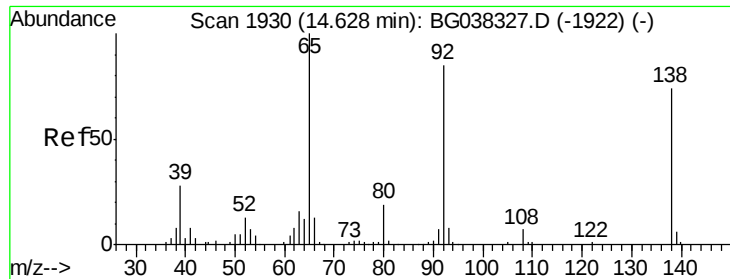
mohammad
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#52
 Acenaphthene
 Concen: 34.377 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG038352.D
 Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.7	93.4	140.0
152	53.5	44.7	67.1





#53

3-Nitroaniline

Concen: 10.720 ng

RT: 14.63 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

Instrument :

BNA_G

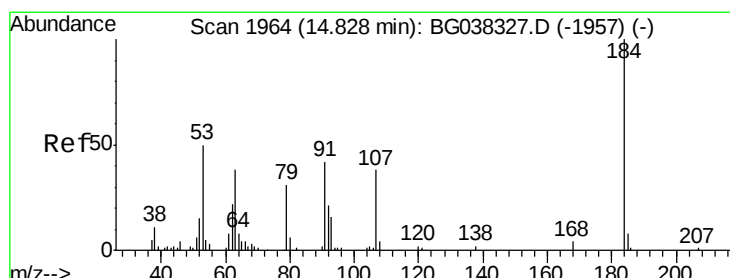
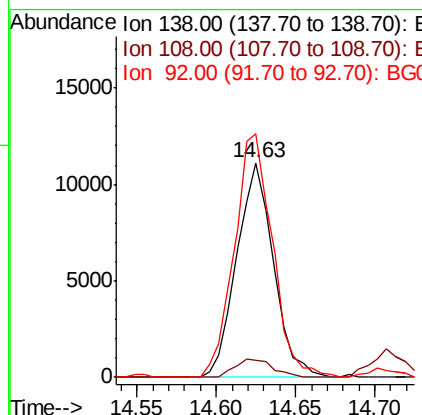
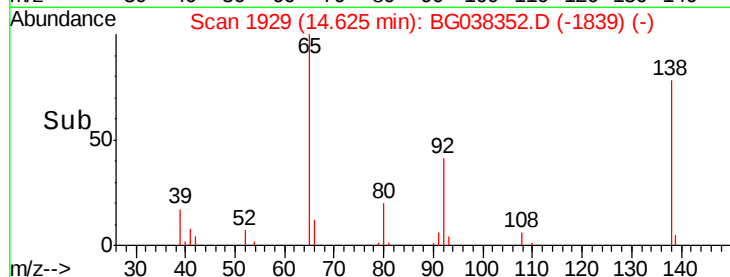
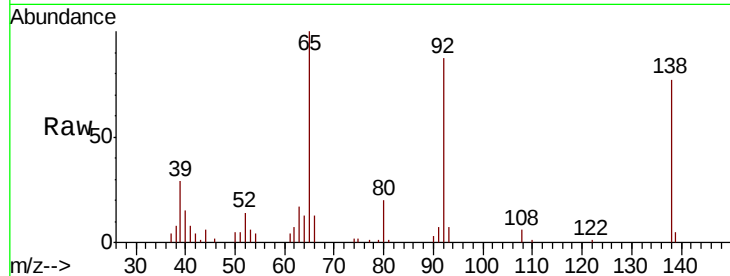
ClientSampleId :

PB115253BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.0	11.0	16.6#
92	113.4	95.2	142.8

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#54

2,4-Dinitrophenol

Concen: 72.732 ng

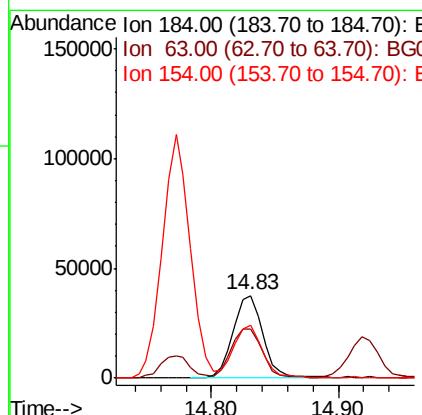
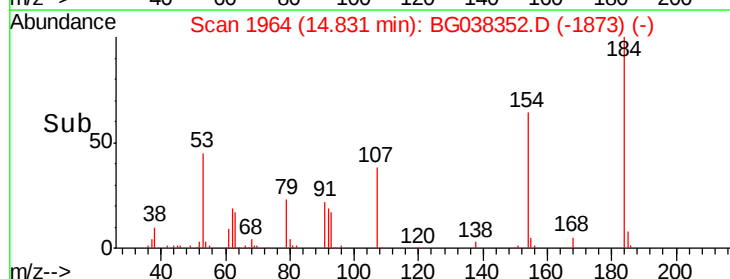
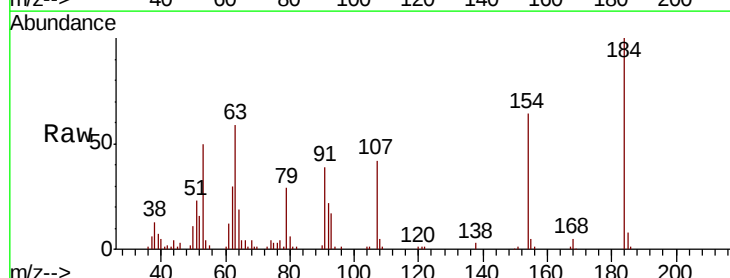
RT: 14.83 min Scan# 1964

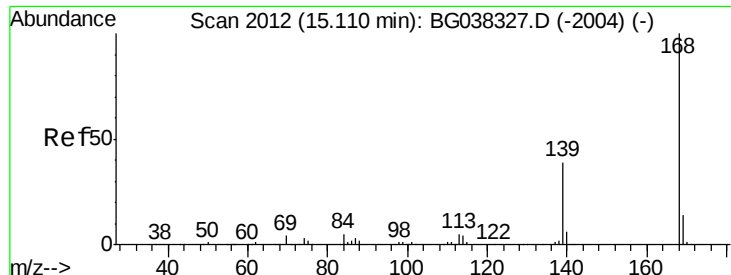
Delta R.T. 0.00 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.9	42.6	63.8
154	64.2	41.8	62.6#





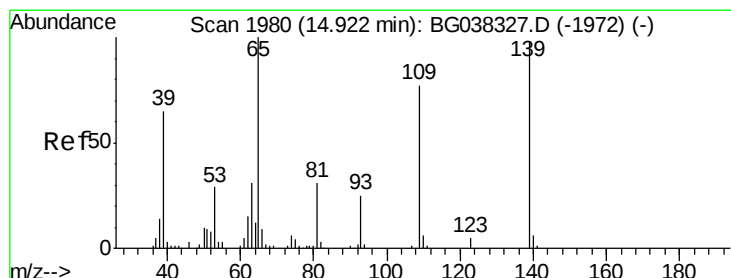
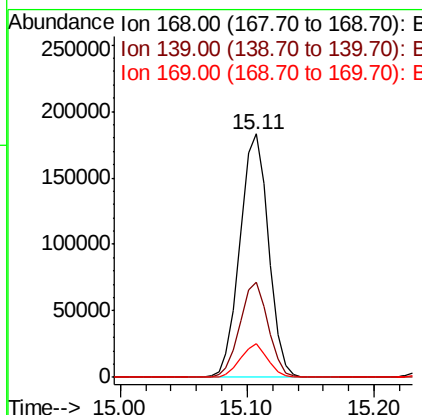
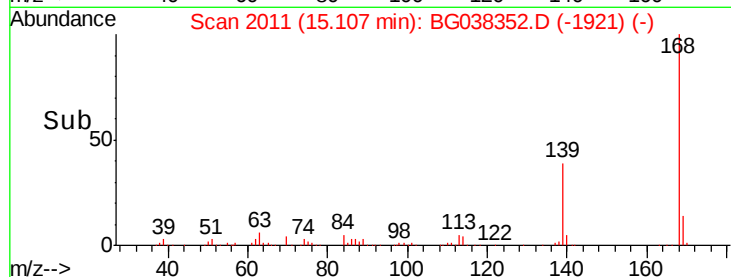
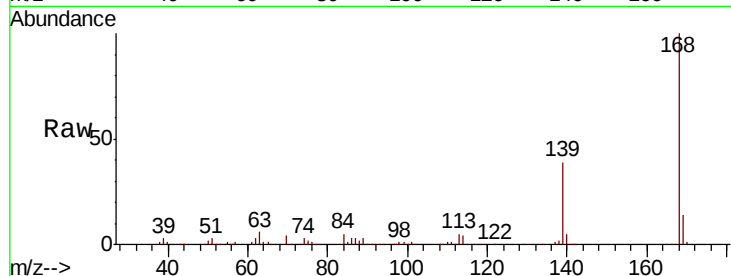
#55
Dibenzenofuran
Concen: 34.904 ng
RT: 15.11 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion:168	Resp: 285393
Ion Ratio Lower Upper	
168 100	
139 39.0	29.4 44.0
169 13.7	11.0 16.6

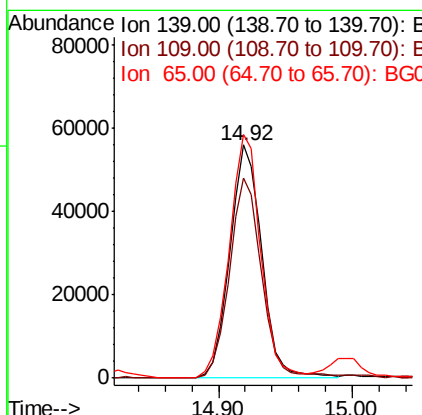
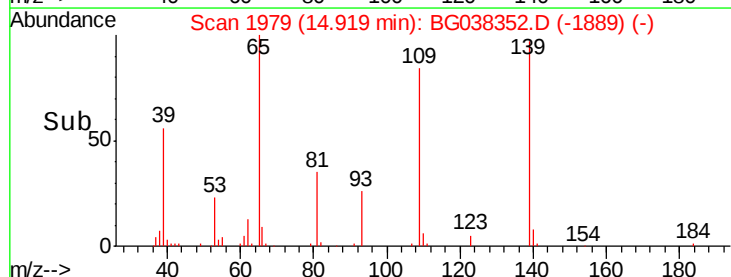
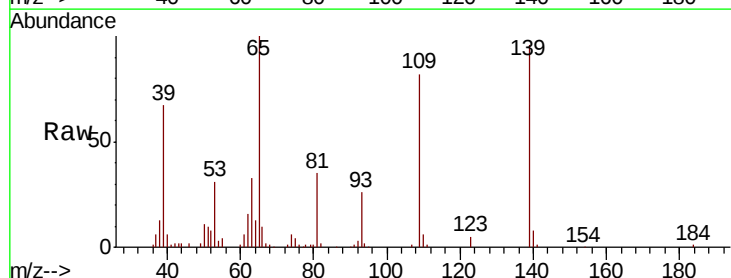
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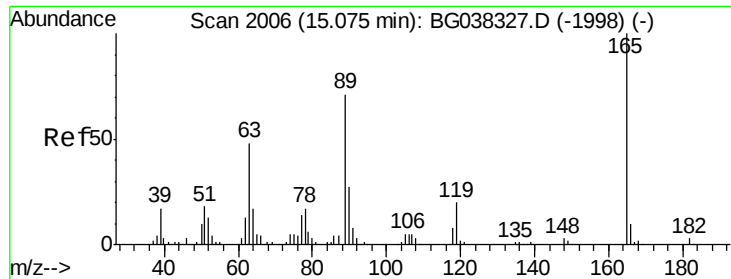
mohammad
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#56
4-Nitrophenol
Concen: 70.830 ng
RT: 14.92 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Tgt Ion:139	Resp: 93241
Ion Ratio Lower Upper	
139 100	
109 85.9	49.5 89.5
65 104.6	76.8 116.8





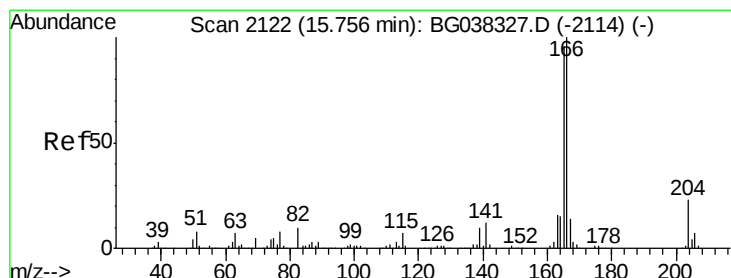
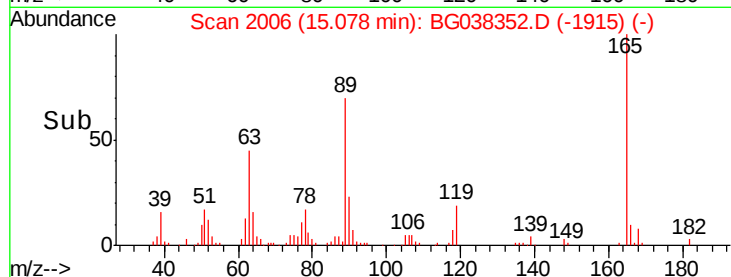
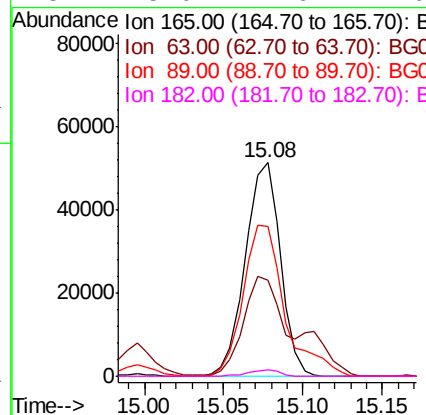
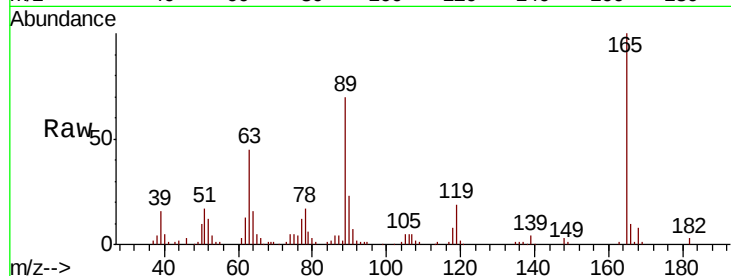
#57
2,4-Dinitrotoluene
Concen: 36.990 ng
RT: 15.08 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		78942		
63	45.0		33.4	50.0	
89	70.4		57.2	85.8	
182	3.0		2.6	4.0	

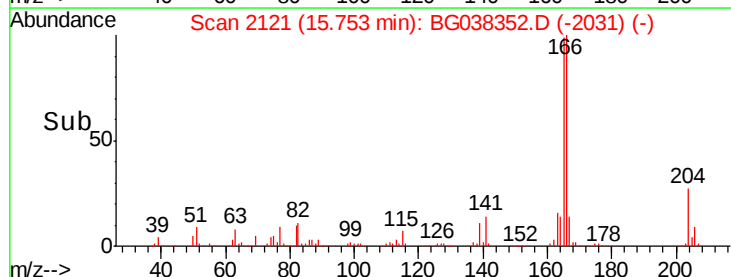
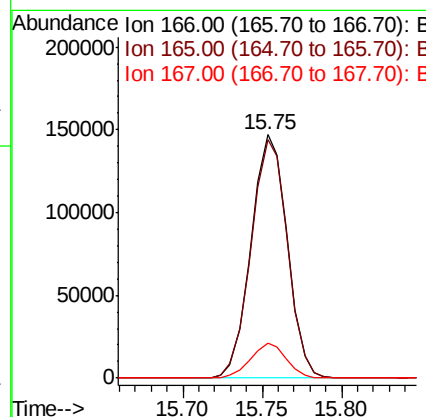
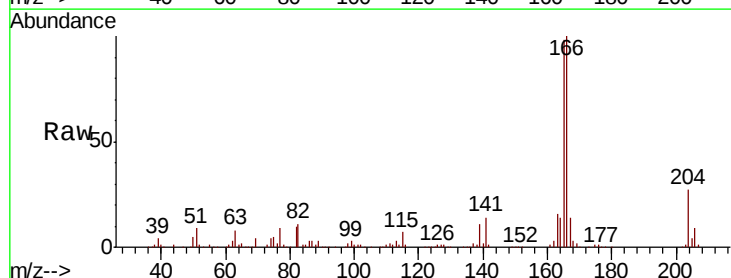
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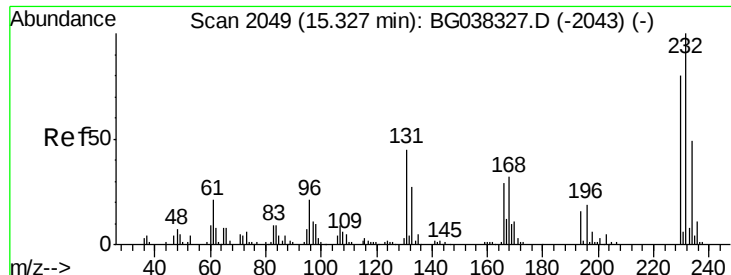
mohammad
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#58
Fluorene
Concen: 38.657 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		232871		
165	98.1		79.0	118.6	
167	14.1		11.3	16.9	





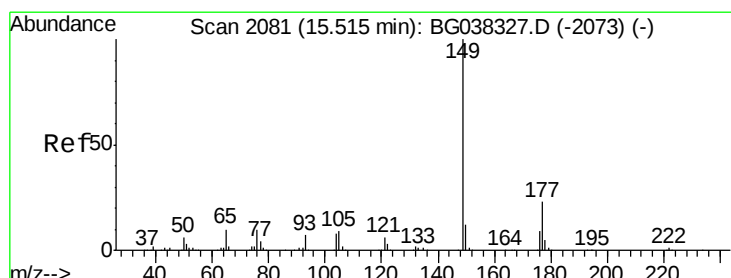
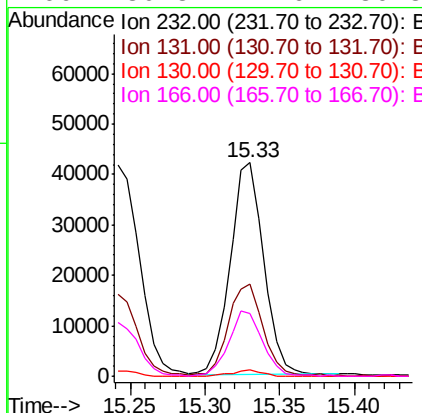
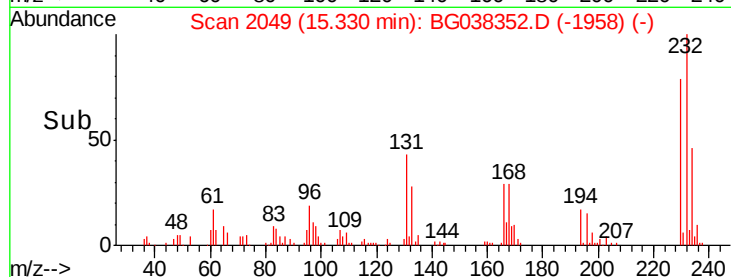
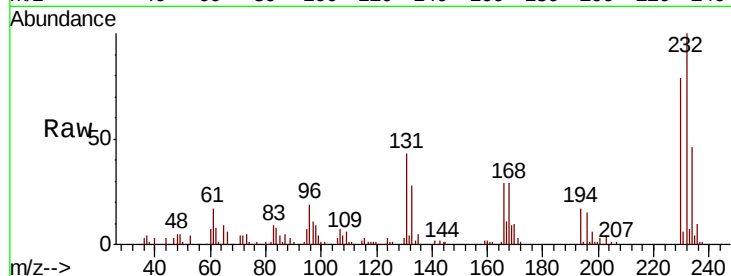
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.259 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BG038352.D
 Acq: 5 Dec 2018 9:44

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tot Ion:	232	Resp:	66266
Ion Ratio	Lower	Upper	
232	100		
131	45.6	33.7	50.5
130	2.5	2.1	3.1
166	30.8	24.6	36.8

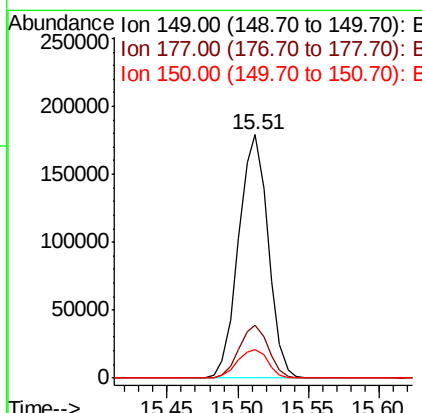
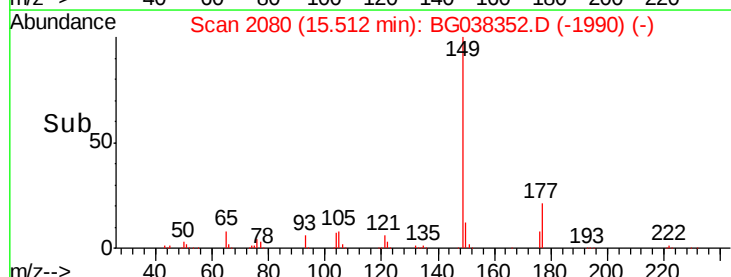
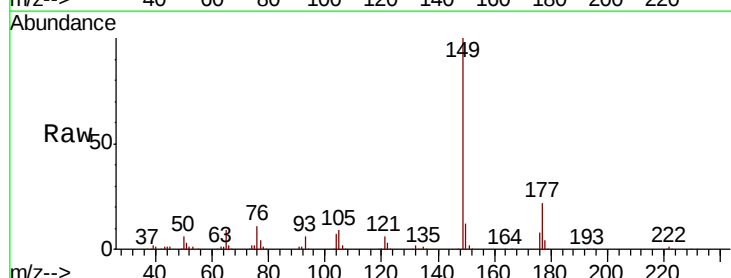
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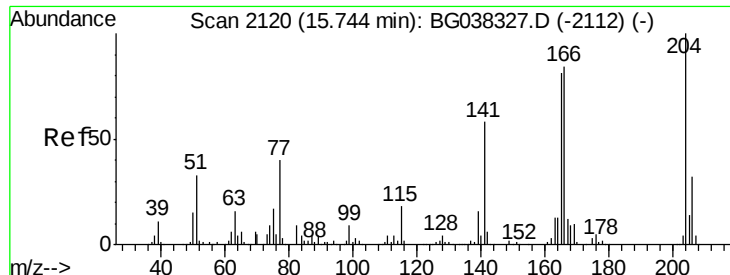
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#60
 Diethylphthalate
 Concen: 34.823 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG038352.D
 Acq: 5 Dec 2018 9:44

Tgt Ion:	149	Resp:	261327
Ion Ratio	Lower	Upper	
149	100		
177	21.5	18.3	27.5
150	11.8	10.0	15.0





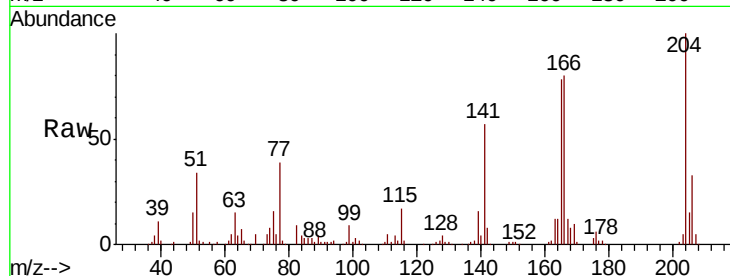
#61
4-Chlorophenyl-phenylether
Concen: 34.399 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	39.8
141	56.7	45.4	68.2

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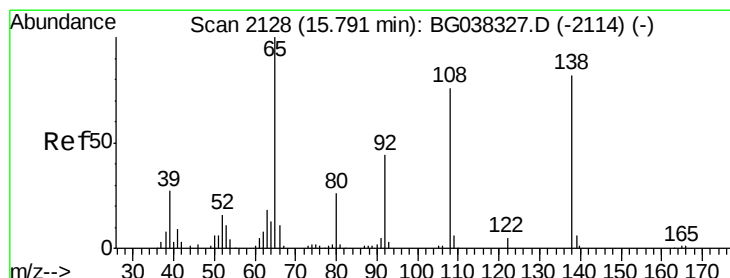
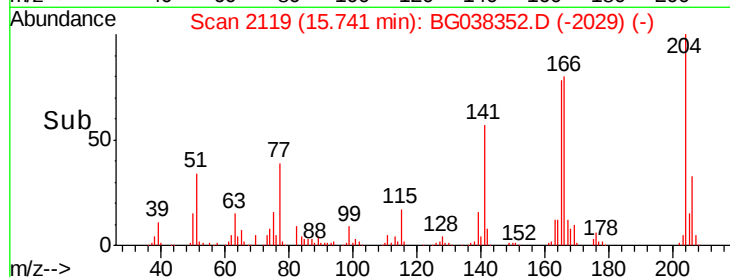
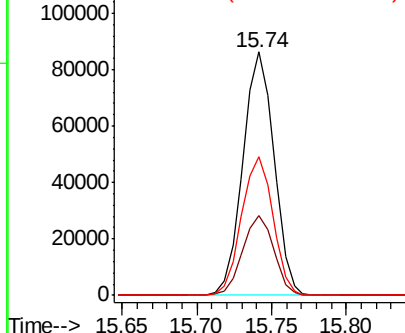


Abundance

Ion 204.00 (203.70 to 204.70): E

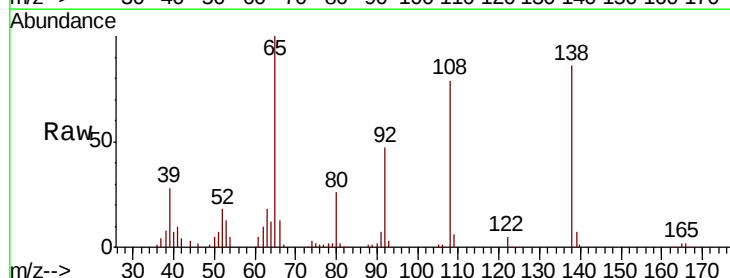
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 34.979 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.4	36.4	76.4
108	92.2	60.1	100.1

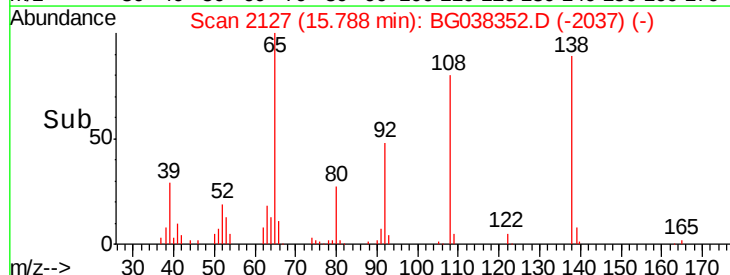
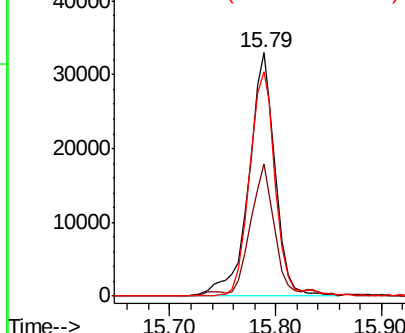


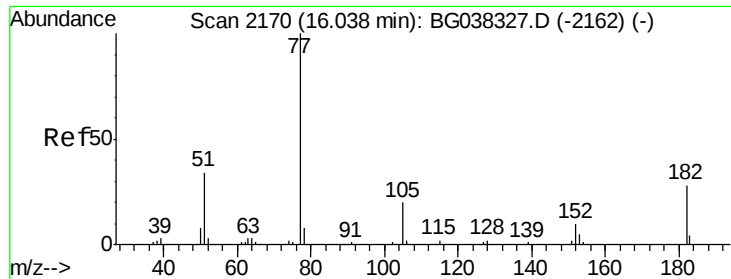
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





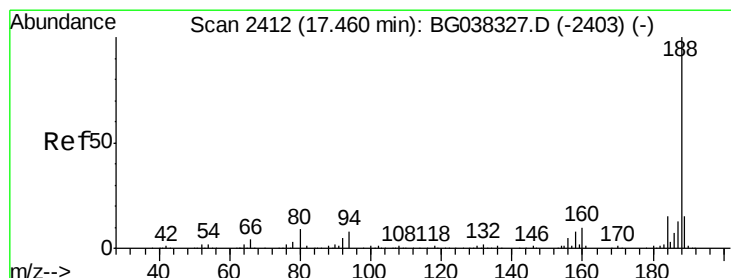
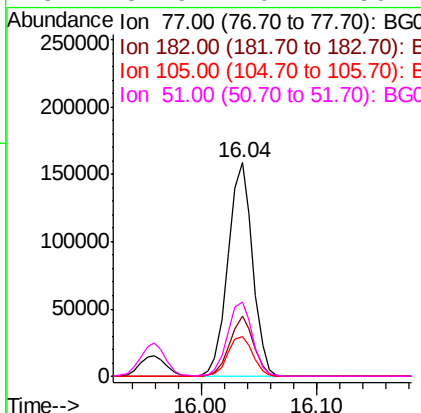
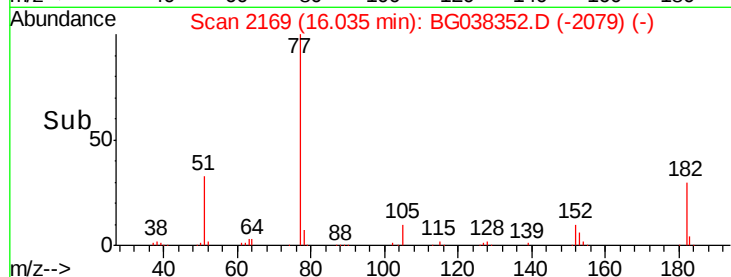
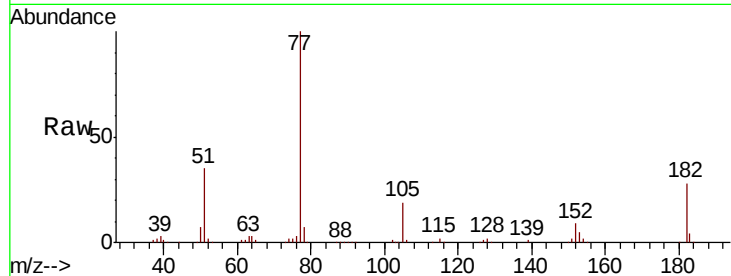
#63
Azobenzene
Concen: 35.480 ng
RT: 16.04 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion:	77	Resp:	233027
Ion Ratio	Lower	Upper	
77	100		
182	28.0	8.0	48.0
105	18.9	1.3	41.3
51	34.6	10.7	50.7

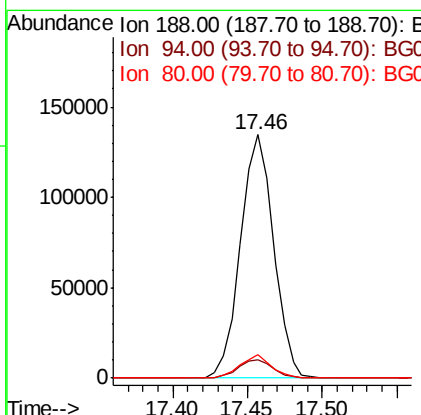
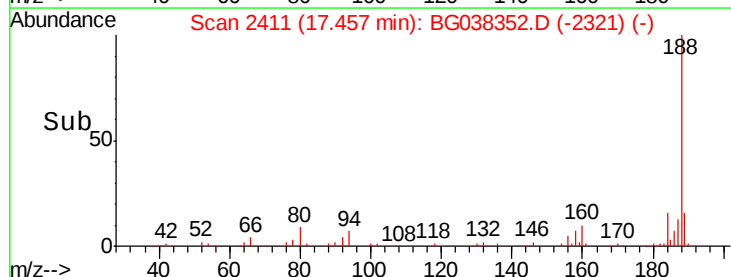
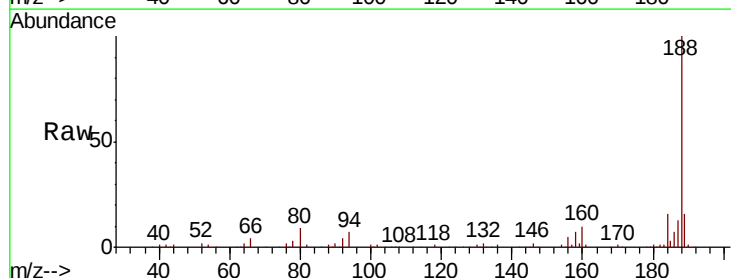
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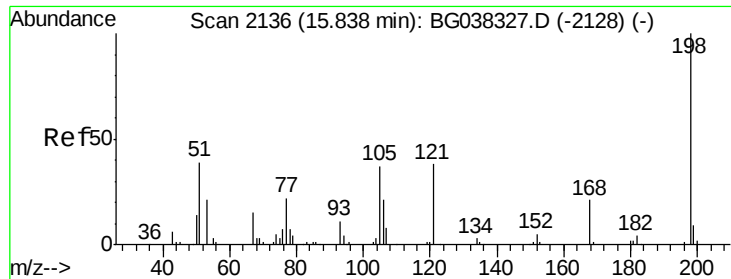
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Tgt Ion:	188	Resp:	207164
Ion Ratio	Lower	Upper	
188	100		
94	7.4	7.2	10.8
80	9.5	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 32.839 ng

RT: 15.84 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

Instrument :

BNA_G

ClientSampleId :

PB115253BS

Tot Ion:198 Resp: 44574

Ion Ratio Lower Upper

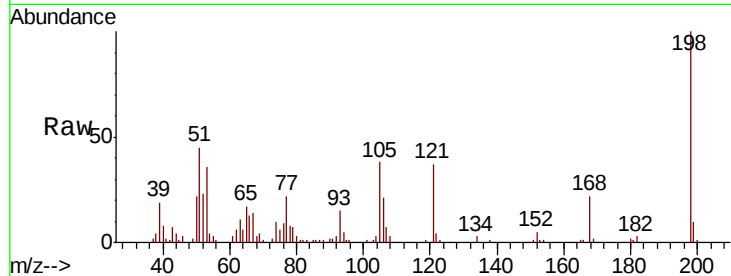
198 100

51 44.8 22.7 62.7

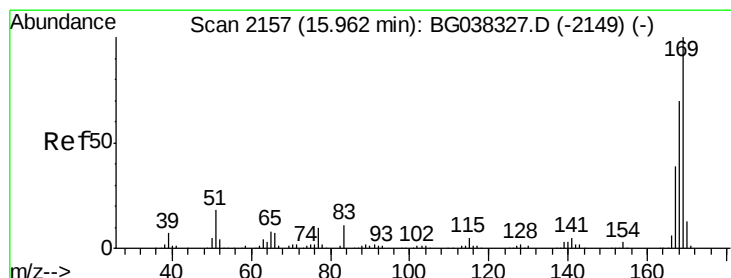
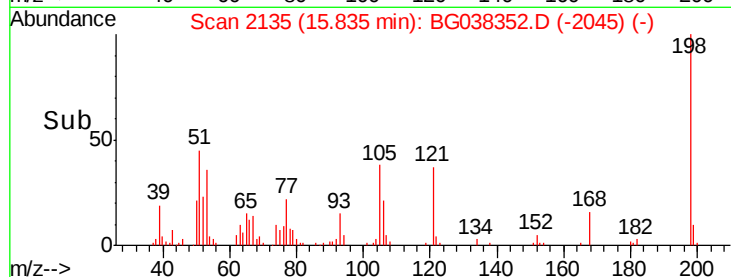
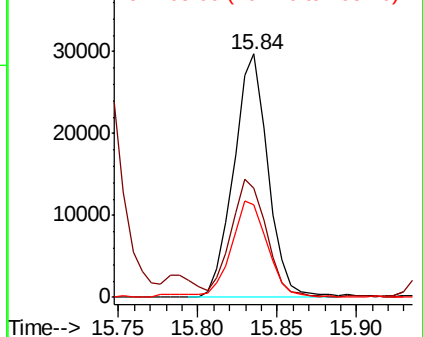
105 38.2 19.7 59.7

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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: 36.955 ng

RT: 15.96 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

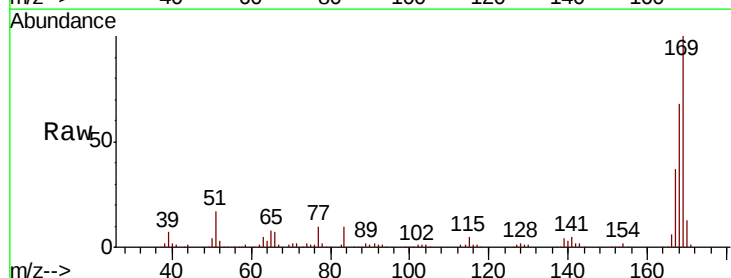
Tgt Ion:169 Resp: 215285

Ion Ratio Lower Upper

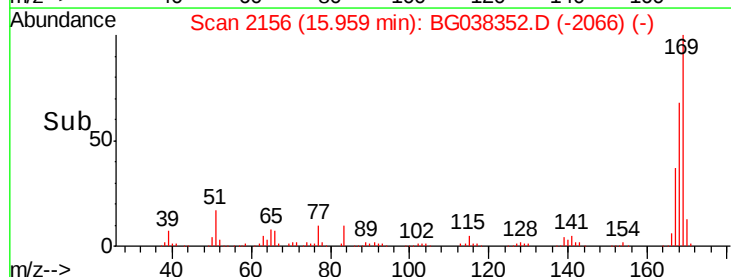
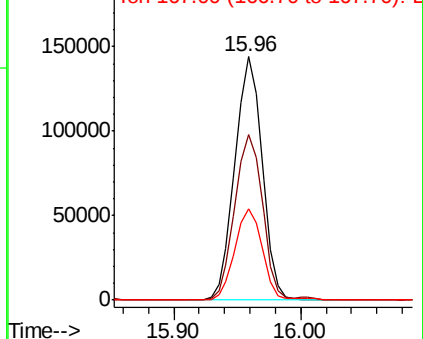
169 100

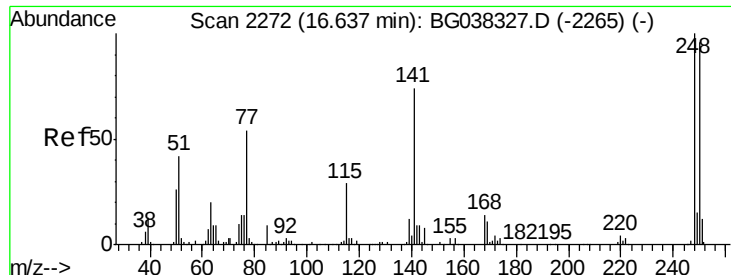
168 67.9 55.7 83.5

167 37.3 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: 36.440 ng

RT: 16.63 min Scan# 2271

Delta R.T. -0.00 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

Instrument :

BNA_G

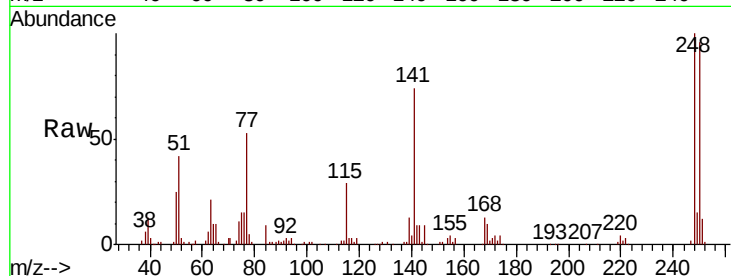
ClientSampleId :

PB115253BS

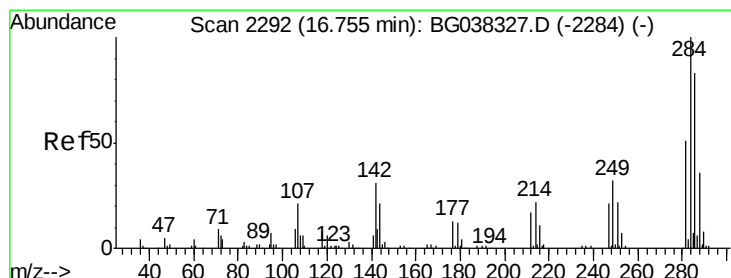
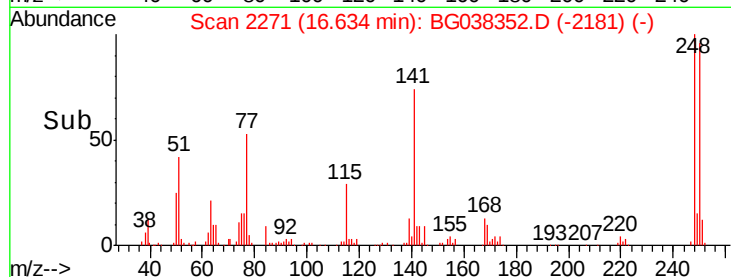
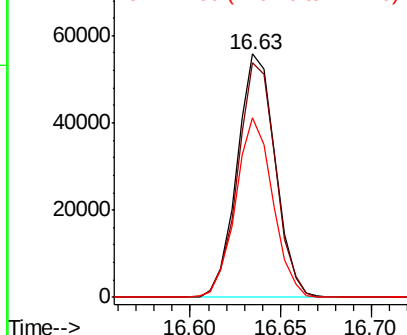
Tot Ion:	248	Resp:	81522
Ion Ratio	Lower	Upper	
248	100		
250	96.1	77.0	115.6
141	73.8	55.5	83.3

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



#68

Hexachlorobenzene

Concen: 36.192 ng

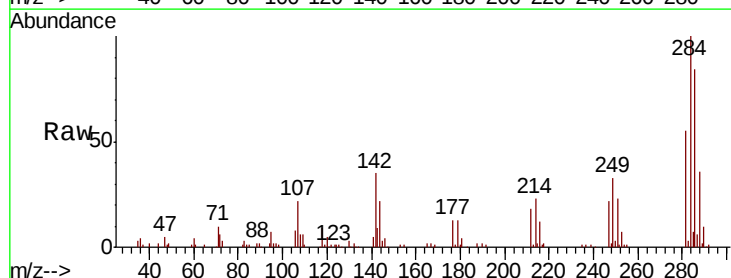
RT: 16.75 min Scan# 2291

Delta R.T. -0.00 min

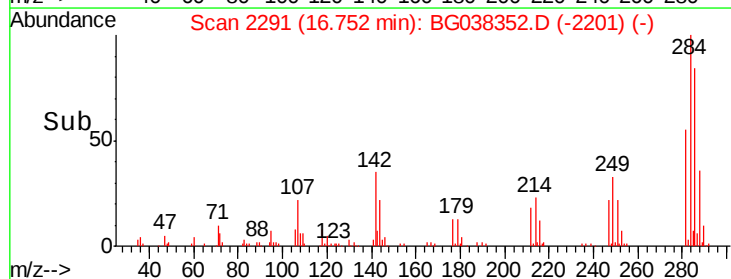
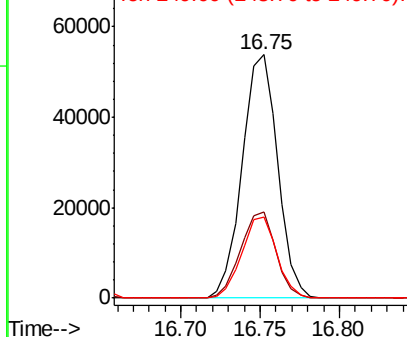
Lab File: BG038352.D

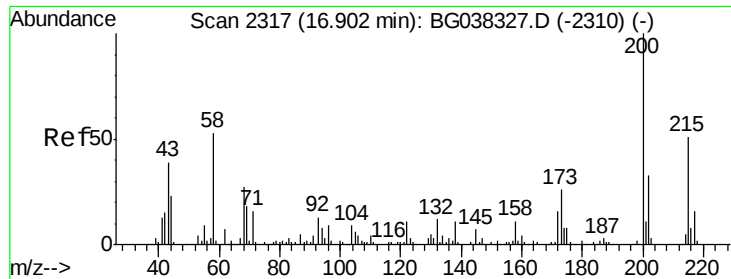
Acq: 5 Dec 2018 9:44

Tgt Ion:	284	Resp:	83514
Ion Ratio	Lower	Upper	
284	100		
142	35.4	28.1	42.1
249	36.2	29.8	44.8



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





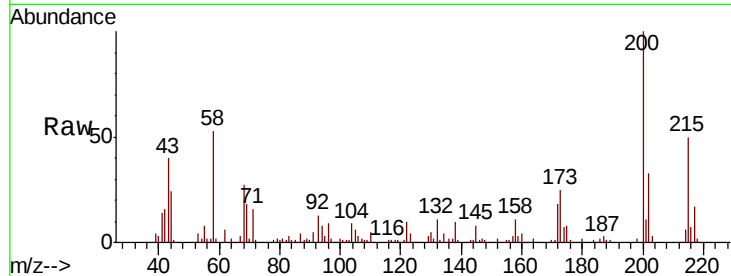
#69
 Atrazine
 Concen: 38.936 ng
 RT: 16.90 min Scan# 2316
 Delta R.T. -0.00 min
 Lab File: BG038352.D
 Acq: 5 Dec 2018 9:44

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	84637		
173	25.3	6.1	46.1	
215	50.2	30.8	70.8	

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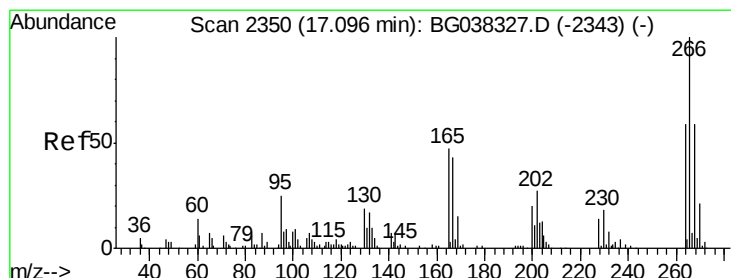
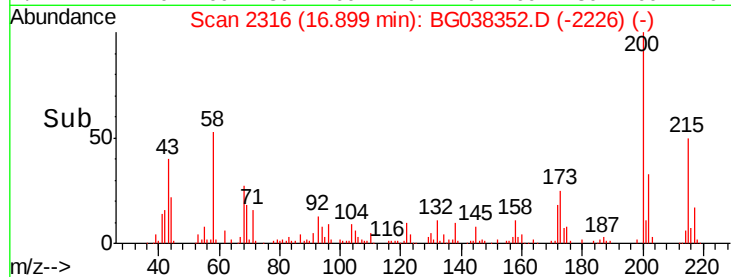
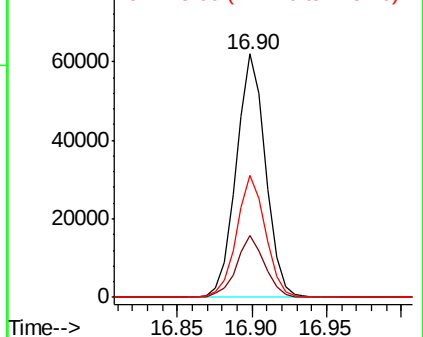


Abundance

Ion 200.00 (199.70 to 200.70): E

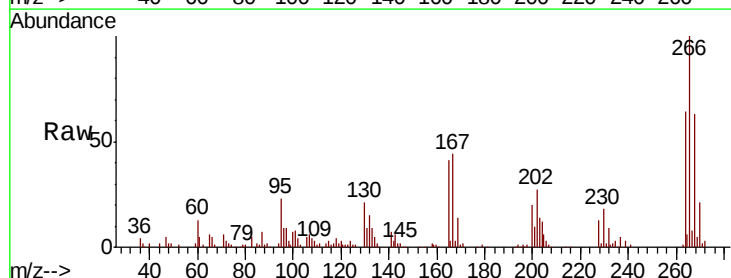
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 61.487 ng
 RT: 17.10 min Scan# 2350
 Delta R.T. 0.00 min
 Lab File: BG038352.D
 Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	97181		
268	67.6	55.0	82.6	
264	70.2	58.9	88.3	

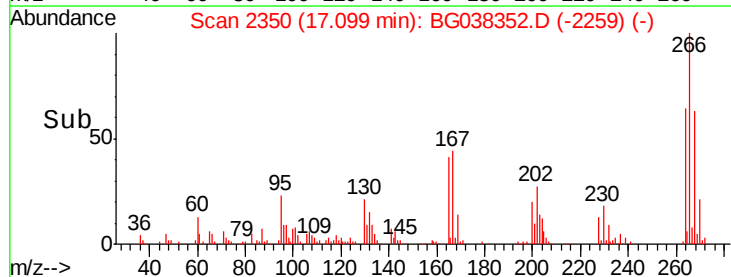
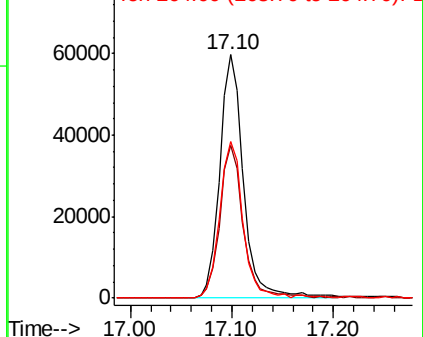


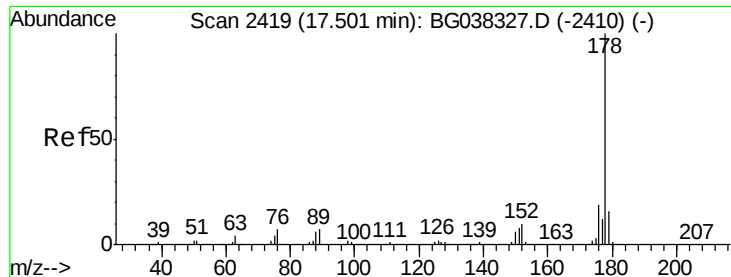
Abundance

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





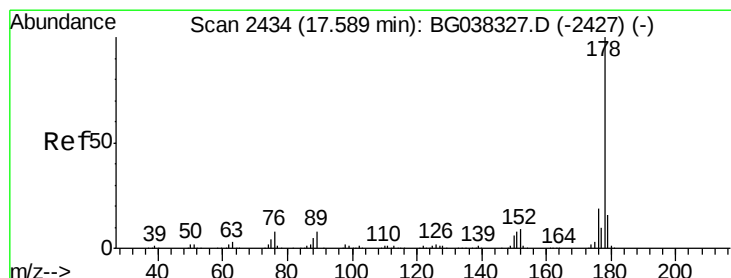
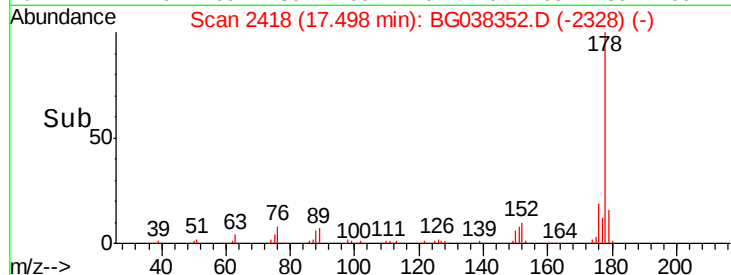
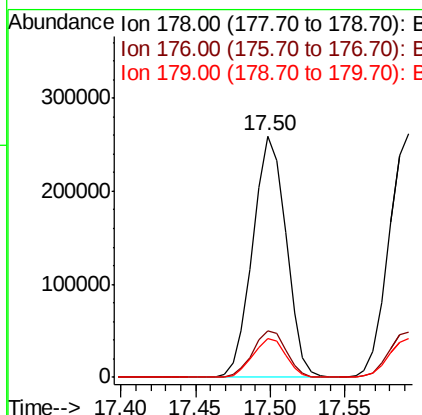
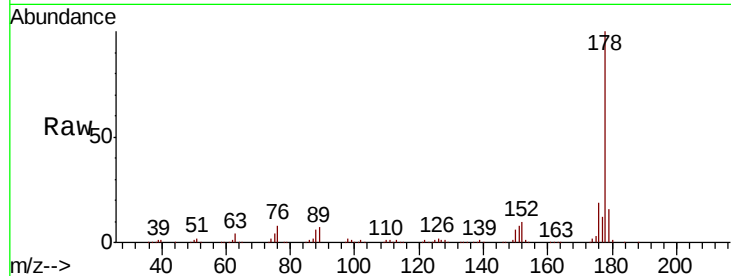
#71
Phenanthrene
Concen: 38.582 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.1	24.1
179	16.0	13.0	19.4

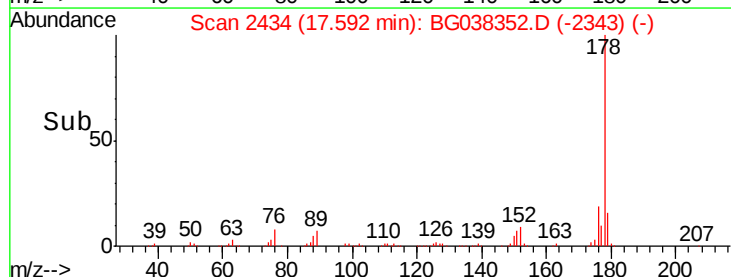
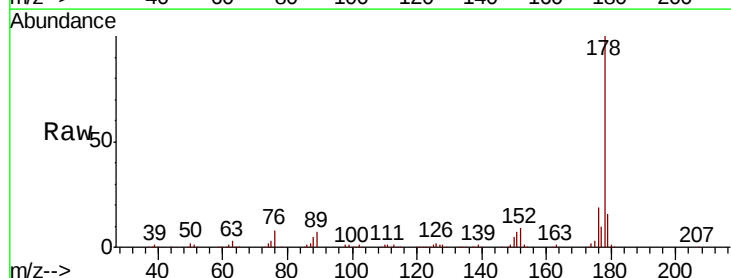
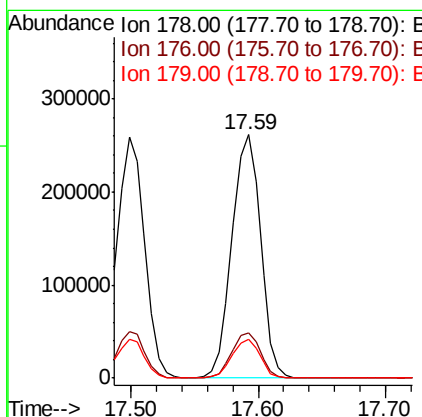
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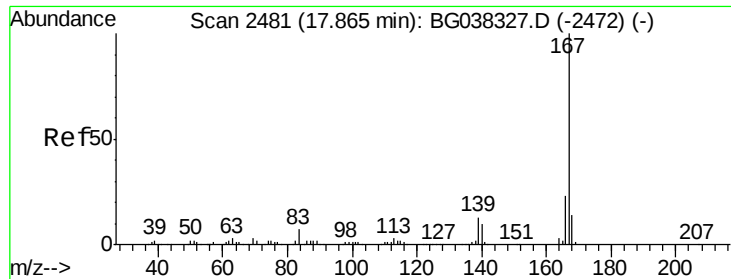
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#72
Anthracene
Concen: 40.628 ng
RT: 17.59 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.8	12.8	19.2





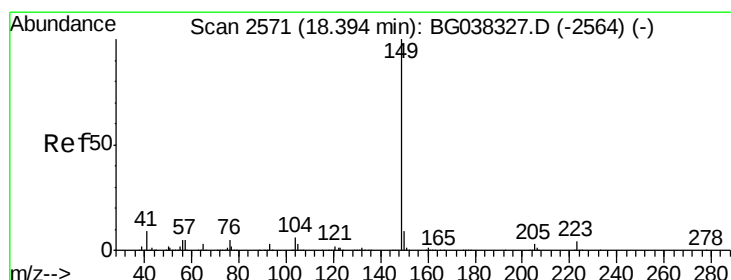
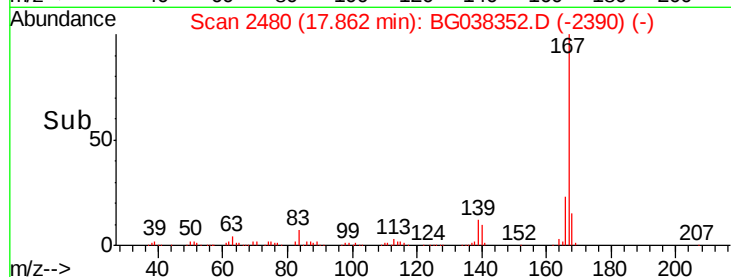
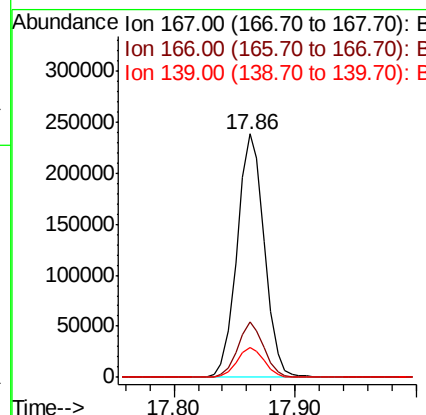
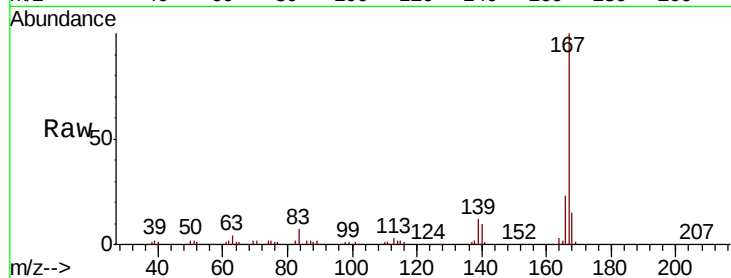
#73
 Carbazole
 Concen: 37.435 ng
 RT: 17.86 min Scan# 2480
 Delta R.T. -0.00 min
 Lab File: BG038352.D
 Acq: 5 Dec 2018 9:44

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.3	27.5
139	12.4	10.5	15.7

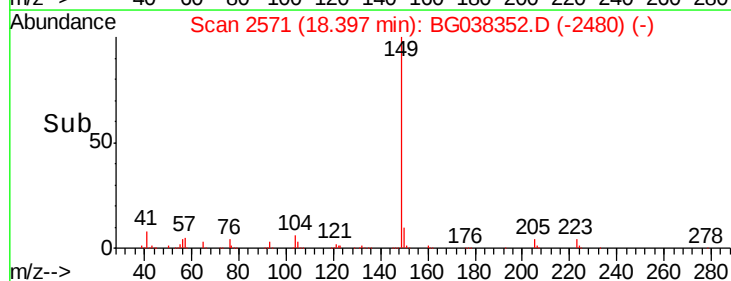
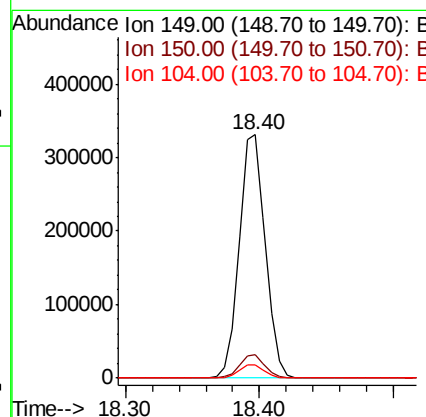
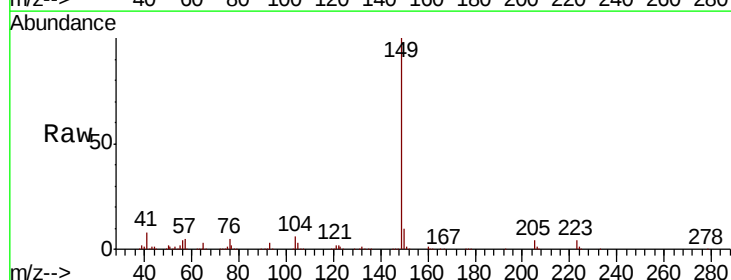
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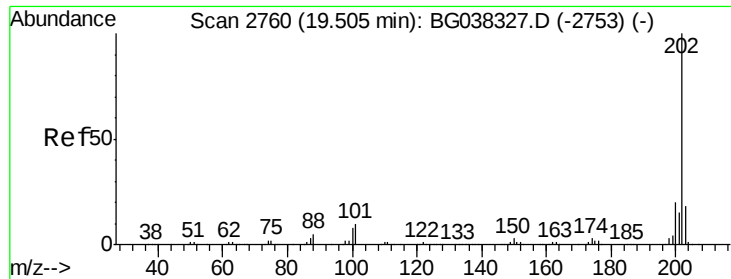
mohammad
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#74
 Di-n-butylphthalate
 Concen: 38.358 ng
 RT: 18.40 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BG038352.D
 Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	5.6	4.0	6.0





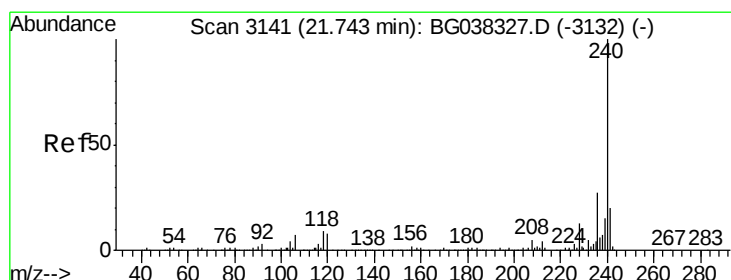
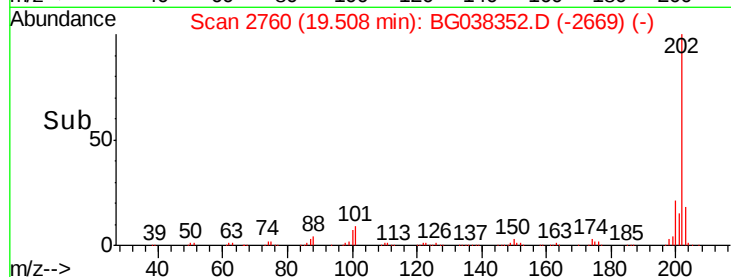
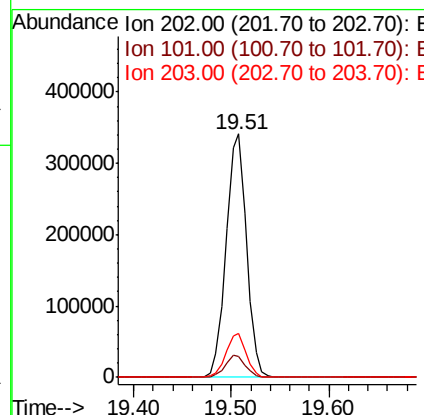
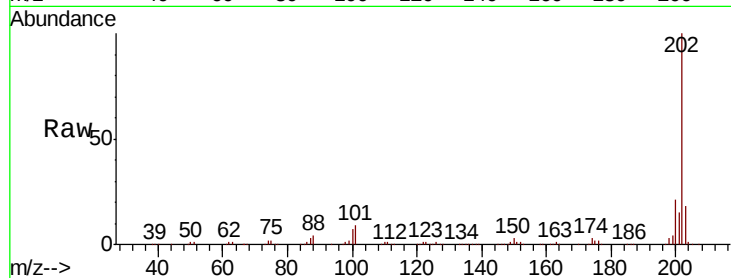
#75
 Fluoranthene
 Concen: 40.672 ng
 RT: 19.51 min Scan# 2760
 Delta R.T. 0.00 min
 Lab File: BG038352.D
 Acq: 5 Dec 2018 9:44

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.6	0.0	30.7
203	17.9	0.0	38.5

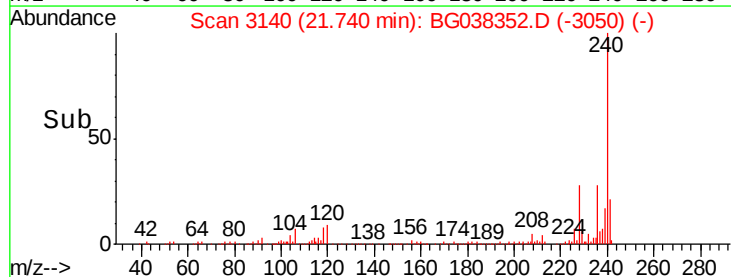
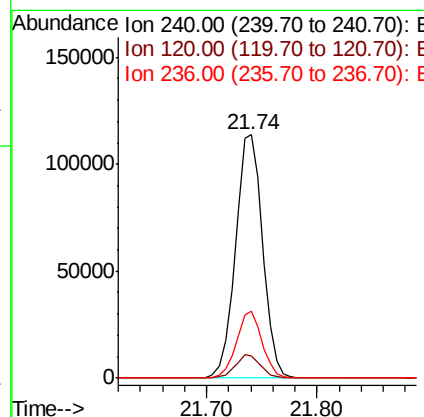
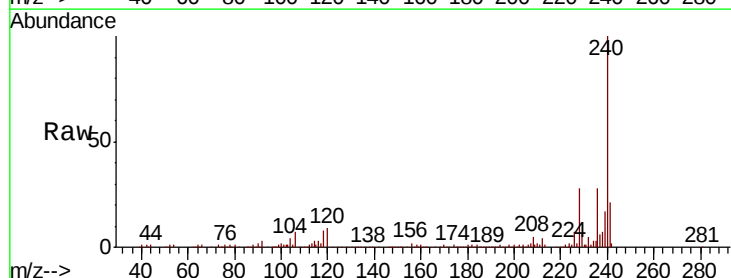
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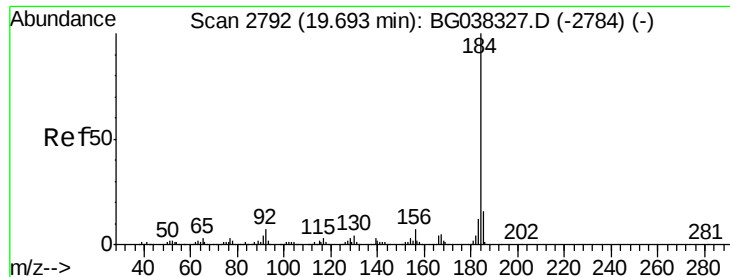
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG038352.D
 Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.1	8.1	12.1
236	27.7	21.4	32.0





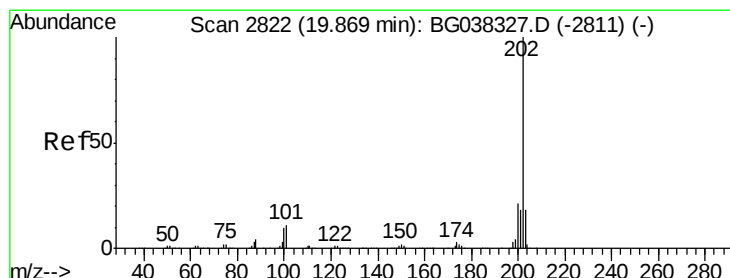
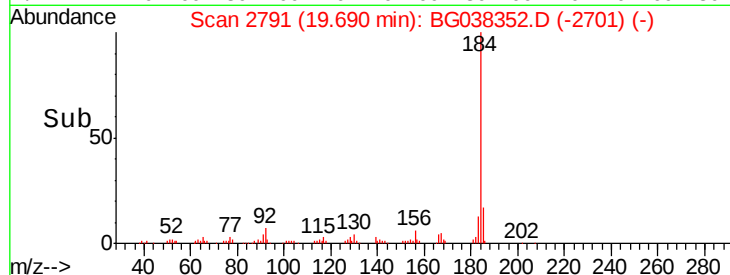
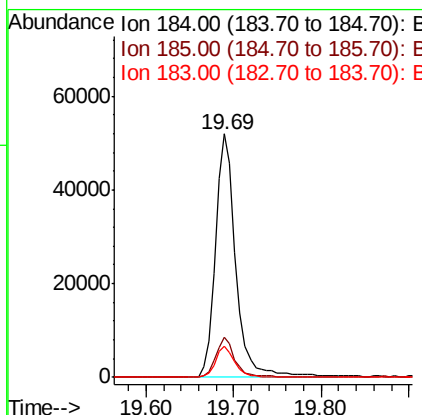
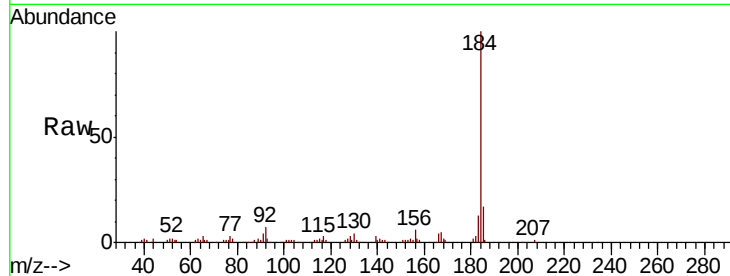
#77
Benzidine
Concen: 12.658 ng
RT: 19.69 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.6	18.8
183	12.7	10.2	15.2

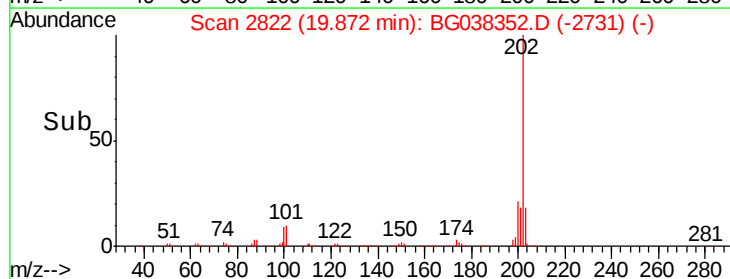
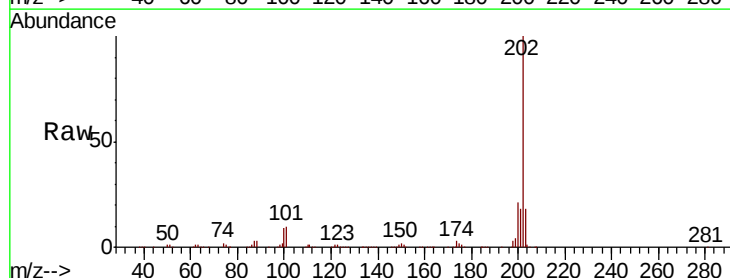
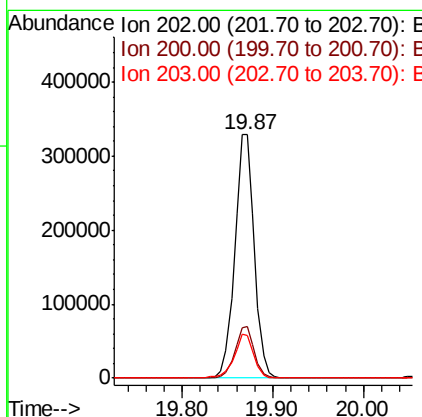
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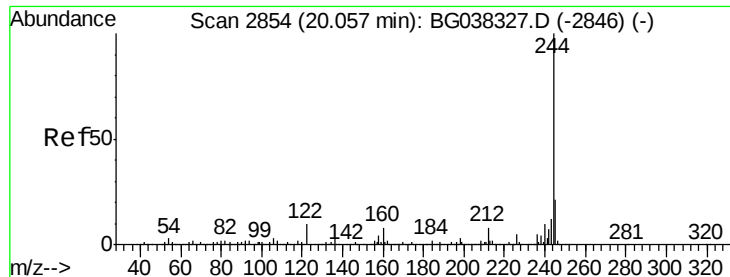
mohammad
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#78
Pyrene
Concen: 36.036 ng
RT: 19.87 min Scan# 2822
Delta R.T. 0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.6
203	17.7	15.2	22.8





#79

Terphenyl-d14

Concen: 69.632 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

Instrument :

BNA_G

ClientSampleId :

PB115253BS

Tot Ion:244 Resp: 635700

Ion Ratio Lower Upper

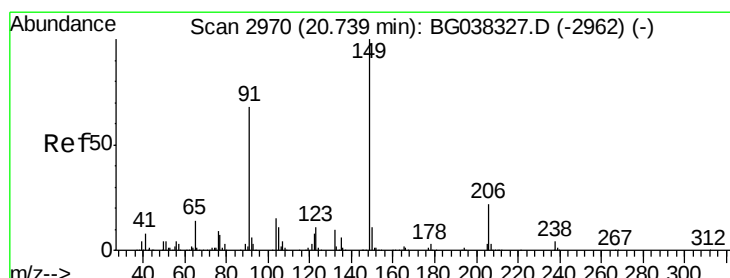
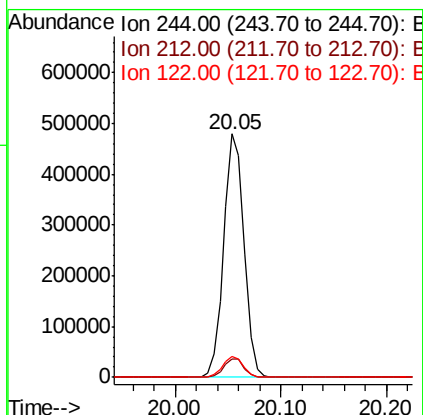
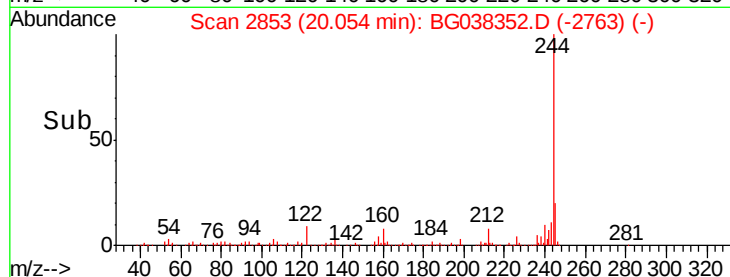
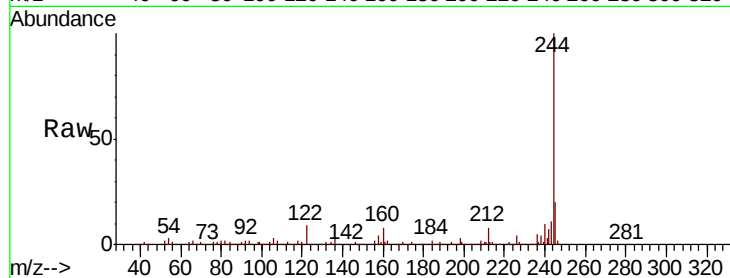
244 100

212 7.7 6.5 9.7

122 8.6 9.0 13.4#

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#80

Butylbenzylphthalate

Concen: 36.764 ng

RT: 20.74 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

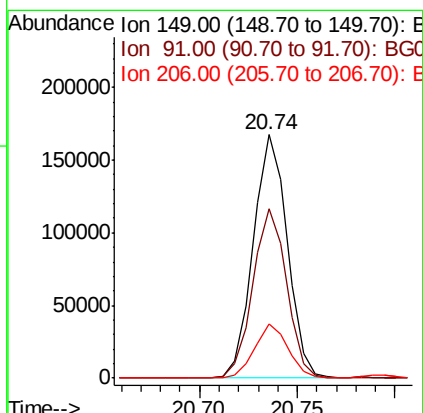
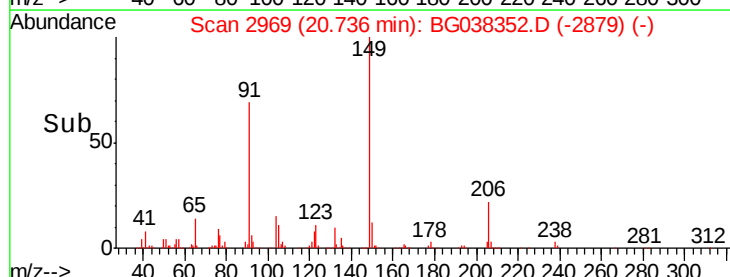
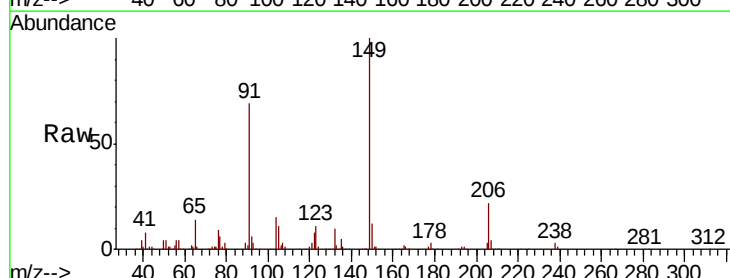
Tgt Ion:149 Resp: 202342

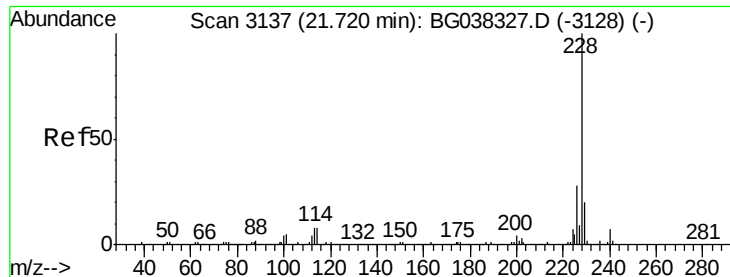
Ion Ratio Lower Upper

149 100

91 69.5 57.0 85.4

206 22.4 17.8 26.6





#81

Benzo(a)anthracene

Concen: 38.476 ng

RT: 21.72 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

Instrument :

BNA_G

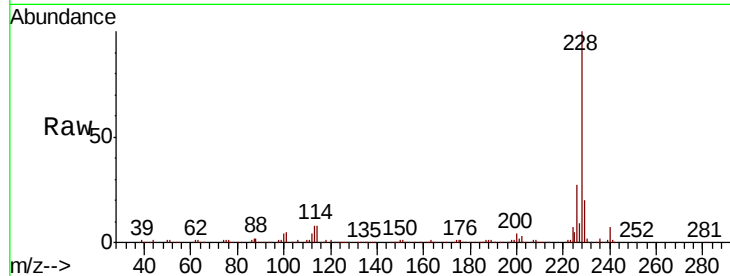
ClientSampleId :

PB115253BS

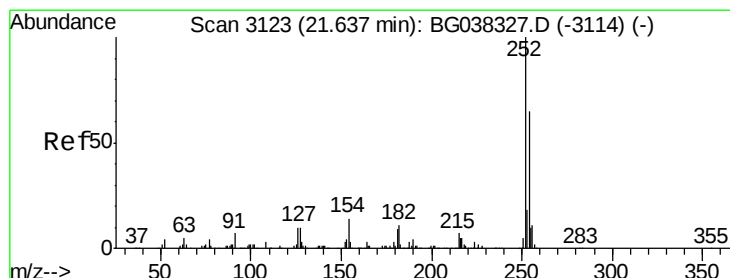
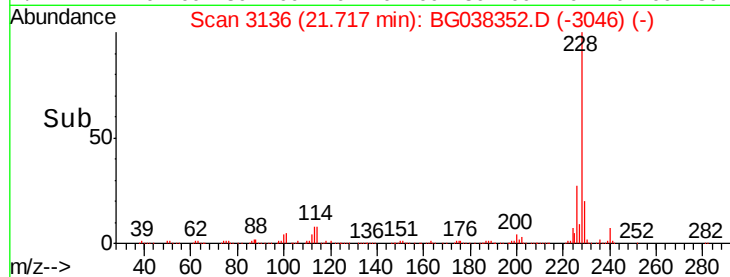
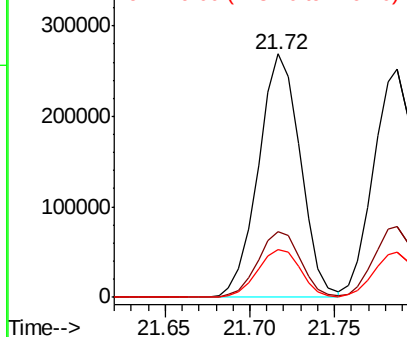
Tot Ion:	228	Resp:	462493
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.6	33.8
229	19.6	16.3	24.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 13.399 ng

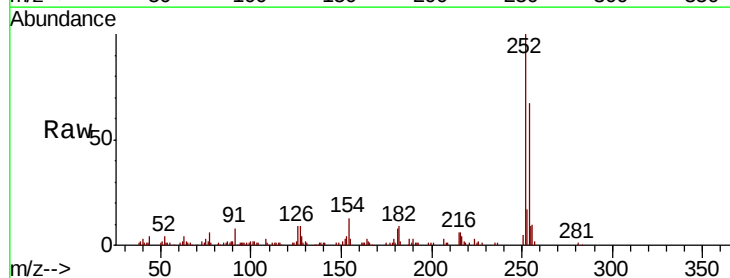
RT: 21.63 min Scan# 3122

Delta R.T. -0.00 min

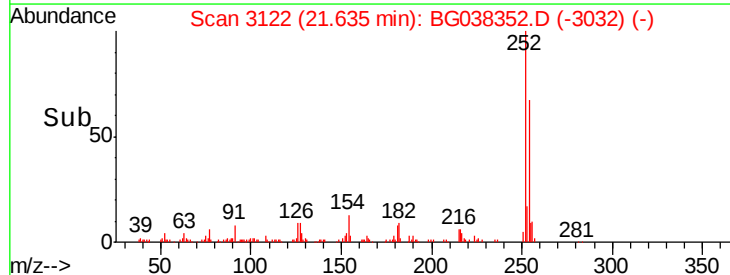
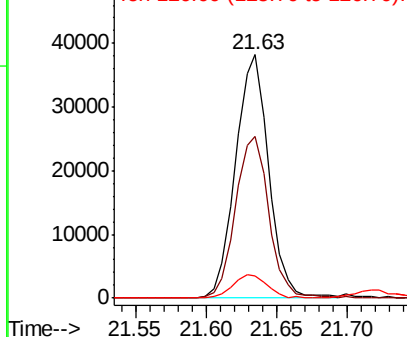
Lab File: BG038352.D

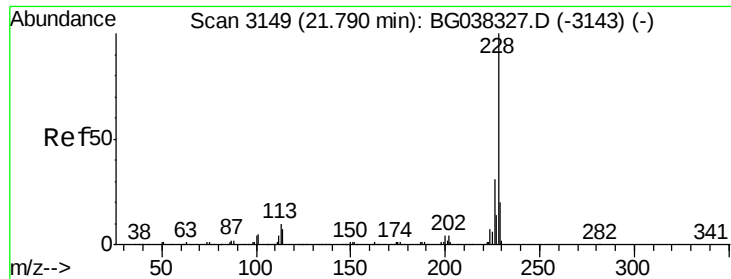
Acq: 5 Dec 2018 9:44

Tgt Ion:	252	Resp:	62655
Ion Ratio	Lower	Upper	
252	100		
254	66.7	52.0	78.0
126	8.9	8.2	12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





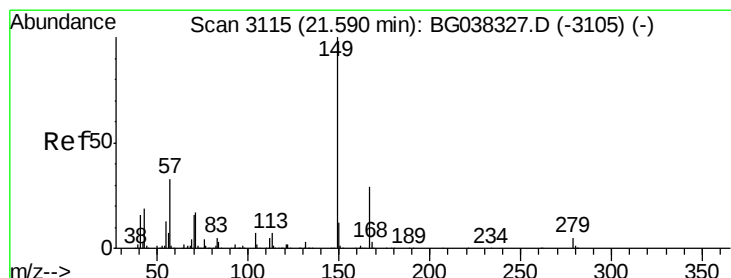
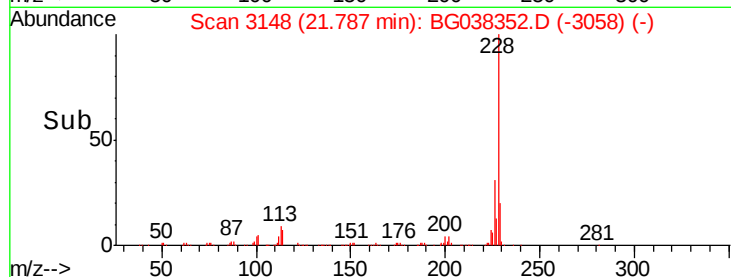
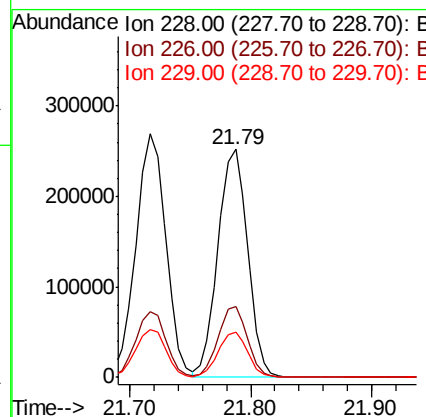
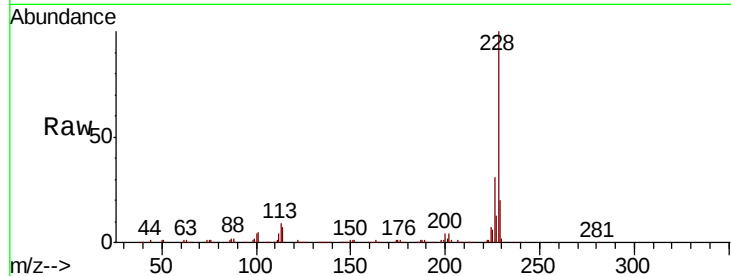
#83
Chrysene
Concen: 37.709 ng
RT: 21.79 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.7	38.5
229	19.6	16.5	24.7

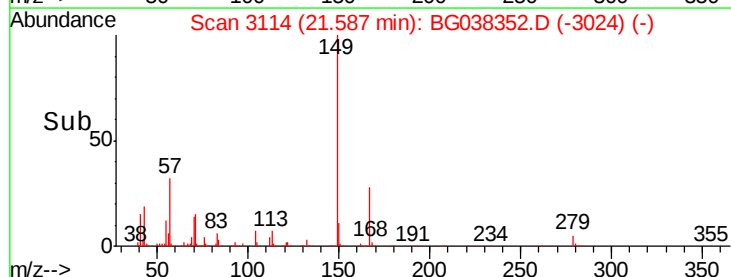
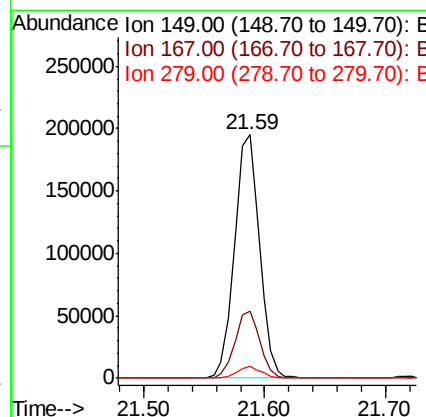
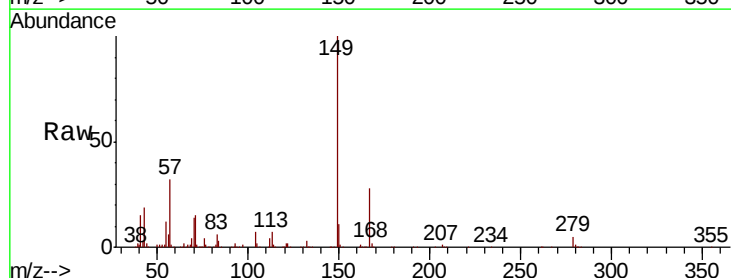
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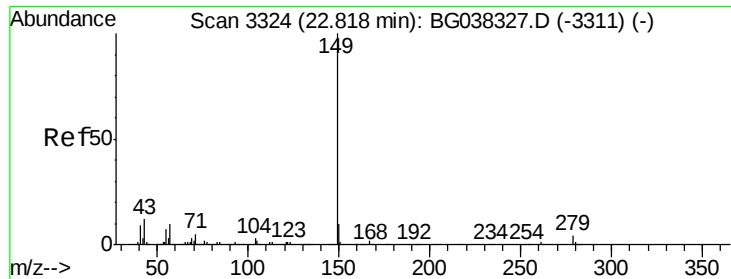
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 36.071 ng
RT: 21.59 min Scan# 3114
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.0	34.4
279	4.7	3.6	5.4





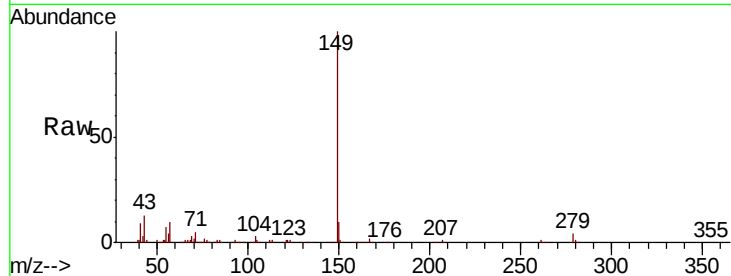
#85
Di-n-octyl phthalate
Concen: 35.566 ng
RT: 22.82 min Scan# 3323
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	475739		
167	1.7		1.3	1.9
43	11.8		8.7	13.1

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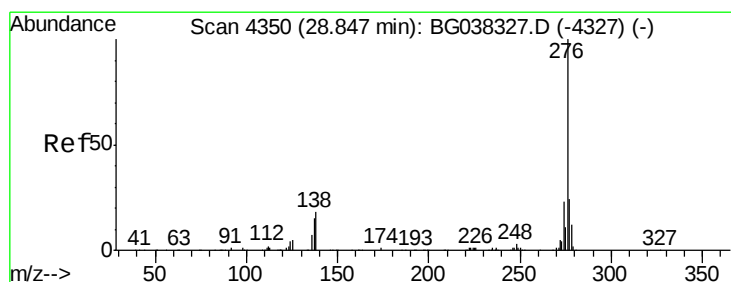
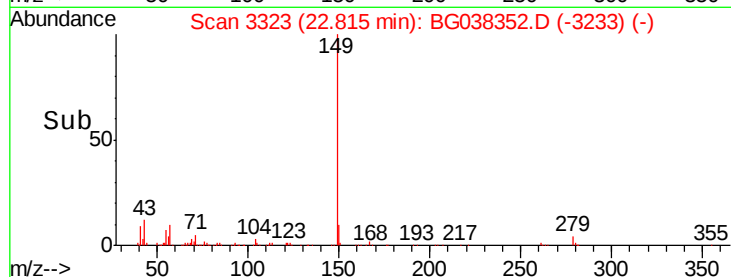
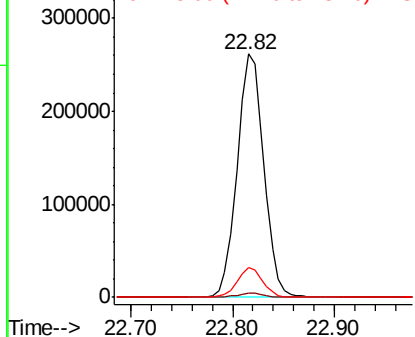


Abundance

Ion 149.00 (148.70 to 149.70): E

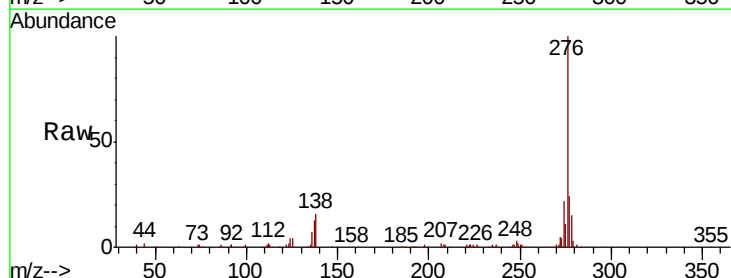
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.979 ng
RT: 28.84 min Scan# 4349
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	516828		
138	7.5		12.0	18.0#
277	25.0		20.6	30.8

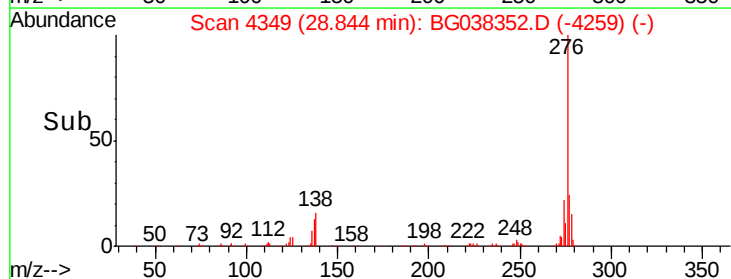
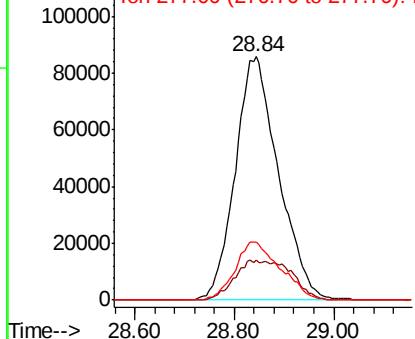


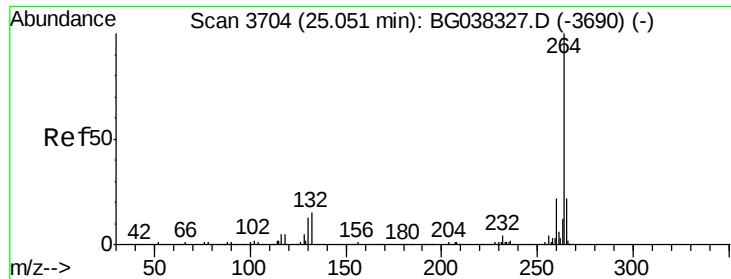
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3703

Delta R.T. -0.00 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

Instrument :

BNA_G

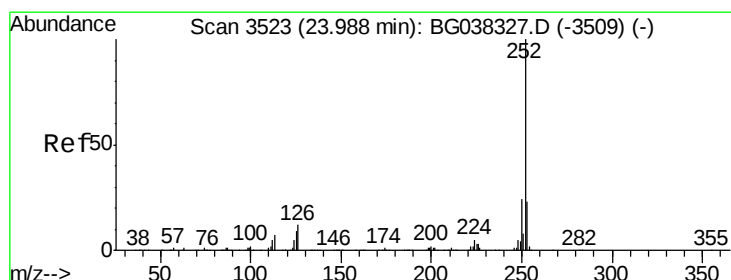
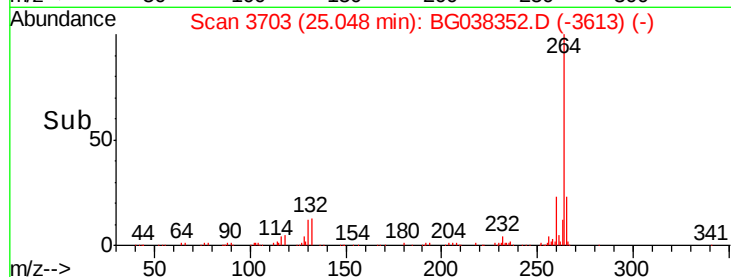
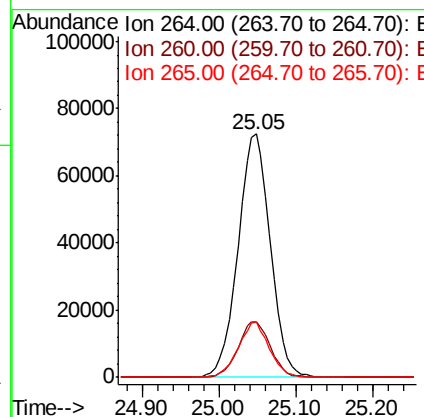
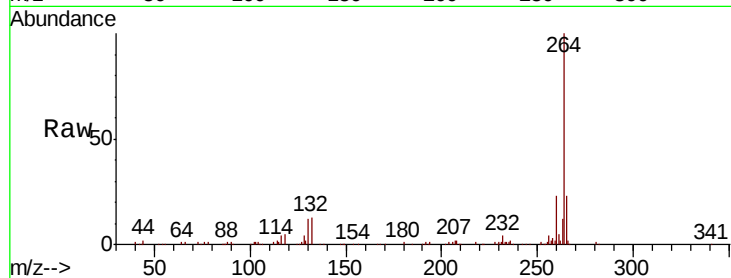
ClientSampleId :

PB115253BS

Tot Ion:	264	Resp:	212262
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.2	27.4
265	23.0	17.9	26.9

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#88

Benzo(b)fluoranthene

Concen: 37.492 ng

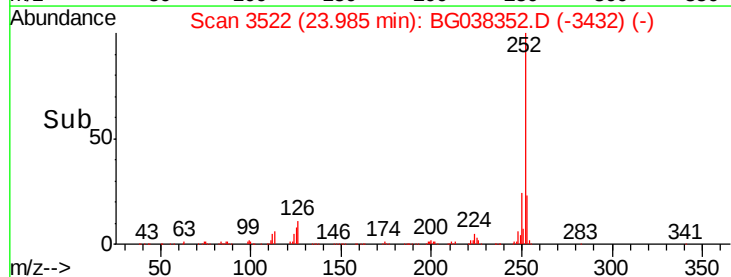
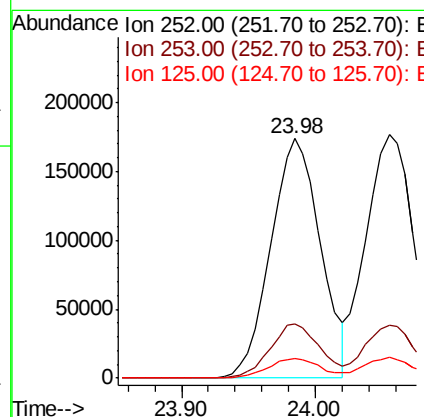
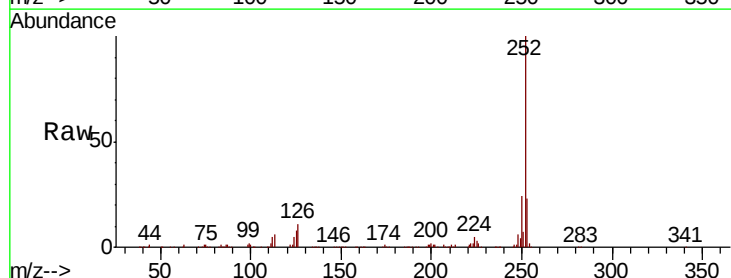
RT: 23.98 min Scan# 3522

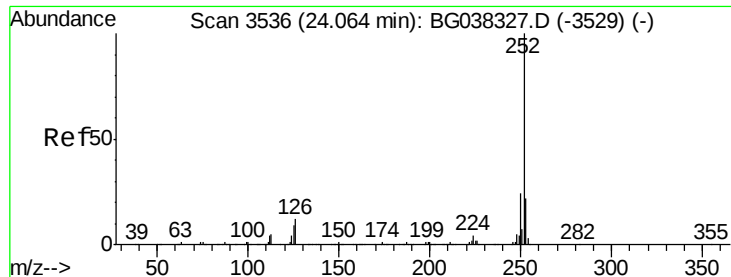
Delta R.T. -0.00 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

Tgt Ion:	252	Resp:	449666
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.2	27.2
125	8.2	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 36.824 ng

RT: 24.06 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

Instrument :

BNA_G

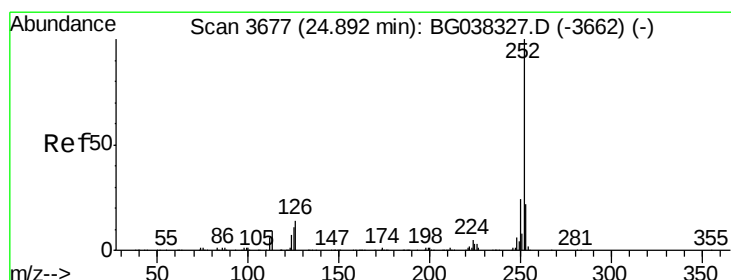
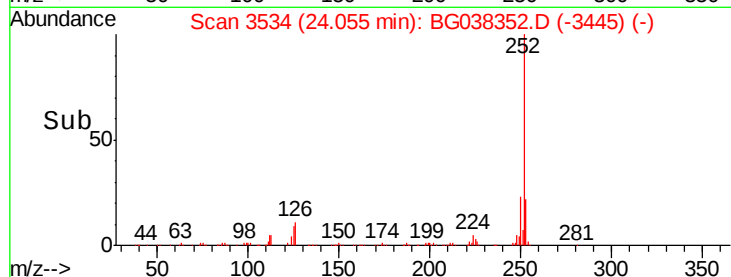
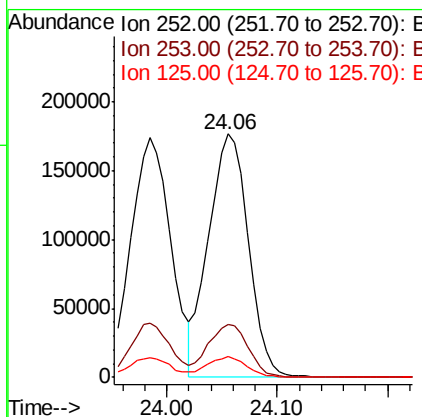
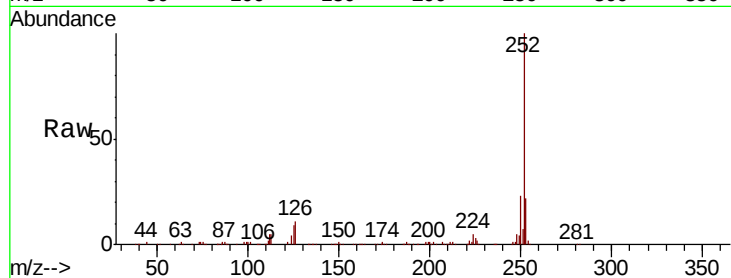
ClientSampleId :

PB115253BS

Tot Ion:	252	Resp:	439869
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.4	26.2
125	8.8	7.4	11.0

Manual Integrations
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mohammad
12/6/2018 10:33:23 AM



#90

Benzo(a)pyrene

Concen: 37.925 ng

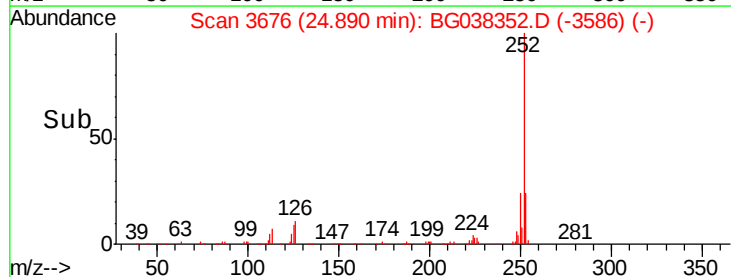
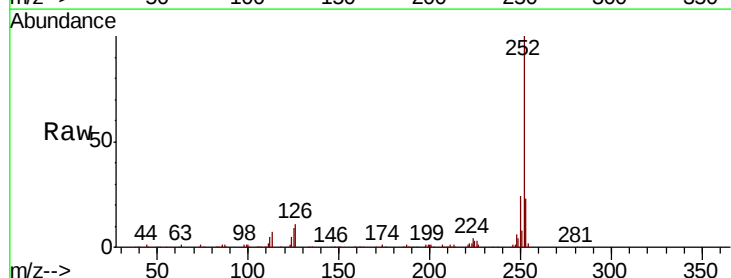
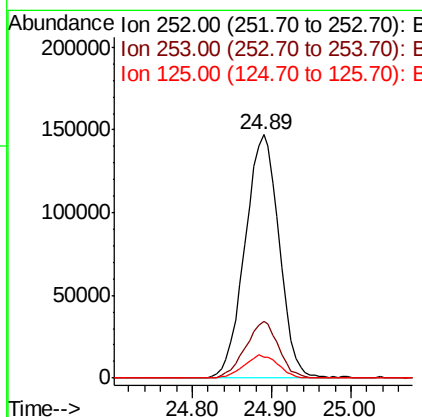
RT: 24.89 min Scan# 3676

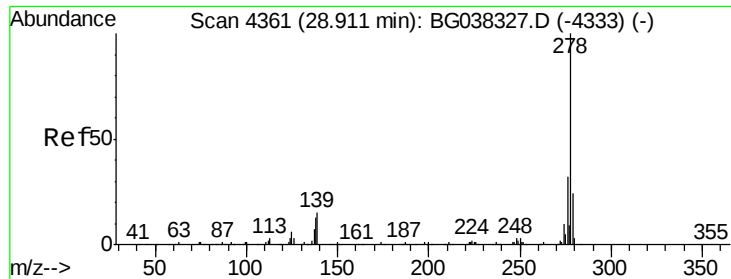
Delta R.T. -0.00 min

Lab File: BG038352.D

Acq: 5 Dec 2018 9:44

Tgt Ion:	252	Resp:	441207
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.4	26.2
125	8.7	9.0	13.6#





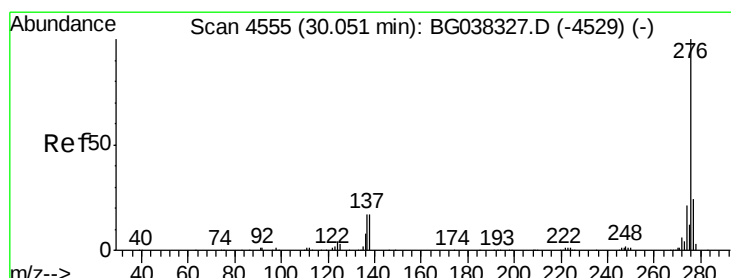
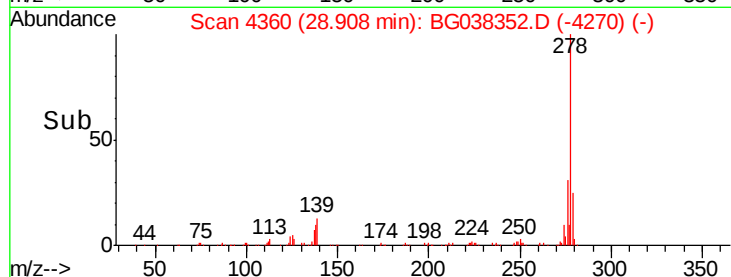
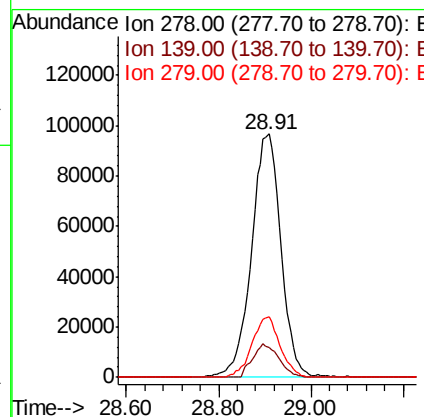
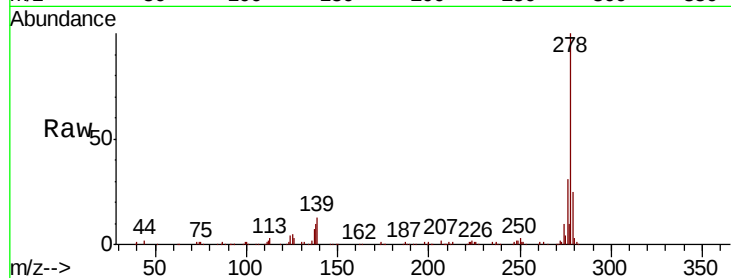
#91
Dibenzo(a,h)anthracene
Concen: 38.975 ng
RT: 28.91 min Scan# 4360
Delta R.T. -0.00 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.5	11.5	17.3
279	24.7	18.6	27.8

Manual Integrations
APPROVED

mohammad
12/6/2018 10:33:23 AM



#92
Benzo(g,h,i)perylene
Concen: 39.666 ng
RT: 30.03 min Scan# 4551
Delta R.T. -0.02 min
Lab File: BG038352.D
Acq: 5 Dec 2018 9:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	17.8	17.2	25.8

