

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
 Data File : BG038177.D
 Acq On : 27 Nov 2018 21:36
 Operator : JU/SJ
 Sample : J5770-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-112118-AMSD

Manual Integrations
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 11/28/2018 4:57:35 PM

Quant Time: Nov 28 05:00:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	46106	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	193989	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	119418	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	273331	20.00	ng	0.00
76) Chrysene-d12	21.76	240	251265	20.00	ng	0.00
87) Perylene-d12	25.09	264	265655	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	311459	116.63	ng	0.00
7) Phenol-d6	7.24	99	393129	103.13	ng	0.01
23) Nitrobenzene-d5	9.27	82	302777	83.55	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	170513	125.20	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	611160	74.56	ng	0.00
79) Terphenyl-d14	20.07	244	1009727	94.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	44493	35.275	ng	# 33
3) Pyridine	3.94	79	127699	35.491	ng	94
4) n-Nitrosodimethylamine	3.85	42	71442	54.730	ng	86
6) Aniline	7.42	93	58683	11.928	ng	99
8) 2-Chlorophenol	7.65	128	157300	50.766	ng	98
9) Benzaldehyde	7.23	77	59932	21.741	ng	99
10) Phenol	7.27	94	173448	42.959	ng	93
11) bis(2-Chloroethyl)ether	7.51	93	158409	48.058	ng	97
12) 1,3-Dichlorobenzene	7.98	146	155966	43.693	ng	99
13) 1,4-Dichlorobenzene	8.12	146	160512	44.514	ng	99
14) 1,2-Dichlorobenzene	8.44	146	154156	44.779	ng	98
15) Benzyl Alcohol	8.33	79	140650	50.993	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.61	45	319122	52.138	ng	98
17) 2-Methylphenol	8.53	107	137957	50.539	ng	97
18) Hexachloroethane	9.17	117	59712	45.502	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	127971	46.397	ng	96
20) 3+4-Methylphenols	8.85	107	186268	48.136	ng	96
22) Acetophenone	8.92	105	236223	48.942	ng	96
24) Nitrobenzene	9.31	77	193706	52.252	ng	97
25) Isophorone	9.82	82	360068	55.202	ng	98
26) 2-Nitrophenol	10.02	139	93731	50.647	ng	96
27) 2,4-Dimethylphenol	10.06	122	157496	56.483	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	216409	51.885	ng	95
29) 2,4-Dichlorophenol	10.55	162	165373	52.727	ng	99
30) 1,2,4-Trichlorobenzene	10.76	180	165192	47.001	ng	96
31) Naphthalene	10.96	128	489325	51.285	ng	99
32) Benzoic acid	10.20	122	68213m	40.564	ng	
33) 4-Chloroaniline	11.08	127	11673	2.630	ng	97
34) Hexachlorobutadiene	11.22	225	99560	46.027	ng	99
35) Caprolactam	11.87	113	43401m	34.571	ng	
36) 4-Chloro-3-methylphenol	12.18	107	182462	53.249	ng	96
37) 2-Methylnaphthalene	12.55	142	358628	52.327	ng	96
38) 1-Methylnaphthalene	12.78	142	344885	52.279	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	186449	46.724	ng	99

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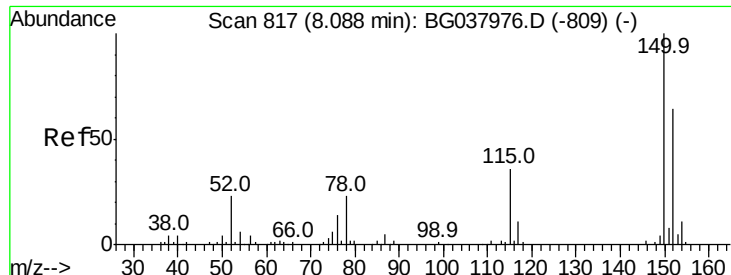
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	182923	85.607	nq	99
43) 2,4,6-Trichlorophenol	13.16	196	139290	51.225	nq	99
44) 2,4,5-Trichlorophenol	13.23	196	148454	51.887	nq	96
46) 1,1'-Biphenyl	13.56	154	462573	46.108	nq	98
47) 2-Chloronaphthalene	13.61	162	366952	47.932	nq	99
48) 2-Nitroaniline	13.82	65	133489	55.403	nq	99
49) Acenaphthylene	14.45	152	607256	52.748	nq	99
50) Dimethylphthalate	14.17	163	485072	51.237	nq	99
51) 2,6-Dinitrotoluene	14.30	165	112977	52.727	nq	97
52) Acenaphthene	14.79	154	350760	50.610	nq	99
53) 3-Nitroaniline	14.64	138	21317	9.016	nq	# 93
54) 2,4-Dinitrophenol	14.84	184	38287	38.550	nq	87
55) Dibenzofuran	15.12	168	564868	49.290	nq	95
56) 4-Nitrophenol	14.94	139	146308	80.234	nq	86
57) 2,4-Dinitrotoluene	15.09	165	156836	53.798	nq	97
58) Fluorene	15.77	166	458253	53.593	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	128479	53.665	nq	97
60) Diethylphthalate	15.53	149	503628	50.085	nq	99
61) 4-Chlorophenyl-phenylether	15.76	204	242654	48.499	nq	97
62) 4-Nitroaniline	15.81	138	117296	49.939	nq	96
63) Azobenzene	16.05	77	462108	51.398	nq	96
65) 4,6-Dinitro-2-methylphenol	15.85	198	47258	27.335	nq	98
66) n-Nitrosodiphenylamine	15.97	169	420665	50.872	nq	99
67) 4-Bromophenyl-phenylether	16.65	248	154027	51.341	nq	99
68) Hexachlorobenzene	16.77	284	157485	50.857	nq	100
69) Atrazine	16.92	200	159153	52.211	nq	98
70) Pentachlorophenol	17.11	266	141709	67.380	nq	93
71) Phenanthrene	17.52	178	760631	54.353	nq	100
72) Anthracene	17.61	178	769586	55.789	nq	98
73) Carbazole	17.88	167	708137	51.166	nq	99
74) Di-n-butylphthalate	18.41	149	840485	54.099	nq	99
75) Fluoranthene	19.52	202	894424	56.019	nq	99
77) Benzidine	19.70	184	78686	8.925	nq	97
78) Pyrene	19.89	202	904132	55.036	nq	99
80) Butylbenzylphthalate	20.76	149	392974	54.700	nq	98
81) Benzo(a)anthracene	21.74	228	847099	55.788	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	98796	16.703	nq	99
83) Chrysene	21.81	228	795296	54.742	nq	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	546810	53.372	nq	100
85) Di-n-octyl phthalate	22.85	149	926435	55.894	nq	98
86) Indeno(1,2,3-cd)pyrene	28.91	276	854152	52.937	nq	98
88) Benzo(b)fluoranthene	24.02	252	832288	56.931	nq	99
89) Benzo(k)fluoranthene	24.09	252	820707	56.893	nq	98
90) Benzo(a)pyrene	24.93	252	809848	57.966	nq	98
91) Dibenzo(a,h)anthracene	28.98	278	724100	53.865	nq	98
92) Benzo(g,h,i)perylene	30.10	276	673558	50.392	nq	99

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



#1

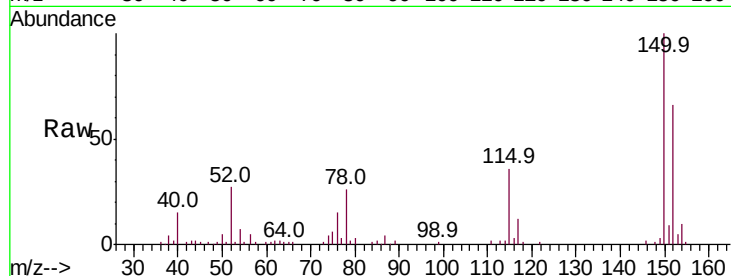
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	126.0	189.0
115	55.0	45.5	68.3

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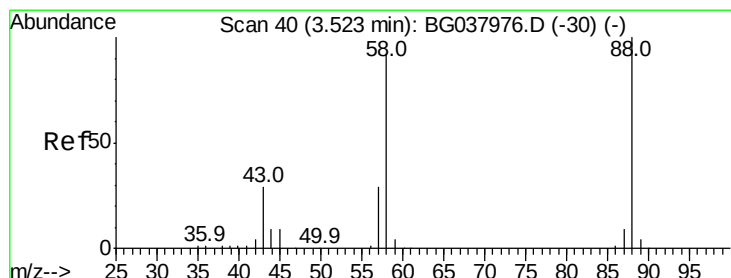
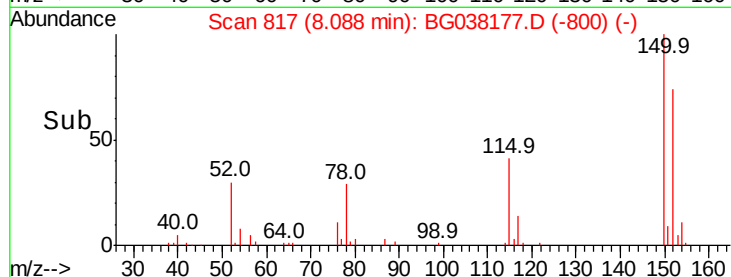
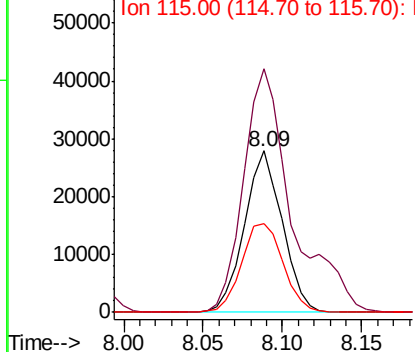


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

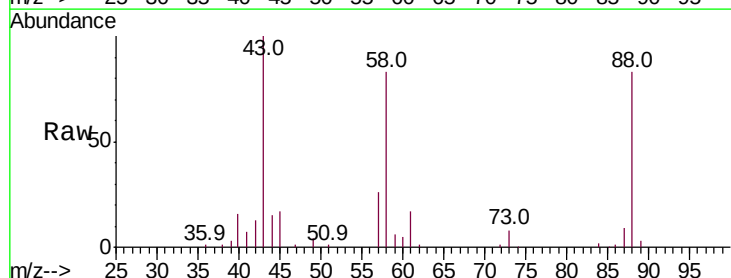
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.275 ng
RT: 3.53 min Scan# 42
Delta R.T. 0.01 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.6	74.4	111.6
43	172.1	25.8	38.8#

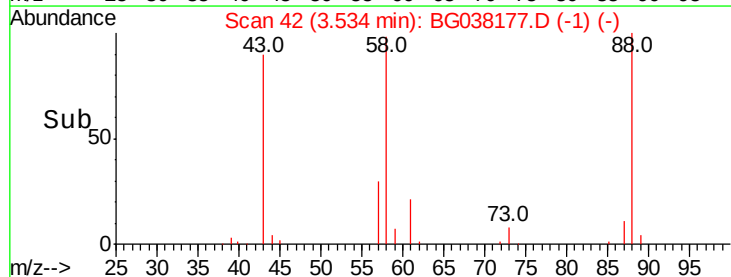
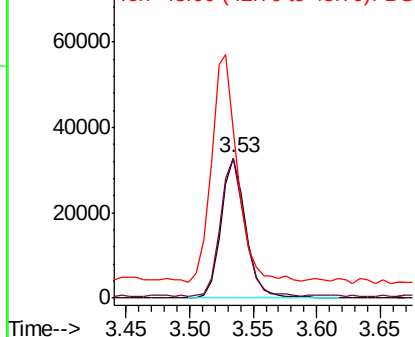


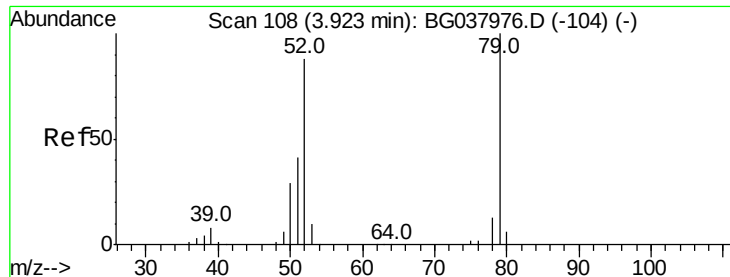
Abundance

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: 35.491 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.02 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Instrument :

BNA_G

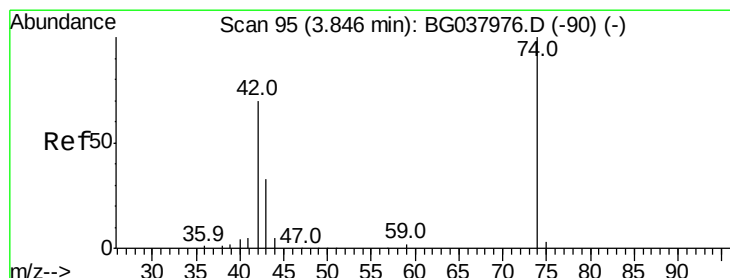
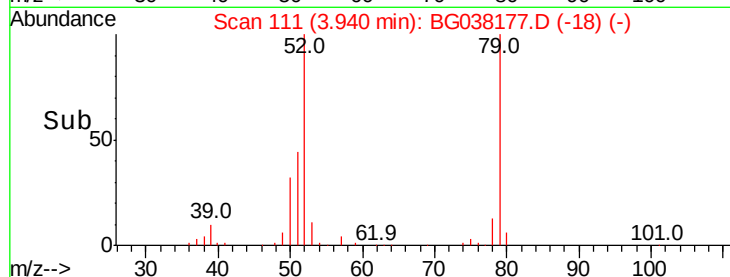
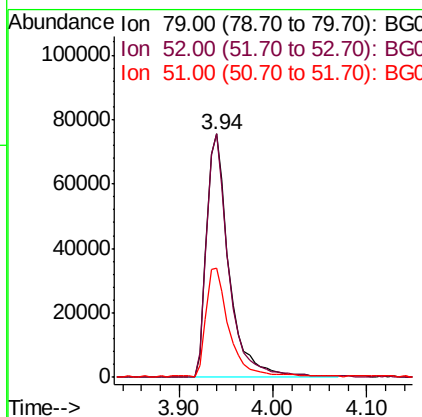
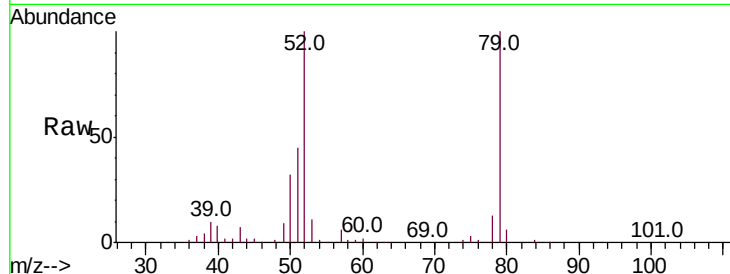
ClientSampleId :

OR-02-112118-AMSD

Tot Ion:	79	Resp:	127699
Ion	Ratio	Lower	Upper
79	100		
52	100.1	74.2	111.2
51	45.0	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 54.730 ng

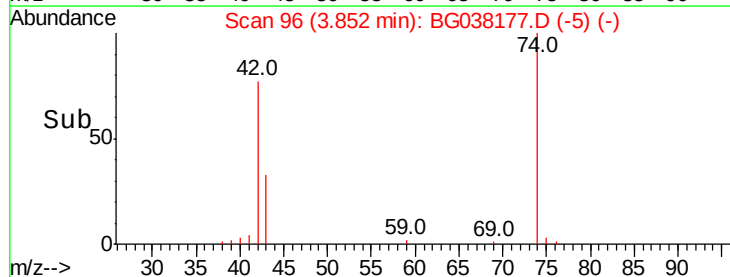
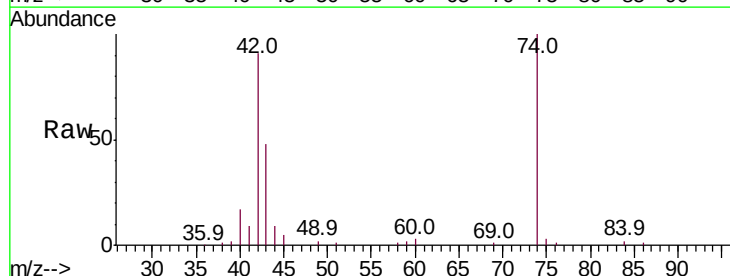
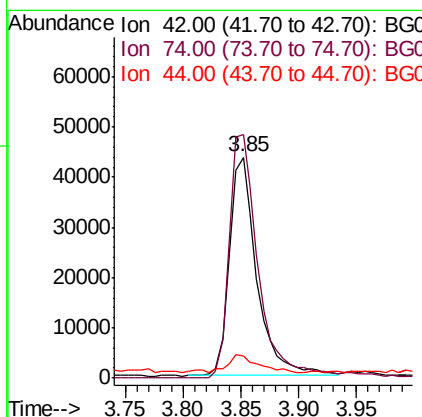
RT: 3.85 min Scan# 96

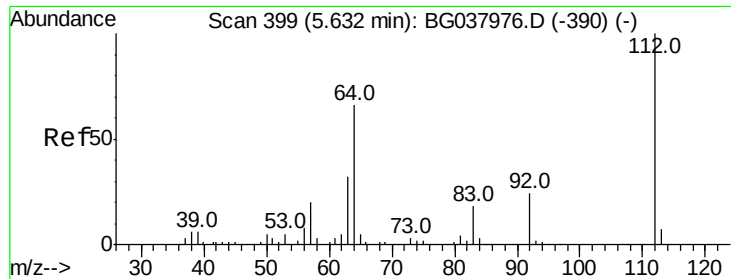
Delta R.T. 0.01 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Tgt Ion:	42	Resp:	71442
Ion	Ratio	Lower	Upper
42	100		
74	110.3	102.0	153.0
44	9.8	9.6	14.4





#5

2-Fluorophenol

Concen: 116.634 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.01 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Instrument :

BNA_G

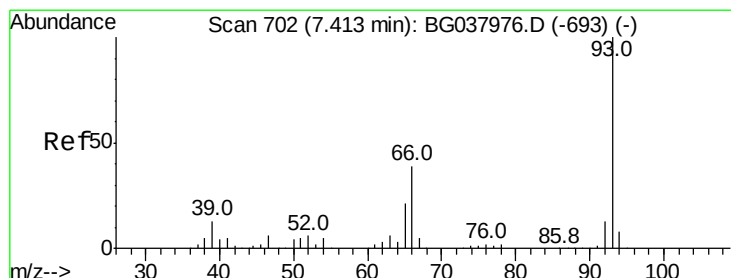
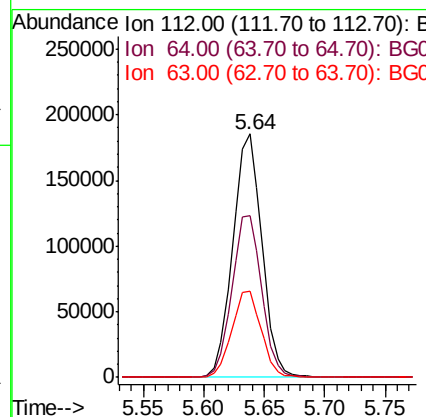
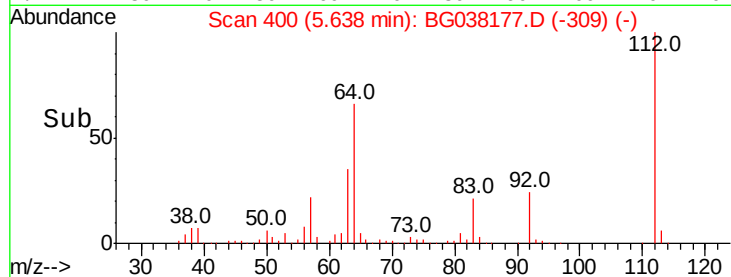
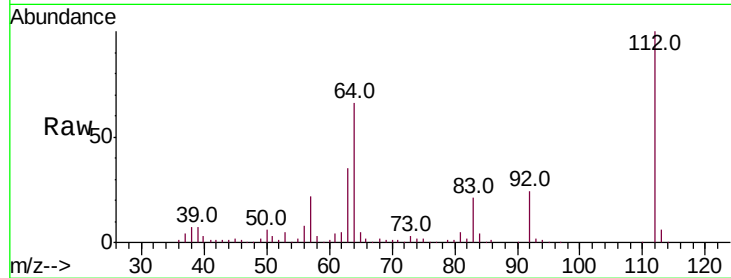
ClientSampleId :

OR-02-112118-AMSD

Tot Ion:	112	Resp:	311459
Ion Ratio	Lower	Upper	
112	100		
64	66.4	53.1	79.7
63	35.2	27.3	40.9

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#6

Aniline

Concen: 11.928 ng

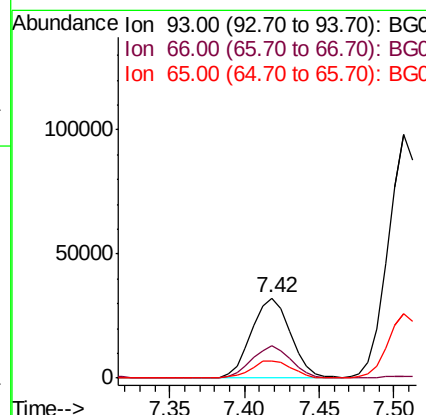
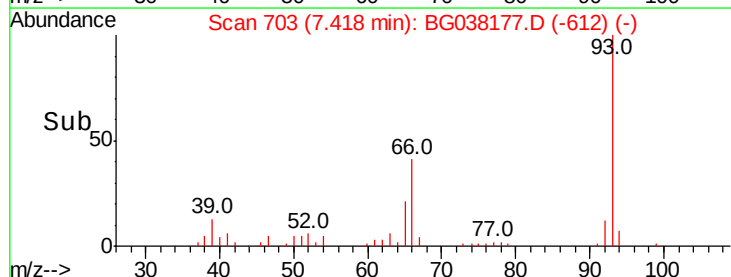
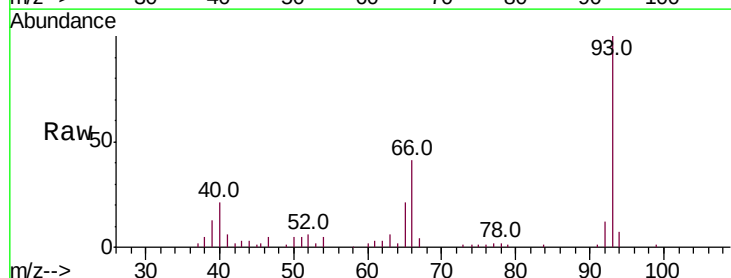
RT: 7.42 min Scan# 703

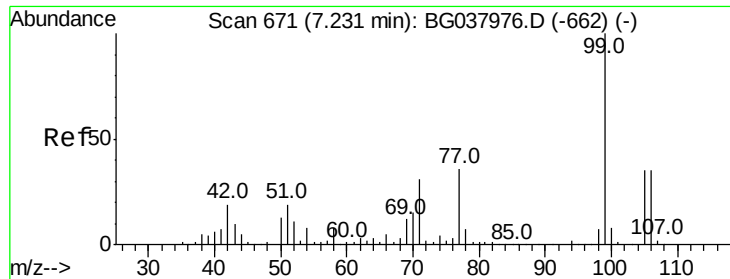
Delta R.T. 0.01 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Tgt Ion:	93	Resp:	58683
Ion Ratio	Lower	Upper	
93	100		
66	40.6	32.8	49.2
65	20.9	16.4	24.6





#7

Phenol-d6

Concen: 103.134 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.01 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Instrument :

BNA_G

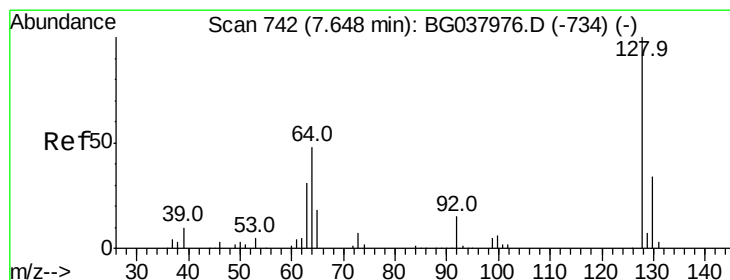
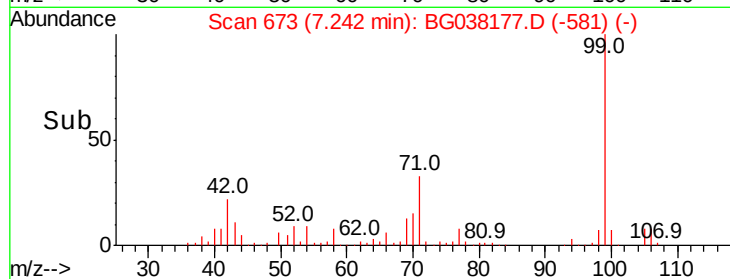
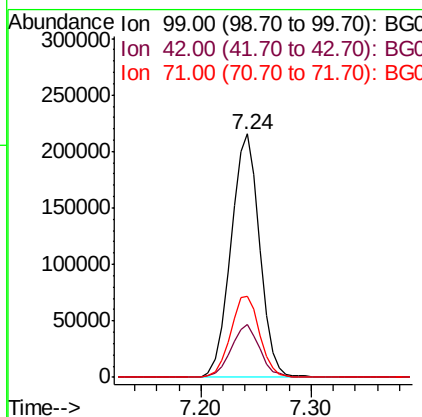
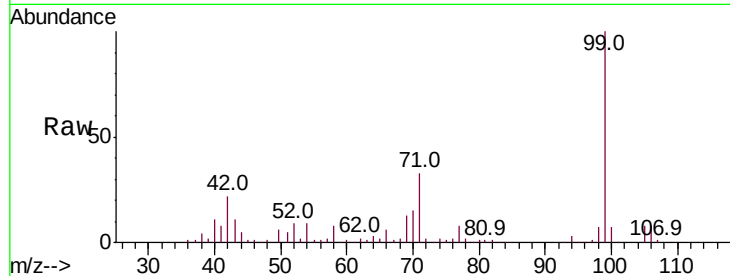
ClientSampleId :

OR-02-112118-AMSD

Tot Ion:	99	Resp:	393129
Ion Ratio	Lower	Upper	
99	100		
42	21.5	15.0	22.4
71	33.2	25.5	38.3

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#8

2-Chlorophenol

Concen: 50.766 ng

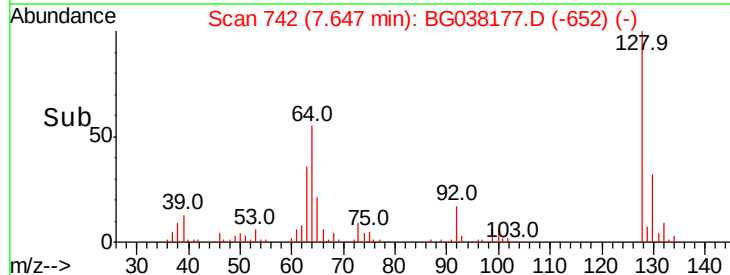
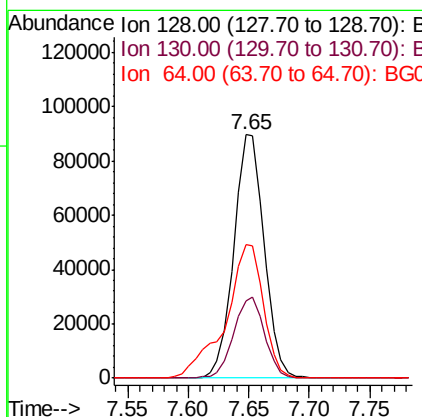
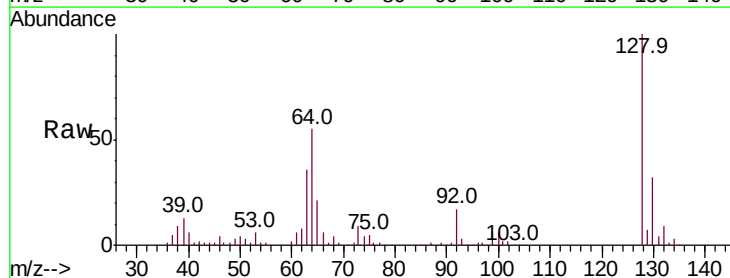
RT: 7.65 min Scan# 742

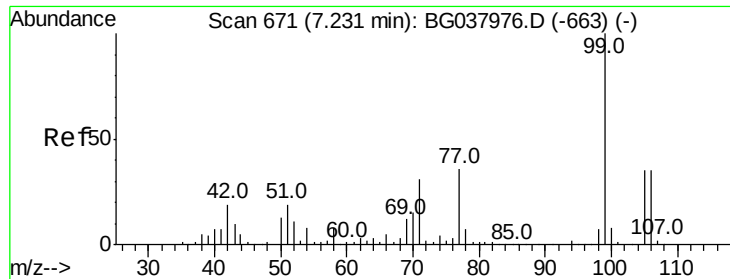
Delta R.T. -0.00 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Tgt Ion:	128	Resp:	157300
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.0	52.0
64	54.9	32.9	72.9





#9

Benzaldehyde

Concen: 21.741 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Instrument :

BNA_G

ClientSampleId :

OR-02-112118-AMSD

Tot Ion: 77 Resp: 59932

Ion Ratio Lower Upper

77 100

105 93.0 72.6 112.6

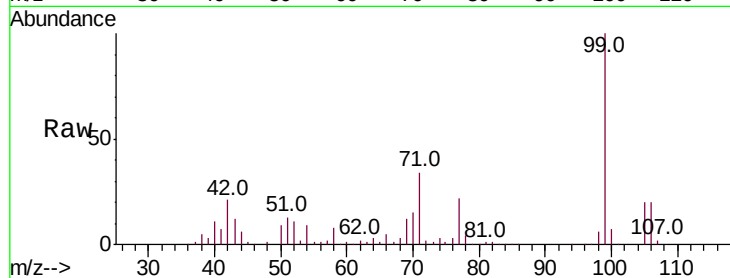
106 93.4 71.3 111.3

Manual Integrations

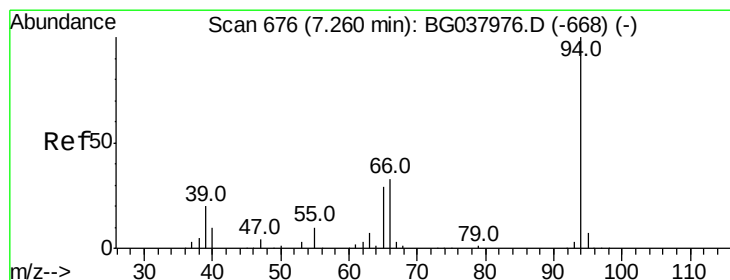
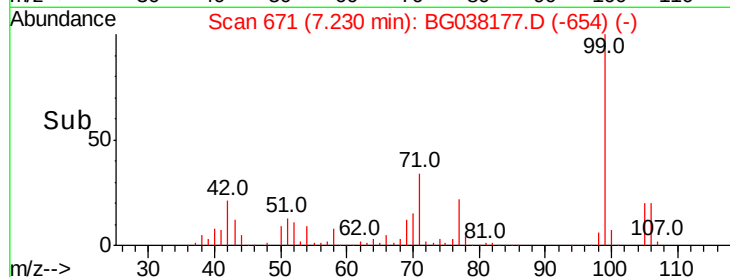
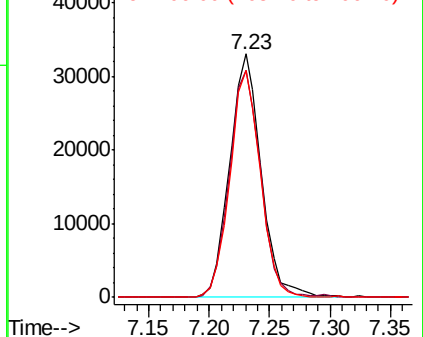
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.959 ng

RT: 7.27 min Scan# 677

Delta R.T. 0.01 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

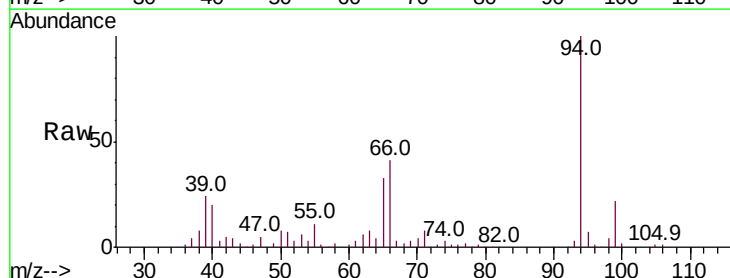
Tgt Ion: 94 Resp: 173448

Ion Ratio Lower Upper

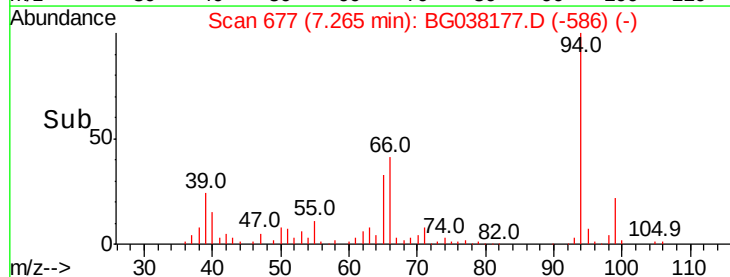
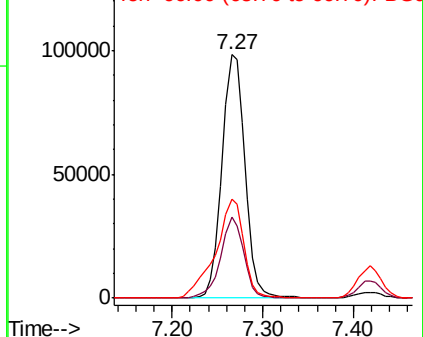
94 100

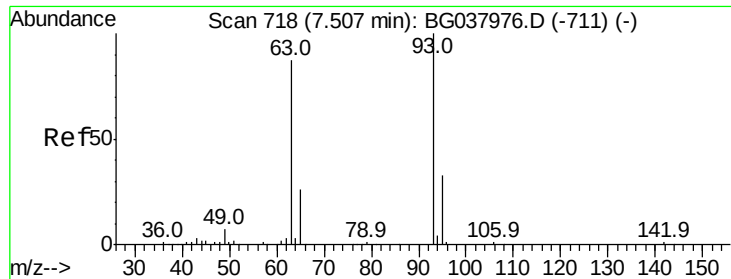
65 33.1 9.7 49.7

66 40.7 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: 48.058 ng

RT: 7.51 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Instrument :

BNA_G

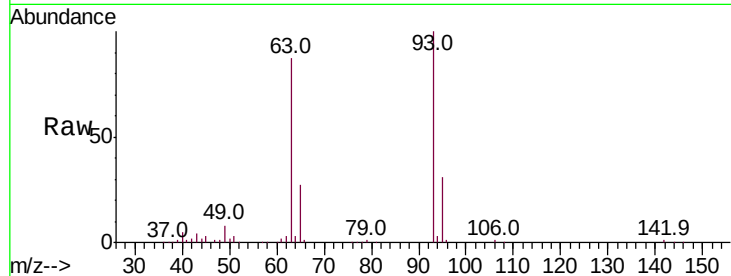
ClientSampleId :

OR-02-112118-AMSD

Tot Ion:	93	Resp:	158409
Ion	Ratio	Lower	Upper
93	100		
63	86.9	69.5	109.5
95	31.4	12.6	52.6

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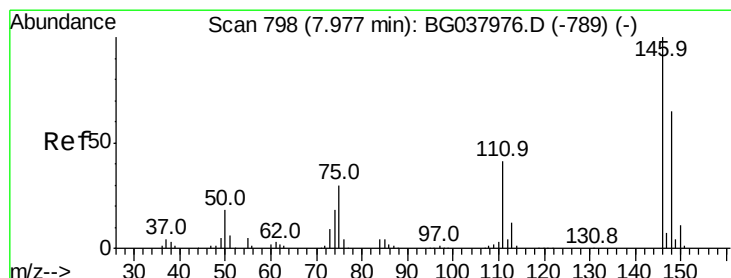
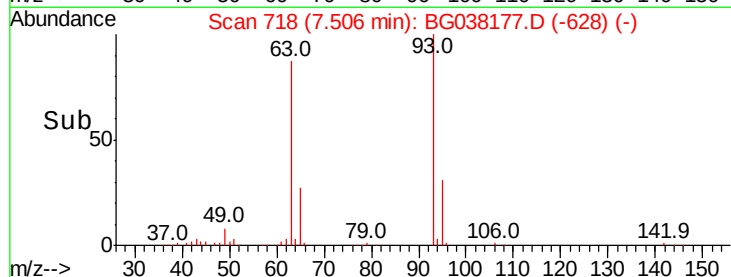
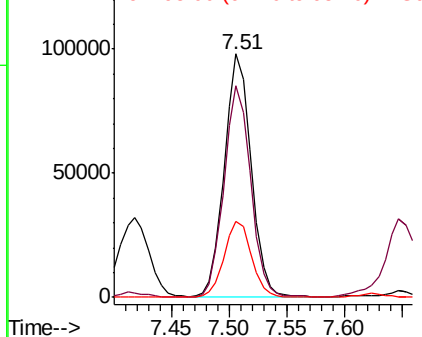


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 43.693 ng

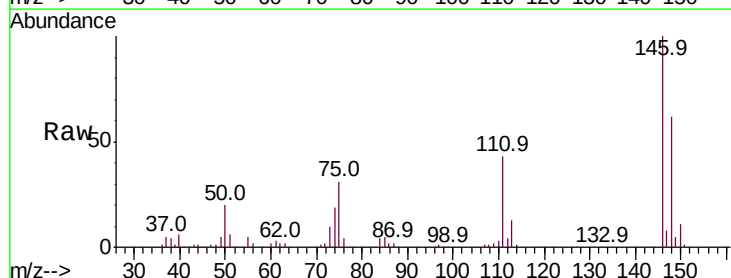
RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Tgt Ion:	146	Resp:	155966
Ion	Ratio	Lower	Upper
146	100		
148	62.3	49.8	74.8
75	31.2	23.2	34.8

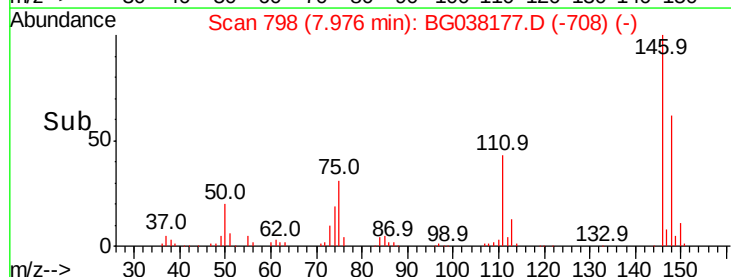
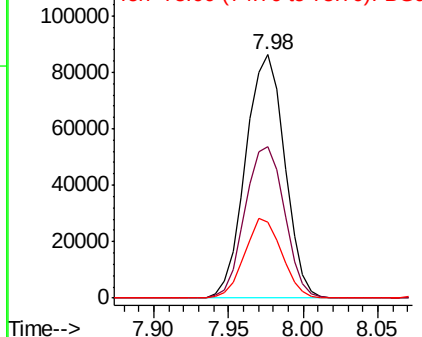


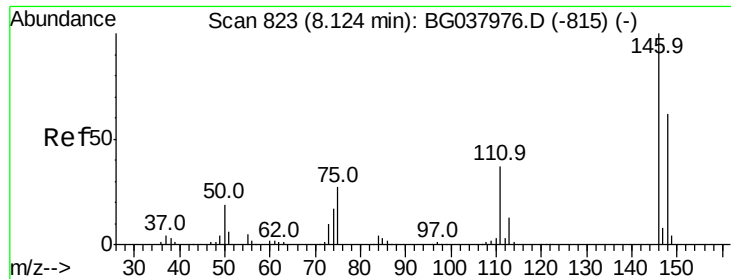
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





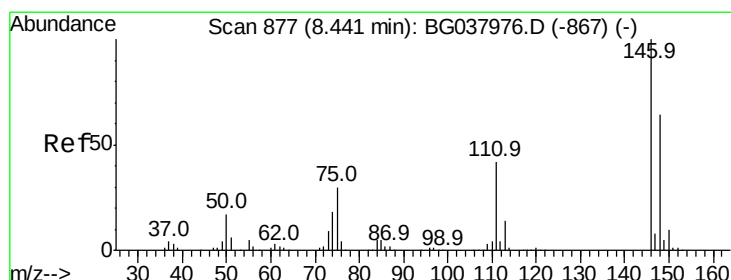
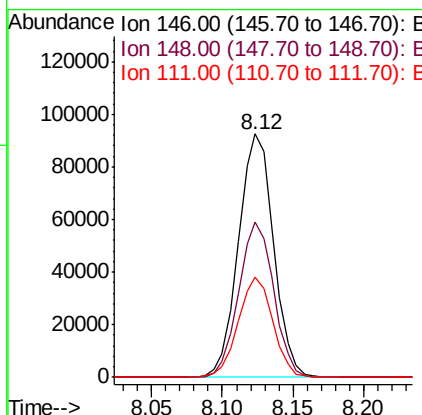
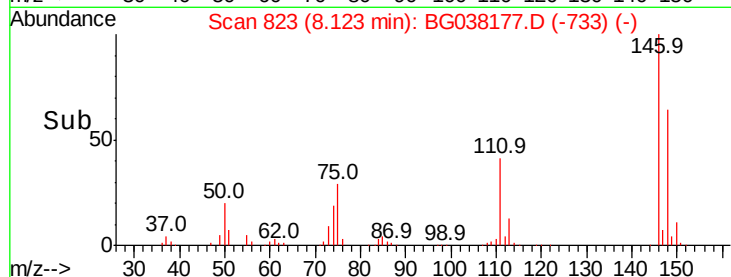
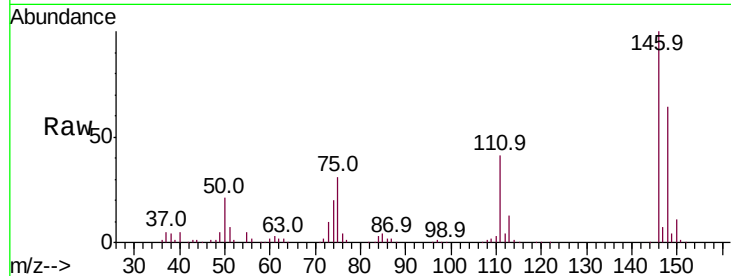
#13
 1,4-Dichlorobenzene
 Concen: 44.514 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG038177.D
 Acq: 27 Nov 2018 21:36

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-112118-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.6
111	41.4	32.4	48.6

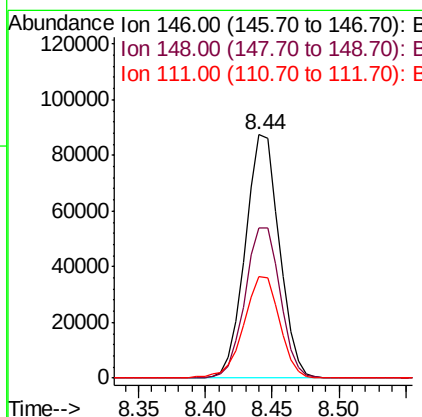
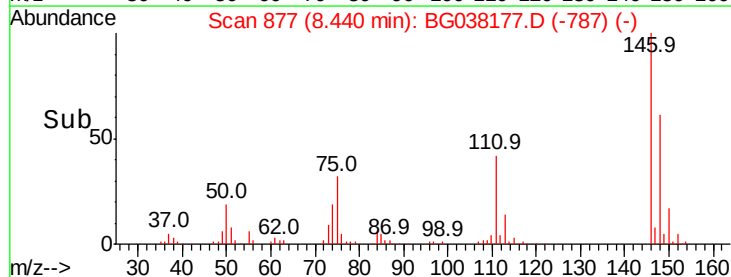
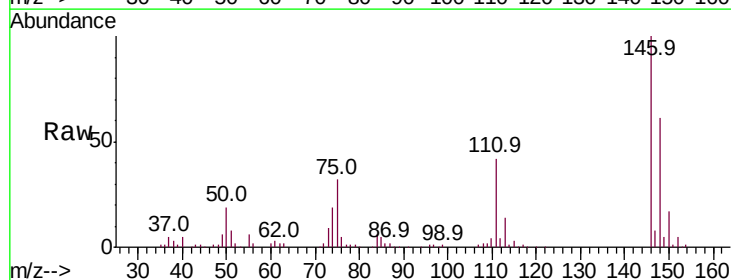
Manual Integrations
 APPROVED

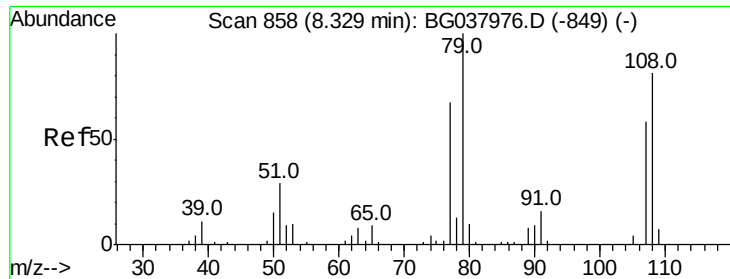
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#14
 1,2-Dichlorobenzene
 Concen: 44.779 ng
 RT: 8.44 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BG038177.D
 Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	50.4	75.6
111	41.6	34.6	51.8





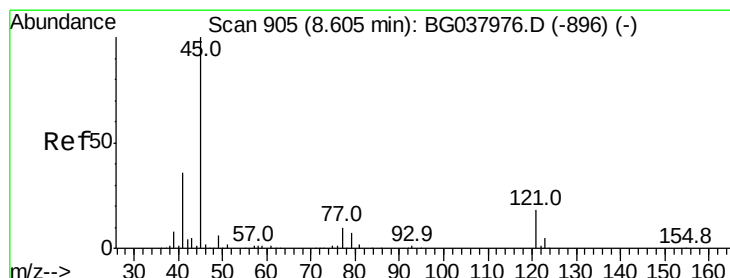
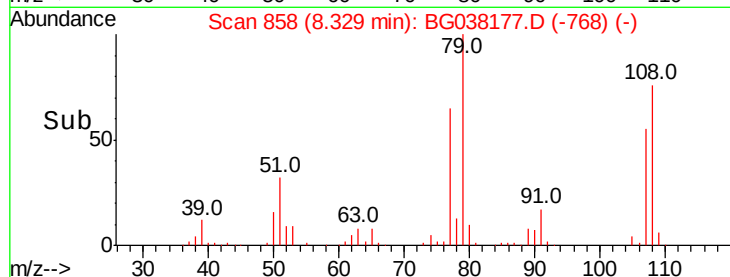
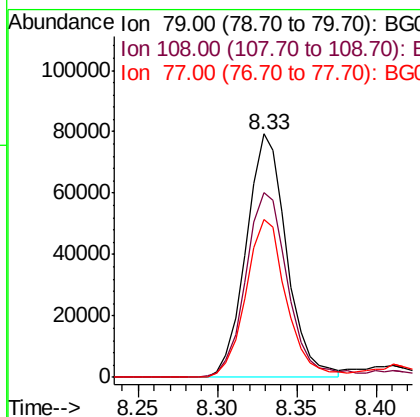
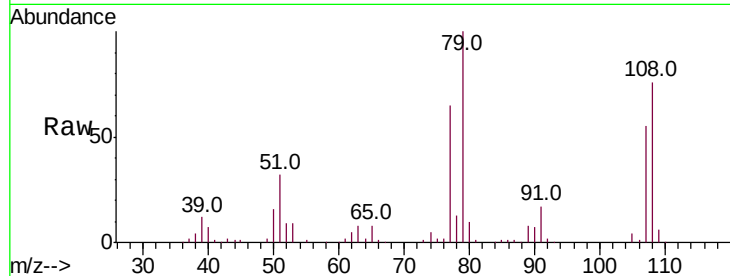
#15
Benzyl Alcohol
Concen: 50.993 ng
RT: 8.33 min Scan# 858
Delta R.T. -0.00 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.6	65.8	98.8
77	64.9	52.9	79.3

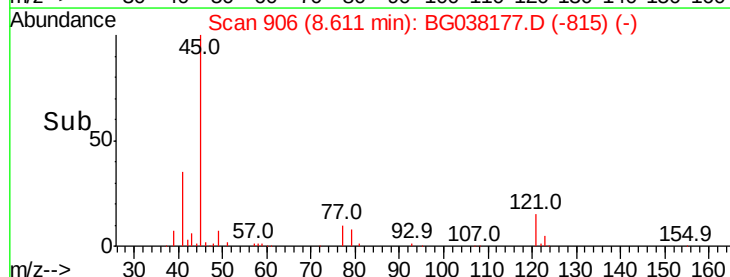
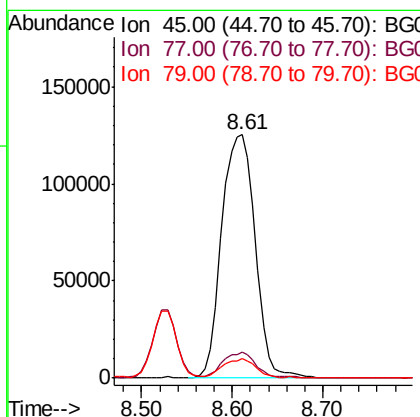
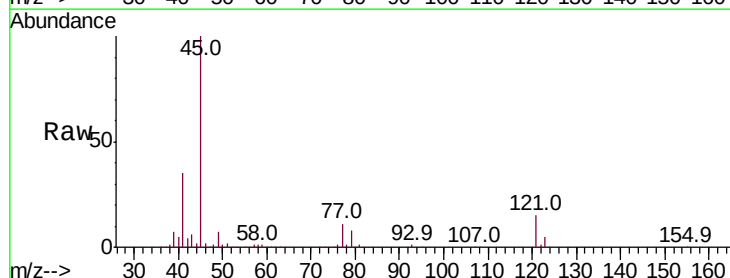
Manual Integrations
APPROVED

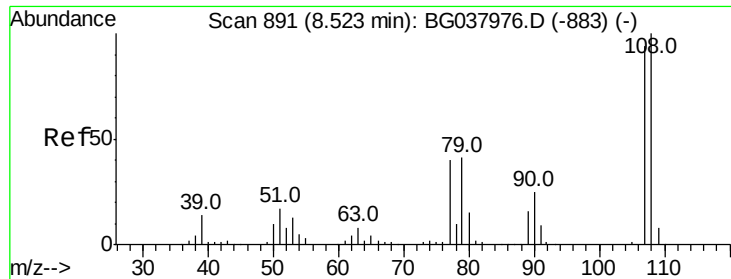
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 52.138 ng
RT: 8.61 min Scan# 906
Delta R.T. 0.01 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.7	0.0	30.0
79	8.2	0.0	29.0





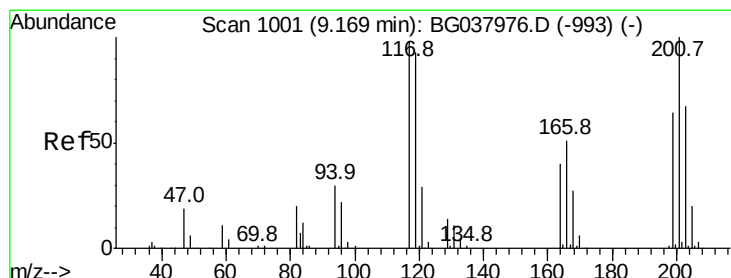
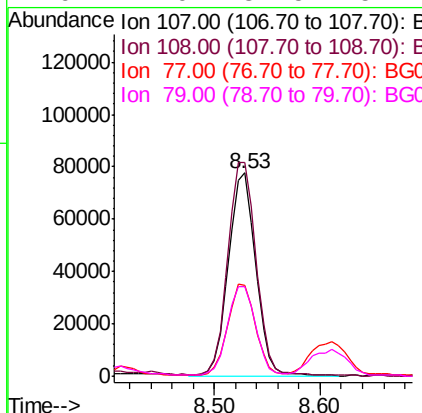
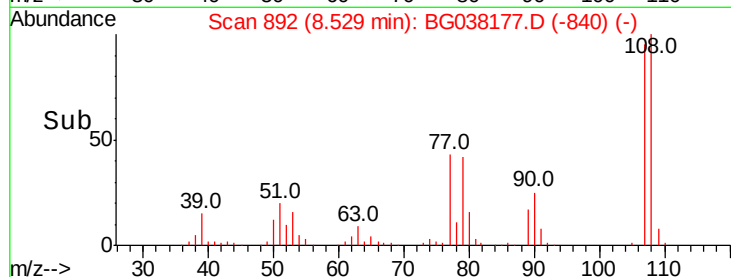
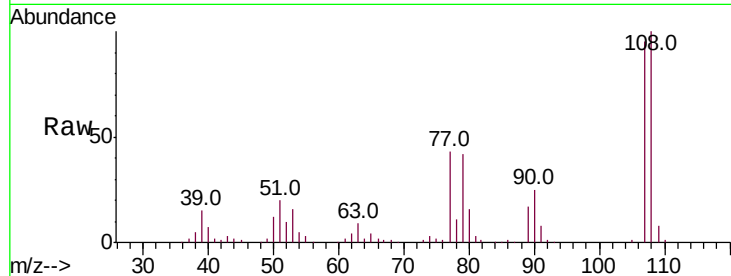
#17
2-Methylphenol
Concen: 50.539 ng
RT: 8.53 min Scan# 892
Delta R.T. 0.01 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.0	87.9	131.9	
77	44.8	35.1	52.7	
79	44.0	34.5	51.7	

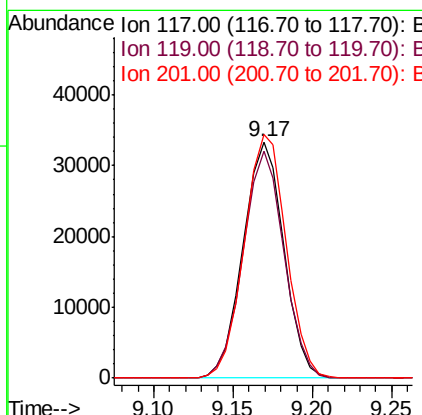
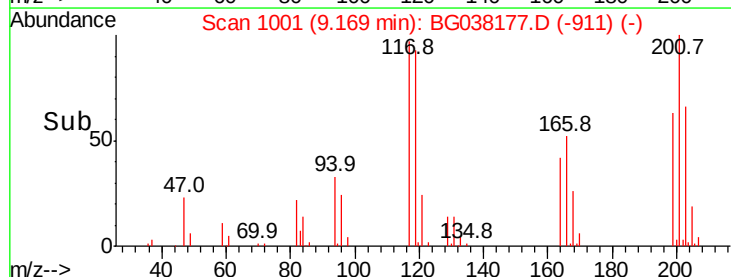
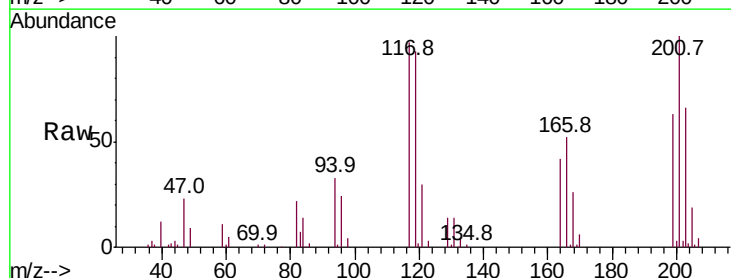
Manual Integrations
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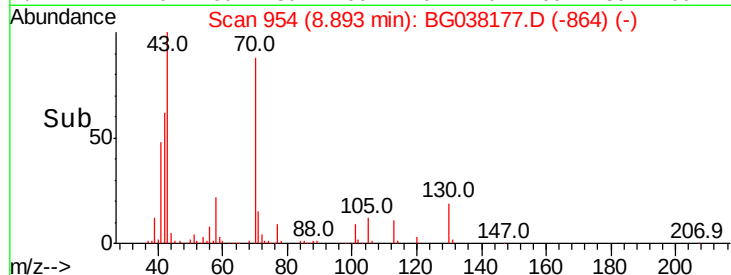
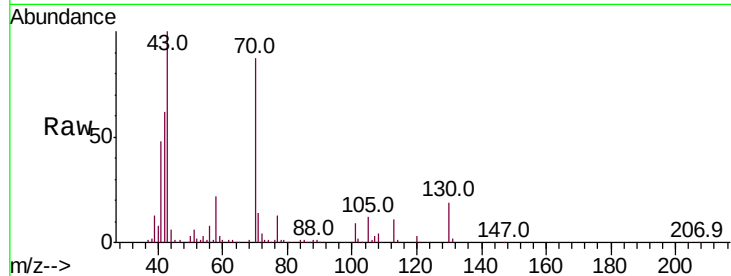
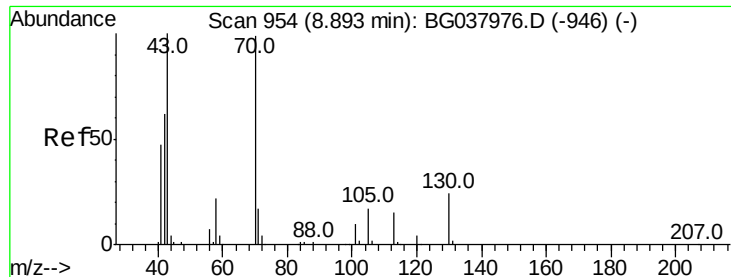
mohammad
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#18
Hexachloroethane
Concen: 45.502 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	74.6	111.8	
201	102.9	80.8	121.2	





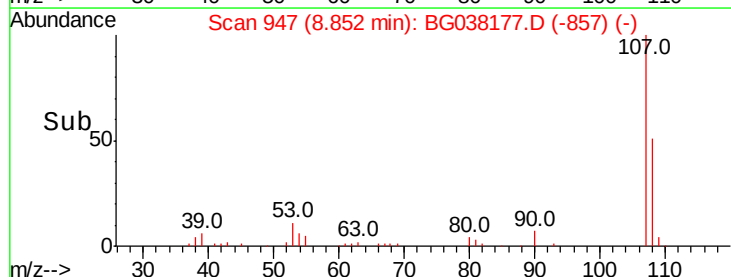
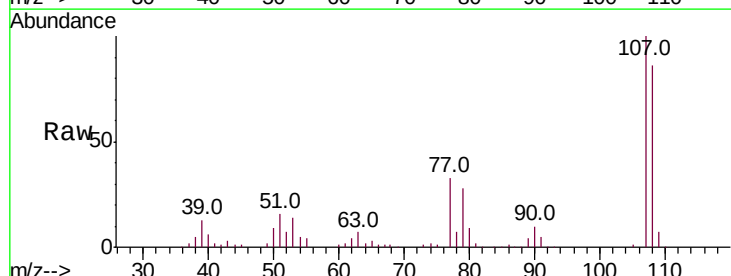
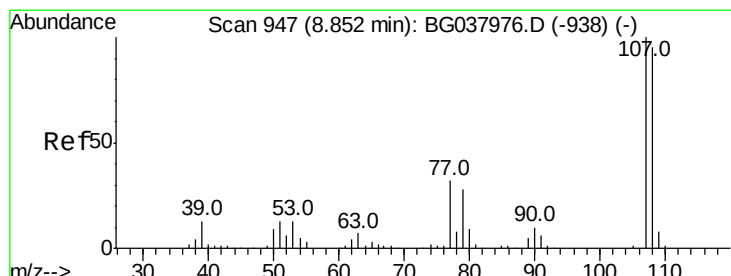
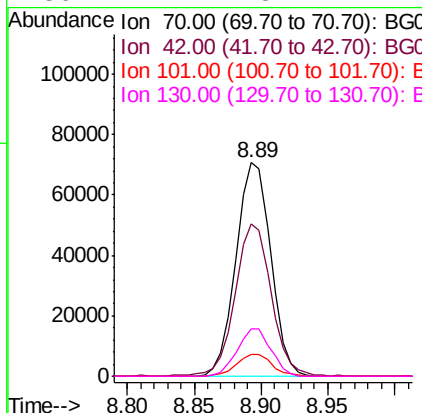
#19
n-Nitroso-di-n-propylamine
Concen: 46.397 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	71.3	53.9	80.9	
101	10.5	8.2	12.2	
130	22.1	18.2	27.4	

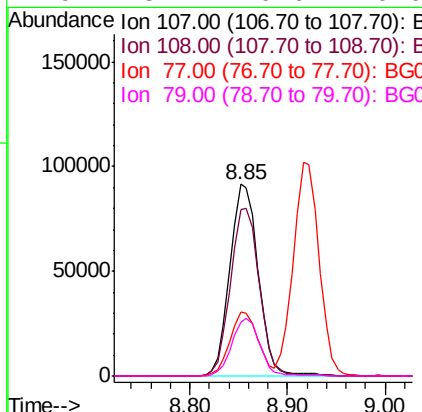
Manual Integrations
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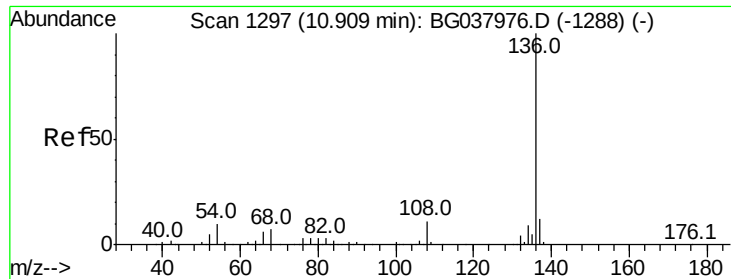
mohammad
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#20
3+4-Methylphenols
Concen: 48.136 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.4	69.9	109.9	
77	33.4	11.2	51.2	
79	28.4	6.6	46.6	





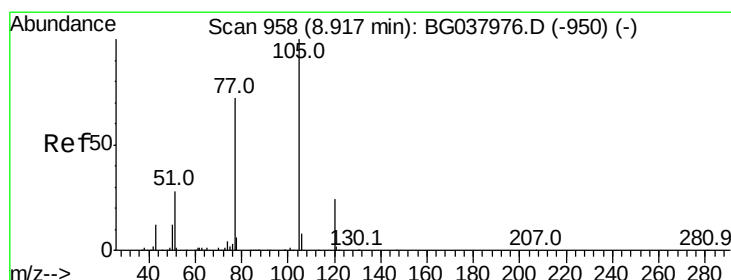
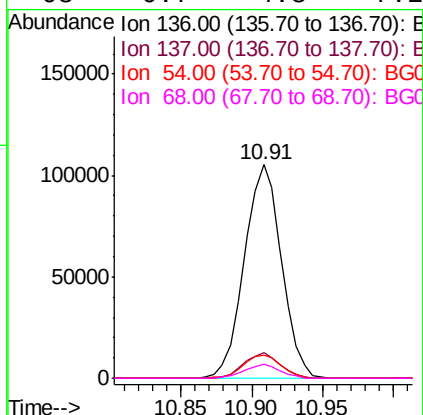
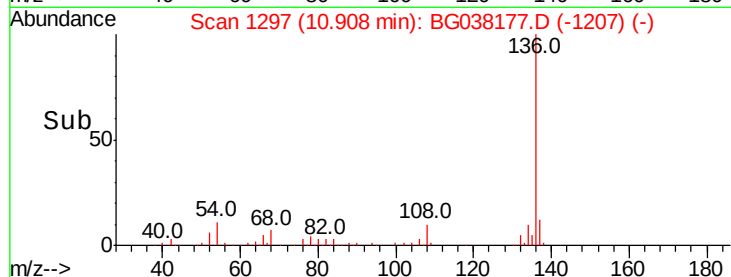
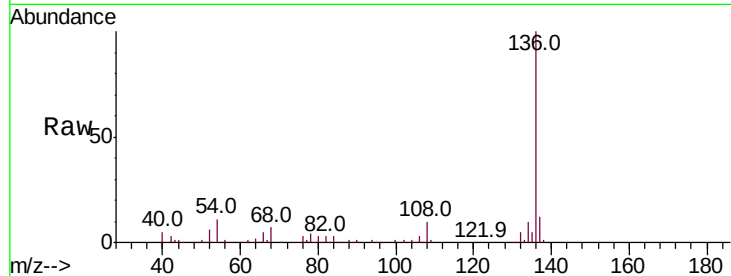
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	193989		
137	11.8		9.6	14.4
54	11.0		7.9	11.9
68	6.7		4.8	7.2

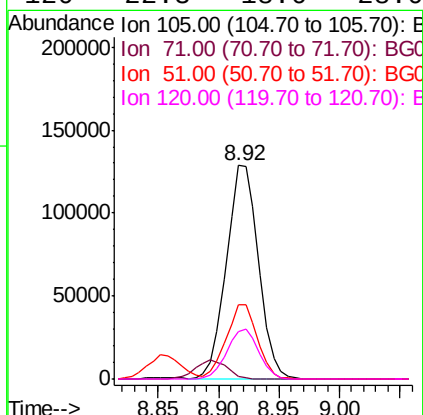
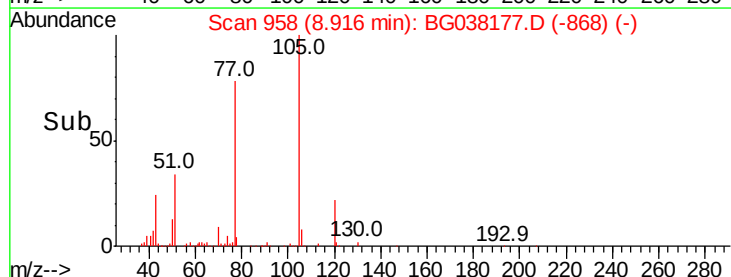
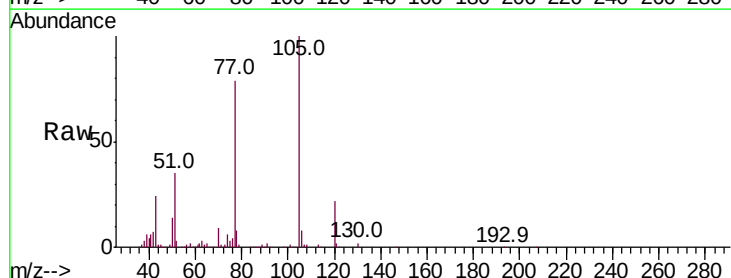
Manual Integrations
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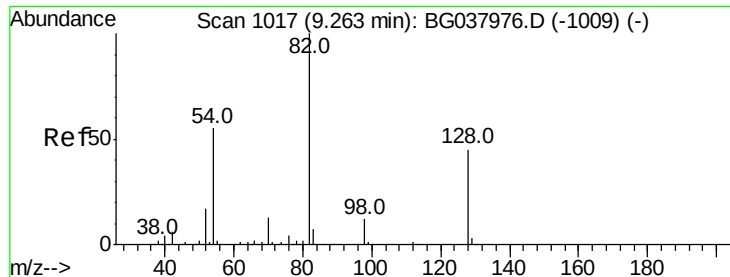
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#22
Acetophenone
Concen: 48.942 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	236223		
71	1.5		1.2	1.8
51	34.6		25.0	37.6
120	22.3		18.6	28.0





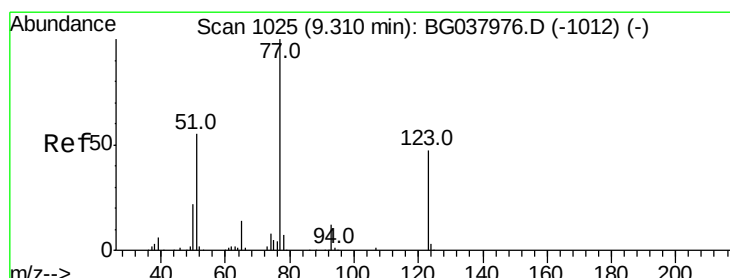
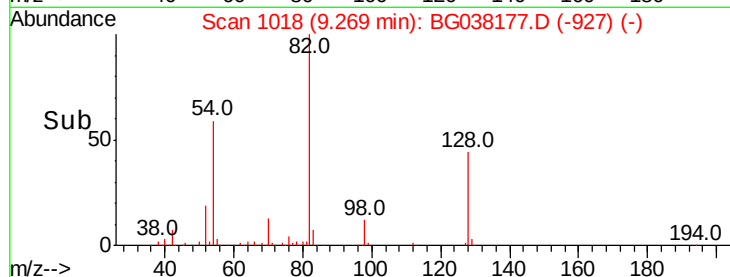
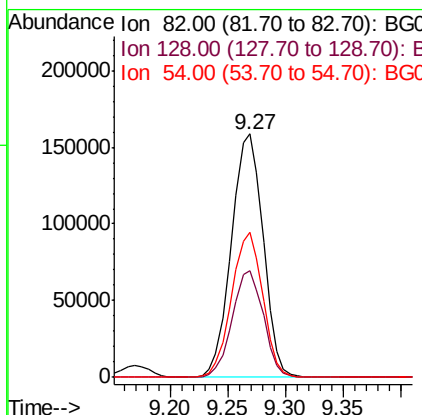
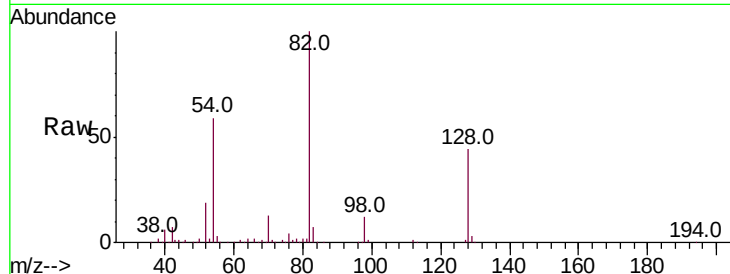
#23
Nitrobenzene-d5
Concen: 83.550 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	59.5	45.3	67.9

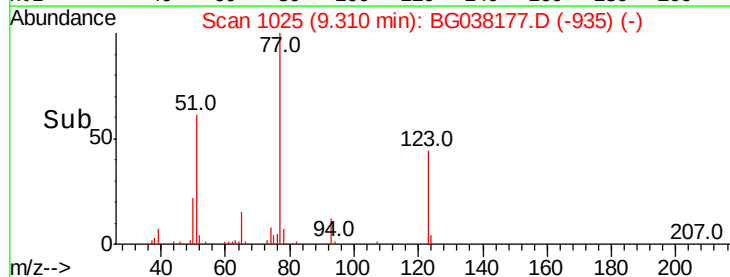
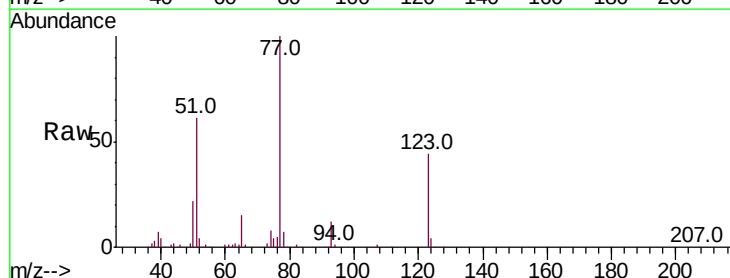
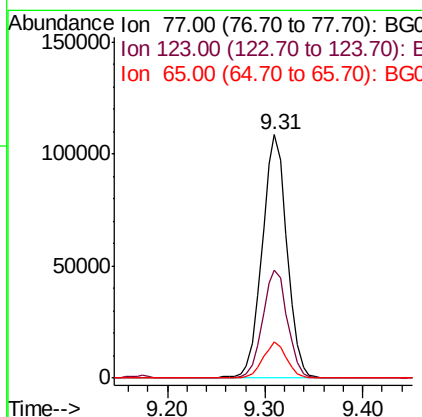
Manual Integrations
APPROVED

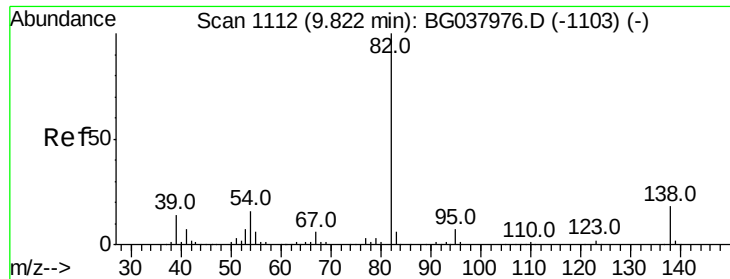
mohammad
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#24
Nitrobenzene
Concen: 52.252 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.3	33.6	50.4
65	14.9	11.3	16.9





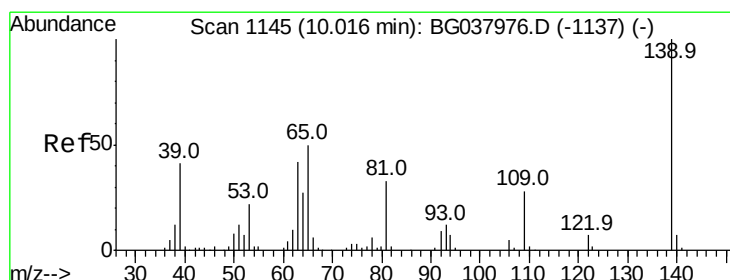
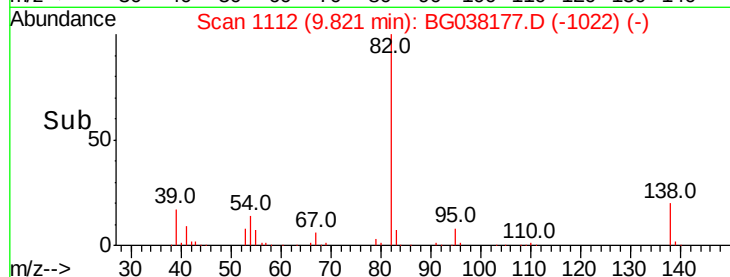
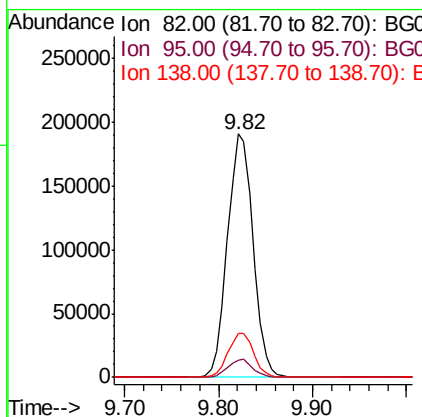
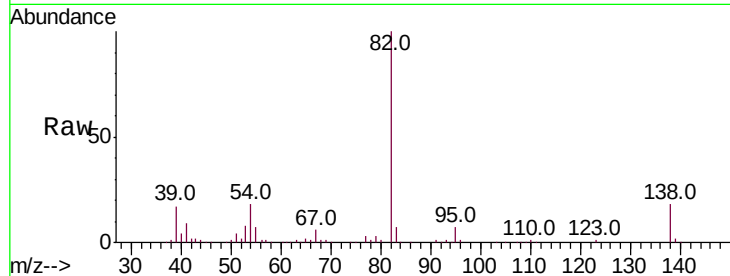
#25
Isophorone
Concen: 55.202 ng
RT: 9.82 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.3	7.9
138	17.8	13.3	19.9

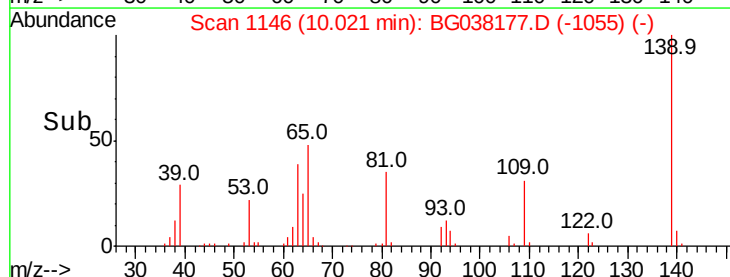
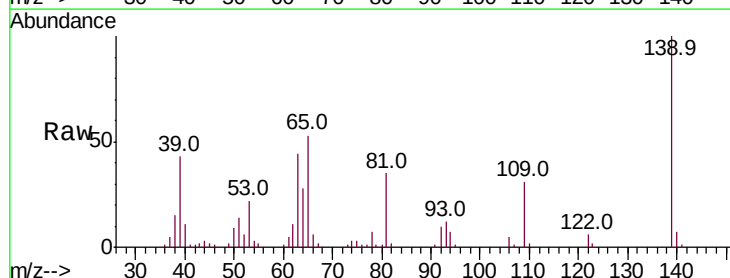
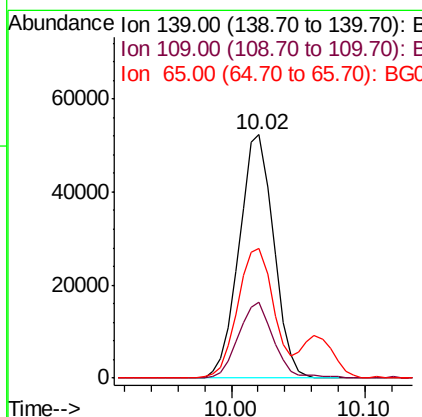
Manual Integrations
APPROVED

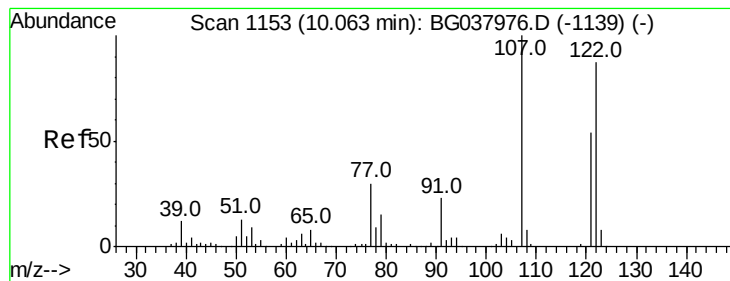
mohammad
11/28/2018 4:57:35 PM



#26
2-Nitrophenol
Concen: 50.647 ng
RT: 10.02 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.0	23.3	34.9
65	53.2	39.8	59.8





#27

2,4-Dimethylphenol

Concen: 56.483 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Instrument :

BNA_G

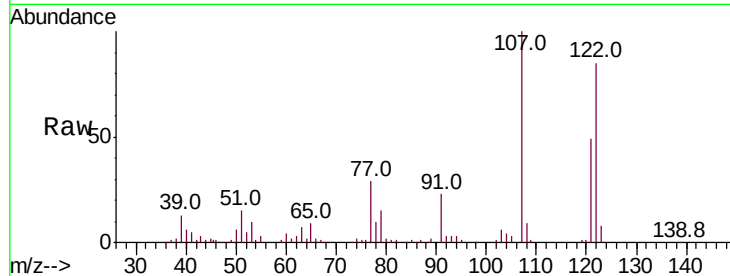
ClientSampleId :

OR-02-112118-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.0	94.2	141.2
121	57.7	47.3	70.9

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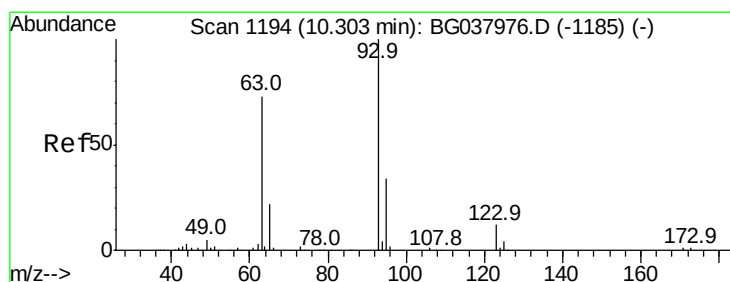
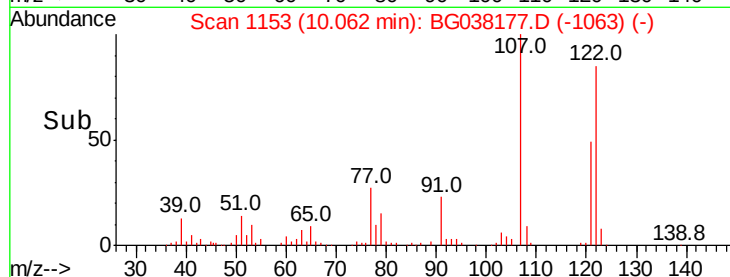
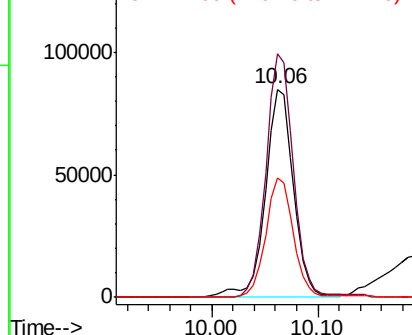


Abundance

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: 51.885 ng

RT: 10.30 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

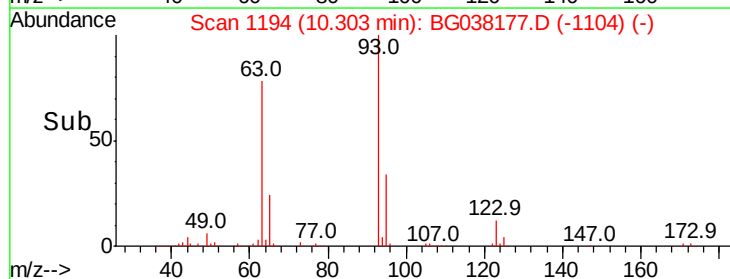
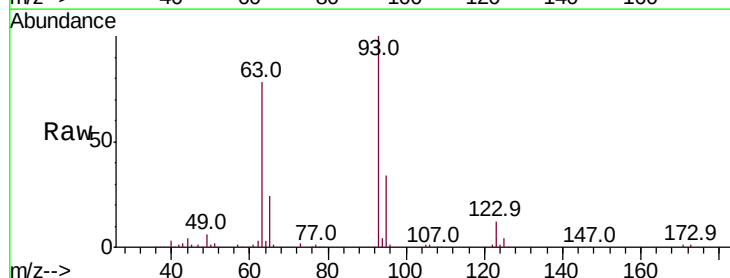
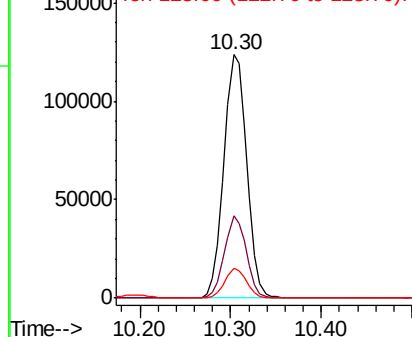
Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	24.6	37.0
123	12.2	9.1	13.7

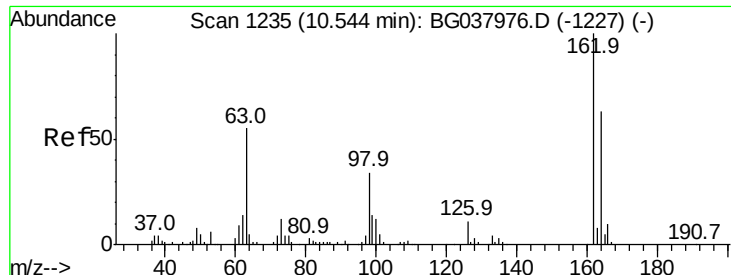
Abundance

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





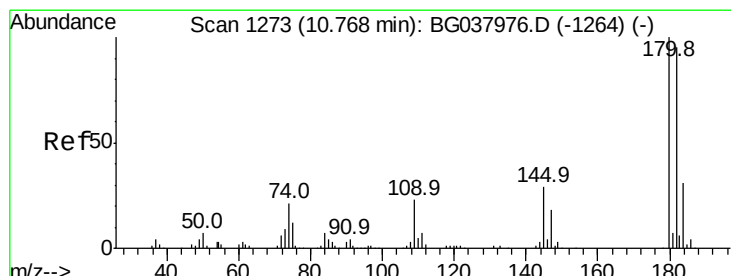
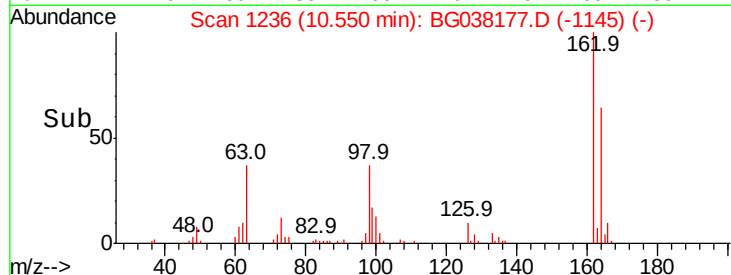
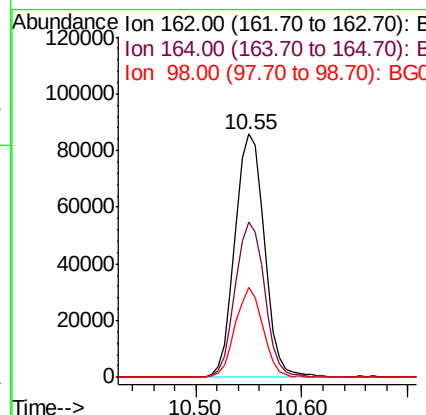
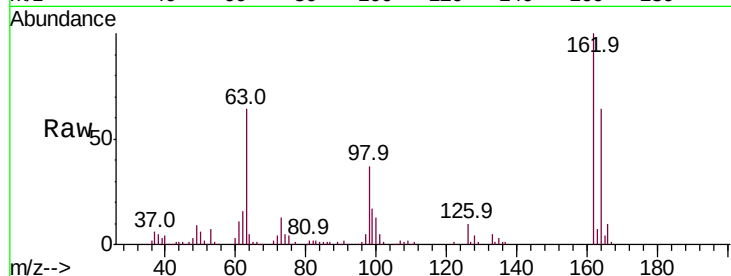
#29
2,4-Dichlorophenol
Concen: 52.727 ng
RT: 10.55 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	165373		
164	63.9	43.2	83.2	
98	37.0	16.0	56.0	

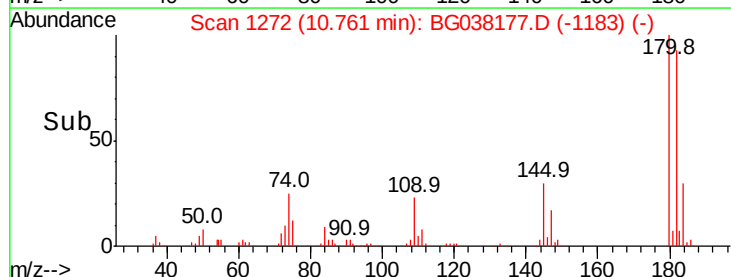
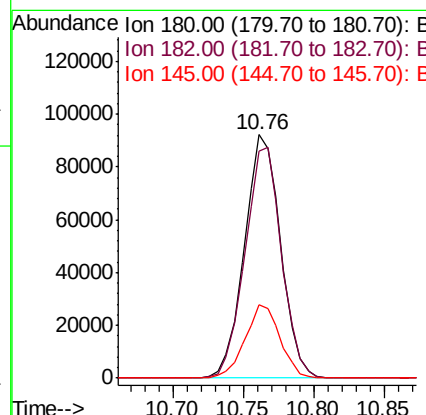
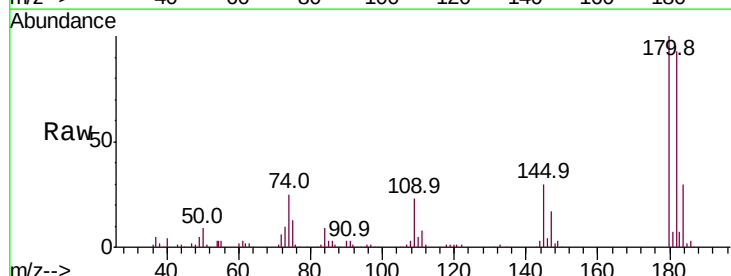
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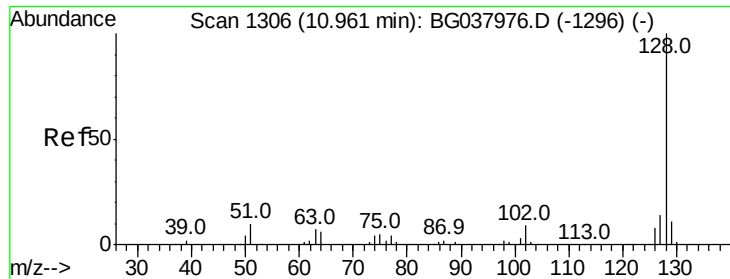
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 47.001 ng
RT: 10.76 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	165192		
182	93.0	77.7	116.5	
145	30.0	23.3	34.9	





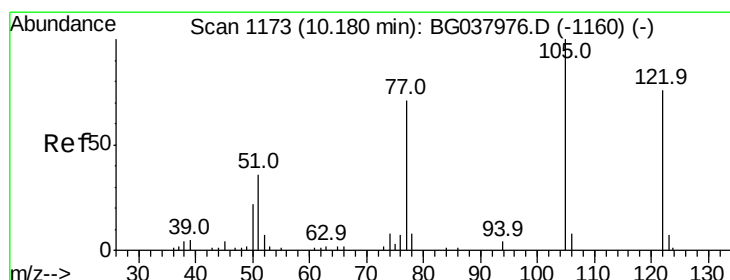
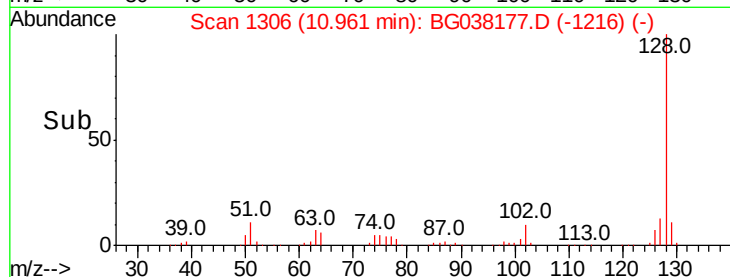
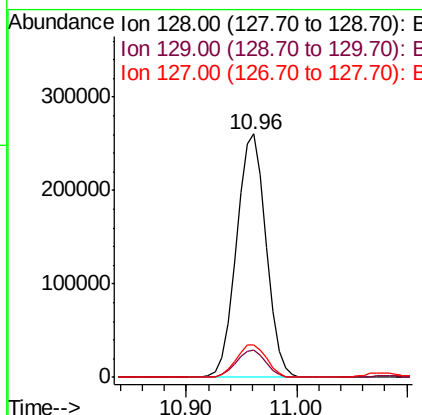
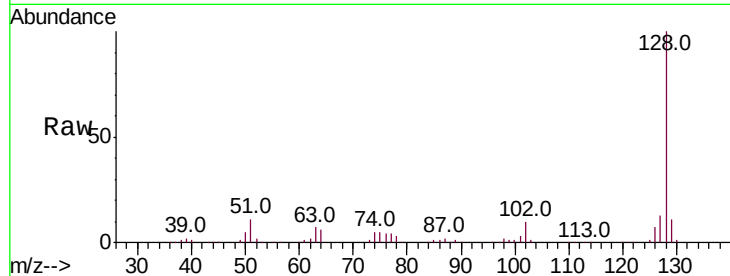
#31
Naphthalene
Concen: 51.285 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.4	11.1	16.7

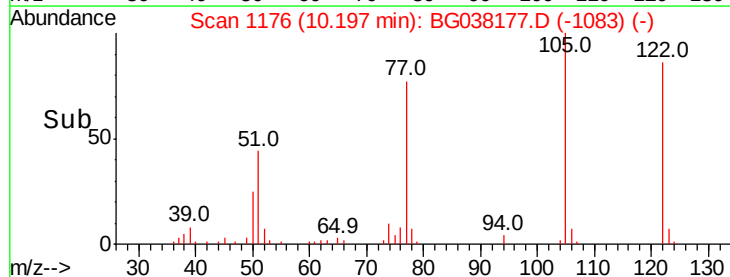
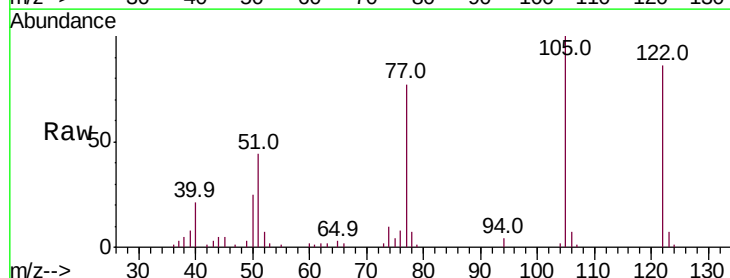
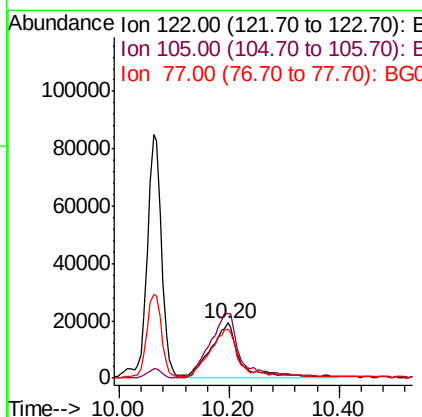
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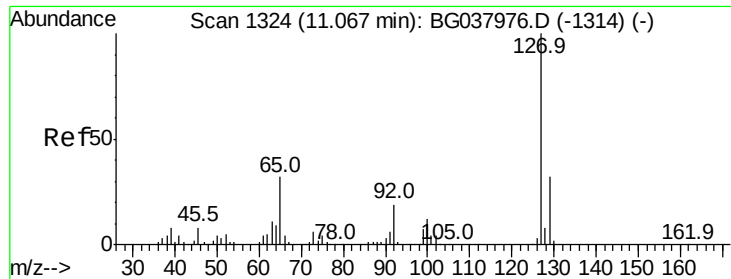
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#32
Benzoic acid
Concen: 40.564 ng m
RT: 10.20 min Scan# 1176
Delta R.T. 0.02 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.5	106.7	146.7
77	89.1	72.2	112.2





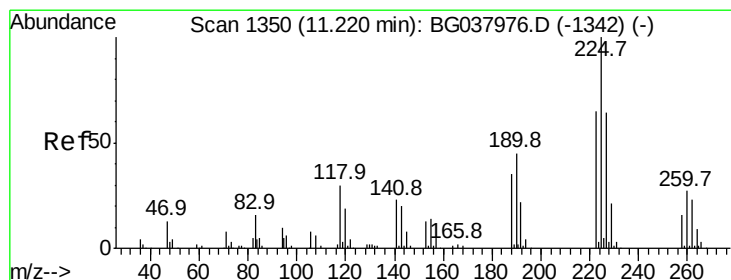
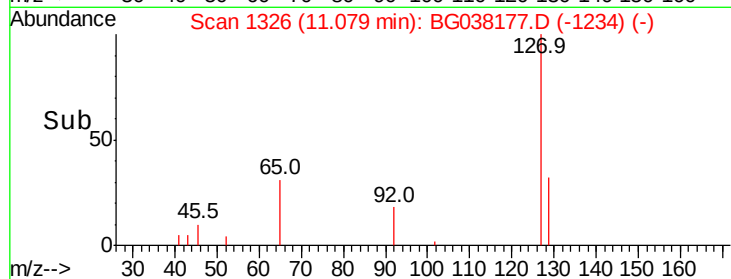
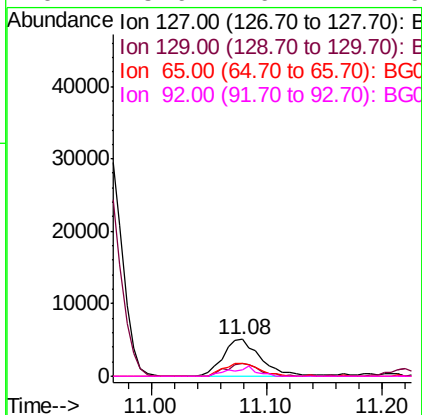
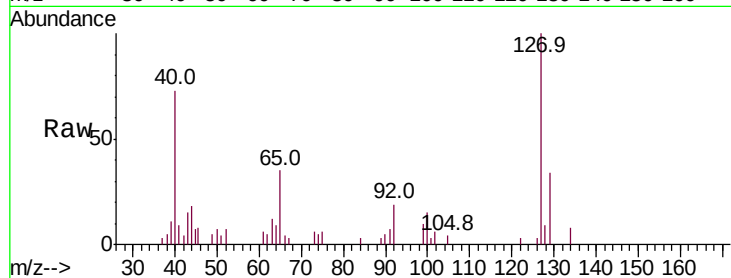
#33
4-Chloroaniline
Concen: 2.630 ng
RT: 11.08 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-AMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.8	27.1	40.7
65	35.4	26.6	39.8
92	18.6	16.4	24.6

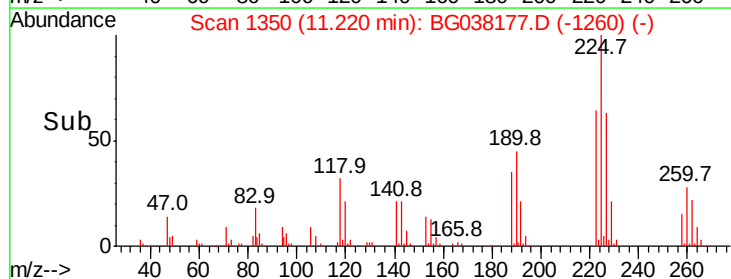
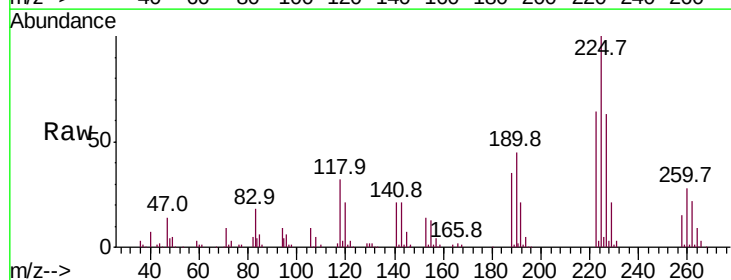
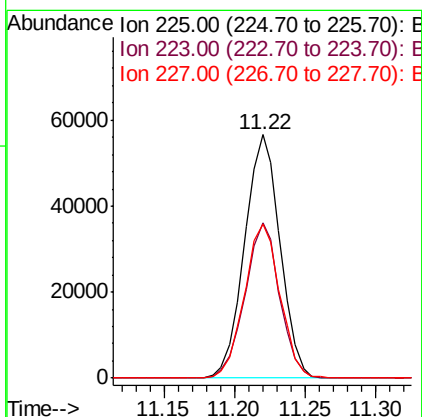
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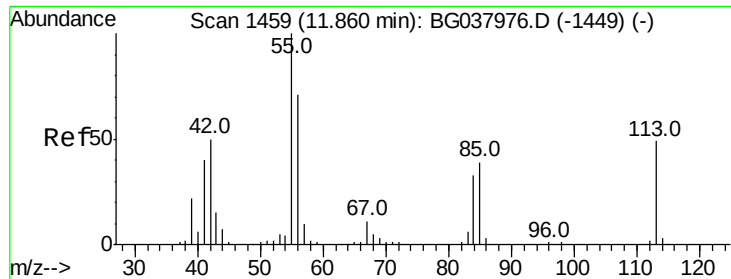
mohammad
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#34
Hexachlorobutadiene
Concen: 46.027 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	48.2	72.4
227	63.3	51.6	77.4





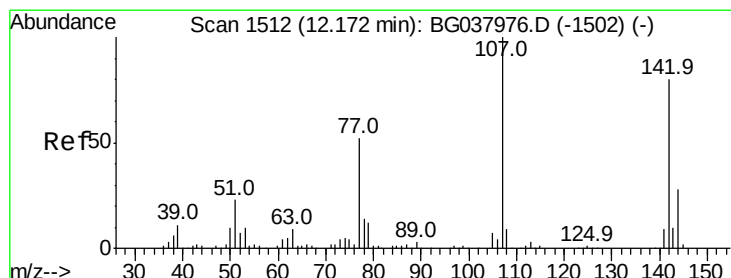
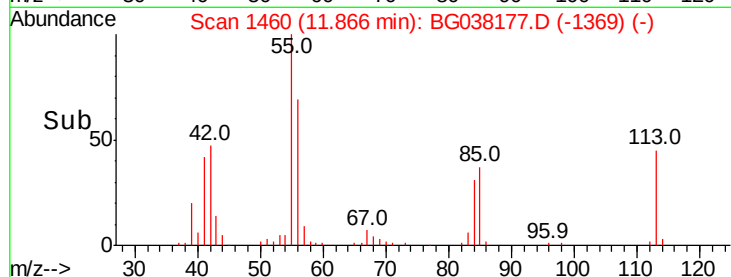
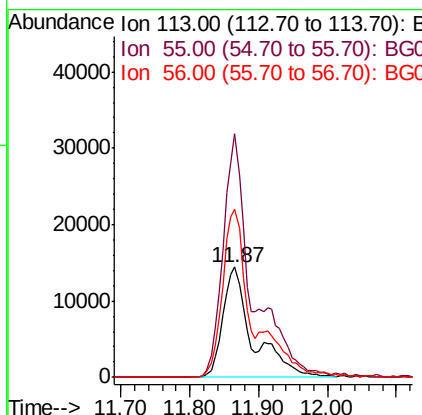
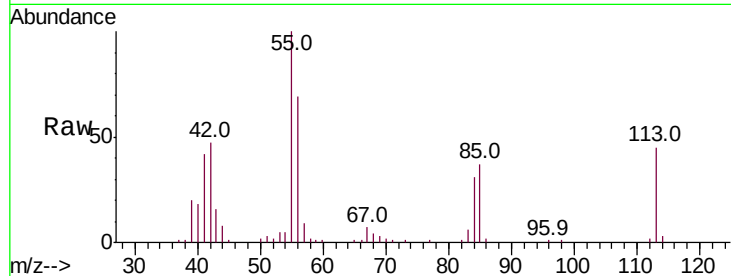
#35
Caprolactam
Concen: 34.571 ng/ml
RT: 11.87 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-AMSD

Tot Ion:113 Resp: 43401
Ion Ratio Lower Upper
113 100
55 221.2 176.6 216.6#
56 152.7 128.3 168.3

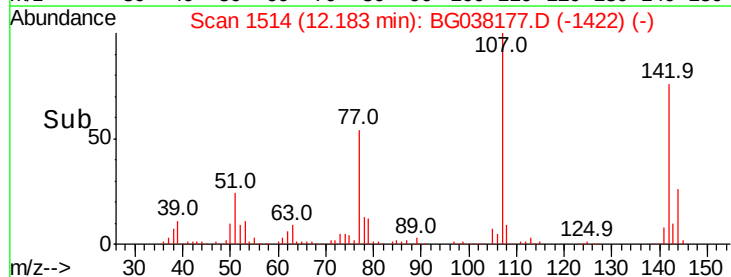
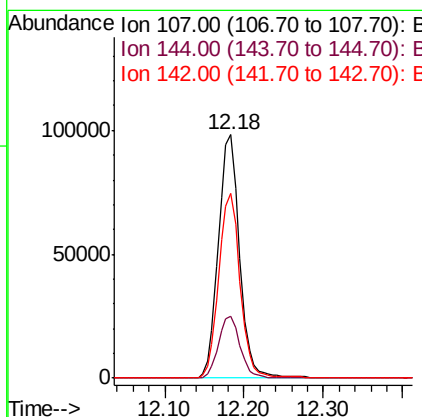
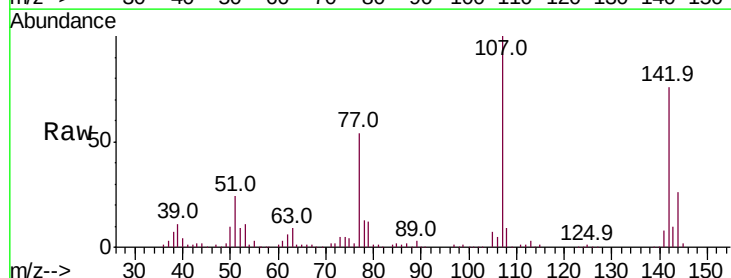
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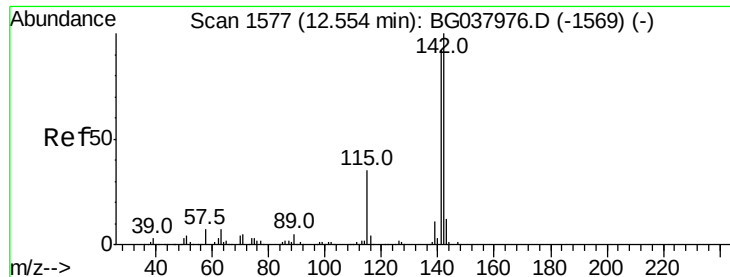
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#36
4-Chloro-3-methylphenol
Concen: 53.249 ng
RT: 12.18 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Tgt Ion:107 Resp: 182462
Ion Ratio Lower Upper
107 100
144 25.7 20.7 31.1
142 75.9 64.4 96.6





#37

2-Methylnaphthalene

Concen: 52.327 ng

RT: 12.55 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Instrument :

BNA_G

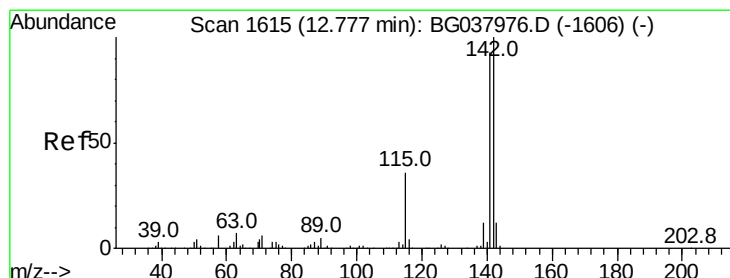
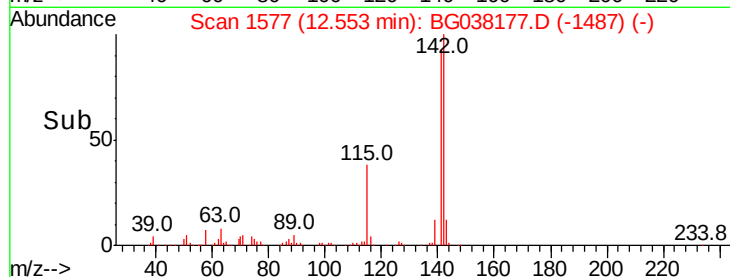
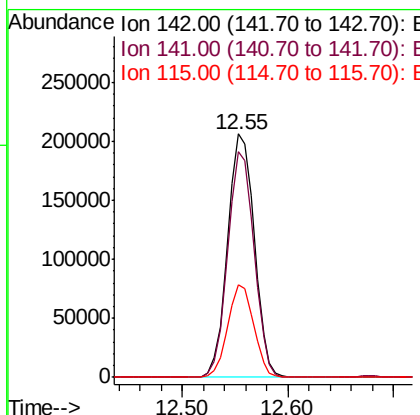
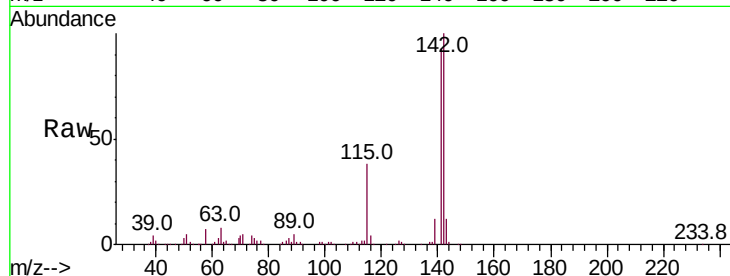
ClientSampleId :

OR-02-112118-AMSD

Tot Ion:	142	Resp:	358628
Ion Ratio	Lower	Upper	
142	100		
141	92.6	71.9	107.9
115	38.2	27.8	41.8

Manual Integrations
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#38

1-Methylnaphthalene

Concen: 52.279 ng

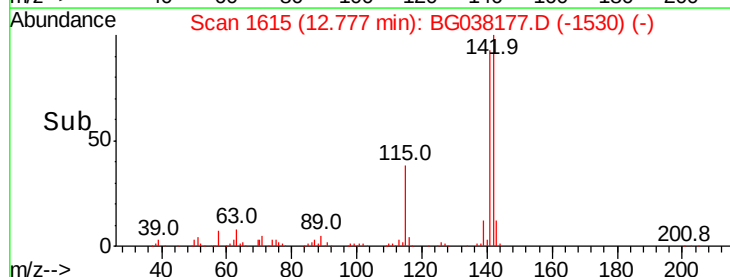
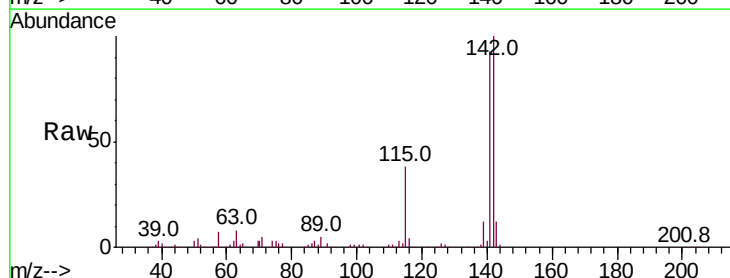
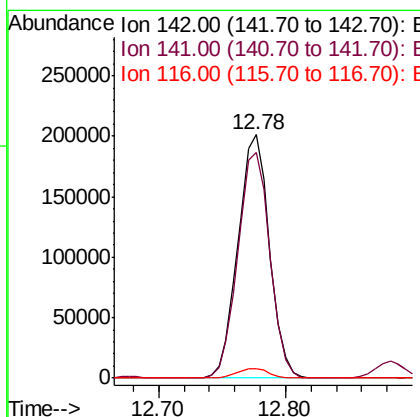
RT: 12.78 min Scan# 1615

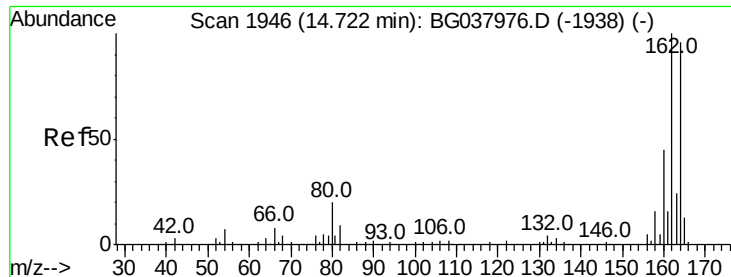
Delta R.T. -0.00 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Tgt Ion:	142	Resp:	344885
Ion Ratio	Lower	Upper	
142	100		
141	92.8	75.2	112.8
116	4.1	3.3	4.9





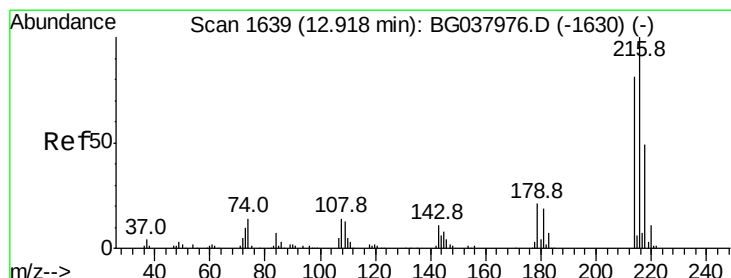
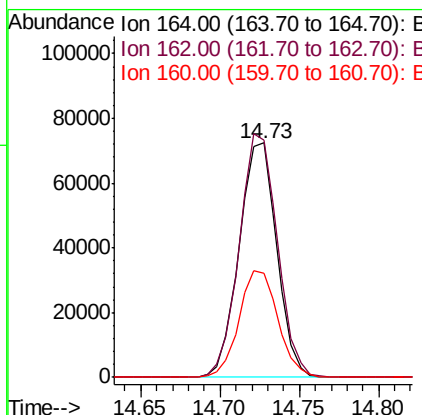
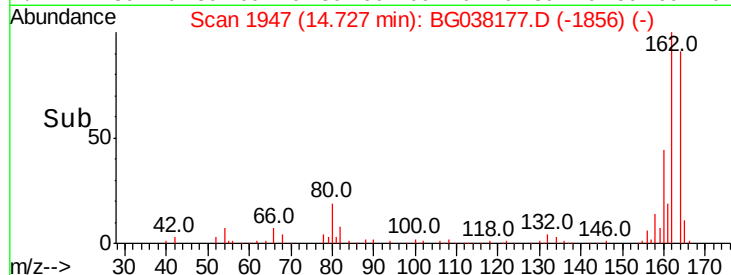
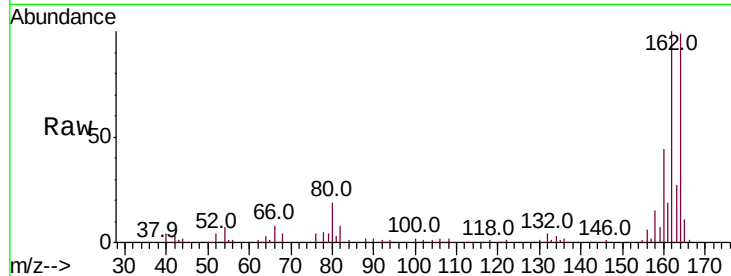
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.3	81.3	121.9	
160	44.4	36.3	54.5	

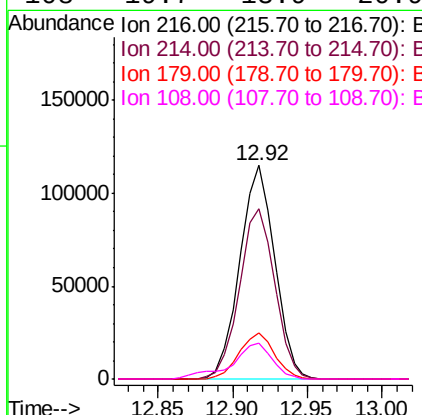
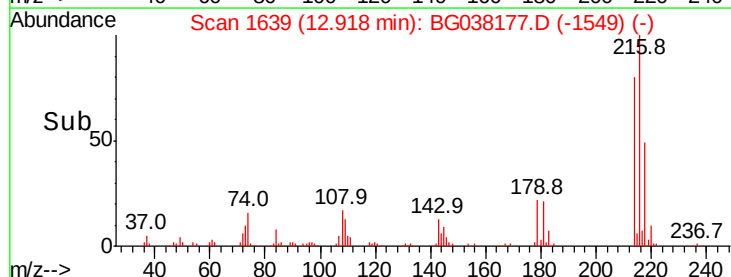
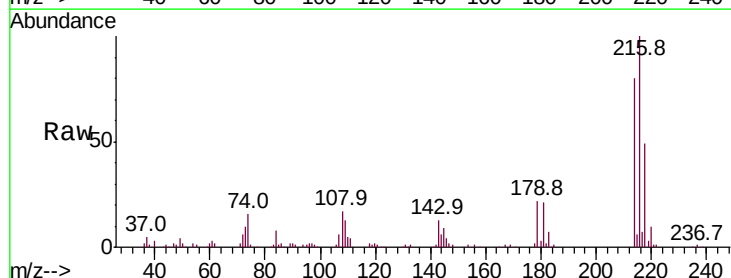
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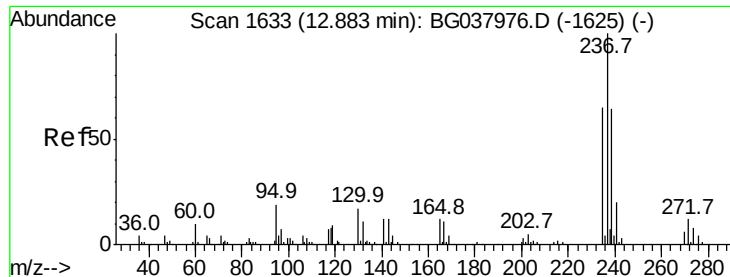
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.724 ng
RT: 12.92 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.3	63.8	95.6	
179	21.8	17.4	26.0	
108	19.7	13.9	20.9	





#41

Hexachlorocyclopentadiene

Concen: 85.607 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Instrument :

BNA_G

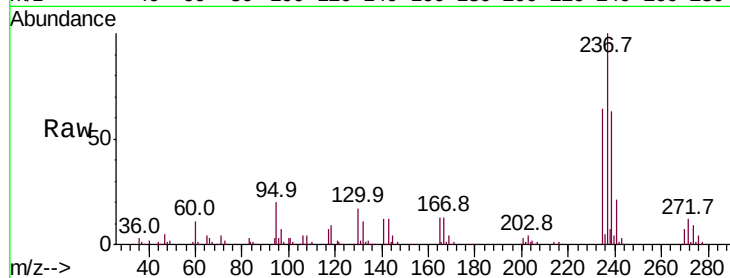
ClientSampleId :

OR-02-112118-AMSD

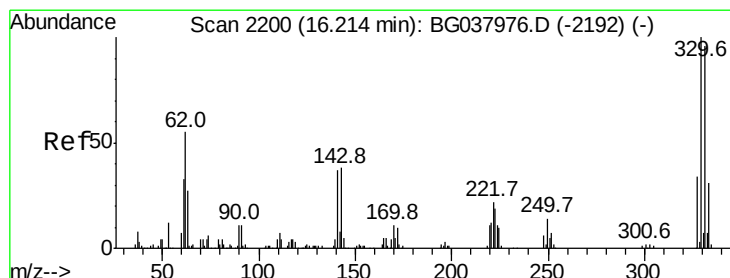
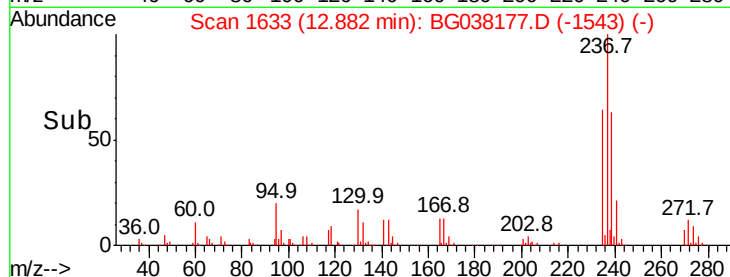
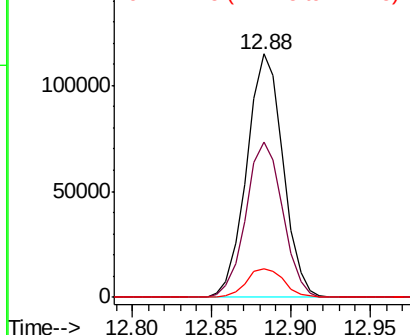
Tot Ion:	237	Resp:	182923
Ion Ratio	Lower	Upper	
237	100		
235	63.5	42.5	82.5
272	11.9	0.0	31.6

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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: 125.199 ng

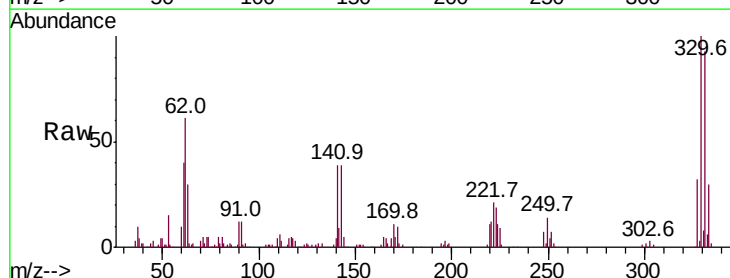
RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

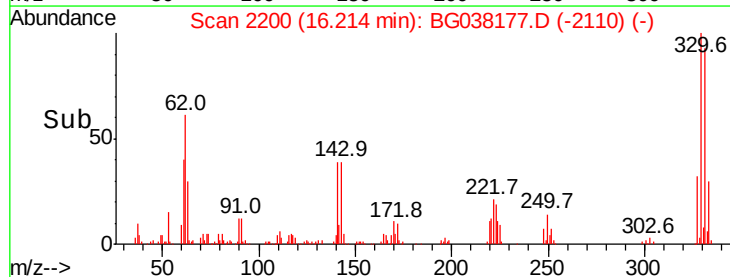
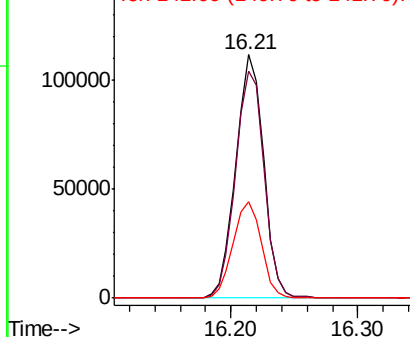
Lab File: BG038177.D

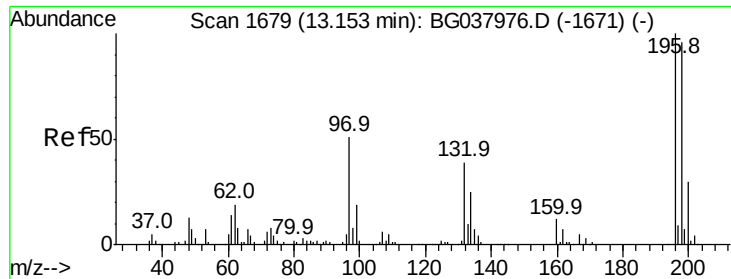
Acq: 27 Nov 2018 21:36

Tgt Ion:	330	Resp:	170513
Ion Ratio	Lower	Upper	
330	100		
332	96.0	78.4	117.6
141	40.5	32.2	48.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





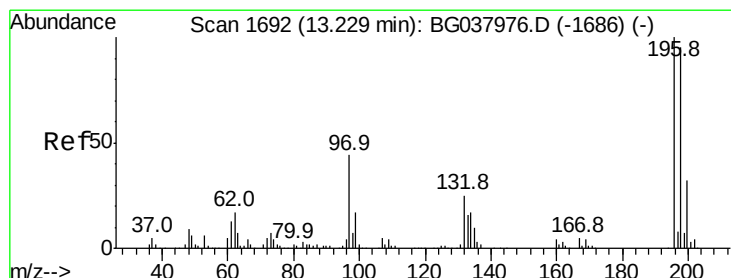
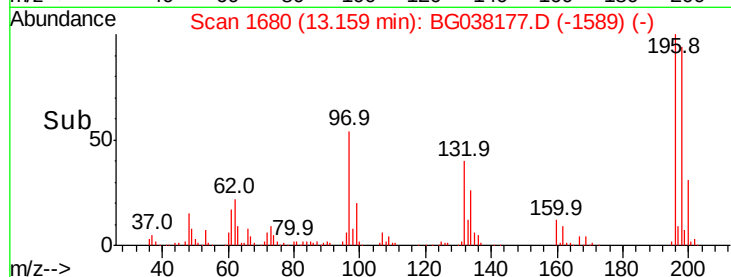
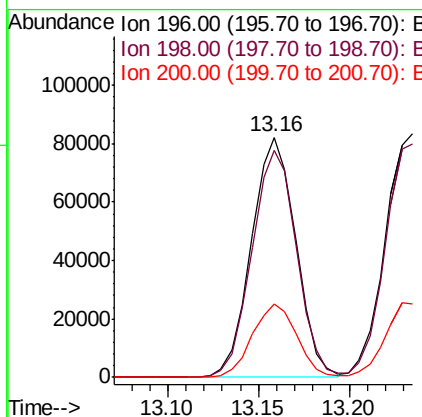
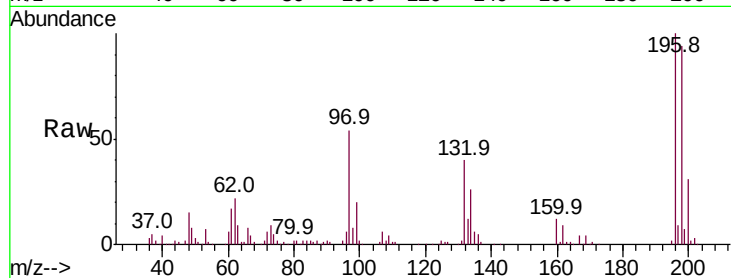
#43
 2,4,6-Trichlorophenol
 Concen: 51.225 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. 0.01 min
 Lab File: BG038177.D
 Acq: 27 Nov 2018 21:36

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-112118-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	139290		
198	94.4	76.4	114.6	
200	30.7	24.9	37.3	

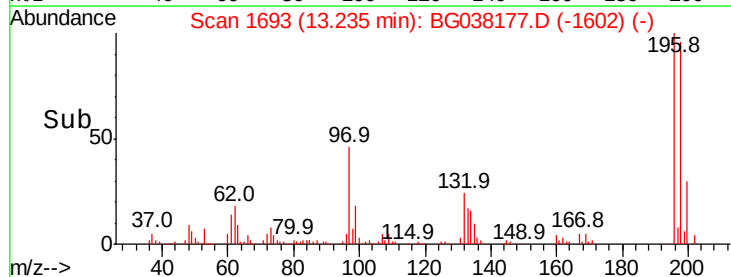
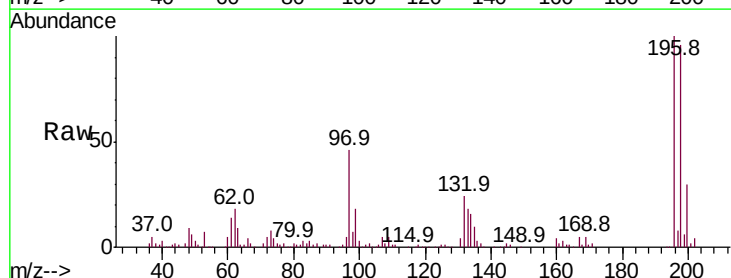
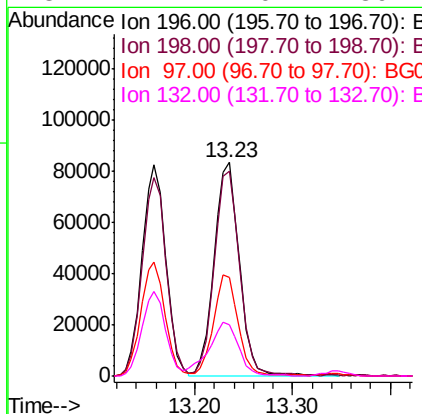
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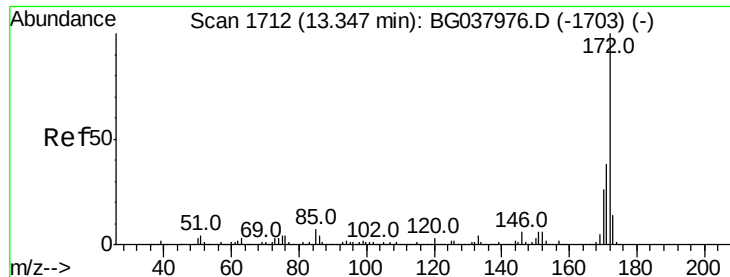
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#44
 2,4,5-Trichlorophenol
 Concen: 51.887 ng
 RT: 13.23 min Scan# 1693
 Delta R.T. 0.01 min
 Lab File: BG038177.D
 Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	148454		
198	95.6	74.2	111.2	
97	46.0	34.1	51.1	
132	24.2	20.2	30.4	





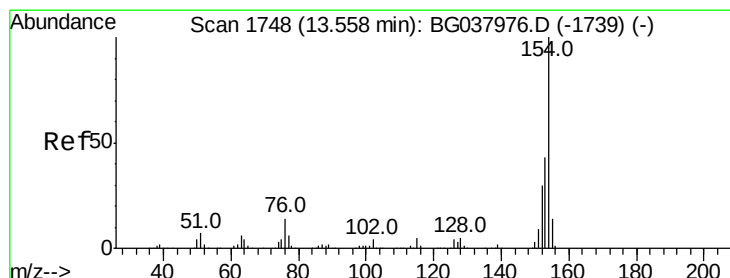
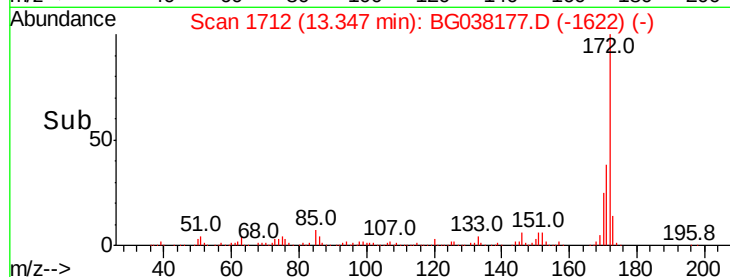
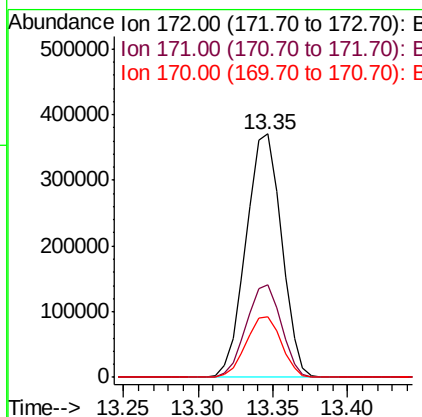
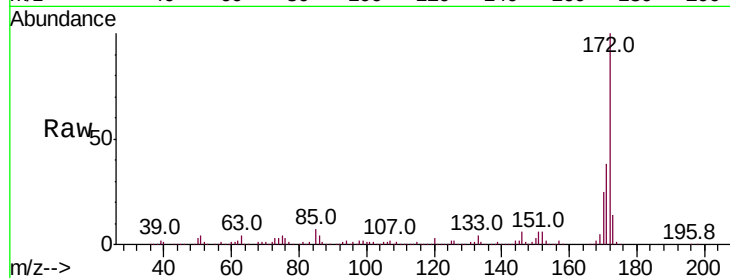
#45
2-Fluorobiphenyl
Concen: 74.559 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	25.1	20.2	30.2

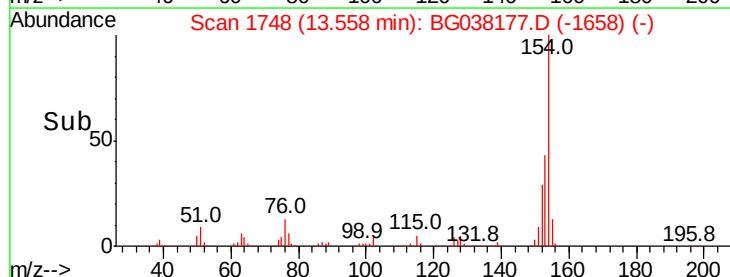
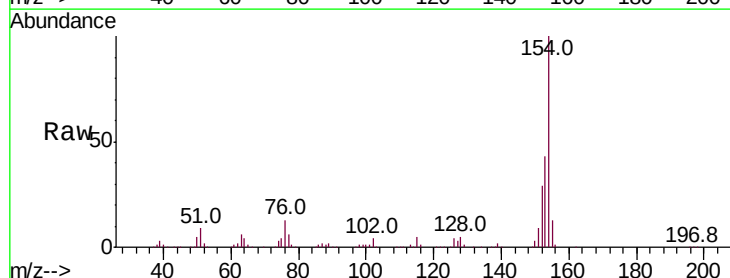
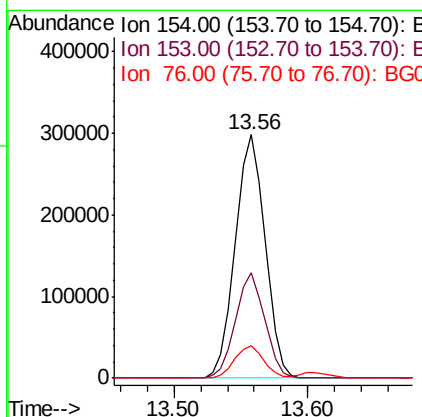
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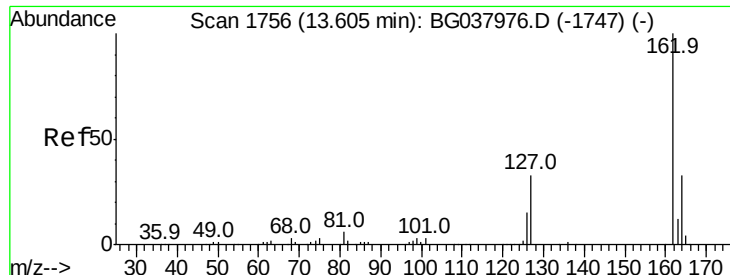
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#46
1,1'-Biphenyl
Concen: 46.108 ng
RT: 13.56 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	22.1	62.1
76	13.4	0.0	33.2





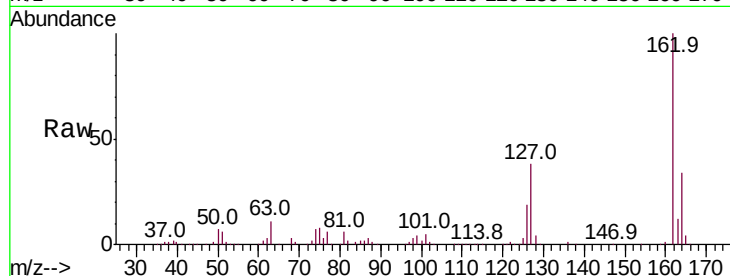
#47
 2-Chloronaphthalene
 Concen: 47.932 ng
 RT: 13.61 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: BG038177.D
 Acq: 27 Nov 2018 21:36

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-112118-AMSD

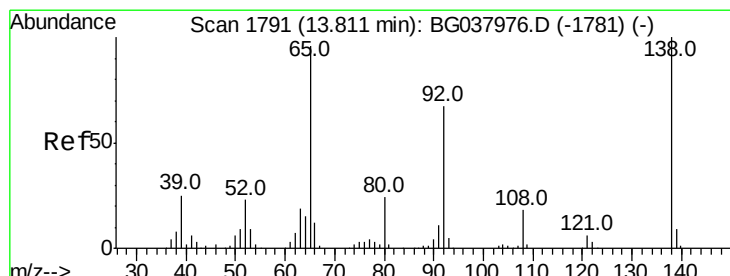
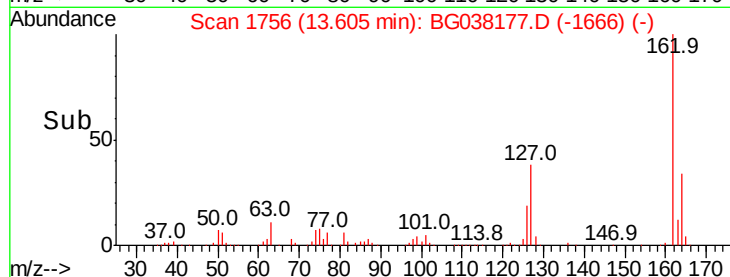
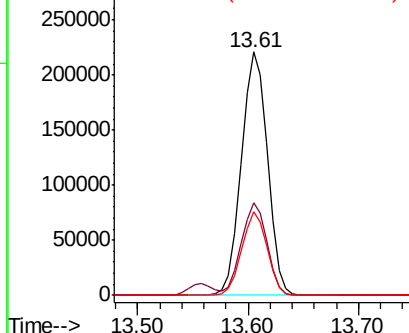
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.5	45.7
164	34.2	26.4	39.6

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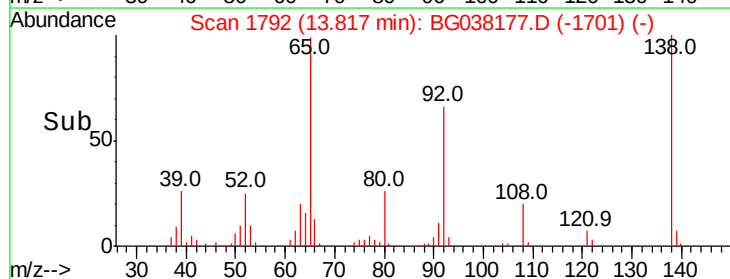
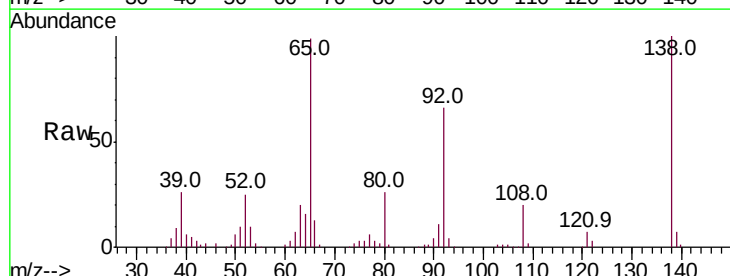
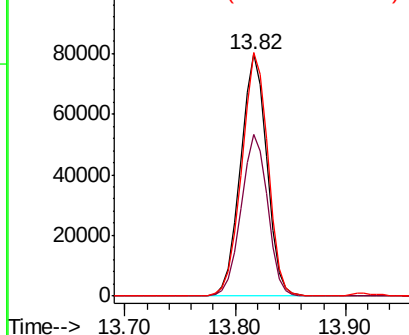
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

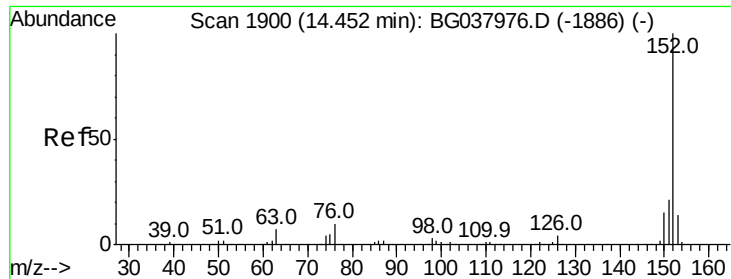


#48
 2-Nitroaniline
 Concen: 55.403 ng
 RT: 13.82 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: BG038177.D
 Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.7	53.2	79.8
138	100.6	79.3	118.9

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





#49

Acenaphthylene

Concen: 52.748 ng

RT: 14.45 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Instrument :

BNA_G

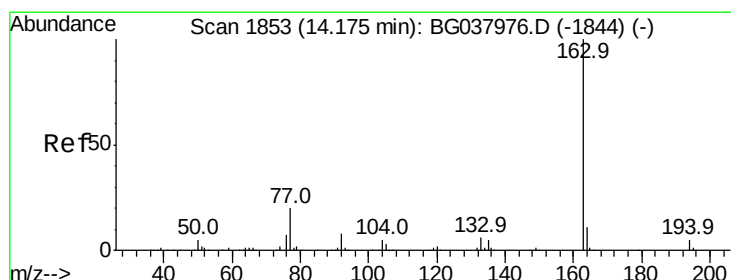
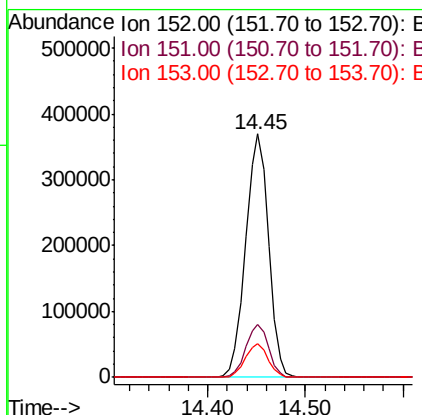
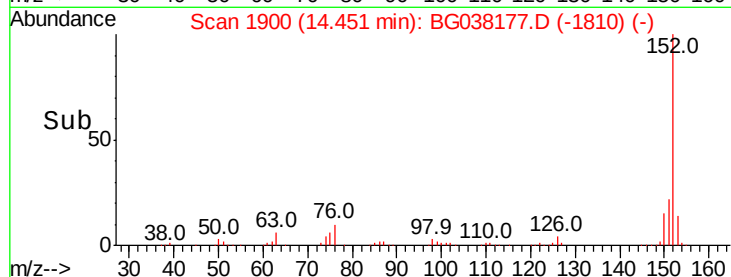
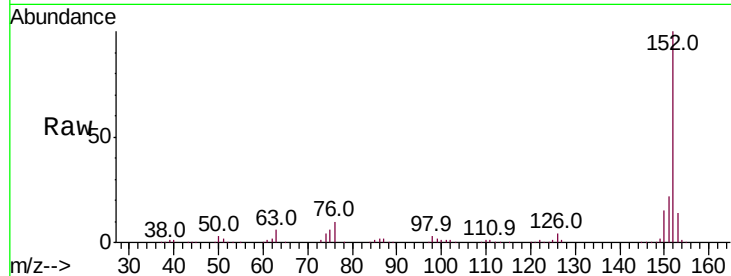
ClientSampleId :

OR-02-112118-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.1	25.7
153	13.9	11.1	16.7

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#50

Dimethylphthalate

Concen: 51.237 ng

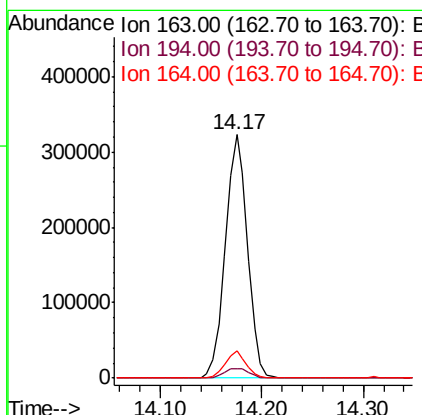
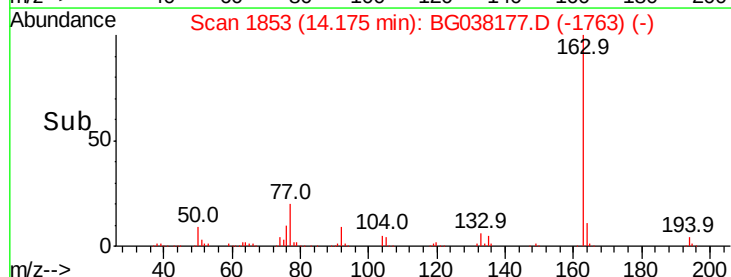
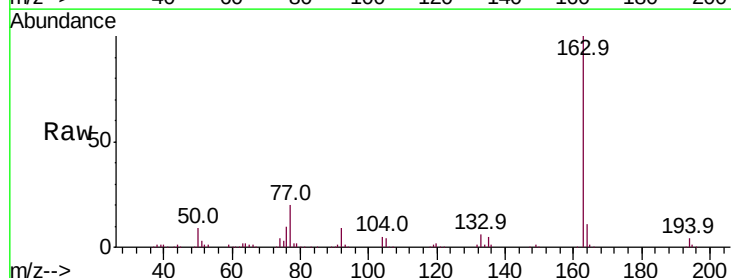
RT: 14.17 min Scan# 1853

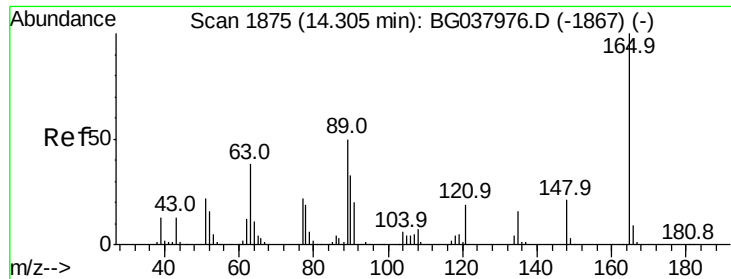
Delta R.T. -0.00 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	11.2	8.5	12.7





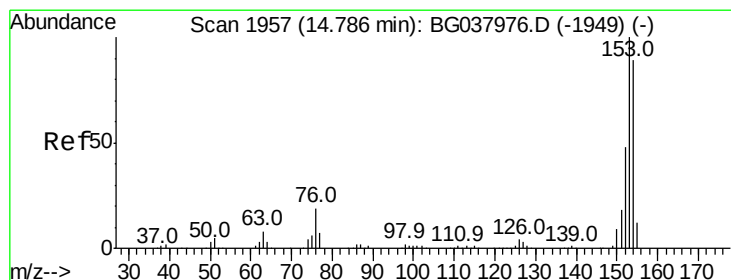
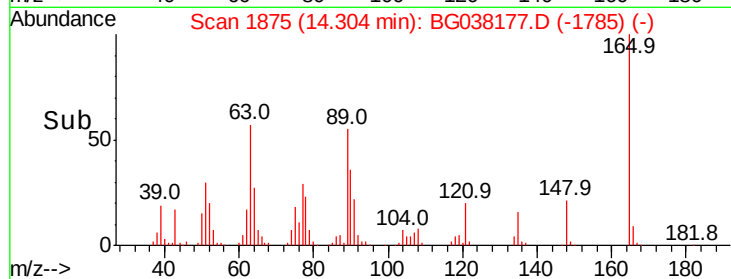
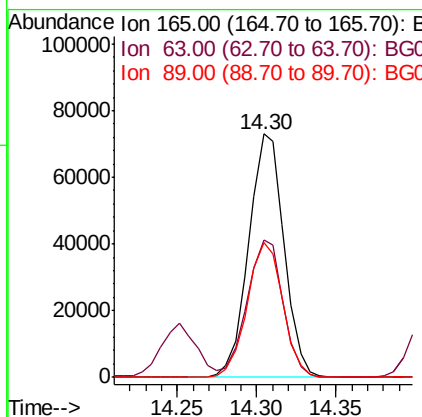
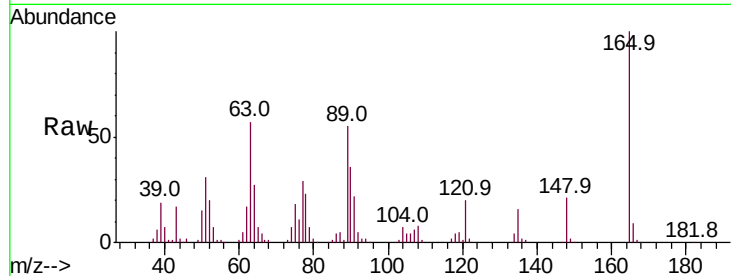
#51
 2,6-Dinitrotoluene
 Concen: 52.727 ng
 RT: 14.30 min Scan# 1875
 Delta R.T. -0.00 min
 Lab File: BG038177.D
 Acq: 27 Nov 2018 21:36

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-112118-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	112977		
63	56.6		43.4	65.2
89	55.1		45.8	68.6

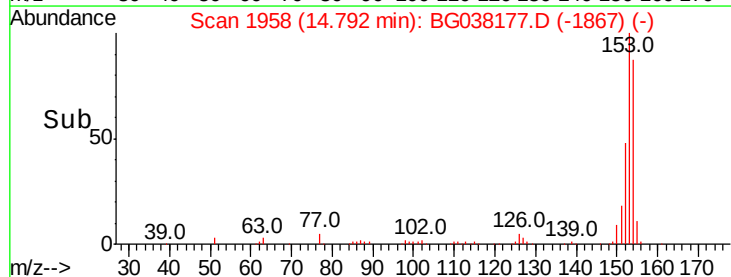
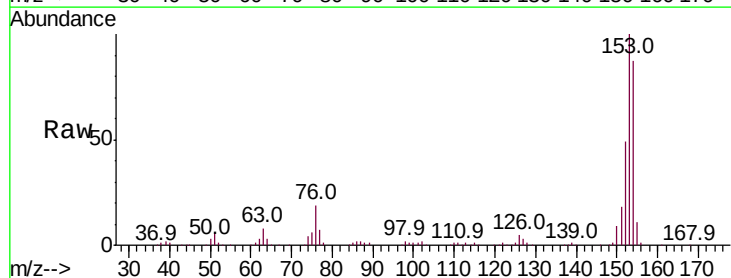
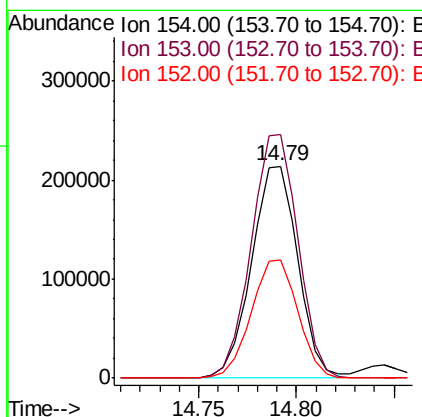
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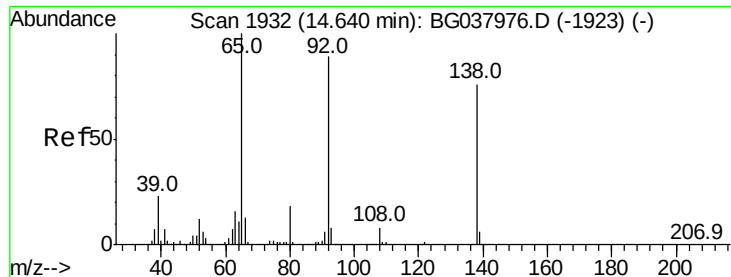
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#52
 Acenaphthene
 Concen: 50.610 ng
 RT: 14.79 min Scan# 1958
 Delta R.T. 0.01 min
 Lab File: BG038177.D
 Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	350760		
153	114.9		93.4	140.0
152	55.9		44.7	67.1





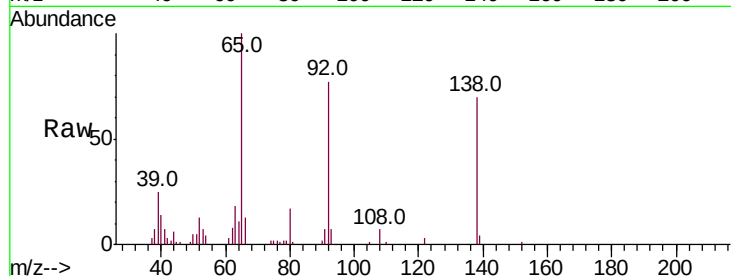
#53
3-Nitroaniline
Concen: 9.016 ng
RT: 14.64 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-AMSD

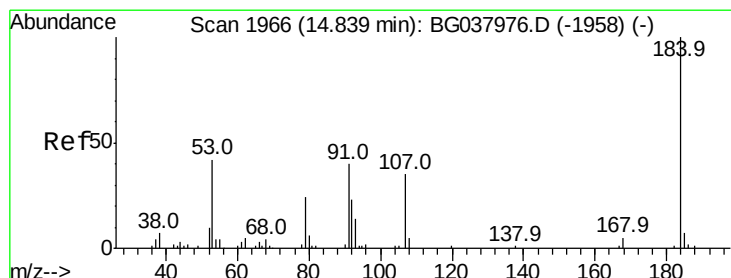
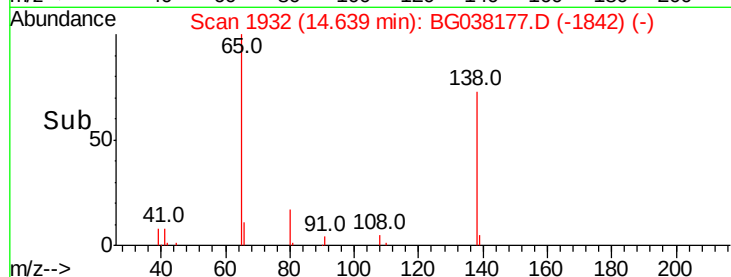
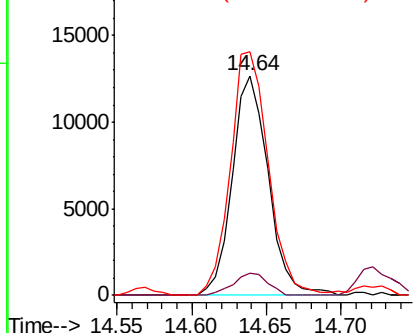
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	11.0	16.6#
92	110.9	95.2	142.8

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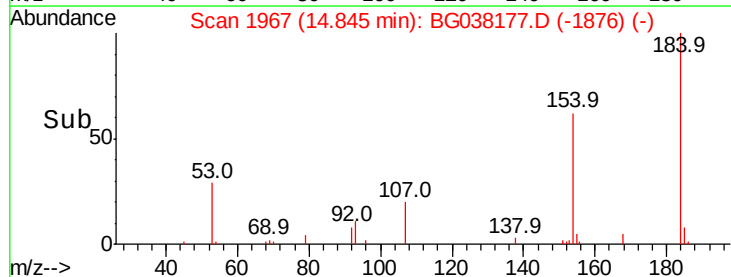
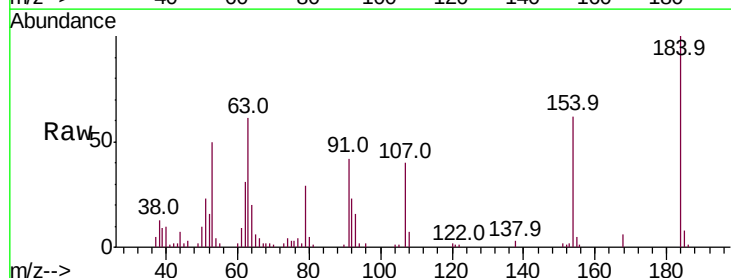
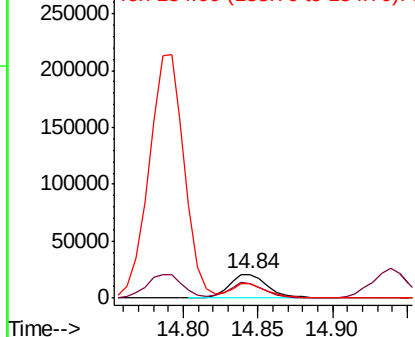
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

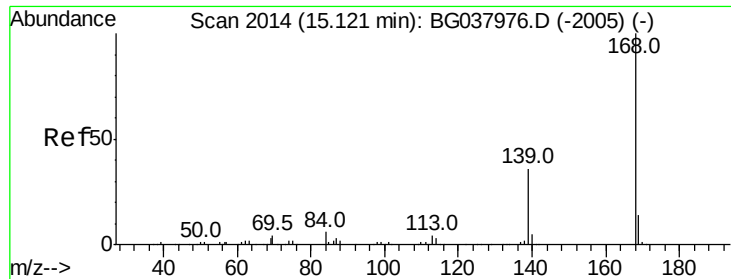


#54
2,4-Dinitrophenol
Concen: 38.550 ng
RT: 14.84 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.1	42.6	63.8
154	62.2	41.8	62.6

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





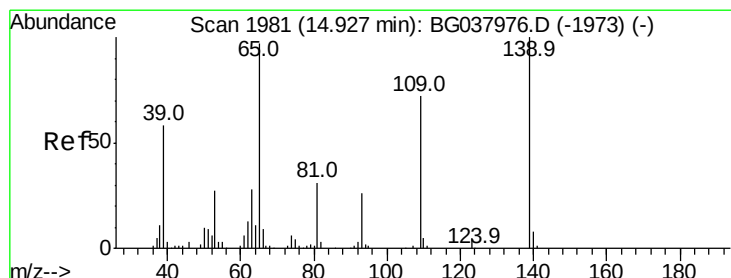
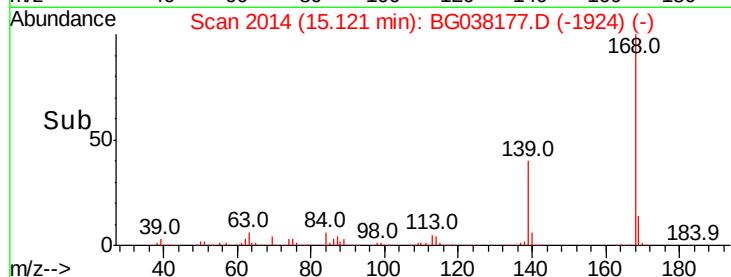
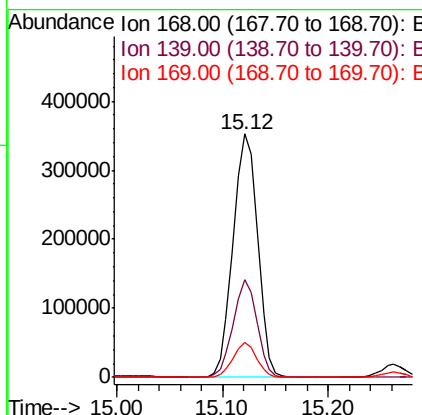
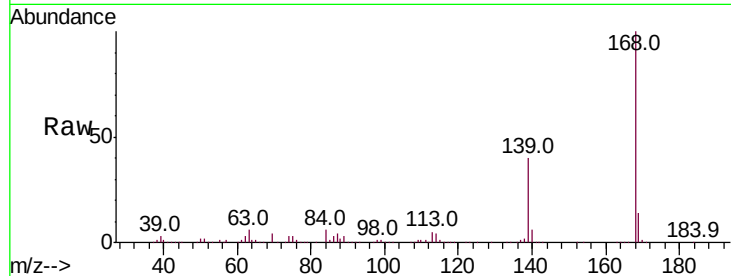
#55
Dibenzenofuran
Concen: 49.290 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	29.4	44.0
169	14.4	11.0	16.6

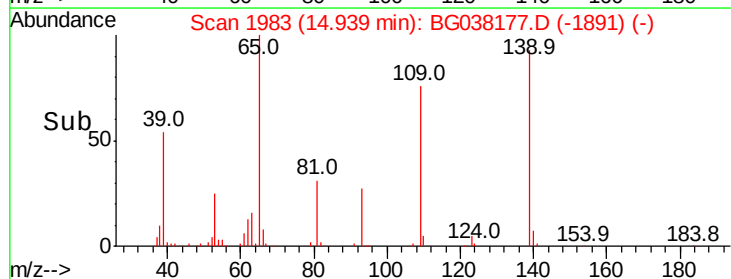
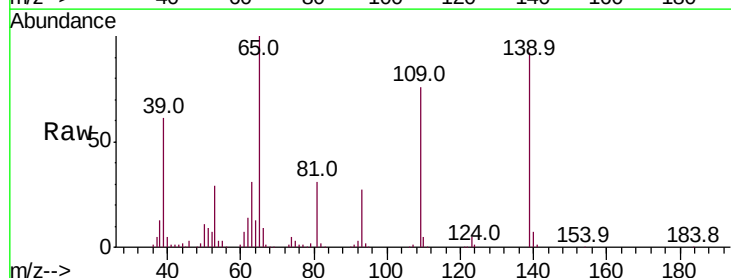
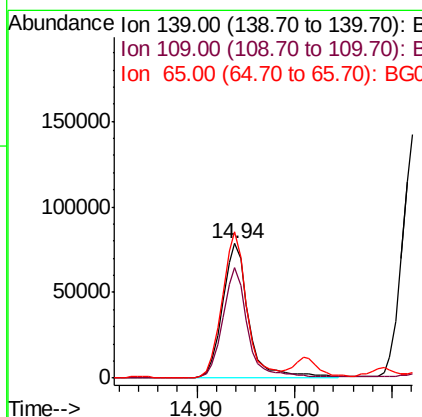
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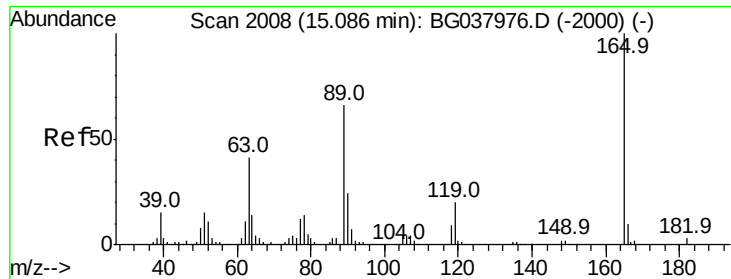
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#56
4-Nitrophenol
Concen: 80.234 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	82.2	49.5	89.5
65	108.7	76.8	116.8





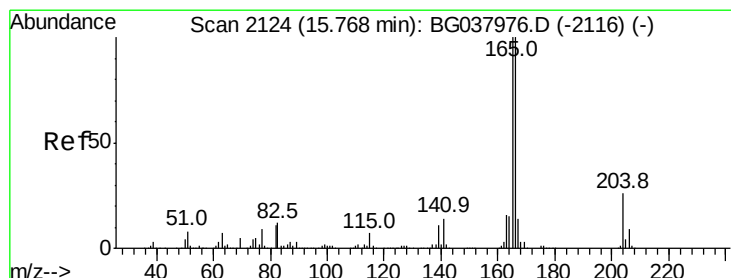
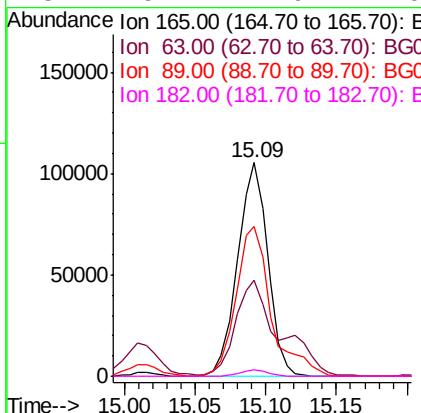
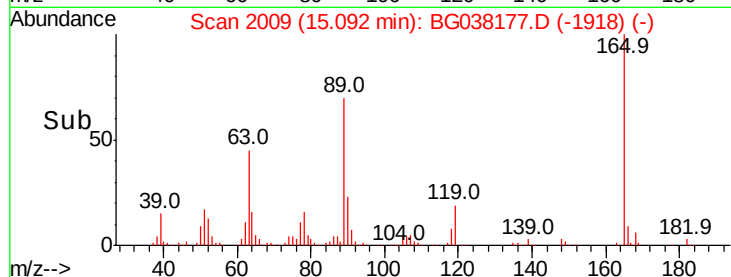
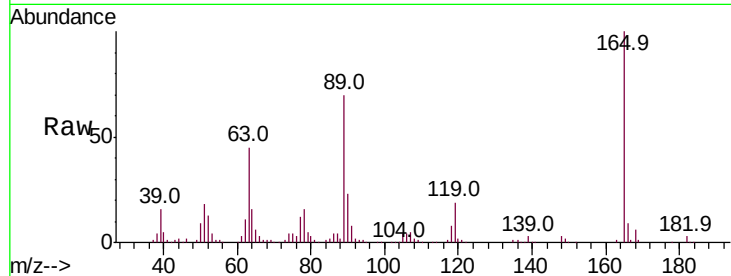
#57
 2,4-Dinitrotoluene
 Concen: 53.798 ng
 RT: 15.09 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: BG038177.D
 Acq: 27 Nov 2018 21:36

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-112118-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	156836		
63	45.1	33.4	50.0	
89	69.9	57.2	85.8	
182	3.1	2.6	4.0	

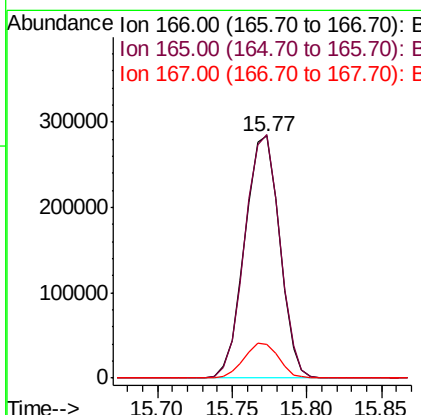
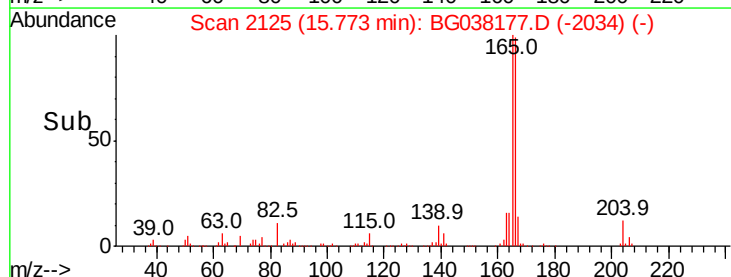
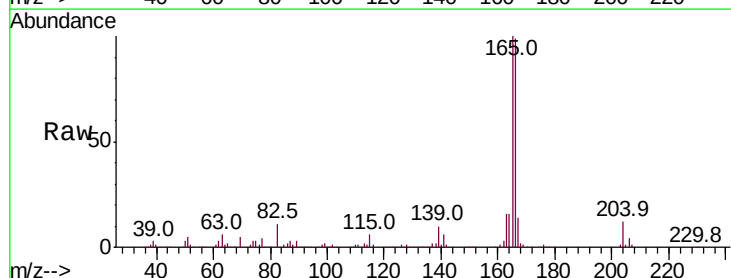
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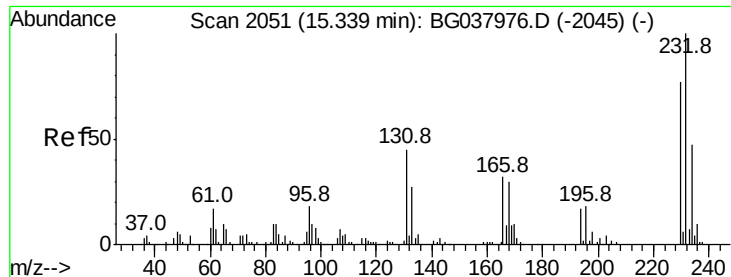
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#58
 Fluorene
 Concen: 53.593 ng
 RT: 15.77 min Scan# 2125
 Delta R.T. 0.01 min
 Lab File: BG038177.D
 Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	458253		
165	100.6	79.0	118.6	
167	13.9	11.3	16.9	





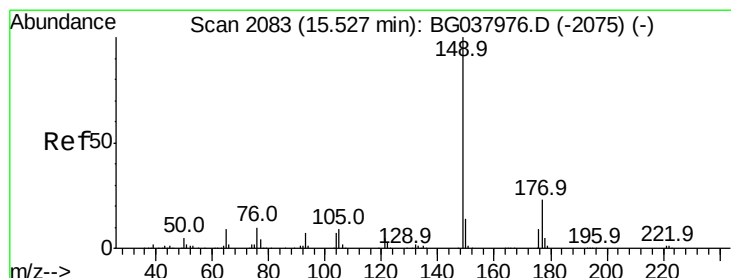
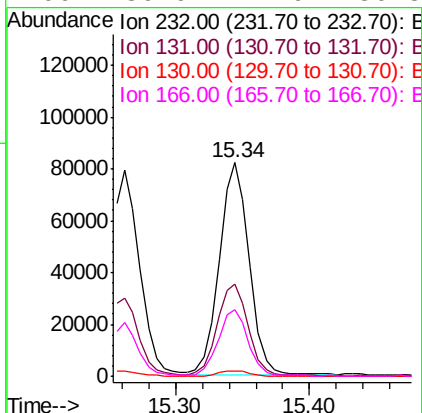
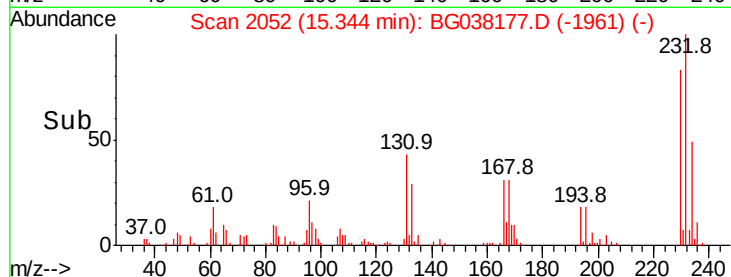
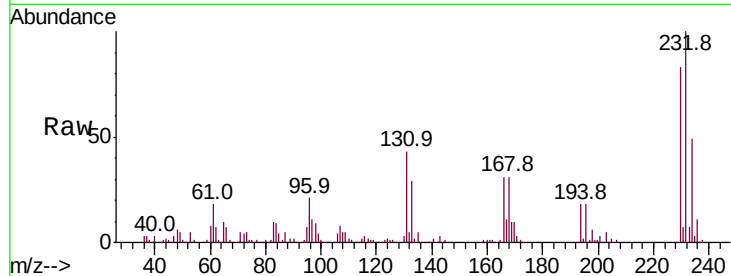
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.665 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. 0.01 min
 Lab File: BG038177.D
 Acq: 27 Nov 2018 21:36

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-112118-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	128479		
131	45.2		33.7	50.5
130	2.7		2.1	3.1
166	30.9		24.6	36.8

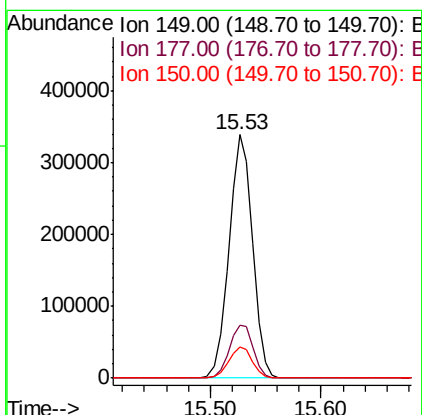
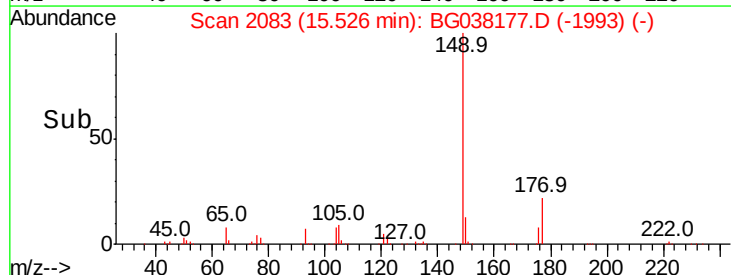
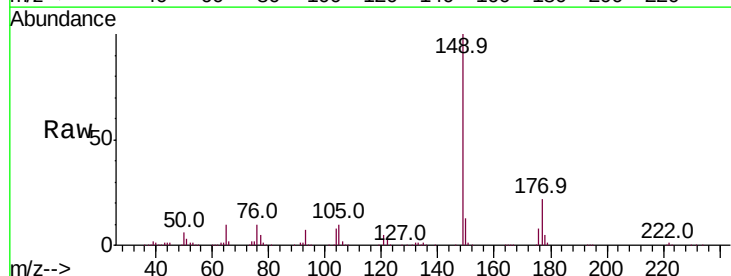
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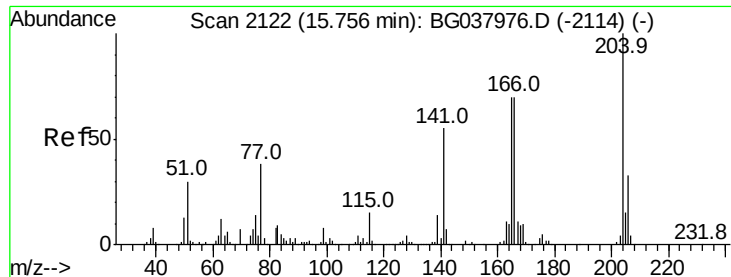
mohammad
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#60
 Diethylphthalate
 Concen: 50.085 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG038177.D
 Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	503628		
177	21.9		18.3	27.5
150	12.6		10.0	15.0





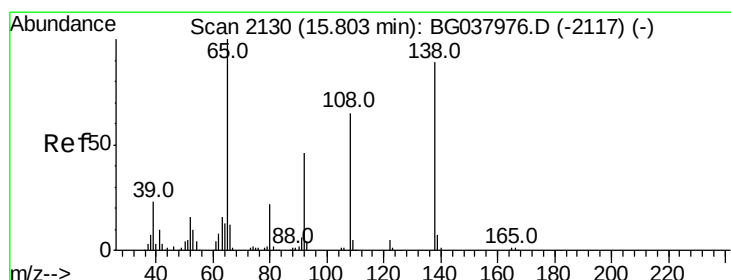
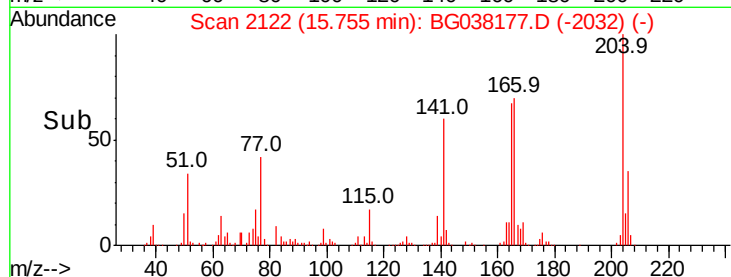
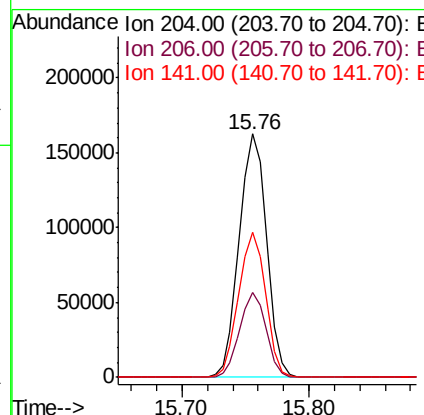
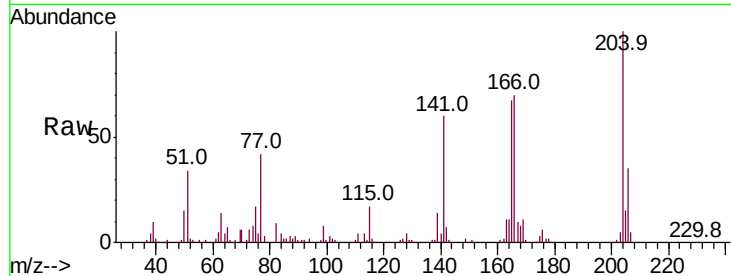
#61
4-Chlorophenyl-phenylether
Concen: 48.499 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	26.6	39.8
141	59.5	45.4	68.2

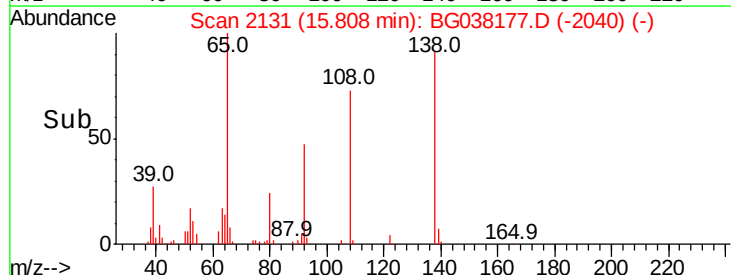
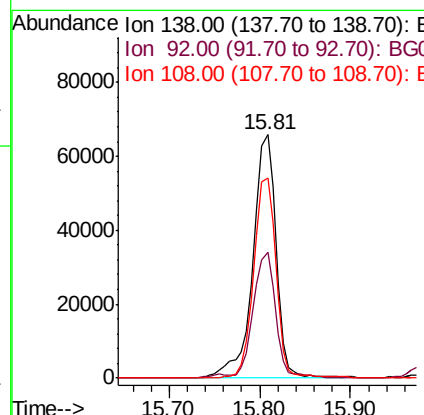
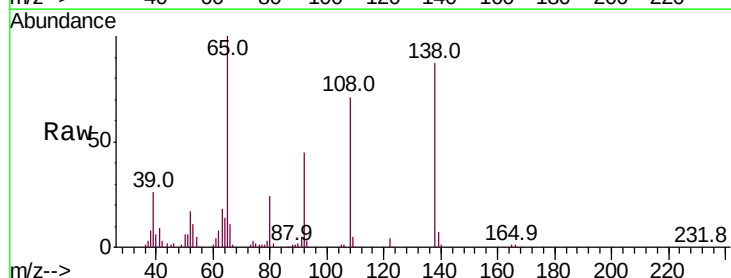
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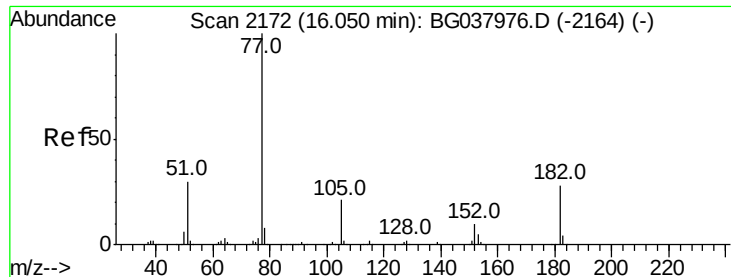
mohammad
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#62
4-Nitroaniline
Concen: 49.939 ng
RT: 15.81 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	36.4	76.4
108	82.3	60.1	100.1





#63

Azobenzene

Concen: 51.398 ng

RT: 16.05 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Instrument :

BNA_G

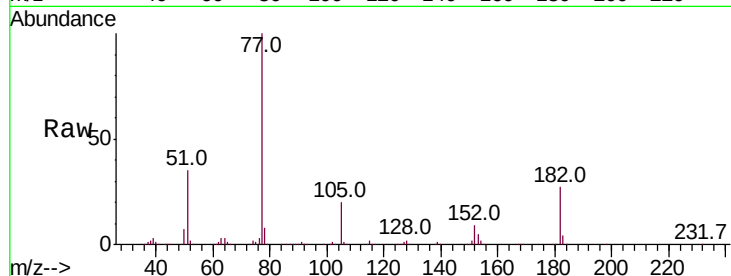
ClientSampleId :

OR-02-112118-AMSD

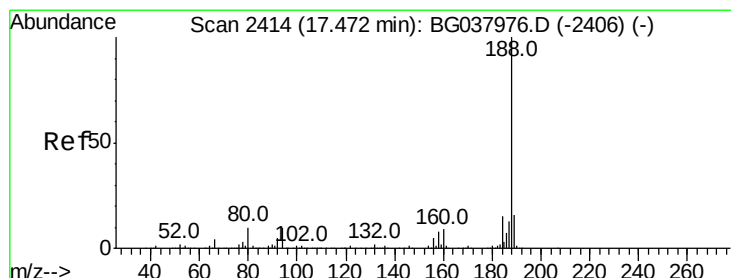
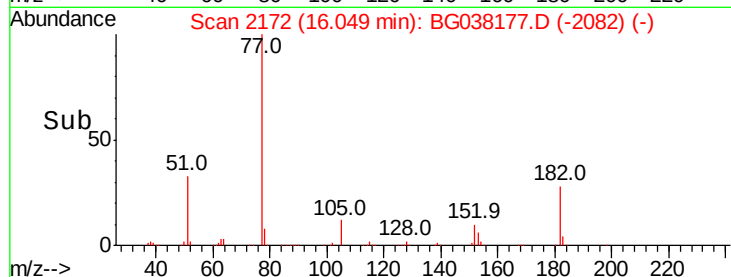
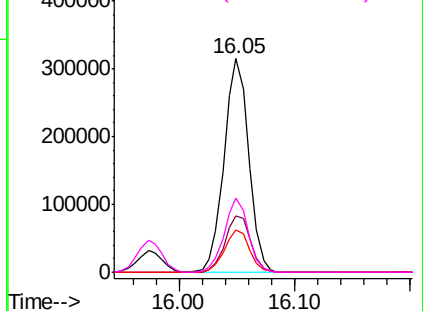
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.6	8.0	48.0
105	20.1	1.3	41.3
51	34.5	10.7	50.7

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

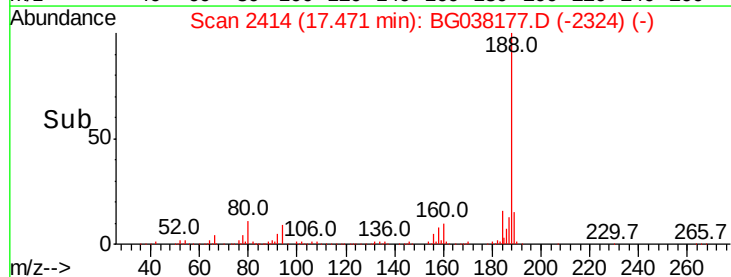
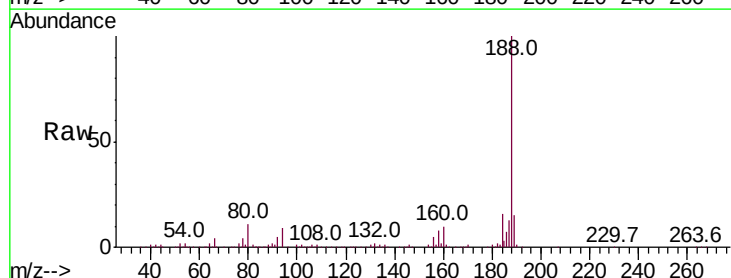
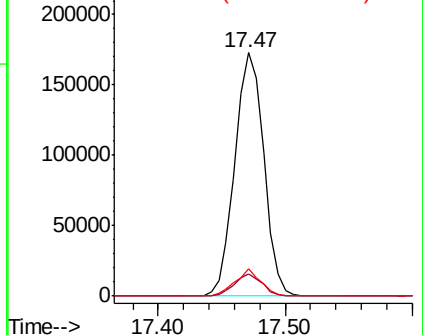
Delta R.T. -0.00 min

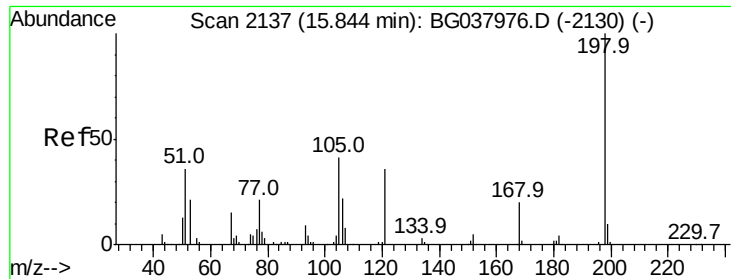
Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	11.0	7.7	11.5

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





#65

4,6-Dinitro-2-methylphenol

Concen: 27.335 ng

RT: 15.85 min Scan# 2138

Delta R.T. 0.01 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Instrument :

BNA_G

ClientSampleId :

OR-02-112118-AMSD

Tot Ion:198 Resp: 47258

Ion Ratio Lower Upper

198 100

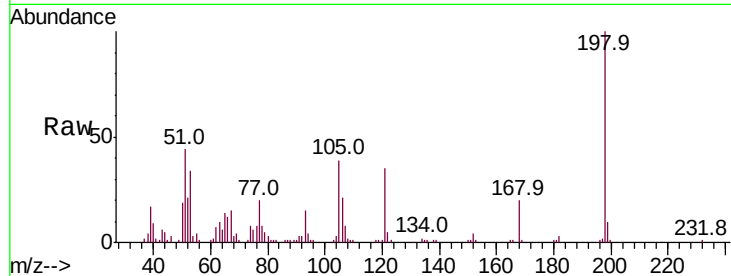
51 43.5 22.7 62.7

105 38.6 19.7 59.7

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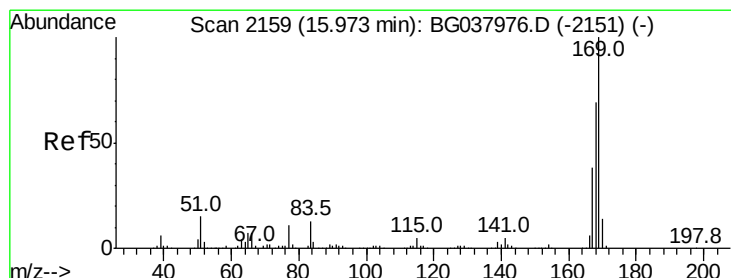
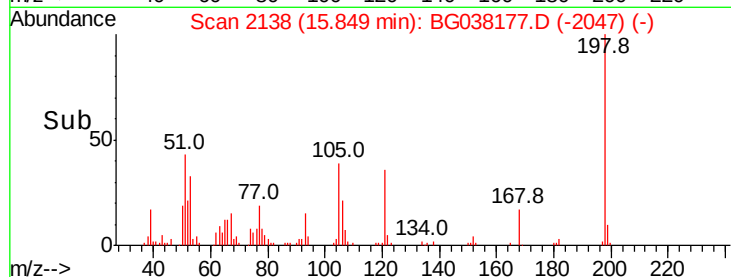
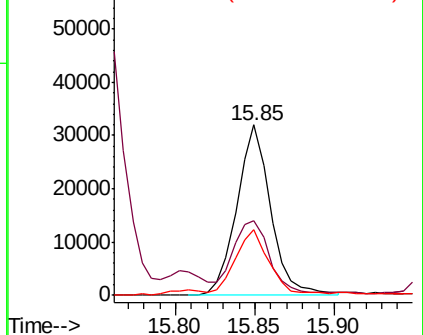
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 50.872 ng

RT: 15.97 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

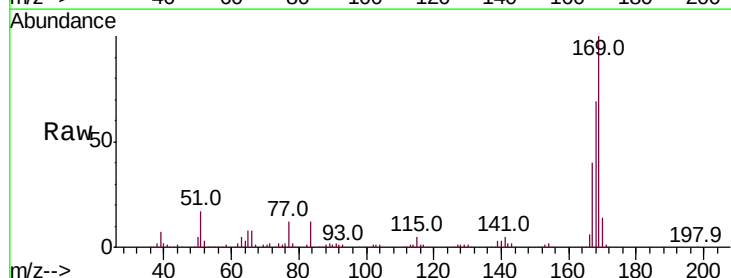
Tgt Ion:169 Resp: 420665

Ion Ratio Lower Upper

169 100

168 68.9 55.7 83.5

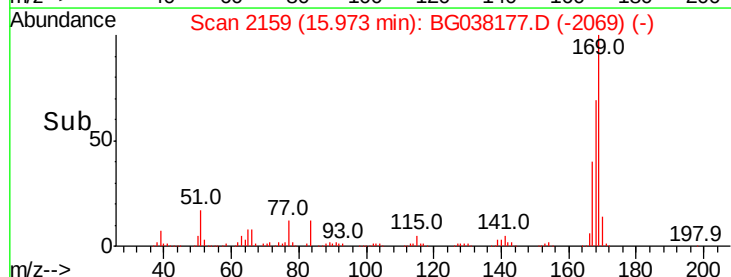
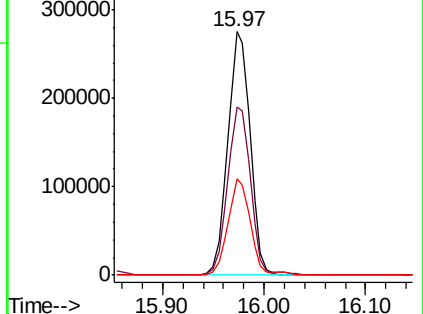
167 39.6 31.3 46.9

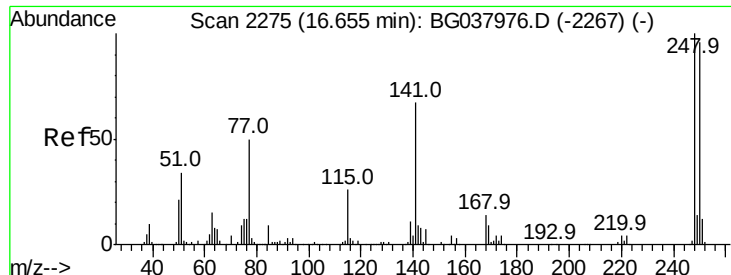


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 51.341 ng

RT: 16.65 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Instrument :

BNA_G

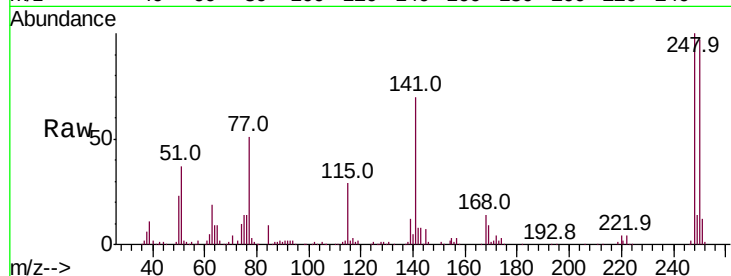
ClientSampleId :

OR-02-112118-AMSD

Tot Ion:	248	Resp:	154027
Ion Ratio	Lower	Upper	
248	100		
250	96.8	77.0	115.6
141	69.9	55.5	83.3

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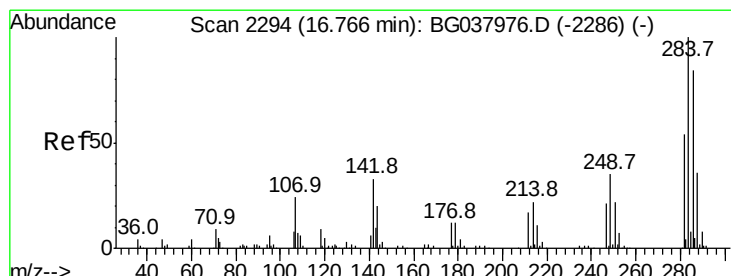
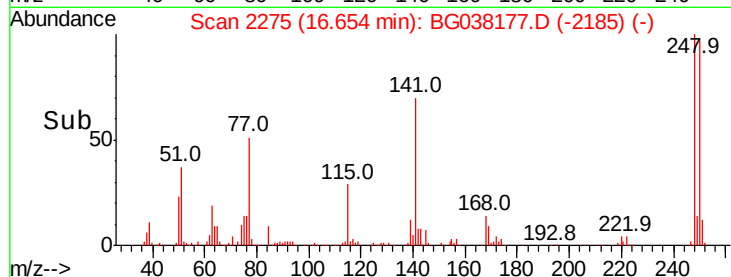
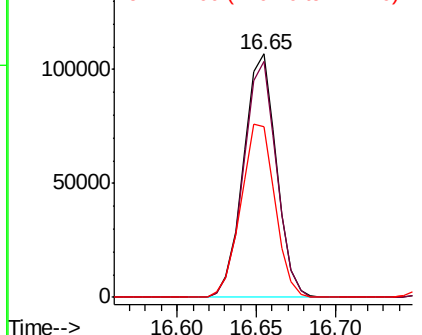


Abundance

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: 50.857 ng

RT: 16.77 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

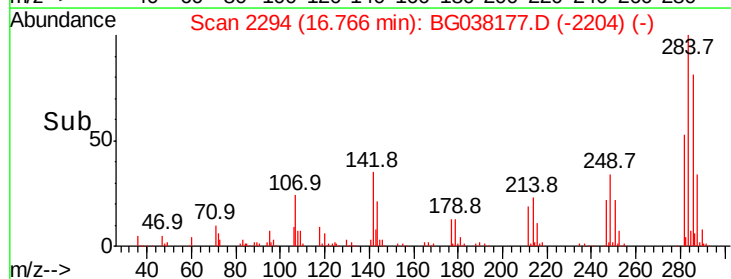
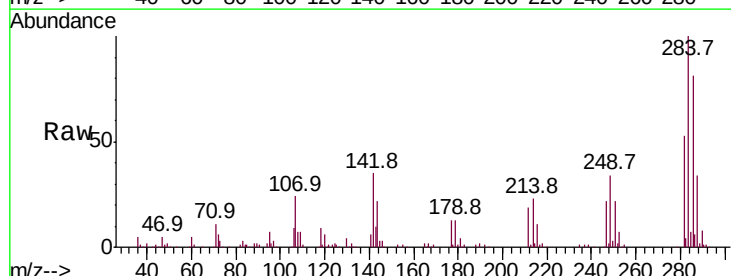
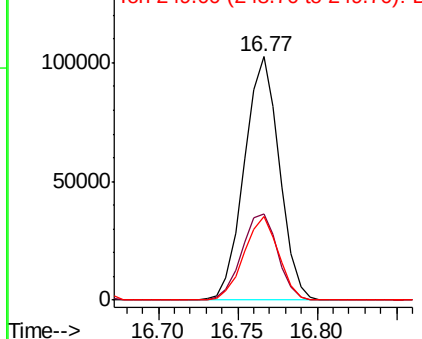
Tgt Ion:	284	Resp:	157485
Ion Ratio	Lower	Upper	
284	100		
142	35.4	28.1	42.1
249	37.0	29.8	44.8

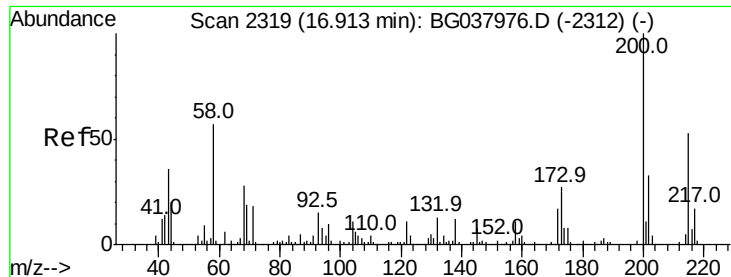
Abundance

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





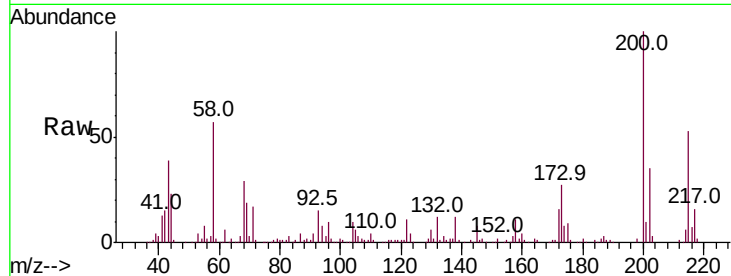
#69
Atrazine
Concen: 52.211 ng
RT: 16.92 min Scan# 2320
Delta R.T. 0.01 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-AMSD

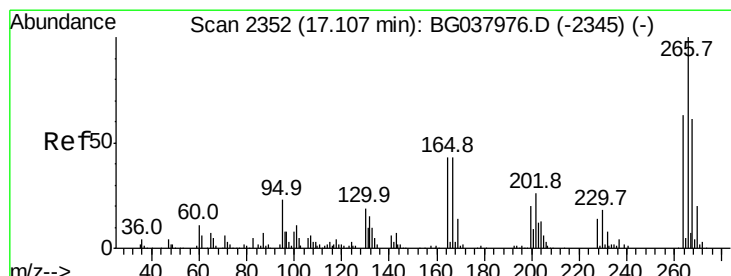
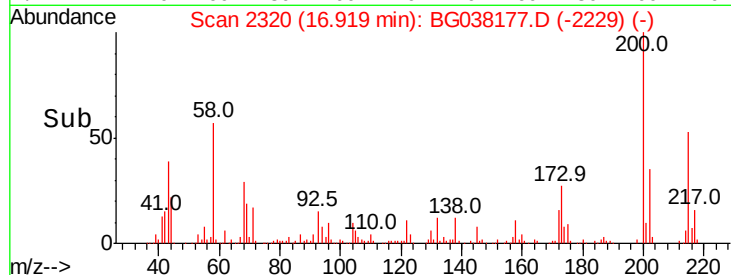
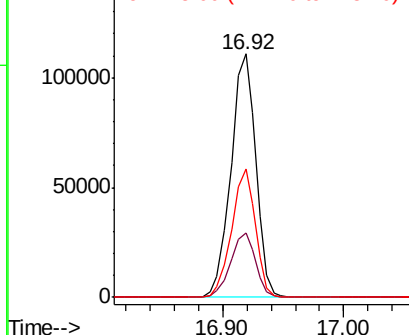
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.7	6.1	46.1
215	52.6	30.8	70.8

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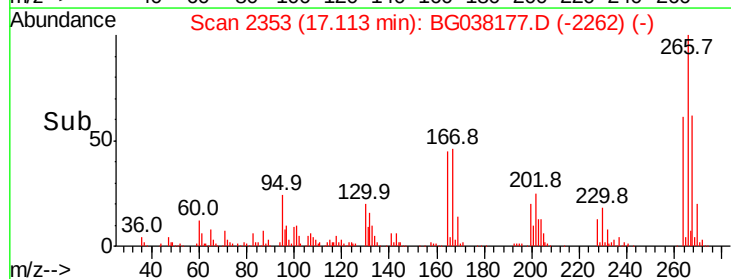
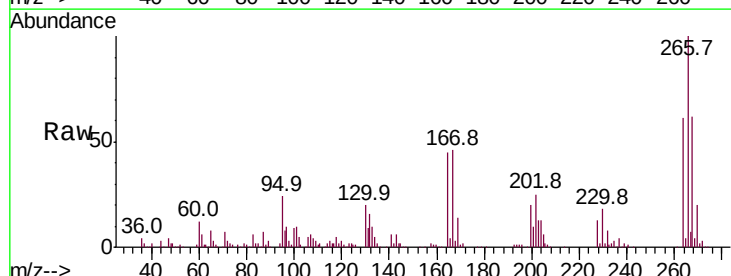
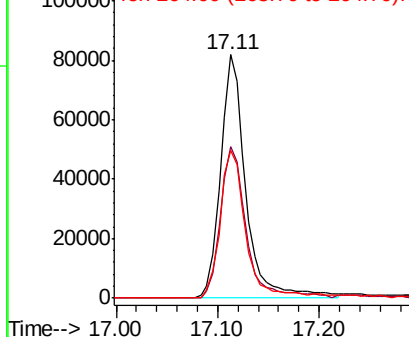
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

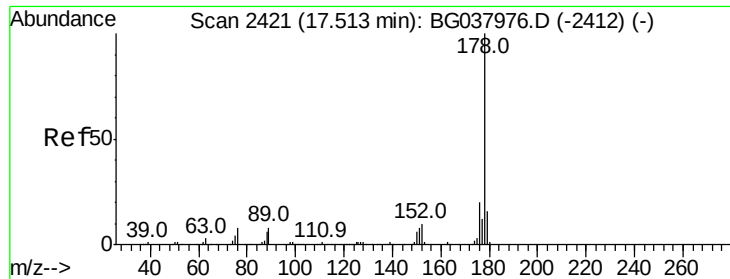


#70
Pentachlorophenol
Concen: 67.380 ng
RT: 17.11 min Scan# 2353
Delta R.T. 0.01 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.4	55.0	82.6
264	65.3	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





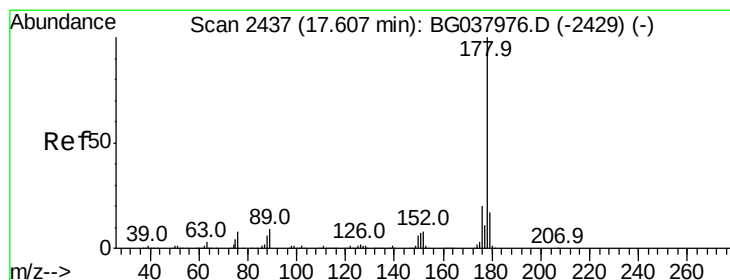
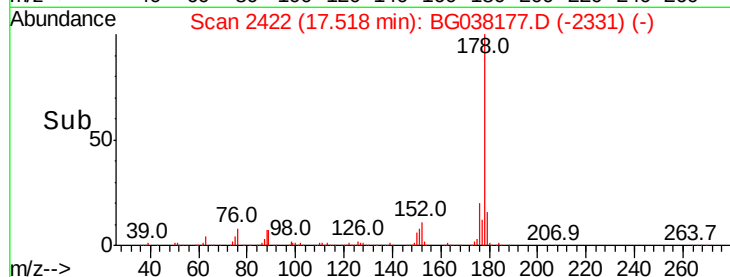
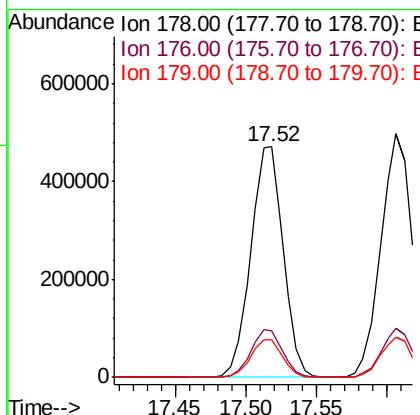
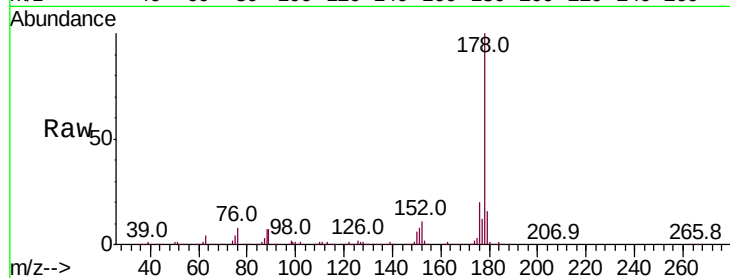
#71
Phenanthrene
Concen: 54.353 ng
RT: 17.52 min Scan# 2422
Delta R.T. 0.01 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.1	24.1
179	16.4	13.0	19.4

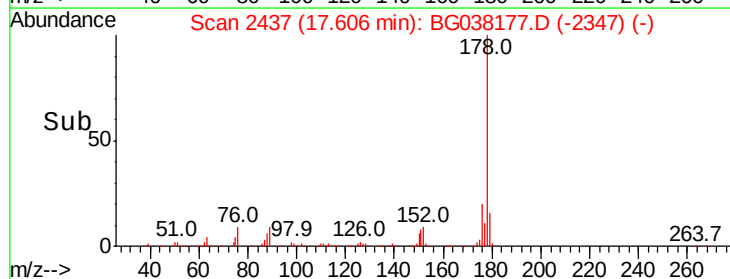
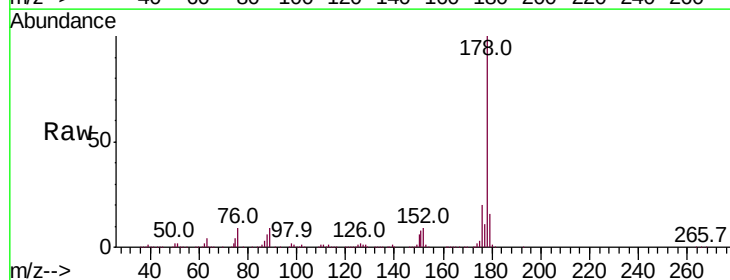
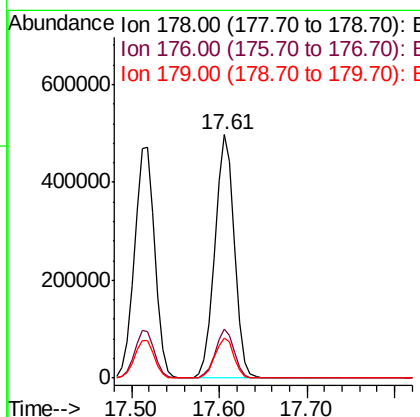
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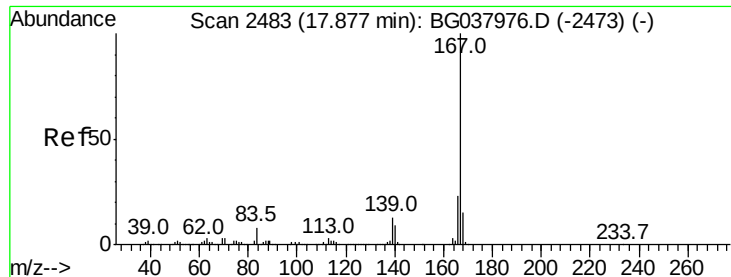
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#72
Anthracene
Concen: 55.789 ng
RT: 17.61 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.0	22.4
179	16.3	12.8	19.2





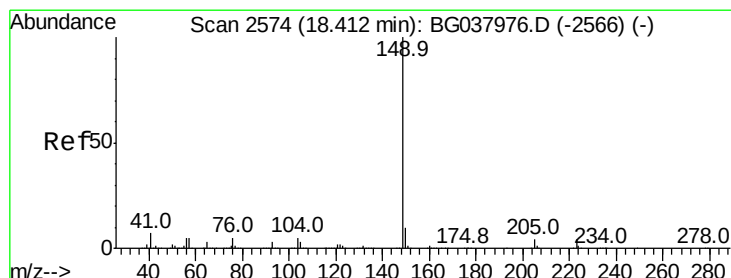
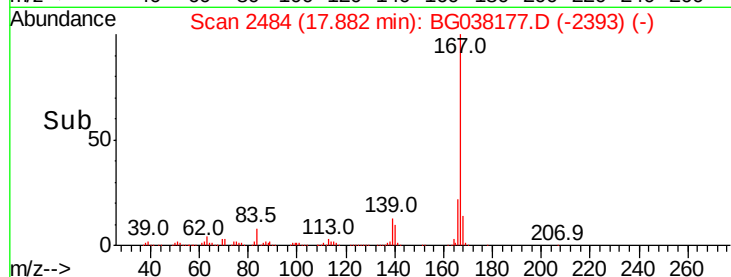
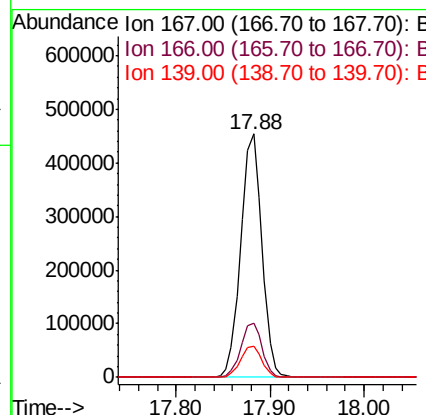
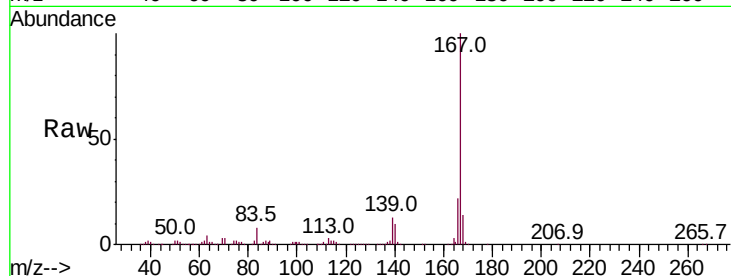
#73
 Carbazole
 Concen: 51.166 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. 0.01 min
 Lab File: BG038177.D
 Acq: 27 Nov 2018 21:36

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-112118-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100	708137		
166	22.3		18.3	27.5
139	13.0		10.5	15.7

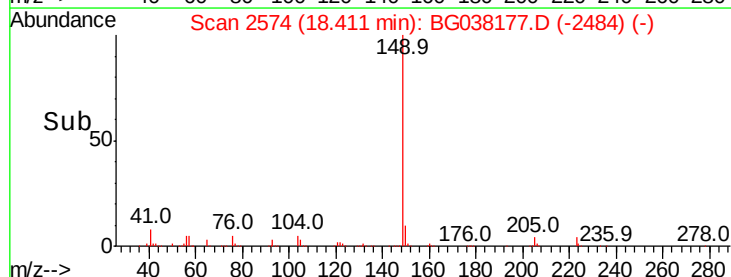
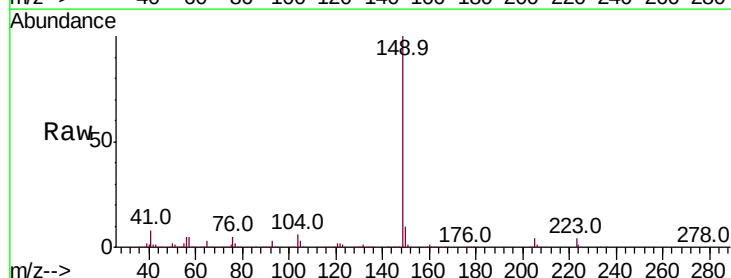
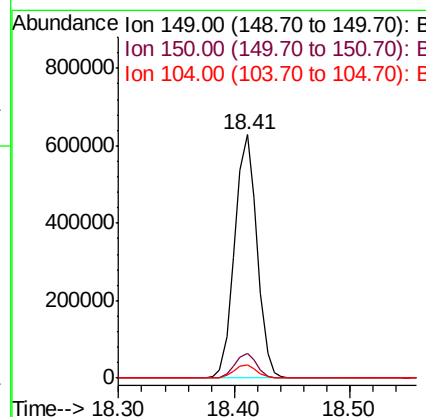
Manual Integrations
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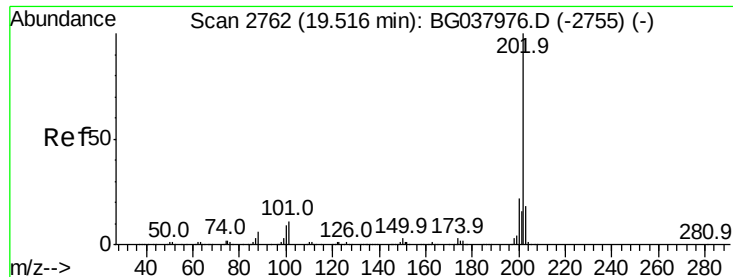
mohammad
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#74
 Di-n-butylphthalate
 Concen: 54.099 ng
 RT: 18.41 min Scan# 2574
 Delta R.T. -0.00 min
 Lab File: BG038177.D
 Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	840485		
150	10.0		8.2	12.2
104	5.5		4.0	6.0





#75

Fluoranthene

Concen: 56.019 ng

RT: 19.52 min Scan# 2763

Delta R.T. 0.01 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Instrument :

BNA_G

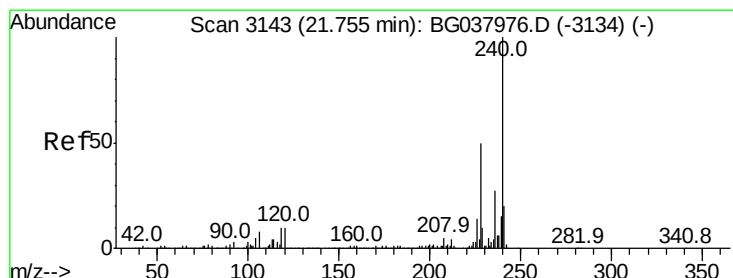
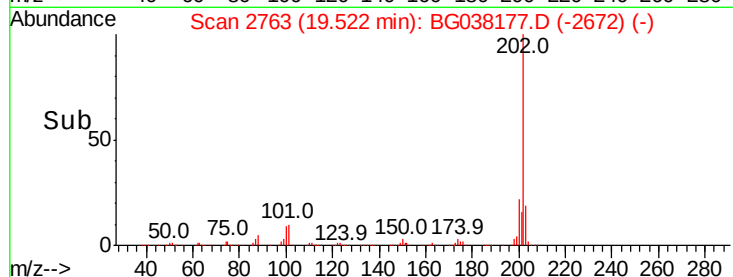
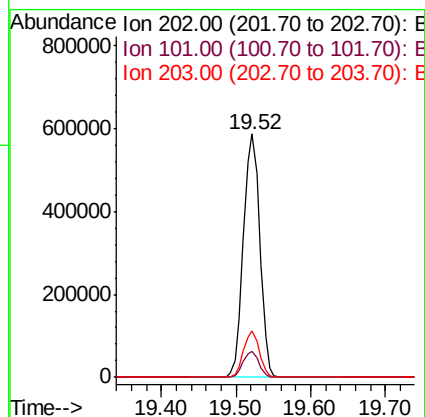
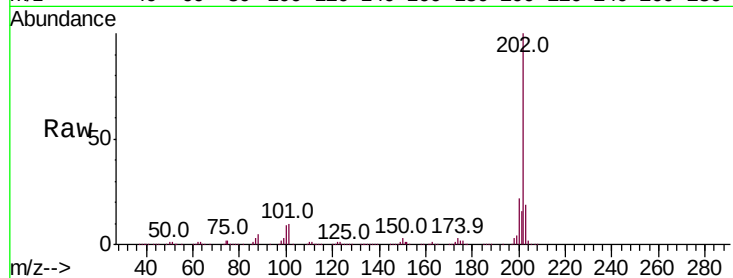
ClientSampleId :

OR-02-112118-AMSD

Tot Ion:	202	Resp:	894424
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	30.7
203	19.1	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

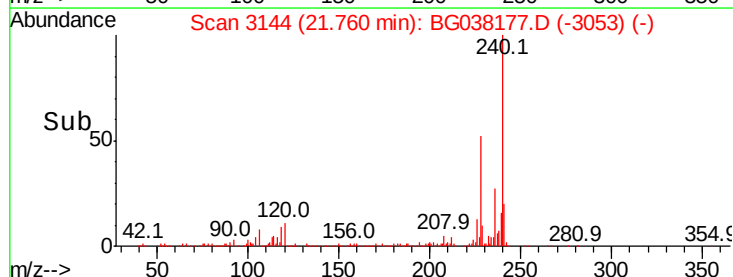
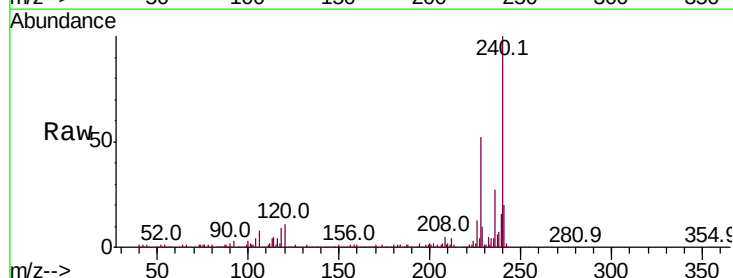
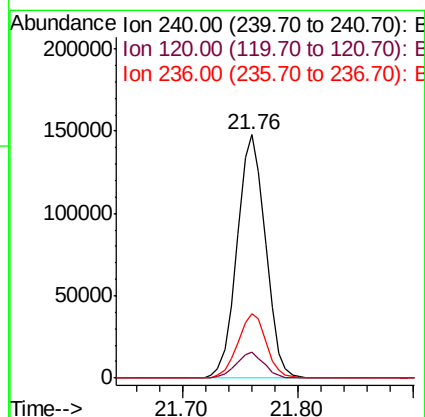
RT: 21.76 min Scan# 3144

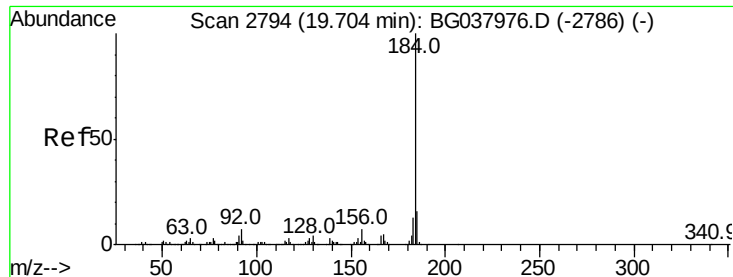
Delta R.T. 0.01 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Tgt Ion:	240	Resp:	251265
Ion Ratio	Lower	Upper	
240	100		
120	10.7	8.1	12.1
236	26.5	21.4	32.0





#77

Benzidine

Concen: 8.925 ng

RT: 19.70 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Instrument :

BNA_G

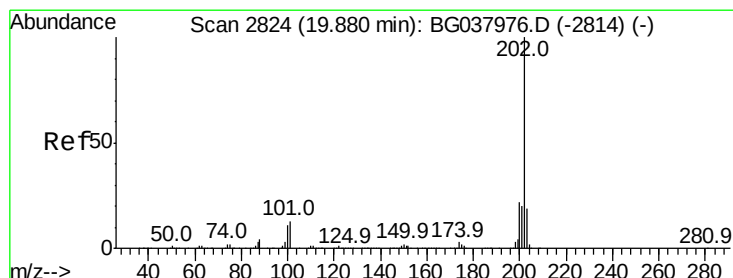
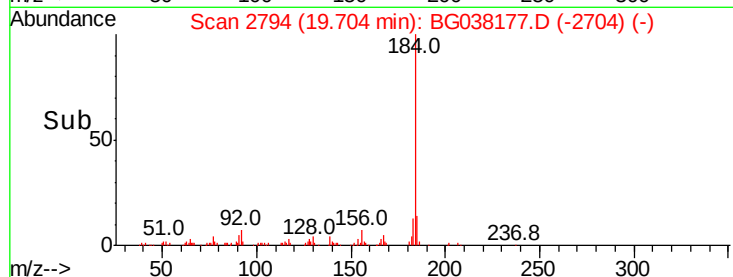
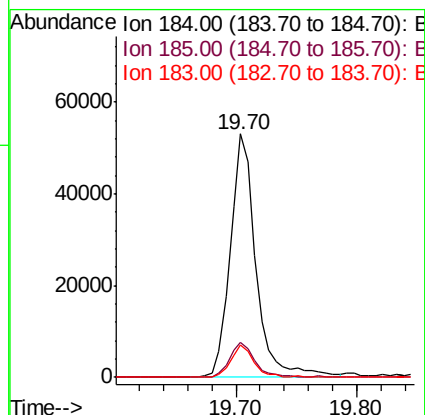
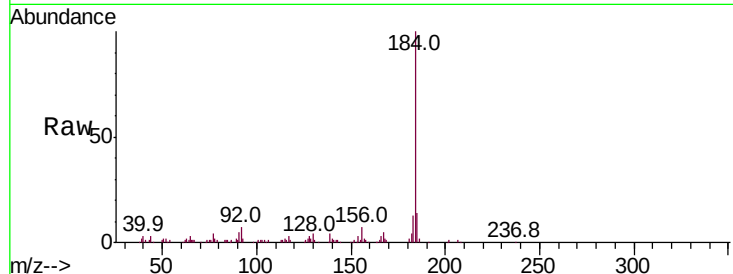
ClientSampleId :

OR-02-112118-AMSD

Tot Ion:	184	Resp:	78686
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.6	18.8
183	13.5	10.2	15.2

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#78

Pyrene

Concen: 55.036 ng

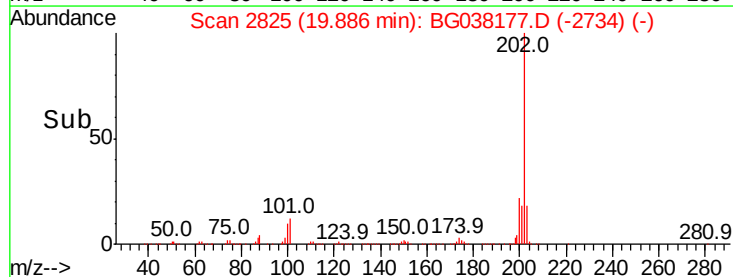
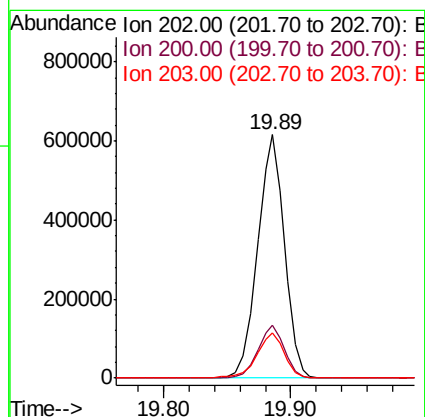
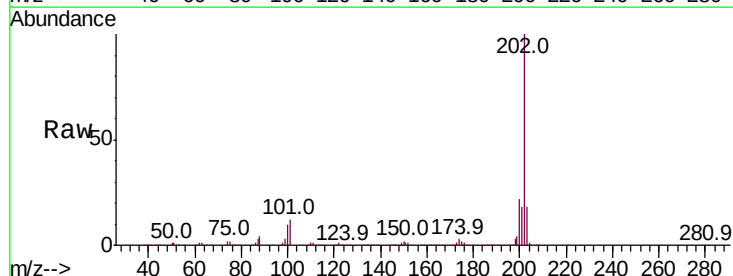
RT: 19.89 min Scan# 2825

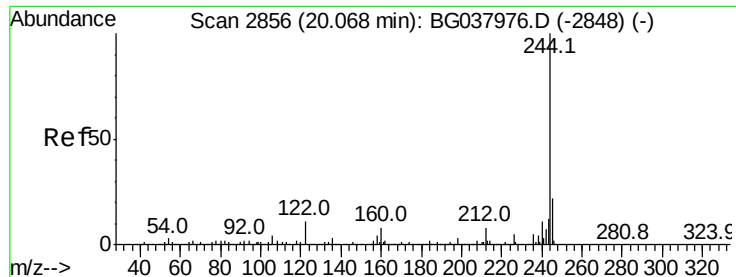
Delta R.T. 0.01 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Tgt Ion:	202	Resp:	904132
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.8	26.6
203	18.4	15.2	22.8





#79

Terphenyl-d14

Concen: 94.557 ng

RT: 20.07 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Instrument :

BNA_G

ClientSampleId :

OR-02-112118-AMSD

Tot Ion:244 Resp: 1009727

Ion Ratio Lower Upper

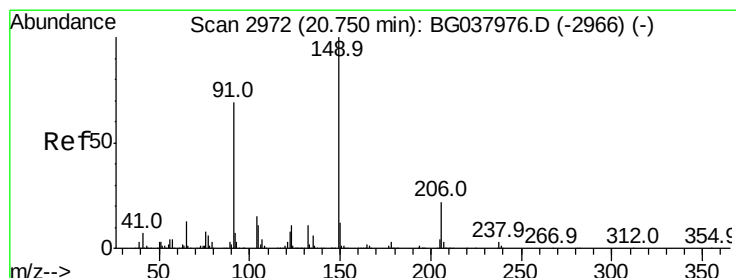
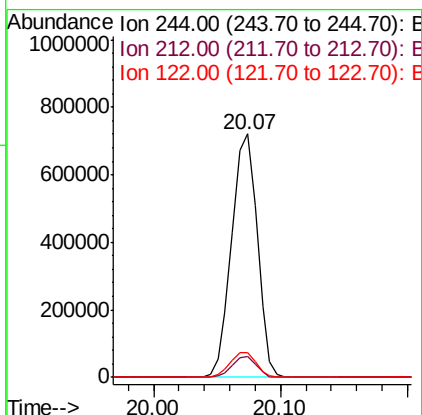
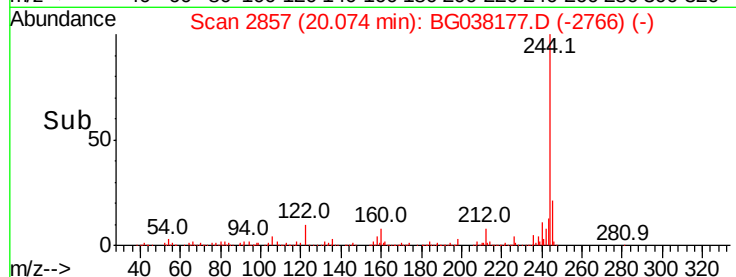
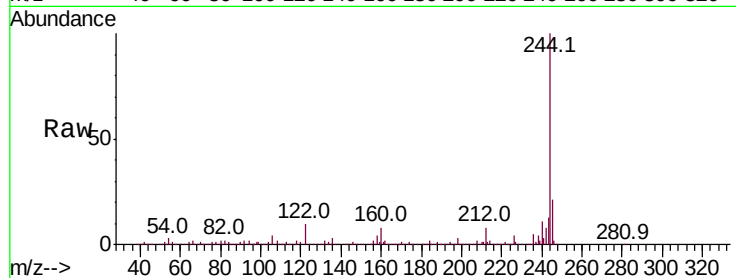
244 100

212 8.4 6.5 9.7

122 10.1 9.0 13.4

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#80

Butylbenzylphthalate

Concen: 54.700 ng

RT: 20.76 min Scan# 2973

Delta R.T. 0.01 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

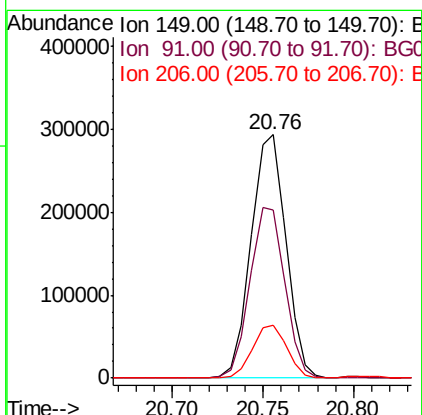
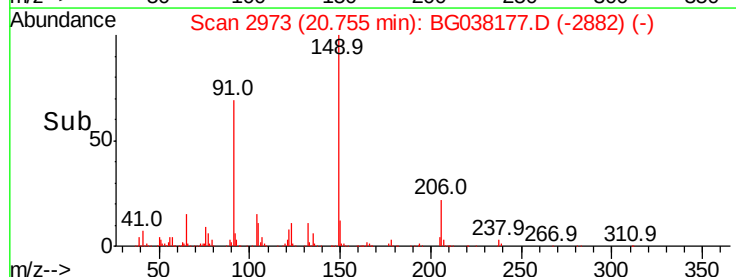
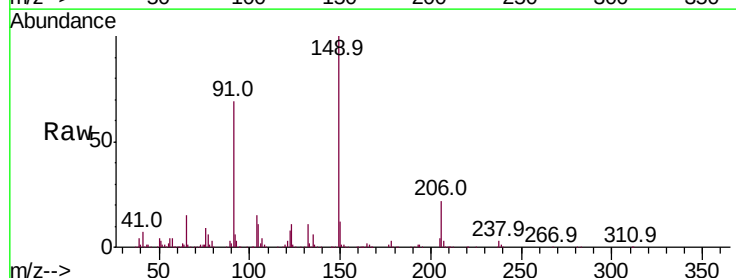
Tgt Ion:149 Resp: 392974

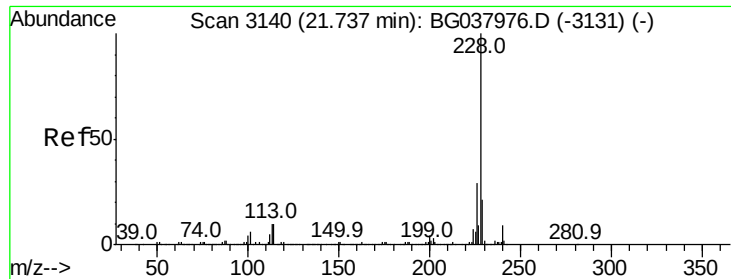
Ion Ratio Lower Upper

149 100

91 68.8 57.0 85.4

206 21.8 17.8 26.6





#81

Benzo(a)anthracene

Concen: 55.788 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Instrument :

BNA_G

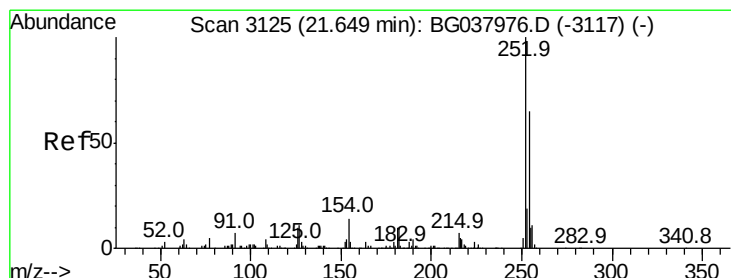
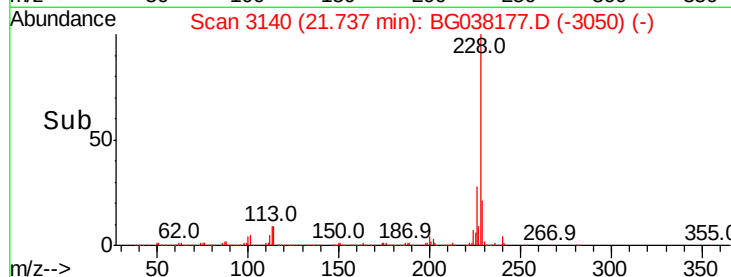
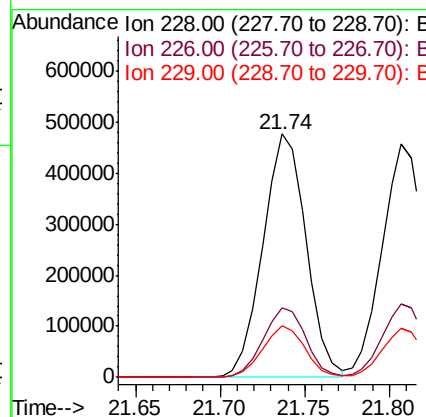
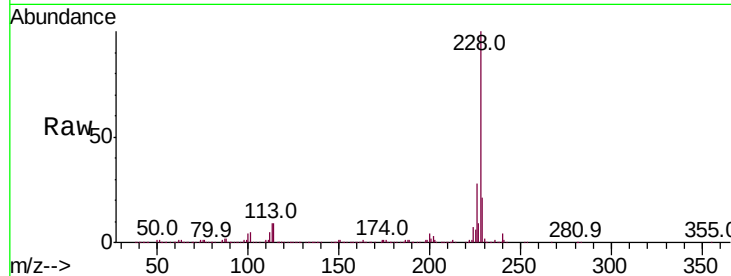
ClientSampleId :

OR-02-112118-AMSD

Tot Ion:	228	Resp:	847099
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.6	33.8
229	21.0	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 16.703 ng

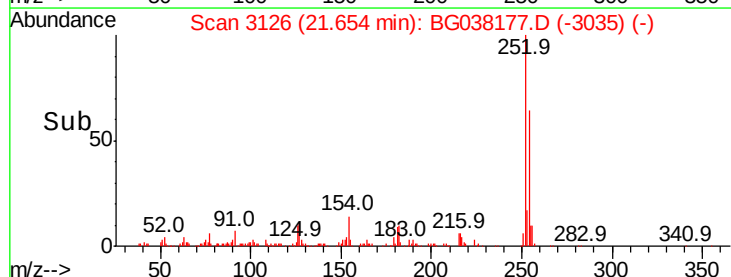
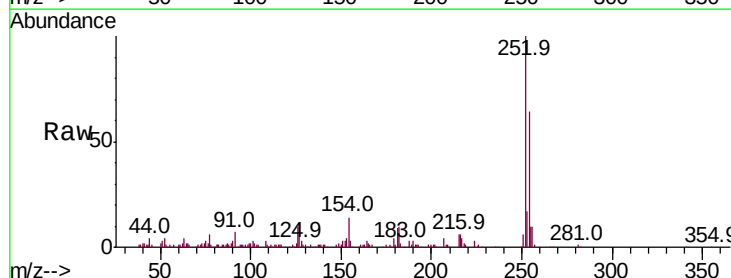
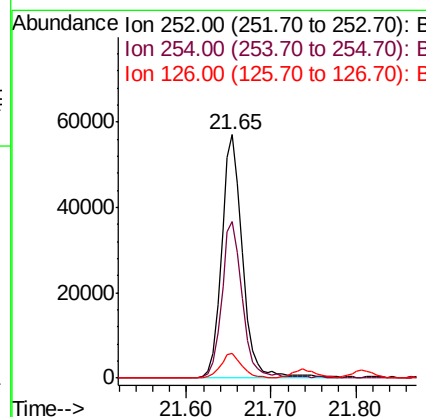
RT: 21.65 min Scan# 3126

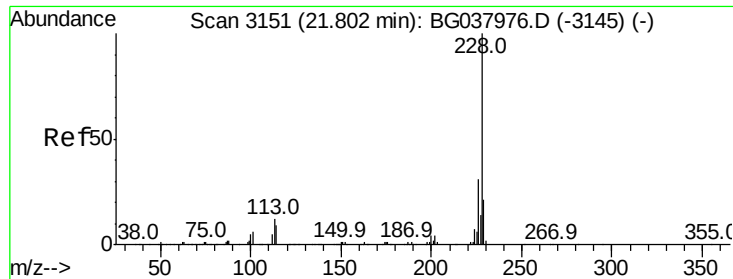
Delta R.T. 0.01 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Tgt Ion:	252	Resp:	98796
Ion Ratio	Lower	Upper	
252	100		
254	64.1	52.0	78.0
126	10.0	8.2	12.4





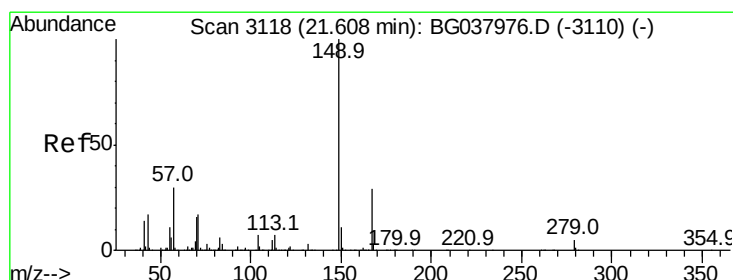
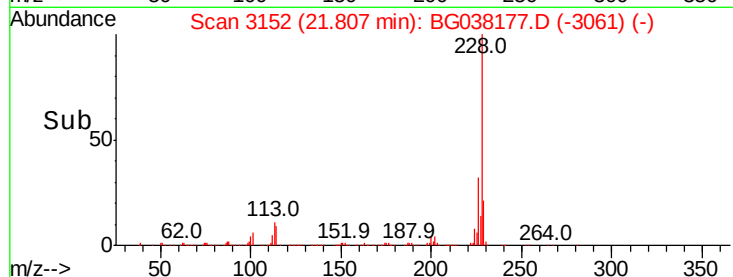
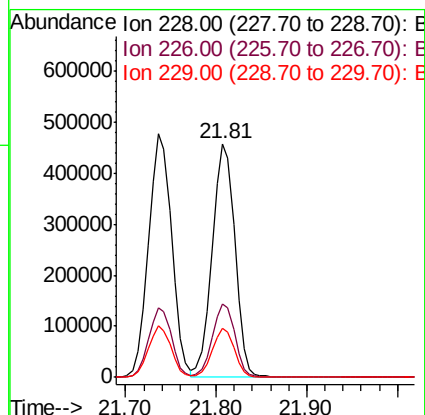
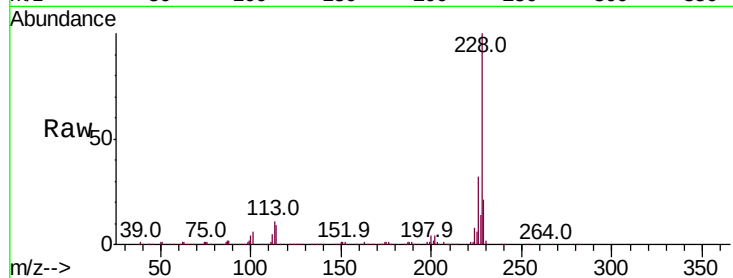
#83
 Chrysene
 Concen: 54.742 ng
 RT: 21.81 min Scan# 3152
 Delta R.T. 0.01 min
 Lab File: BG038177.D
 Acq: 27 Nov 2018 21:36

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-112118-AMSD

Tot Ion:	228	Resp:	795296
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.7	38.5
229	21.3	16.5	24.7

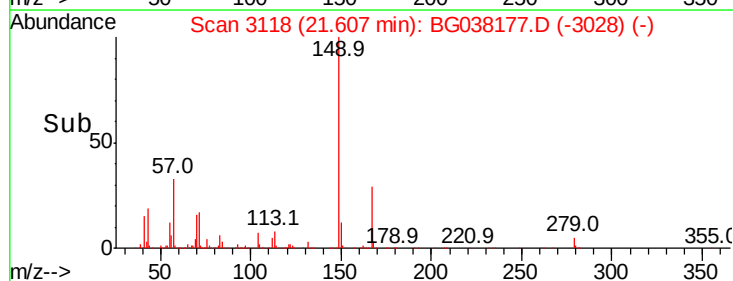
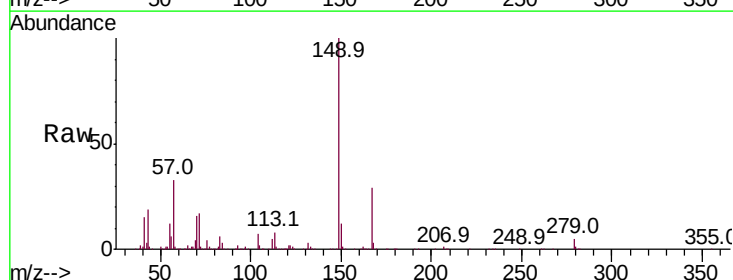
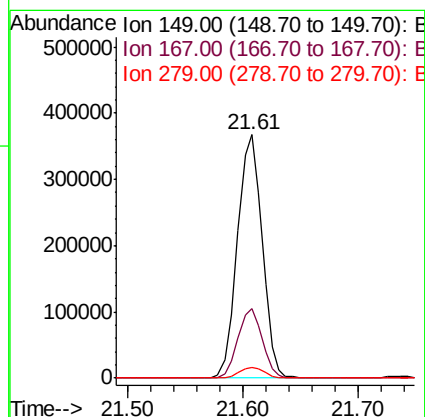
Manual Integrations
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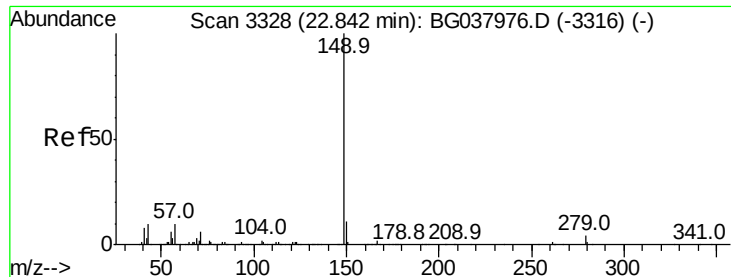
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.372 ng
 RT: 21.61 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BG038177.D
 Acq: 27 Nov 2018 21:36

Tgt Ion:	149	Resp:	546810
Ion Ratio	Lower	Upper	
149	100		
167	28.6	23.0	34.4
279	4.6	3.6	5.4





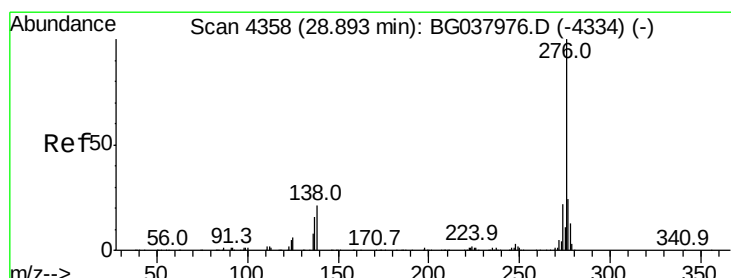
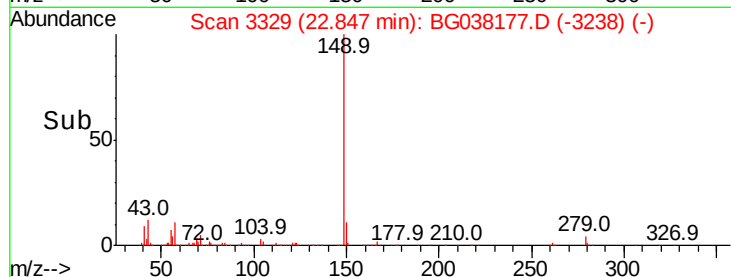
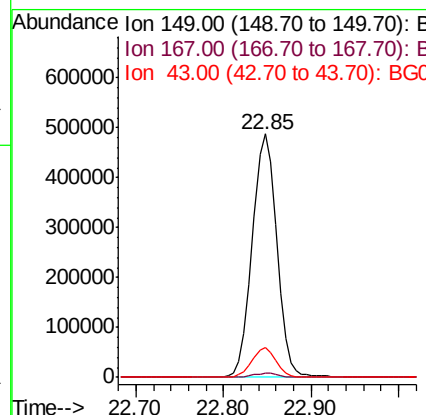
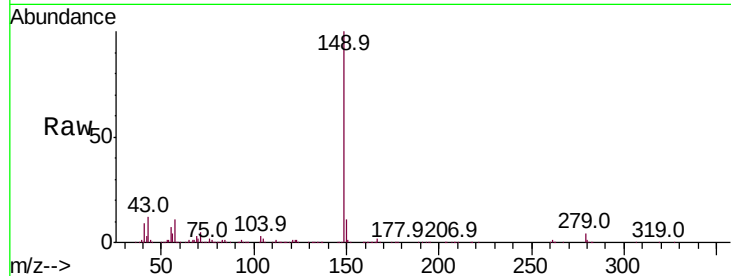
#85
Di-n-octyl phthalate
Concen: 55.894 ng
RT: 22.85 min Scan# 3329
Delta R.T. 0.01 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	926435		
167	1.7		1.3	1.9
43	11.7		8.7	13.1

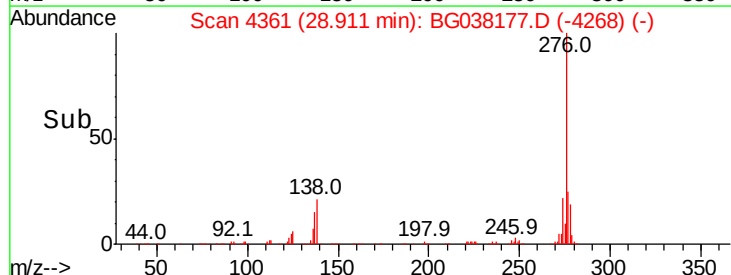
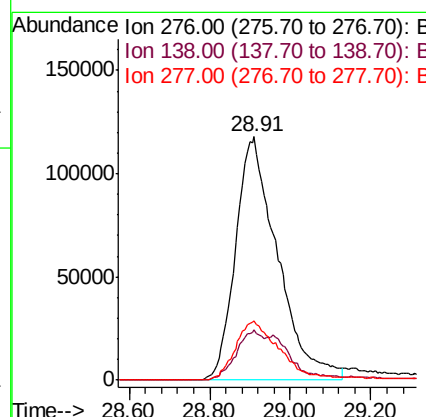
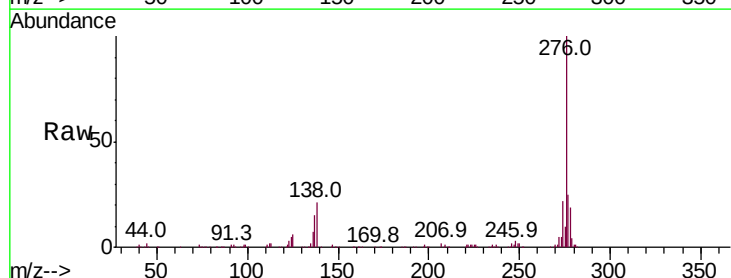
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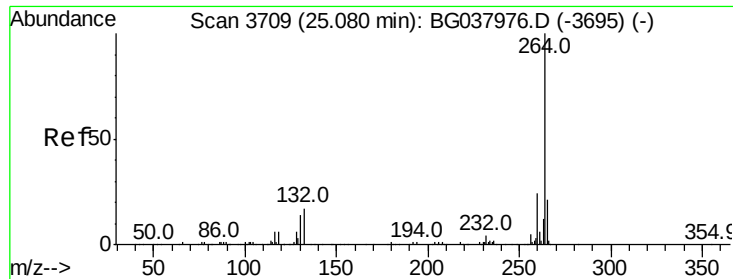
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 52.937 ng
RT: 28.91 min Scan# 4361
Delta R.T. 0.02 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	854152		
138	12.7		12.0	18.0
277	25.5		20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

Delta R.T. 0.01 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Instrument :

BNA_G

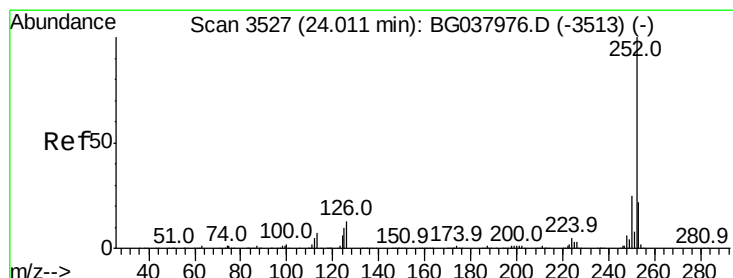
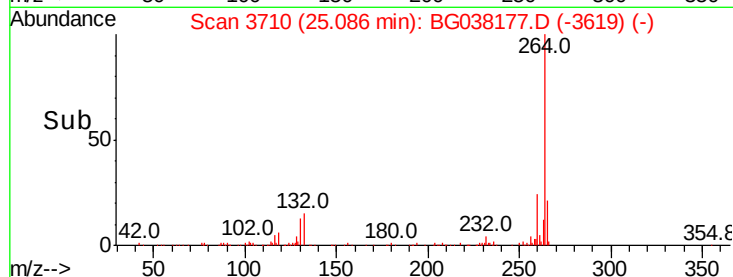
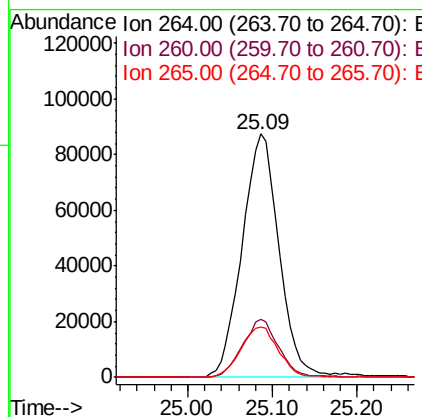
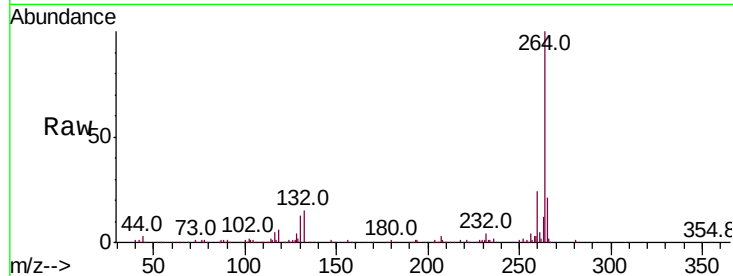
ClientSampleId :

OR-02-112118-AMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	20.7	17.9	26.9

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#88

Benzo(b)fluoranthene

Concen: 56.931 ng

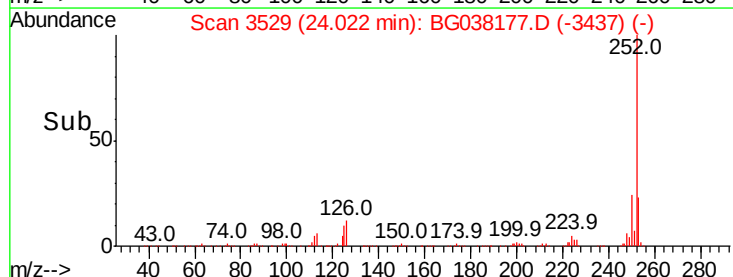
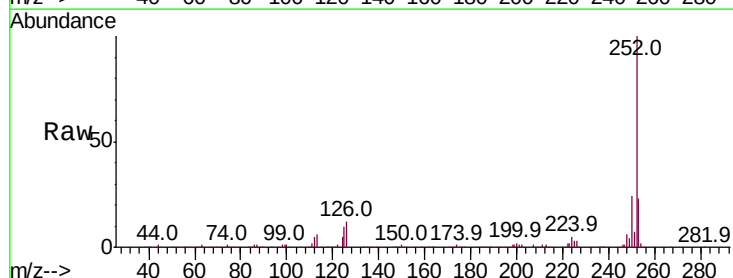
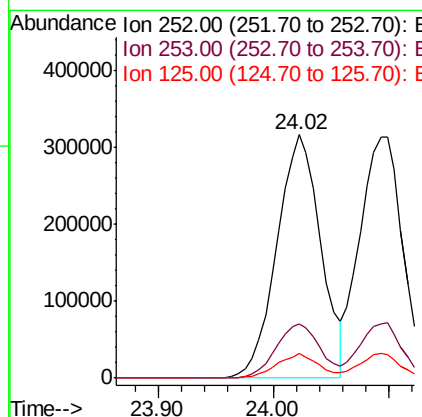
RT: 24.02 min Scan# 3529

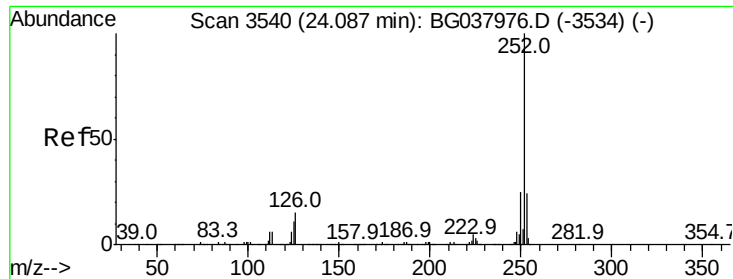
Delta R.T. 0.01 min

Lab File: BG038177.D

Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	10.0	7.8	11.6





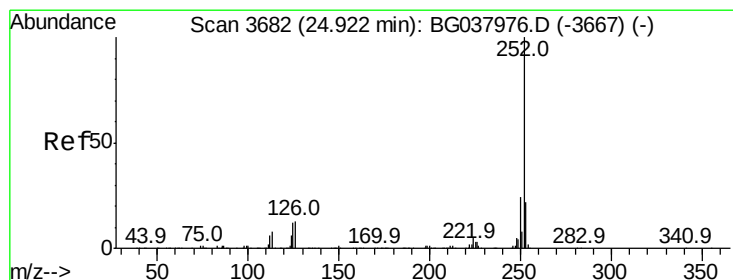
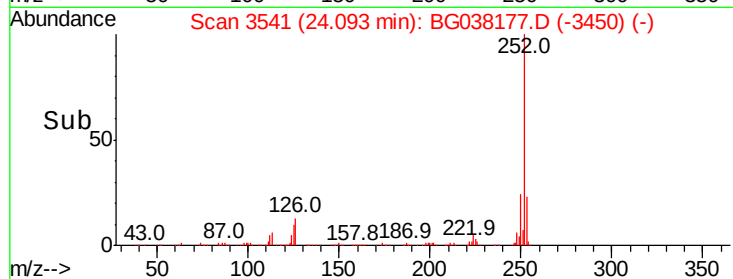
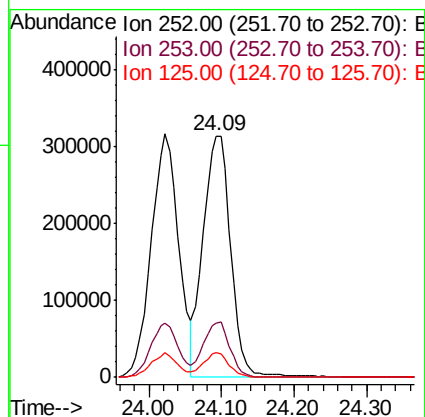
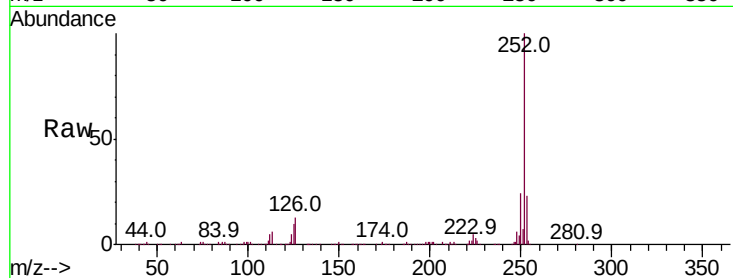
#89
Benzo(k)fluoranthene
Concen: 56.893 ng
RT: 24.09 min Scan# 3541
Delta R.T. 0.01 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	10.5	7.4	11.0

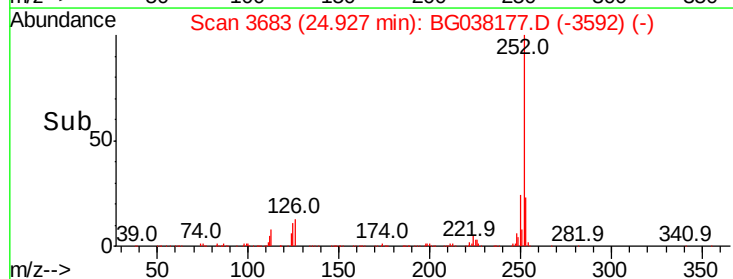
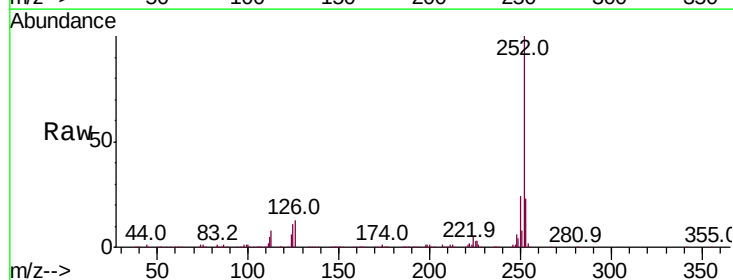
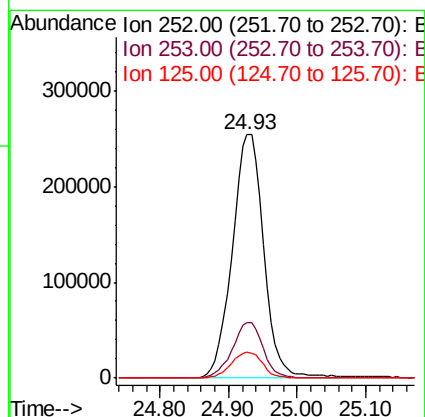
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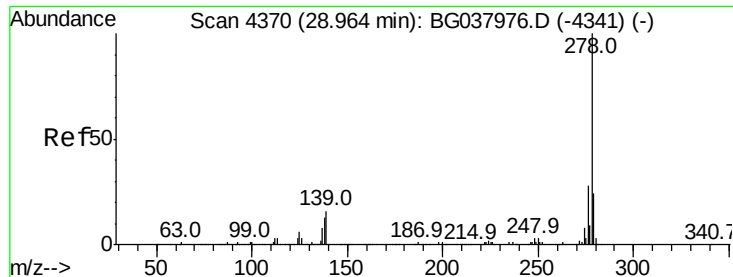
mohammad
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#90
Benzo(a)pyrene
Concen: 57.966 ng
RT: 24.93 min Scan# 3683
Delta R.T. 0.01 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	10.9	9.0	13.6





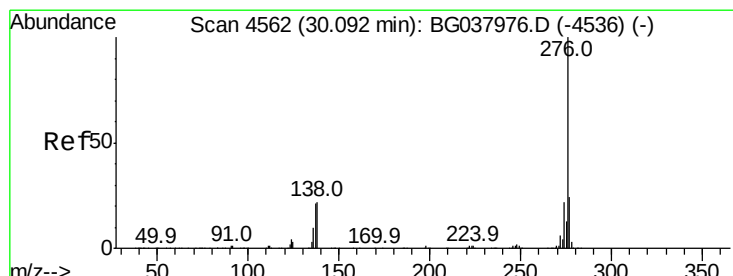
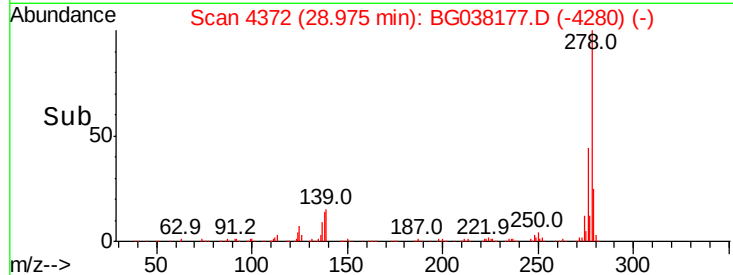
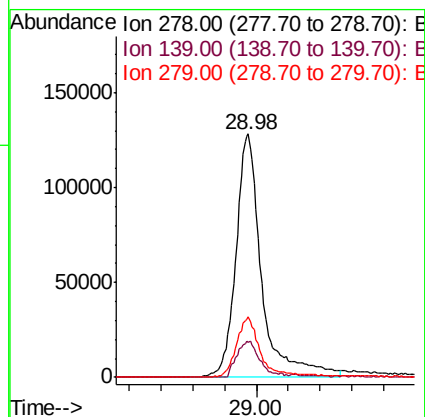
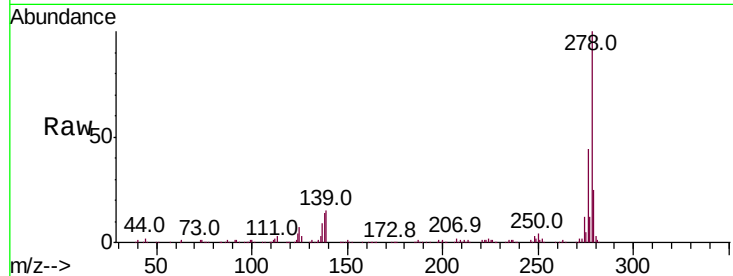
#91
Dibenzo(a,h)anthracene
Concen: 53.865 ng
RT: 28.98 min Scan# 4372
Delta R.T. 0.01 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.5	17.3
279	24.9	18.6	27.8

Manual Integrations
APPROVED

mohammad
11/28/2018 4:57:35 PM



#92
Benzo(g,h,i)perylene
Concen: 50.392 ng
RT: 30.10 min Scan# 4564
Delta R.T. 0.01 min
Lab File: BG038177.D
Acq: 27 Nov 2018 21:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	20.7	17.2	25.8

