

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121118\
 Data File : BG038484.D
 Acq On : 12 Dec 2018 00:33
 Operator : JU/SJ
 Sample : PB115573BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

Manual Integrations
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Sohil
 12/12/2018 5:38:45 PM

Quant Time: Dec 12 04:23:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24684	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	104100	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	70052	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	176420	20.00	ng	0.00
76) Chrysene-d12	21.74	240	165317	20.00	ng	0.00
87) Perylene-d12	25.04	264	179211	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	132308	94.85	ng	0.00
7) Phenol-d6	7.22	99	186861	92.69	ng	0.00
23) Nitrobenzene-d5	9.25	82	116853	55.73	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	87370	101.60	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	288109	58.60	ng	0.00
79) Terphenyl-d14	20.06	244	502529	65.12	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	11526	18.029	ng	# 93
3) Pyridine	3.90	79	35061	18.332	ng	# 89
4) n-Nitrosodimethylamine	3.82	42	23812	28.423	ng	# 75
6) Aniline	7.39	93	33112	12.859	ng	96
8) 2-Chlorophenol	7.63	128	49828	30.759	ng	94
9) Benzaldehyde	7.21	77	19028	14.905	ng	94
10) Phenol	7.25	94	63561	29.840	ng	89
11) bis(2-Chloroethyl)ether	7.49	93	42155	24.164	ng	99
12) 1,3-Dichlorobenzene	7.95	146	49788	26.296	ng	98
13) 1,4-Dichlorobenzene	8.11	146	49631	25.335	ng	96
14) 1,2-Dichlorobenzene	8.42	146	48309	23.424	ng	98
15) Benzyl Alcohol	8.31	79	43462	26.222	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	97849	24.659	ng	96
17) 2-Methylphenol	8.51	107	43868	27.592	ng	93
18) Hexachloroethane	9.15	117	18211	25.757	ng	93
19) n-Nitroso-di-n-propylamine	8.87	70	37726	24.804	ng	# 87
20) 3+4-Methylphenols	8.83	107	61332	28.581	ng	95
22) Acetophenone	8.90	105	72596	28.118	ng	# 96
24) Nitrobenzene	9.29	77	56374	26.463	ng	96
25) Isophorone	9.80	82	105500	28.631	ng	97
26) 2-Nitrophenol	10.00	139	28743	29.120	ng	# 89
27) 2,4-Dimethylphenol	10.04	122	50032	35.290	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	60328	28.559	ng	97
29) 2,4-Dichlorophenol	10.53	162	53809	33.249	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	55294	29.105	ng	99
31) Naphthalene	10.94	128	152515	30.671	ng	99
32) Benzoic acid	10.21	122	13223m	16.593	ng	
33) 4-Chloroaniline	11.06	127	20542	9.332	ng	93
34) Hexachlorobutadiene	11.20	225	35667	30.010	ng	95
35) Caprolactam	11.83	113	19266	28.788	ng	# 86
36) 4-Chloro-3-methylphenol	12.16	107	59800	33.257	ng	97
37) 2-Methylnaphthalene	12.54	142	116703	32.955	ng	95
38) 1-Methylnaphthalene	12.75	142	109724	32.351	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	68689	28.496	ng	98

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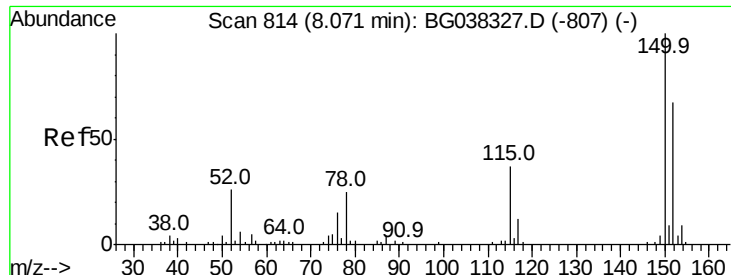
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	75536	57.023	nq	98
43) 2,4,6-Trichlorophenol	13.14	196	48902	31.318	nq	99
44) 2,4,5-Trichlorophenol	13.22	196	52813	31.927	nq	98
46) 1,1'-Biphenyl	13.53	154	151606	25.603	nq	99
47) 2-Chloronaphthalene	13.59	162	122046	27.314	nq	98
48) 2-Nitroaniline	13.80	65	42794	28.547	nq	97
49) Acenaphthylene	14.43	152	205881	30.593	nq	98
50) Dimethylphthalate	14.15	163	160555	28.575	nq	98
51) 2,6-Dinitrotoluene	14.29	165	37248	29.021	nq	96
52) Acenaphthene	14.77	154	116542	28.407	nq	97
53) 3-Nitroaniline	14.62	138	26078	18.866	nq #	93
54) 2,4-Dinitrophenol	14.83	184	4253	6.045	nq	95
55) Dibenzofuran	15.10	168	197874	29.175	nq	99
56) 4-Nitrophenol	14.92	139	50431	46.184	nq #	86
57) 2,4-Dinitrotoluene	15.07	165	52461	29.635	nq	95
58) Fluorene	15.75	166	156932	31.406	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	44551	31.009	nq	95
60) Diethylphthalate	15.51	149	168123	27.008	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	86219	28.727	nq	98
62) 4-Nitroaniline	15.79	138	40403	29.717	nq	84
63) Azobenzene	16.03	77	150933	27.705	nq	92
65) 4,6-Dinitro-2-methylphenol	15.83	198	8854	7.660	nq	95
66) n-Nitrosodiphenylamine	15.96	169	144906	29.209	nq	100
67) 4-Bromophenyl-phenylether	16.63	248	56463	29.637	nq	98
68) Hexachlorobenzene	16.75	284	59571	30.315	nq	93
69) Atrazine	16.90	200	58795	31.761	nq	98
70) Pentachlorophenol	17.10	266	29343	21.801	nq	96
71) Phenanthrene	17.49	178	276015	31.241	nq	99
72) Anthracene	17.59	178	281732	32.929	nq	99
73) Carbazole	17.86	167	246497	29.028	nq	99
74) Di-n-butylphthalate	18.39	149	299558	30.196	nq	97
75) Fluoranthene	19.50	202	331685	32.133	nq	96
77) Benzidine	19.69	184	144380	25.881	nq	97
78) Pyrene	19.87	202	331363	28.648	nq	97
80) Butylbenzylphthalate	20.73	149	129194	27.770	nq	98
81) Benzo(a)anthracene	21.71	228	308720	30.384	nq	98
82) 3,3'-Dichlorobenzidine	21.63	252	69382	17.554	nq	96
83) Chrysene	21.78	228	286101	29.756	nq	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	181355	27.503	nq	99
85) Di-n-octyl phthalate	22.81	149	307380	27.186	nq	97
86) Indeno(1,2,3-cd)pyrene	28.83	276	338534	30.981	nq	98
88) Benzo(b)fluoranthene	23.98	252	302341	29.858	nq #	96
89) Benzo(k)fluoranthene	24.05	252	292584	29.011	nq #	98
90) Benzo(a)pyrene	24.88	252	292543	29.784	nq #	96
91) Dibenzo(a,h)anthracene	28.89	278	279554	30.009	nq #	96
92) Benzo(g,h,i)perylene	30.03	276	282987	30.618	nq #	92

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



#1

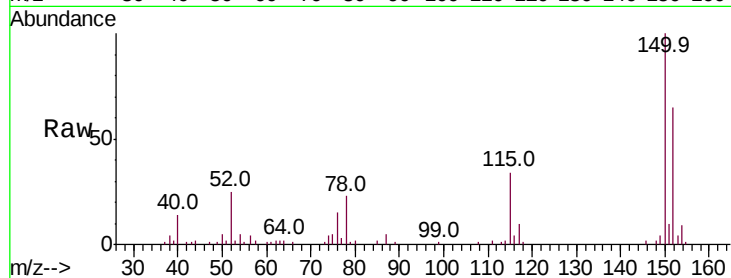
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
PB115573BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	126.0	189.0
115	52.3	45.5	68.3

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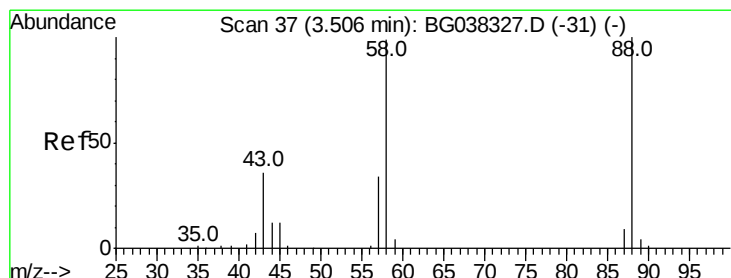
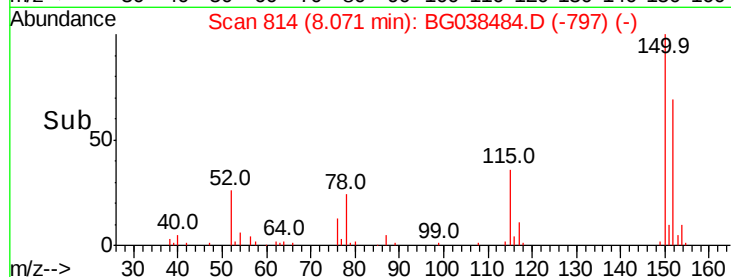
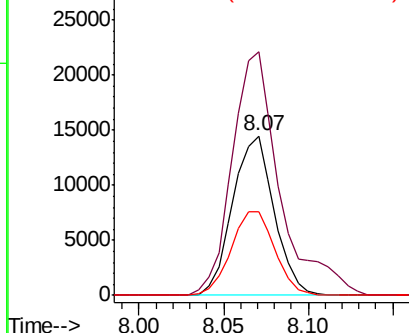


Abundance

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: 18.029 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

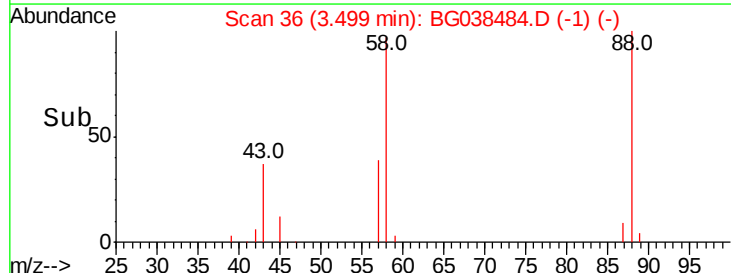
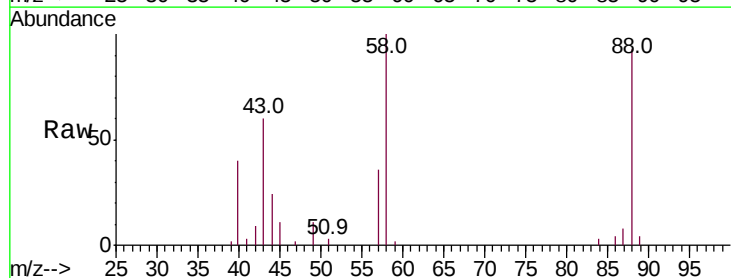
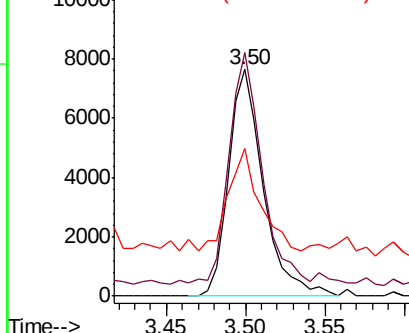
Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.2	74.4	111.6
43	41.4	25.8	38.8

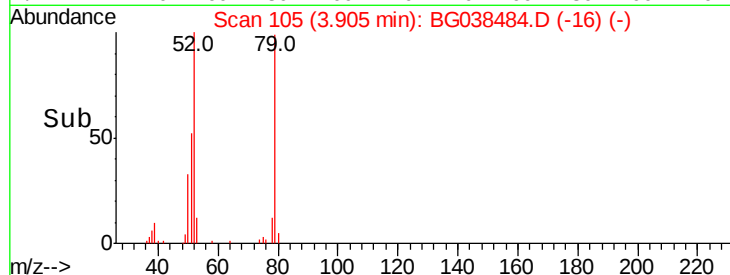
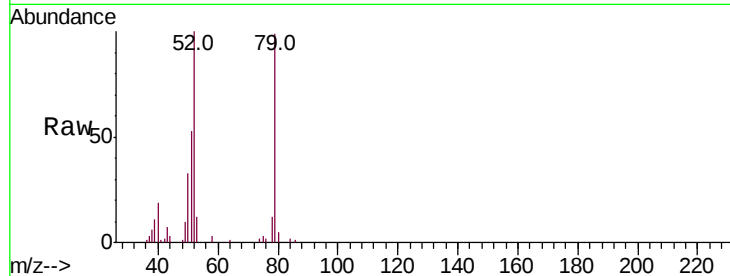
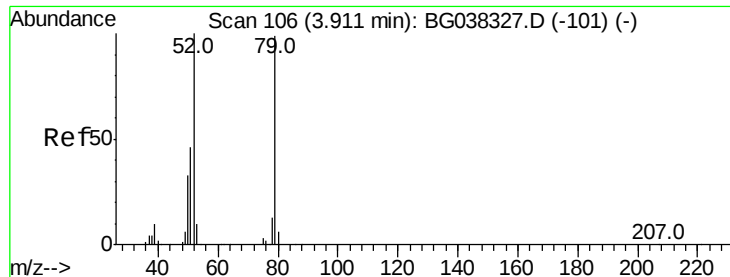
Abundance

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





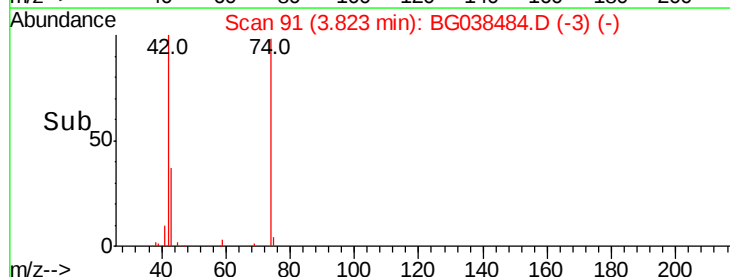
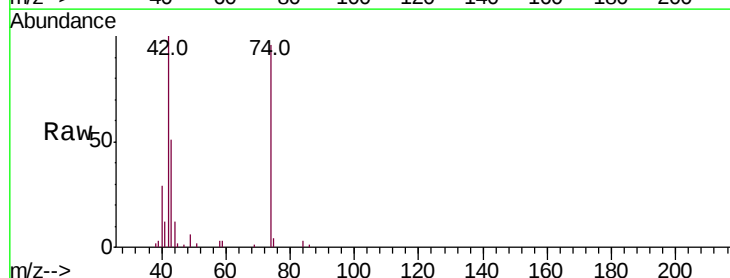
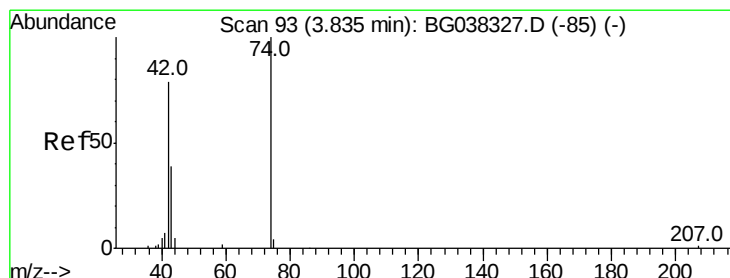
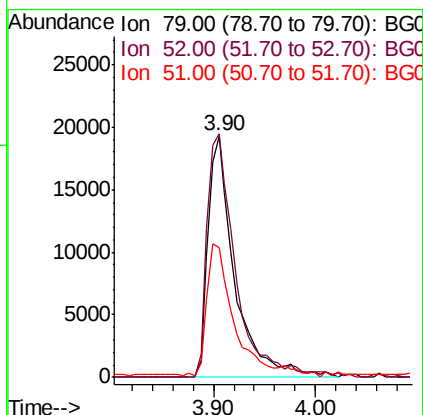
#3
 Pvridine
 Concen: 18.332 ng
 RT: 3.90 min Scan# 105
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	100.8	74.2	111.2		
51	53.7	34.6	51.8		

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

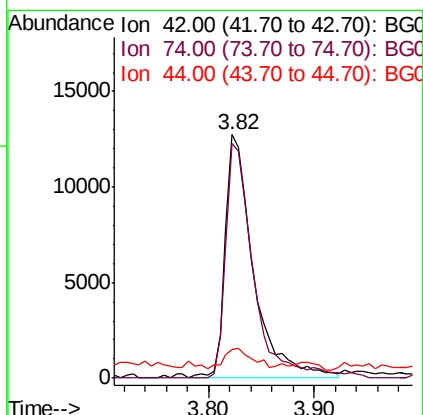
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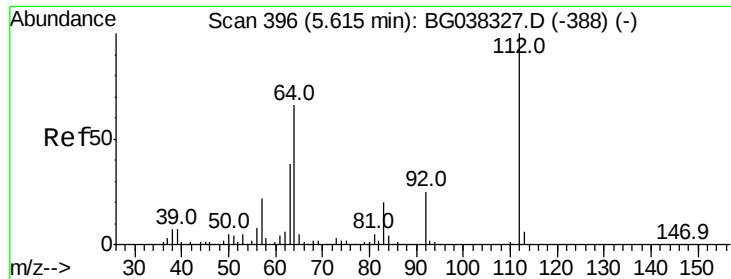
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#4
 n-Nitrosodimethylamine
 Concen: 28.423 ng
 RT: 3.82 min Scan# 91
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	96.5	102.0	153.0		
44	11.6	9.6	14.4		





#5

2-Fluorophenol

Concen: 94.854 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

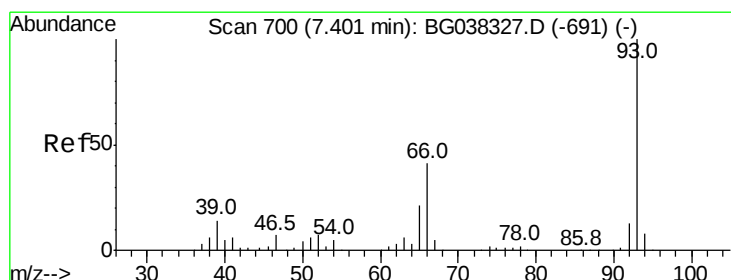
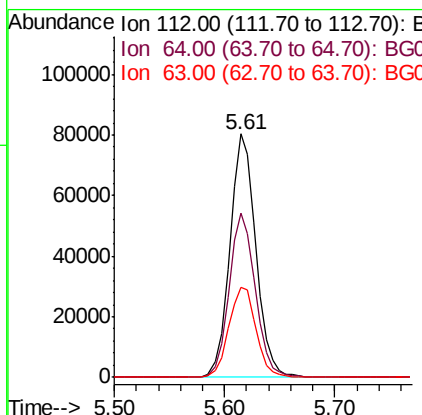
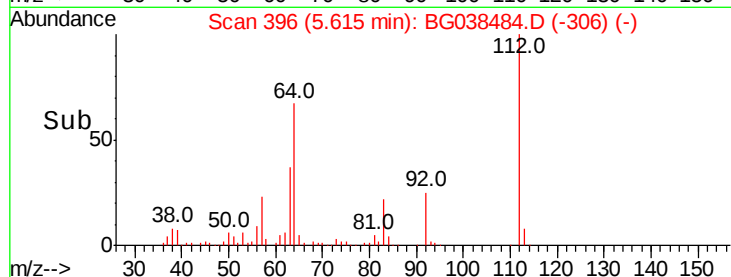
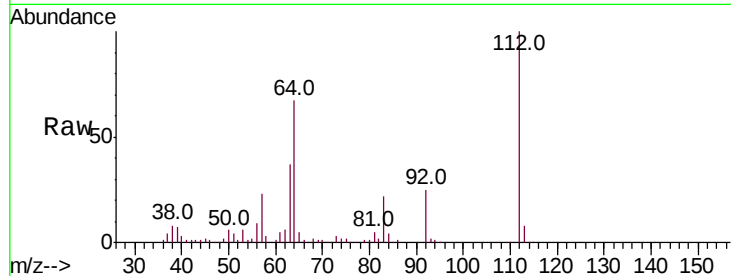
ClientSampleId :

PB115573BS

Tot Ion:	112	Resp:	132308
Ion Ratio	Lower	Upper	
112	100		
64	67.4	53.1	79.7
63	37.0	27.3	40.9

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#6

Aniline

Concen: 12.859 ng

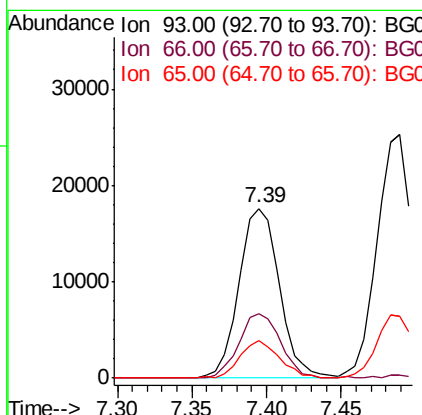
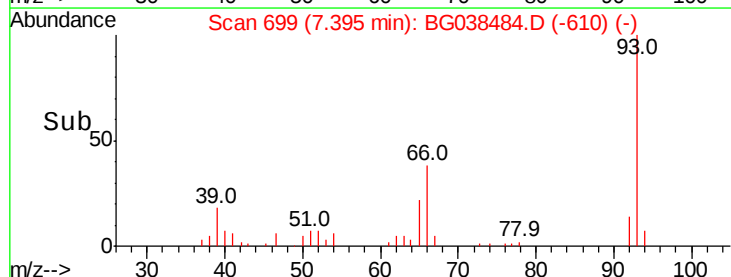
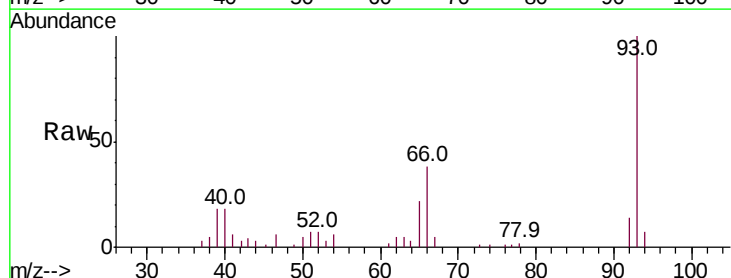
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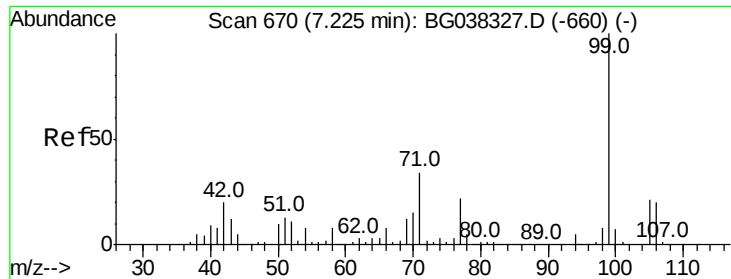
Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Tgt Ion:	93	Resp:	33112
Ion Ratio	Lower	Upper	
93	100		
66	38.0	32.8	49.2
65	21.8	16.4	24.6





#7

Phenol-d6

Concen: 92.687 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

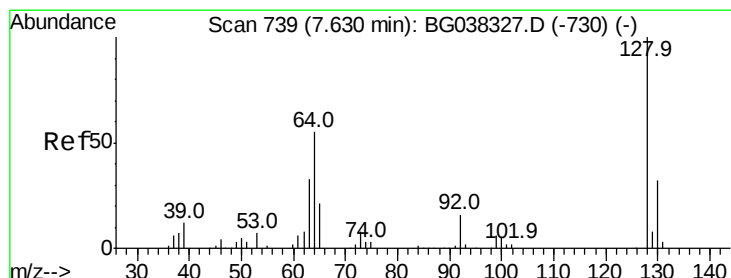
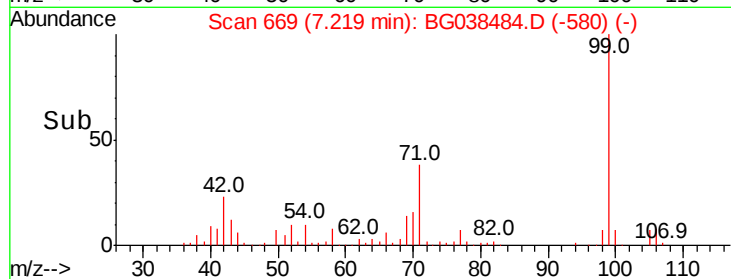
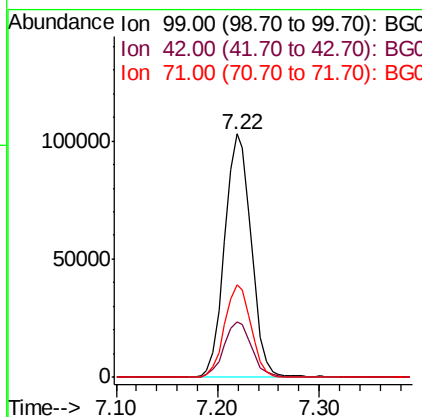
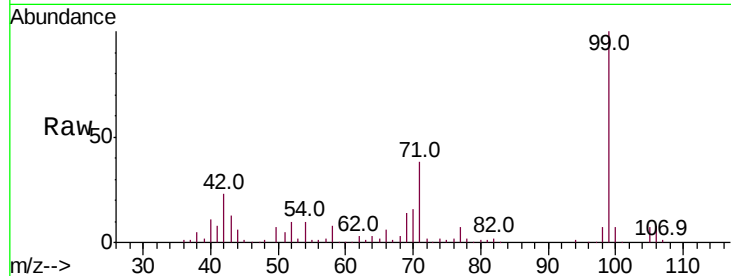
ClientSampleId :

PB115573BS

Tot Ion:	99	Resp:	186861
Ion Ratio	Lower	Upper	
99	100		
42	23.0	15.0	22.4#
71	38.3	25.5	38.3

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#8

2-Chlorophenol

Concen: 30.759 ng

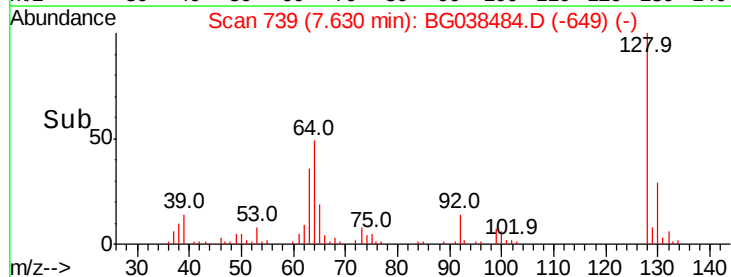
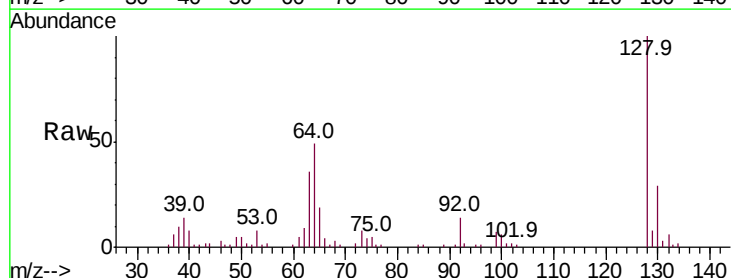
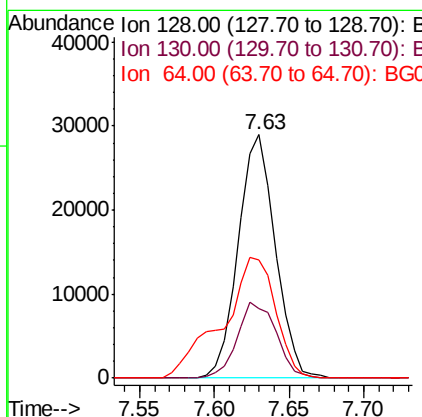
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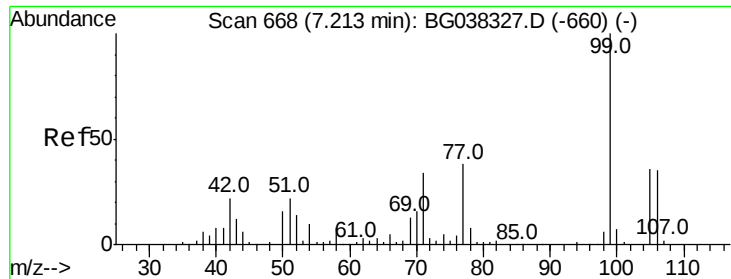
Delta R.T. -0.00 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Tgt Ion:	128	Resp:	49828
Ion Ratio	Lower	Upper	
128	100		
130	28.6	12.0	52.0
64	48.6	32.9	72.9





#9

Benzaldehyde

Concen: 14.905 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampled :

PB115573BS

Tot Ion: 77 Resp: 19028

Ion Ratio Lower Upper

77 100

105 82.8 72.6 112.6

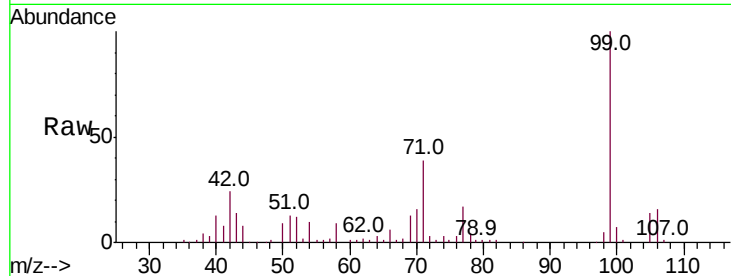
106 90.5 71.3 111.3

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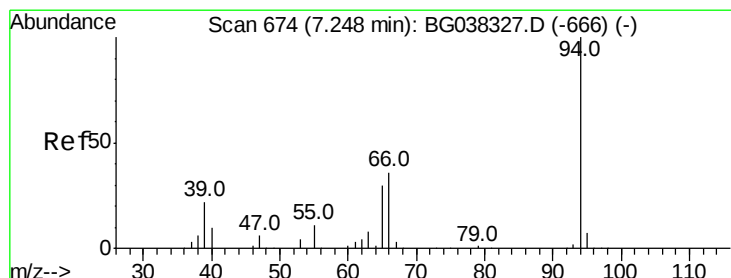
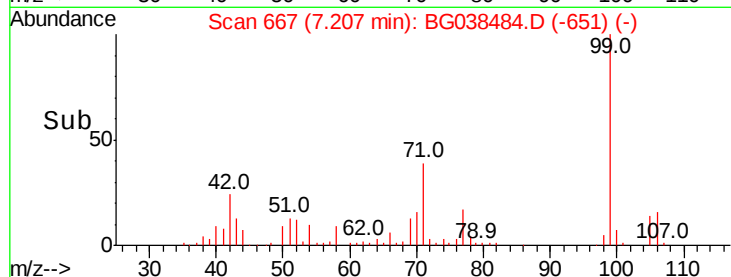
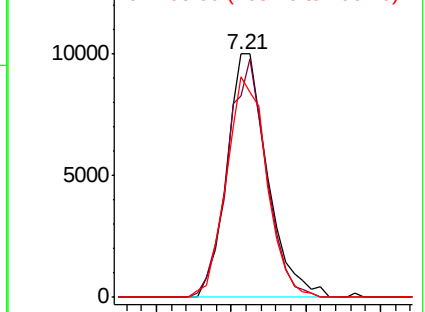
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 29.840 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

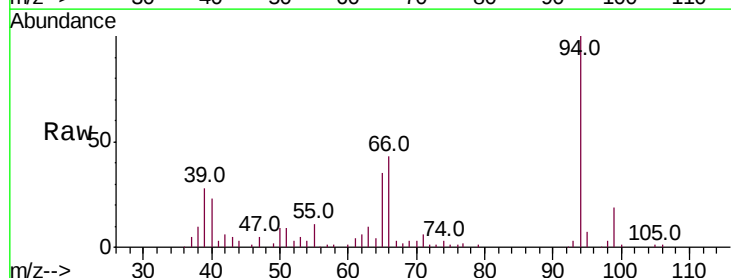
Tgt Ion: 94 Resp: 63561

Ion Ratio Lower Upper

94 100

65 34.9 9.7 49.7

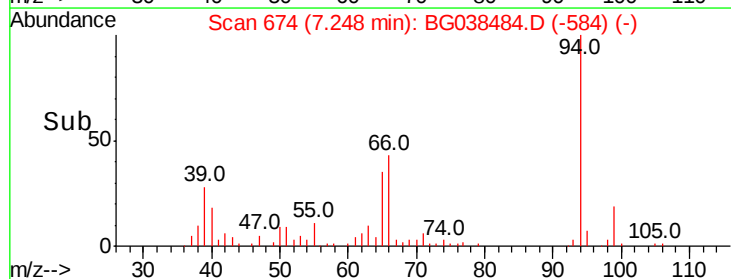
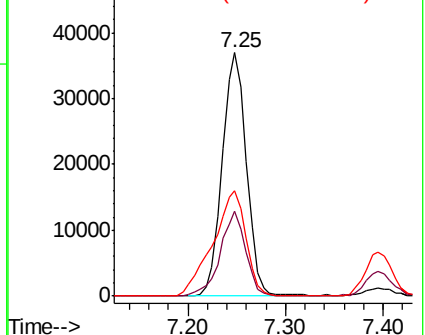
66 43.3 15.9 55.9

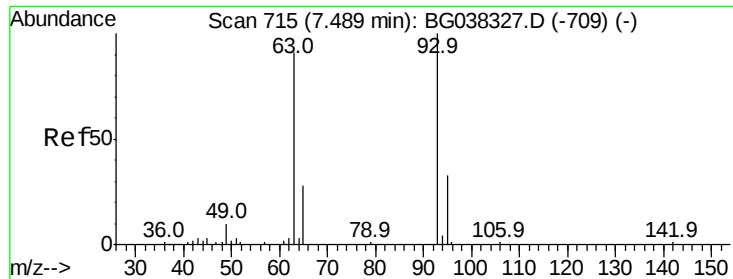


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





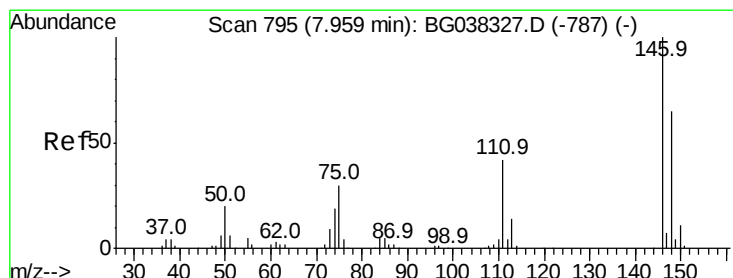
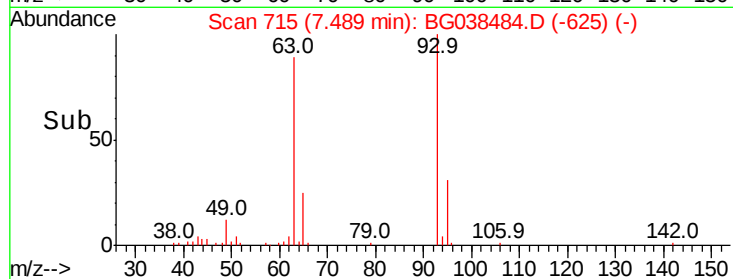
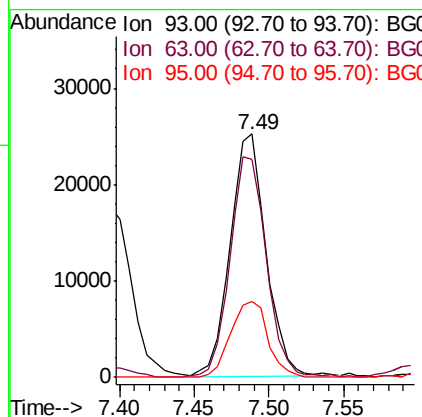
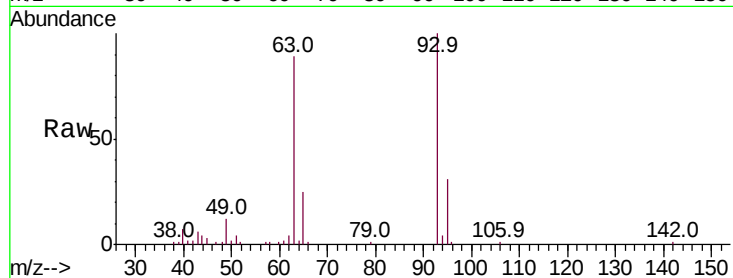
#11
bis(2-Chloroethyl)ether
Concen: 24.164 ng
RT: 7.49 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
PB115573BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.5	69.5	109.5
95	31.4	12.6	52.6

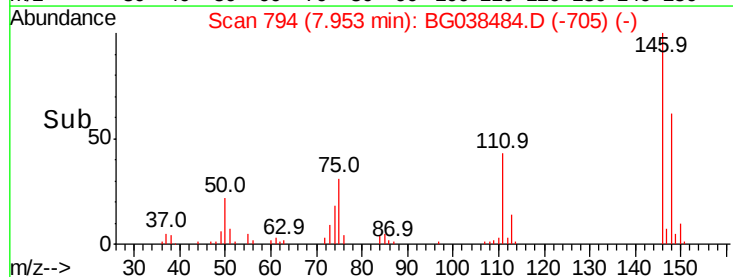
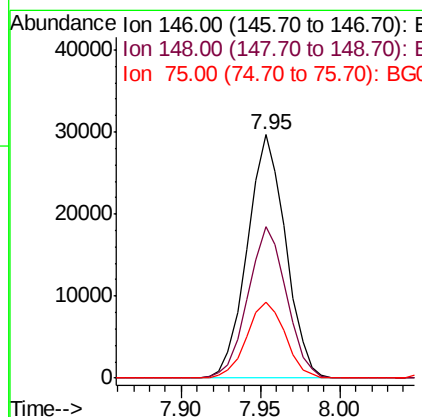
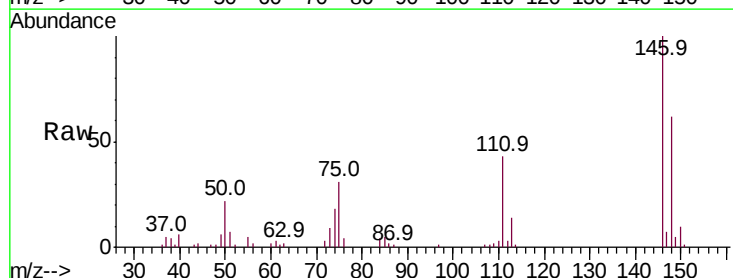
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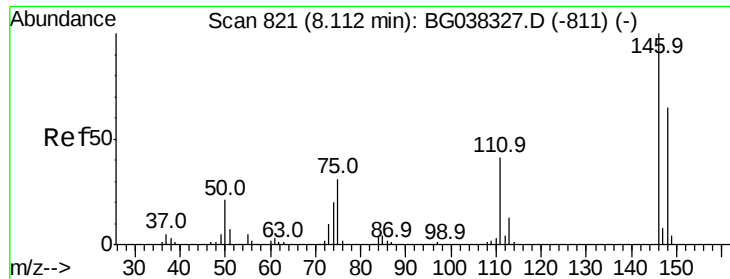
Sohil
12/12/2018 5:38:45 PM



#12
1,3-Dichlorobenzene
Concen: 26.296 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	49.8	74.8
75	31.3	23.2	34.8





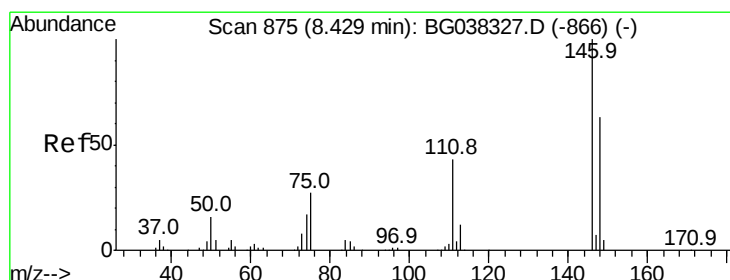
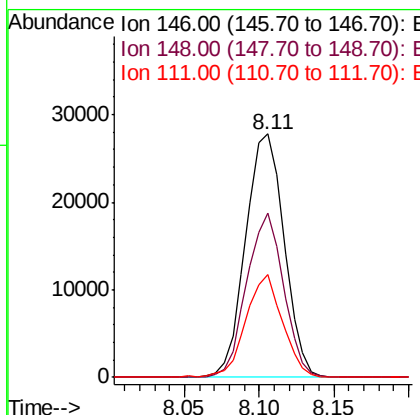
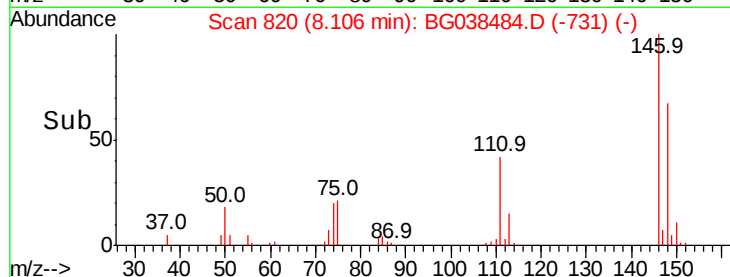
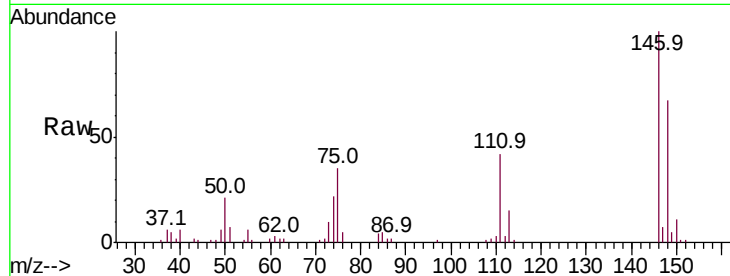
#13
 1,4-Dichlorobenzene
 Concen: 25.335 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.2	51.0	76.6
111	42.0	32.4	48.6

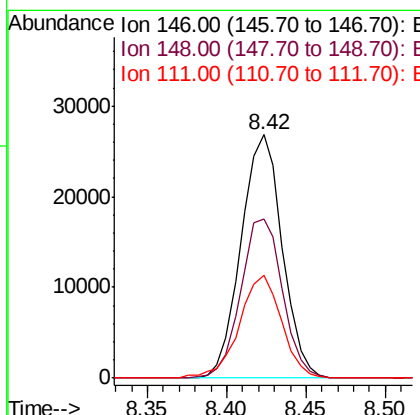
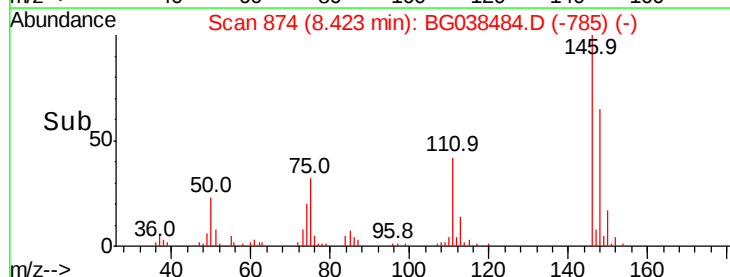
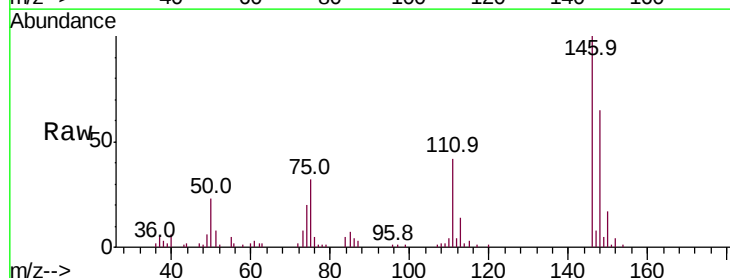
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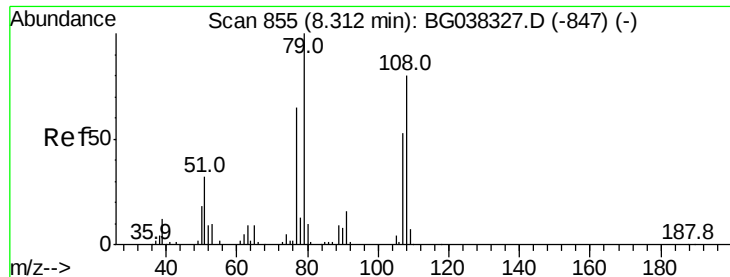
Sohil
 12/12/2018 5:38:45 PM



#14
 1,2-Dichlorobenzene
 Concen: 23.424 ng
 RT: 8.42 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.4	75.6
111	42.5	34.6	51.8





#15

Benzyl Alcohol

Concen: 26.222 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

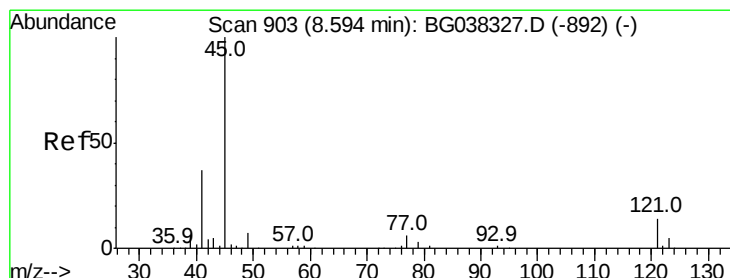
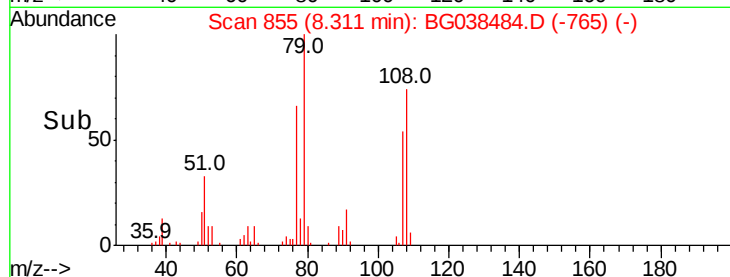
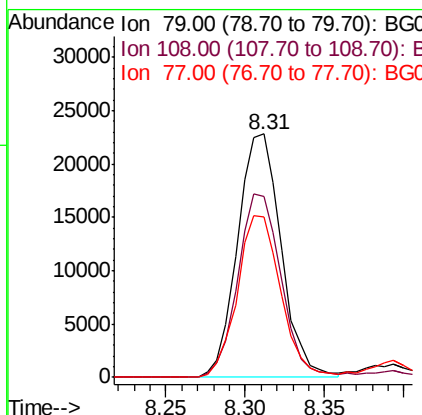
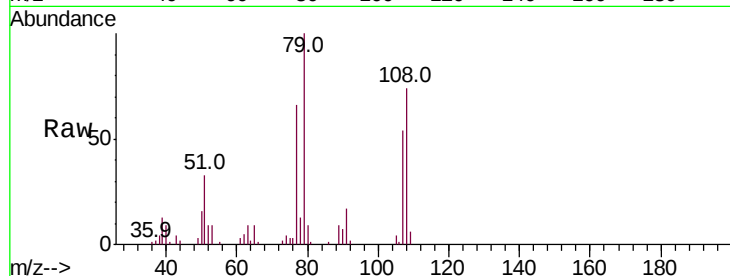
ClientSampleId :

PB115573BS

Tot Ion:	79	Resp:	43462
Ion Ratio	Lower	Upper	
79	100		
108	74.5	65.8	98.8
77	65.7	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.659 ng

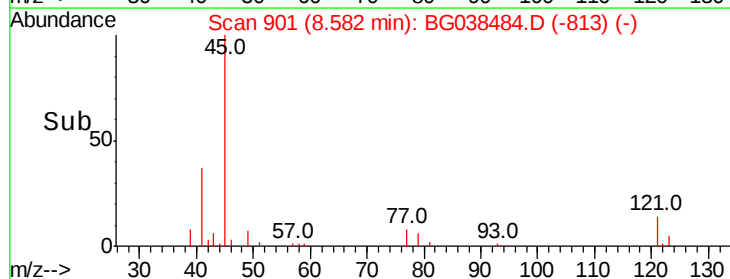
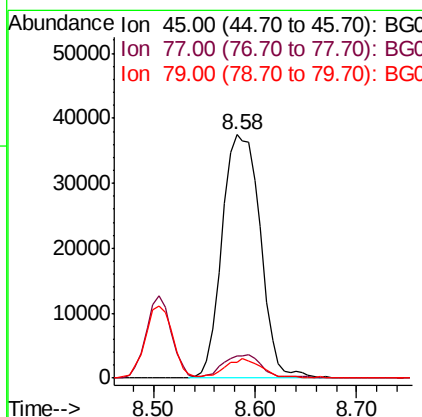
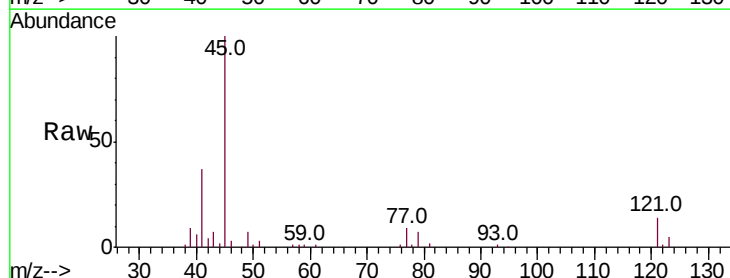
RT: 8.58 min Scan# 901

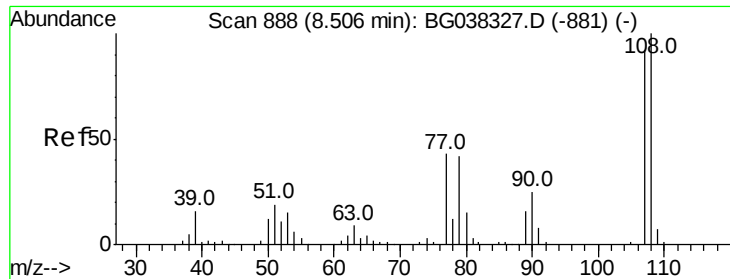
Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Tgt Ion:	45	Resp:	97849
Ion Ratio	Lower	Upper	
45	100		
77	9.3	0.0	30.0
79	6.6	0.0	29.0





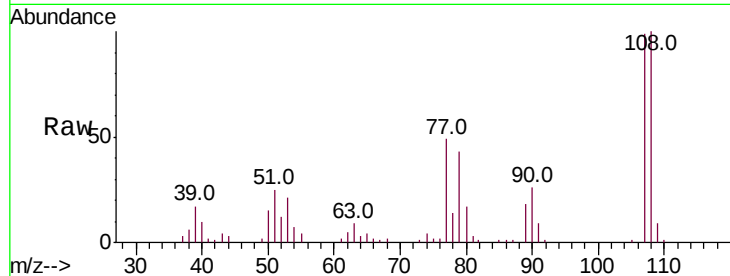
#17
2-Methylphenol
Concen: 27.592 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
PB115573BS

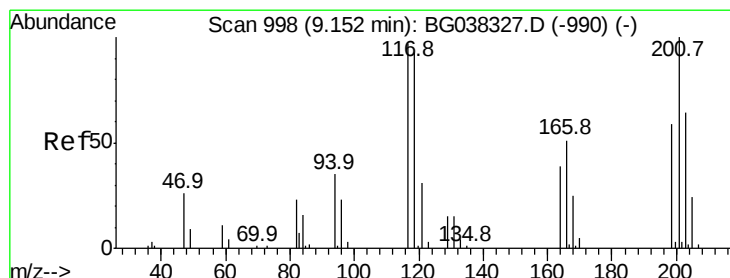
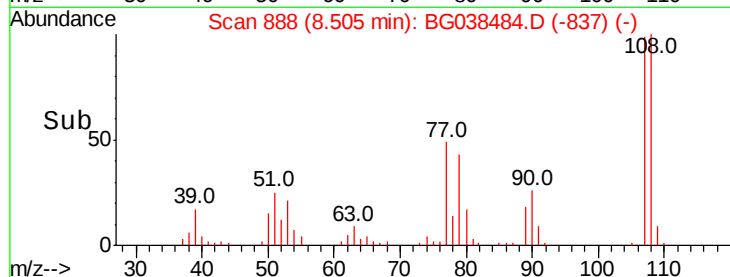
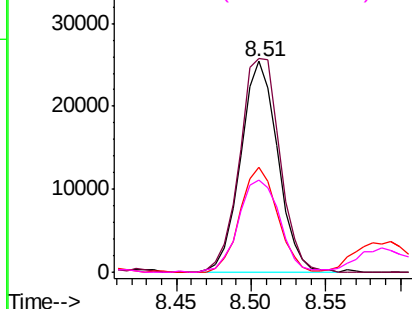
Tot Ion	Ratio	Lower	Upper
107	100		
108	101.4	87.9	131.9
77	49.6	35.1	52.7
79	43.8	34.5	51.7

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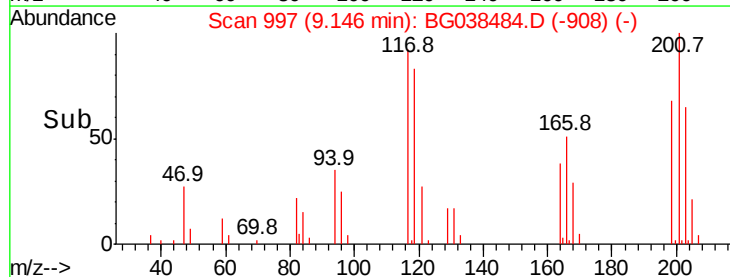
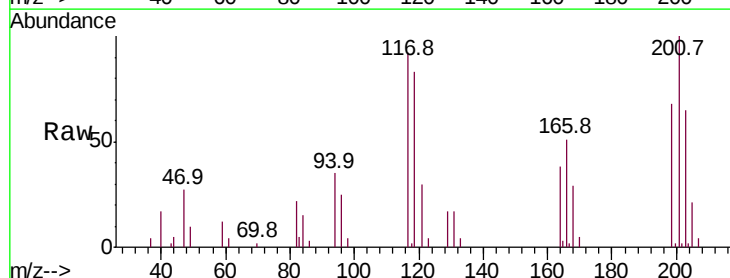
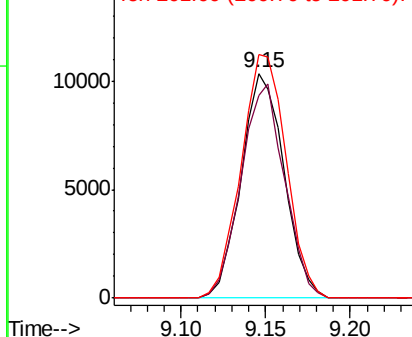
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

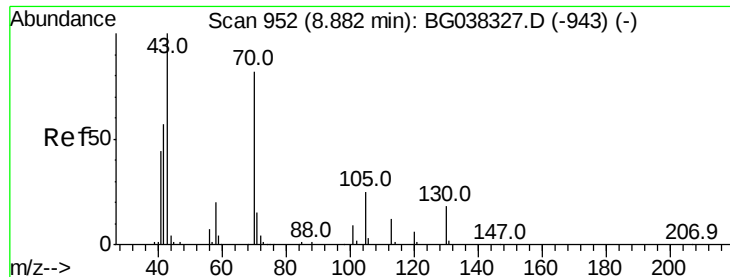


#18
Hexachloroethane
Concen: 25.757 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.9	74.6	111.8
201	111.0	80.8	121.2

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





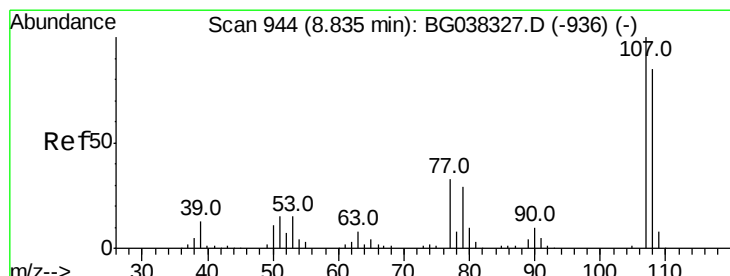
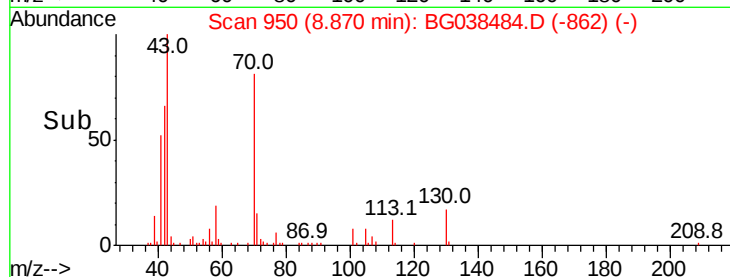
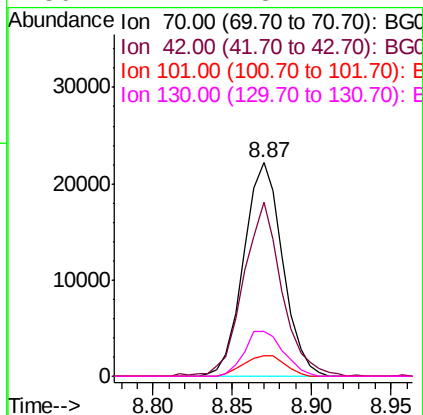
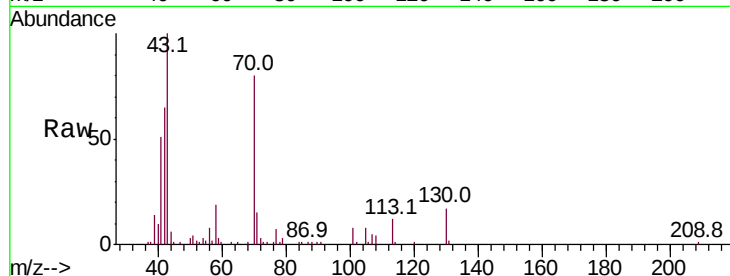
#19
n-Nitroso-di-n-propylamine
Concen: 24.804 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
PB115573BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	81.8	53.9	80.9#
101	9.8	8.2	12.2
130	21.2	18.2	27.4

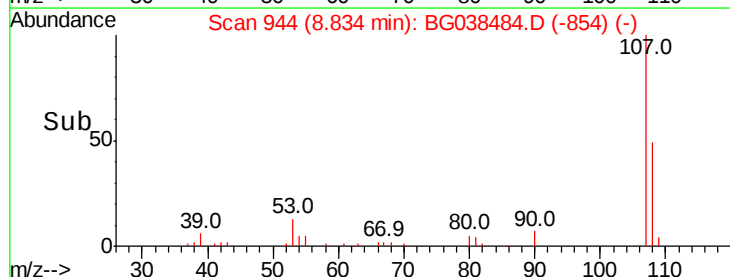
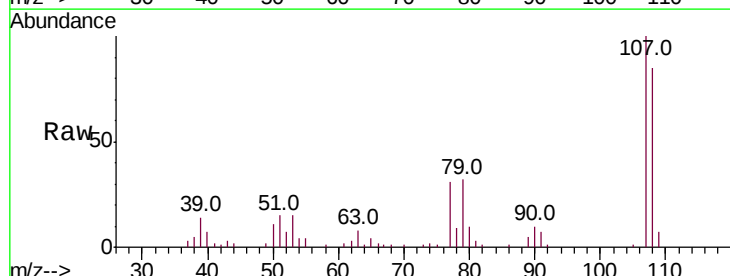
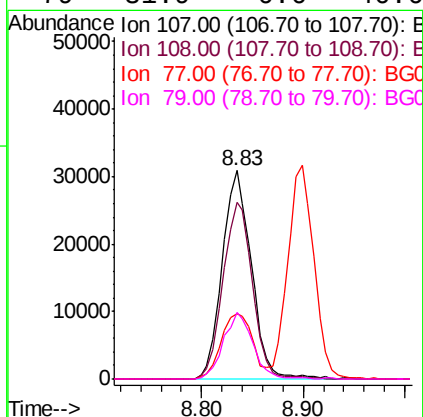
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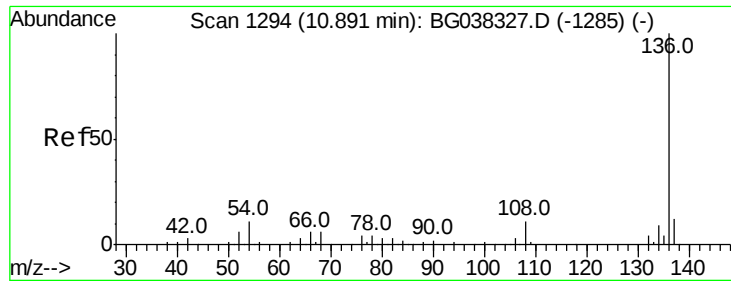
Sohil
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#20
3+4-Methylphenols
Concen: 28.581 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.7	69.9	109.9
77	31.3	11.2	51.2
79	31.9	6.6	46.6





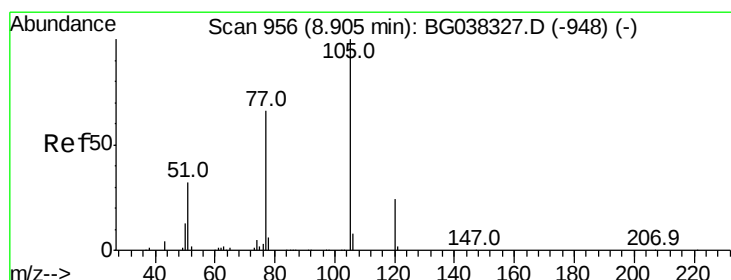
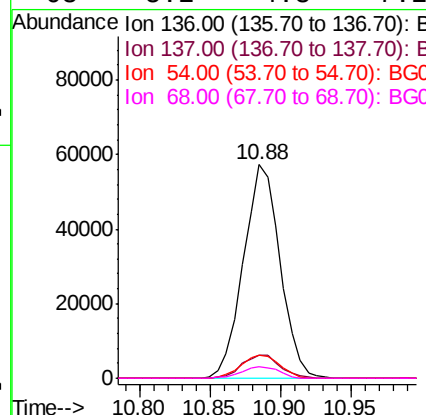
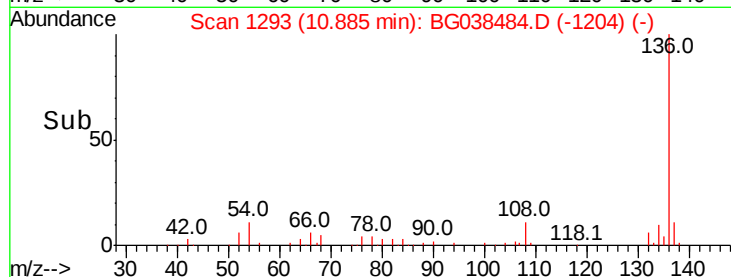
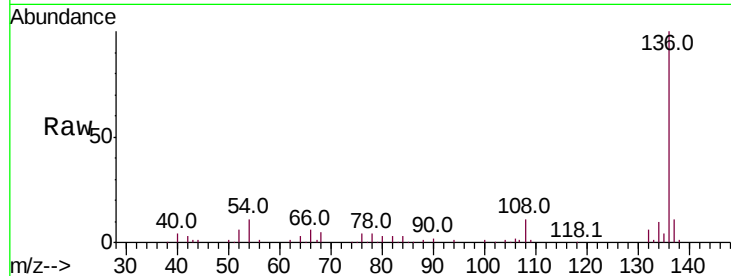
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
PB115573BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	104100		
137	10.8		9.6	14.4
54	11.1		7.9	11.9
68	5.2		4.8	7.2

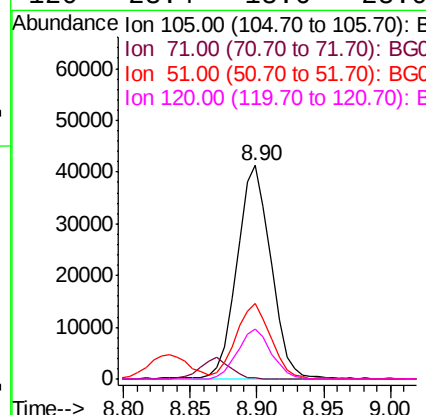
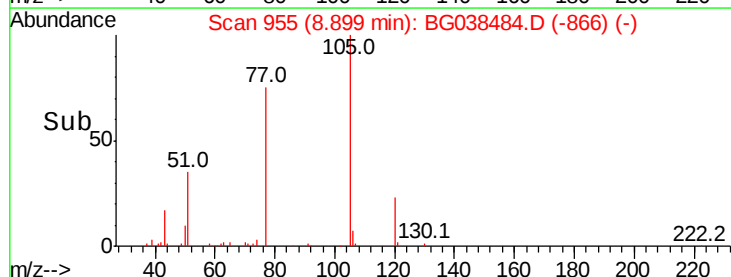
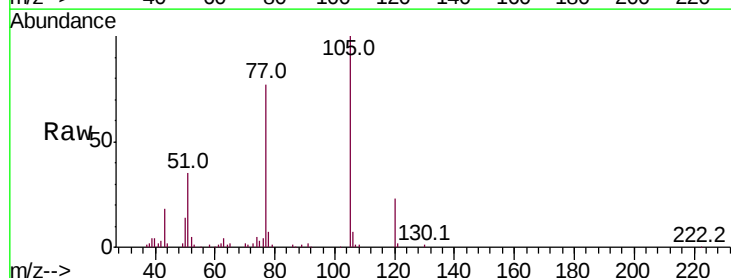
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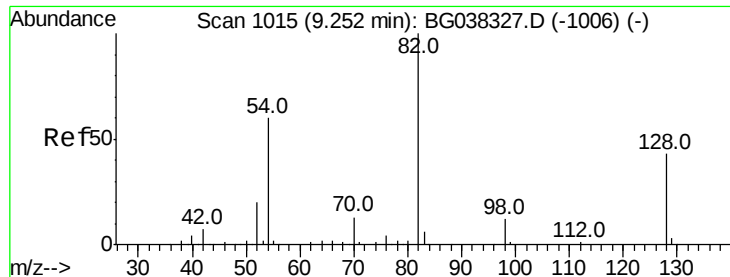
Sohil
12/12/2018 5:38:45 PM



#22
Acetophenone
Concen: 28.118 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	72596		
71	0.5		1.2	1.8#
51	35.4		25.0	37.6
120	23.4		18.6	28.0





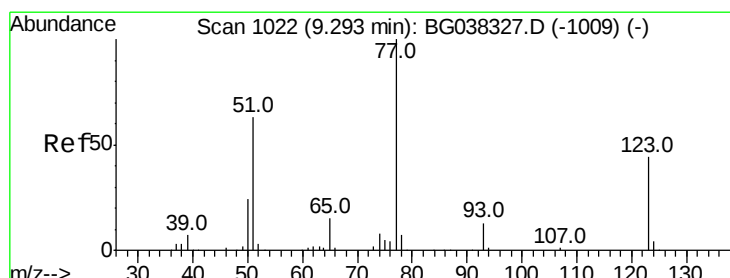
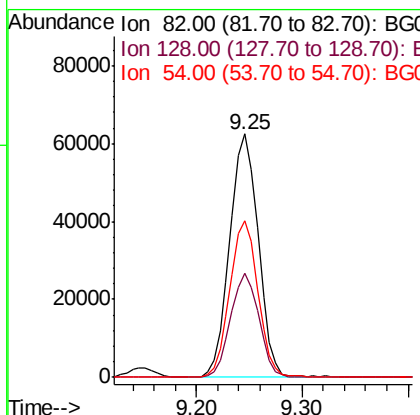
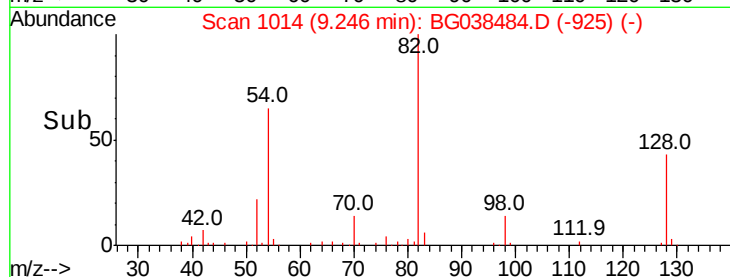
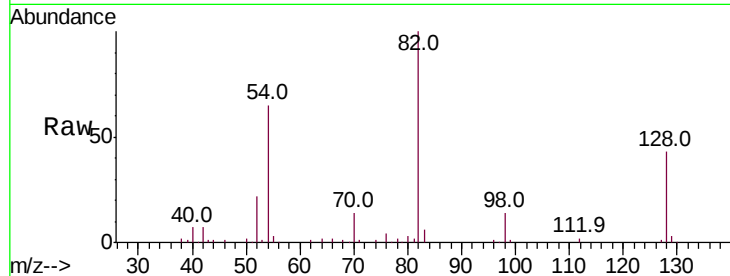
#23
Nitrobenzene-d5
Concen: 55.730 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
PB115573BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.9	34.6	51.8	
54	64.6	45.3	67.9	

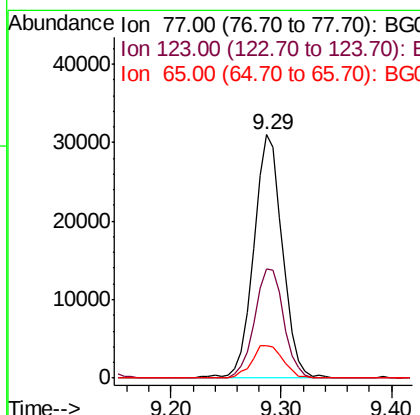
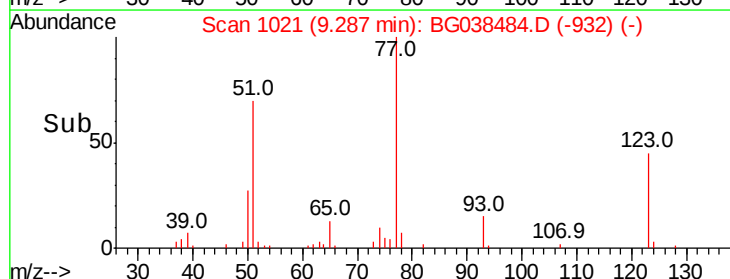
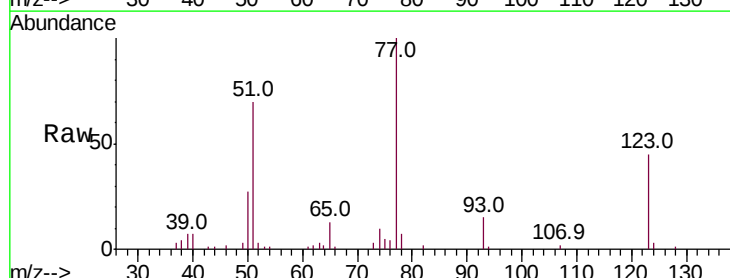
Manual Integrations
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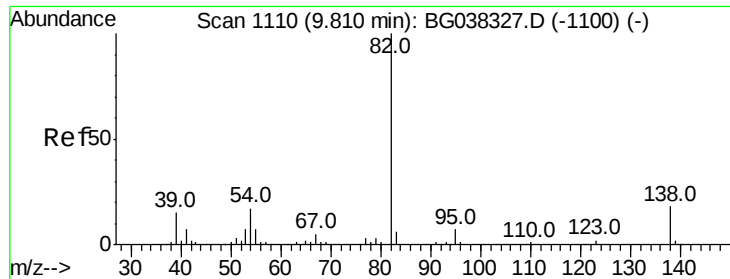
Sohil
12/12/2018 5:38:45 PM



#24
Nitrobenzene
Concen: 26.463 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.7	33.6	50.4	
65	13.4	11.3	16.9	





#25

Isophorone

Concen: 28.631 ng

RT: 9.80 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

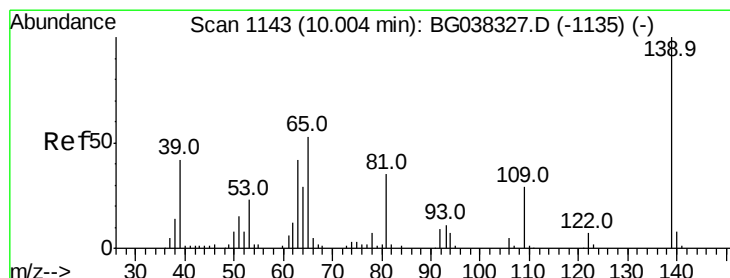
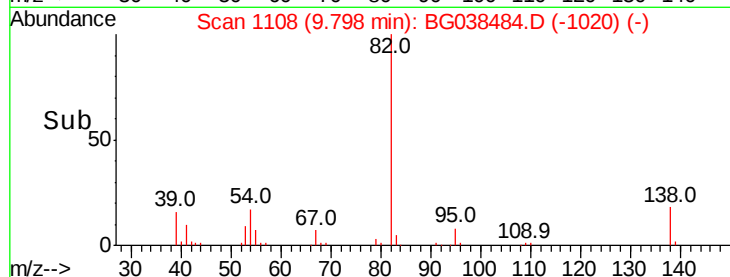
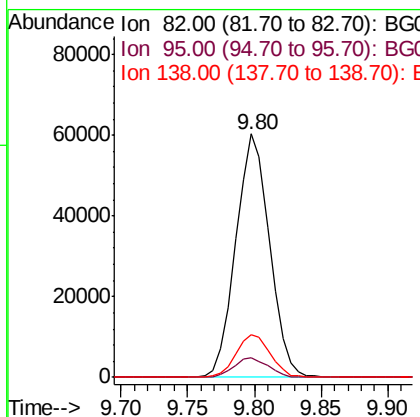
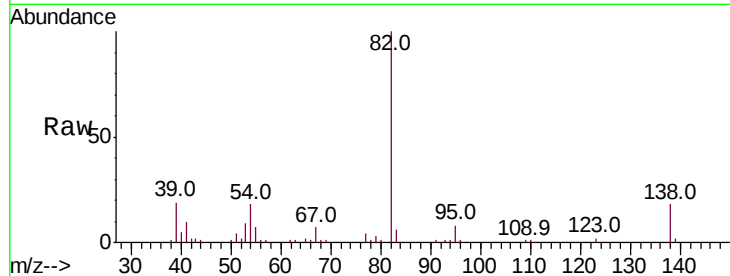
ClientSampleId :

PB115573BS

Tot Ion:	82	Resp:	105500
Ion Ratio		Lower	Upper
82	100		
95	7.8	5.3	7.9
138	17.6	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 29.120 ng

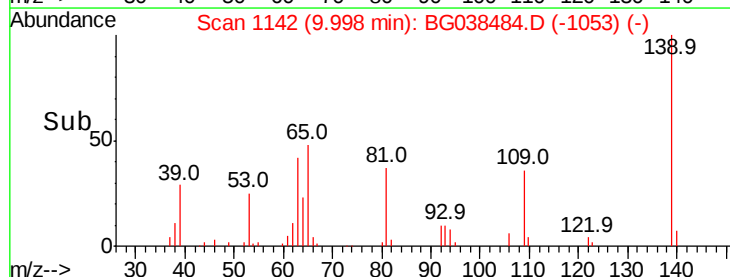
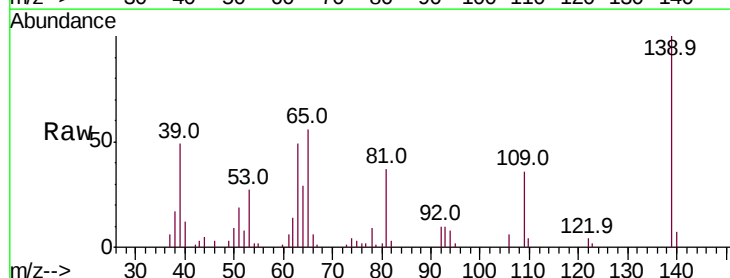
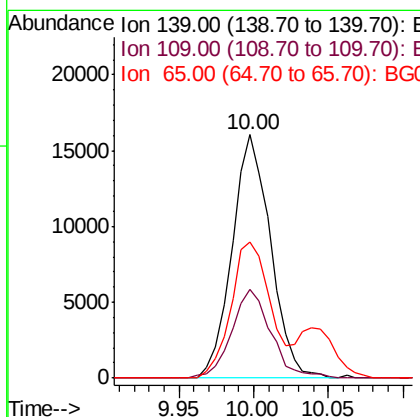
RT: 10.00 min Scan# 1142

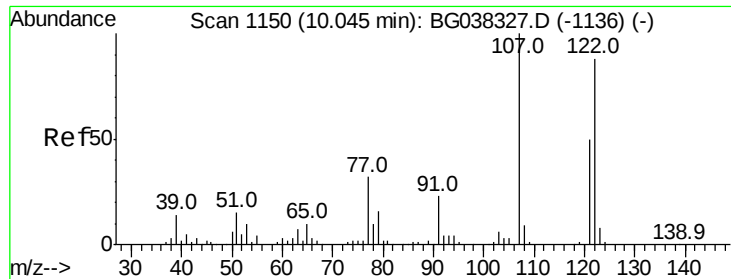
Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Tgt Ion:	139	Resp:	28743
Ion Ratio		Lower	Upper
139	100		
109	36.2	23.3	34.9#
65	55.9	39.8	59.8





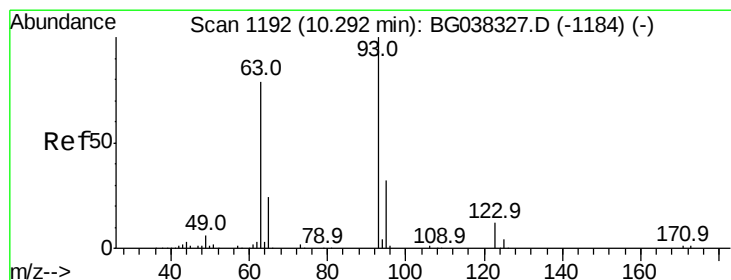
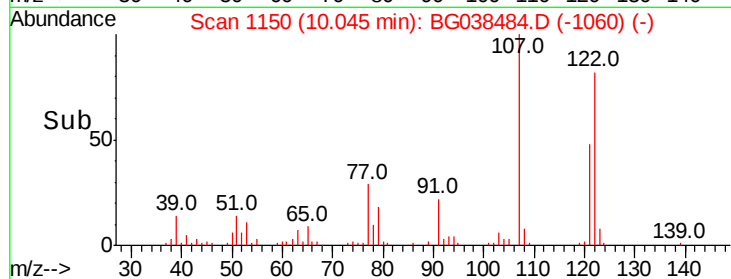
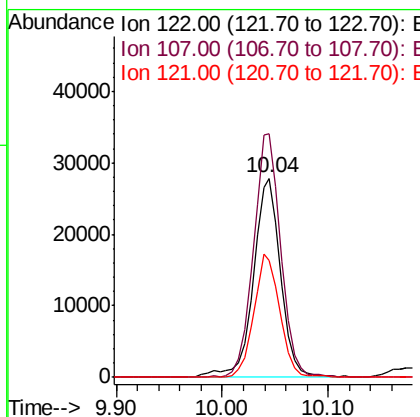
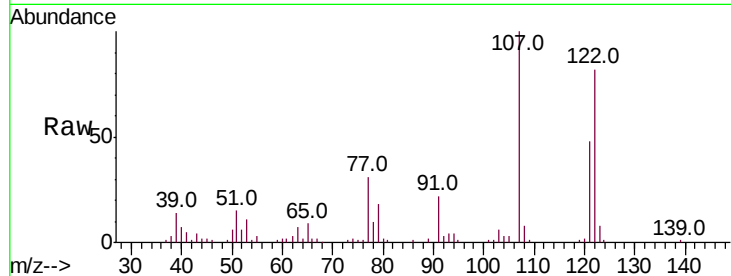
#27
 2,4-Dimethylphenol
 Concen: 35.290 ng
 RT: 10.04 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.1	94.2	141.2
121	58.4	47.3	70.9

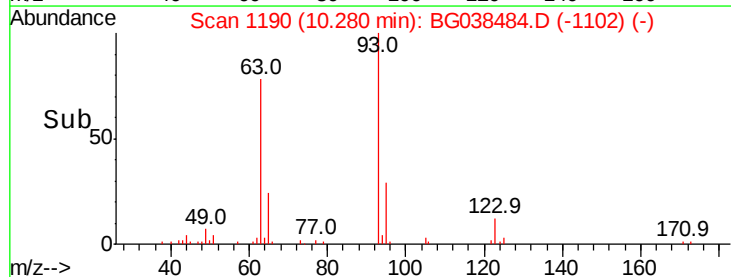
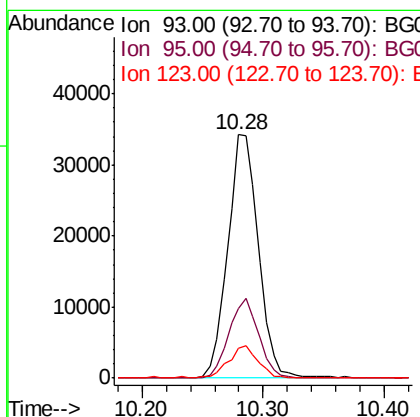
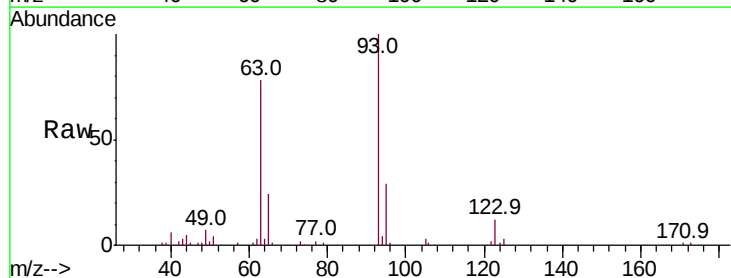
Manual Integrations
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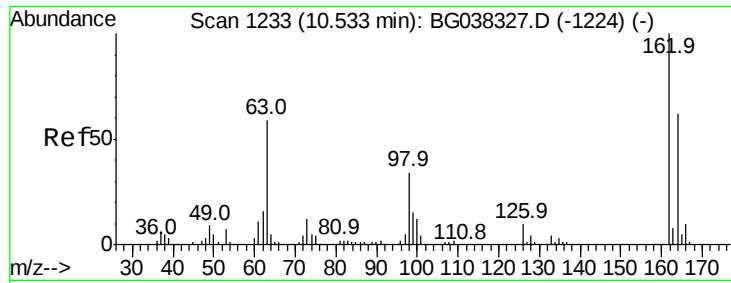
Sohil
 12/12/2018 5:38:45 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 28.559 ng
 RT: 10.28 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	28.7	24.6	37.0
123	12.1	9.1	13.7





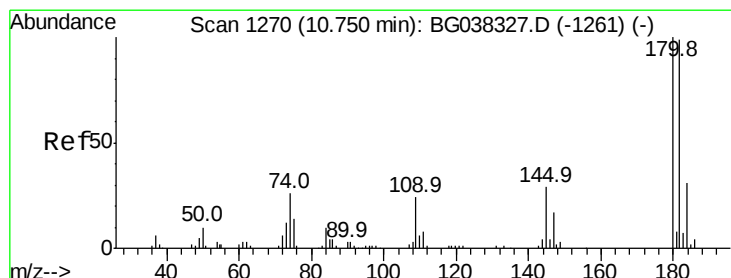
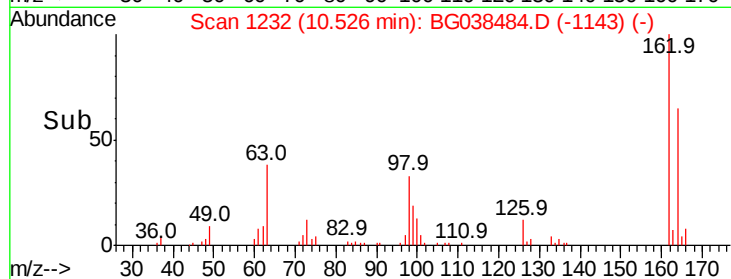
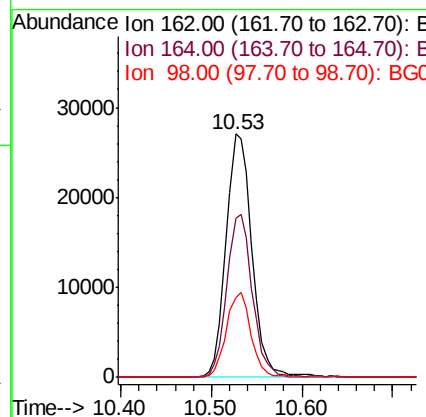
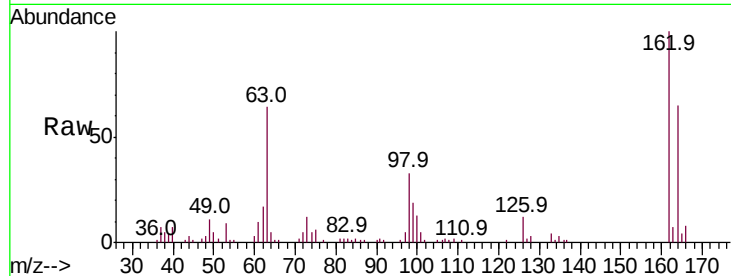
#29
 2,4-Dichlorophenol
 Concen: 33.249 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

Tot Ion:	162	Resp:	53809
Ion Ratio	Lower	Upper	
162	100		
164	65.3	43.2	83.2
98	32.5	16.0	56.0

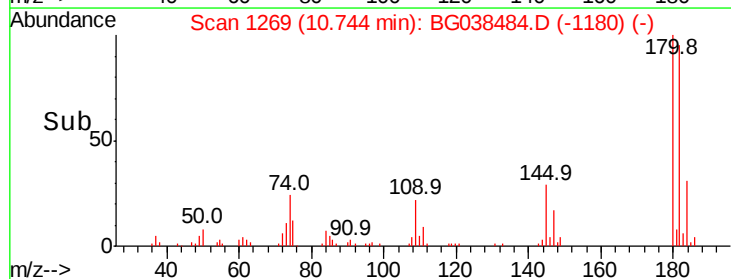
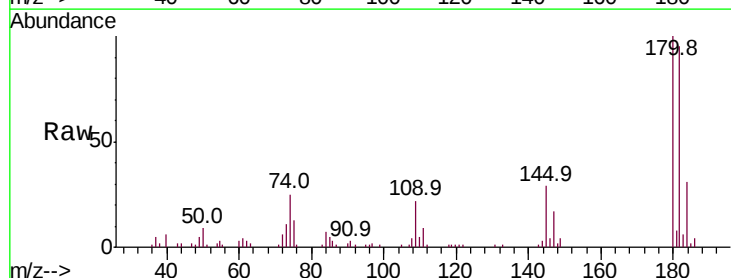
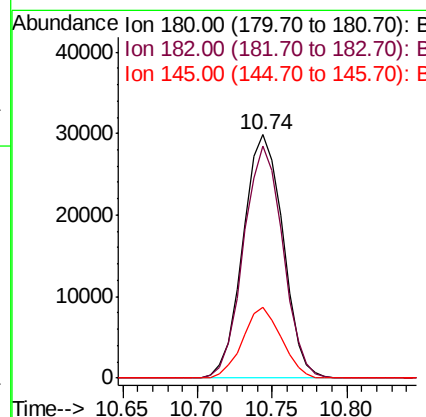
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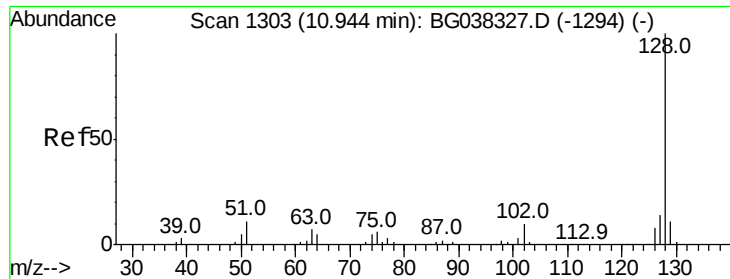
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#30
 1,2,4-Trichlorobenzene
 Concen: 29.105 ng
 RT: 10.74 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Tgt Ion:	180	Resp:	55294
Ion Ratio	Lower	Upper	
180	100		
182	95.3	77.7	116.5
145	28.9	23.3	34.9





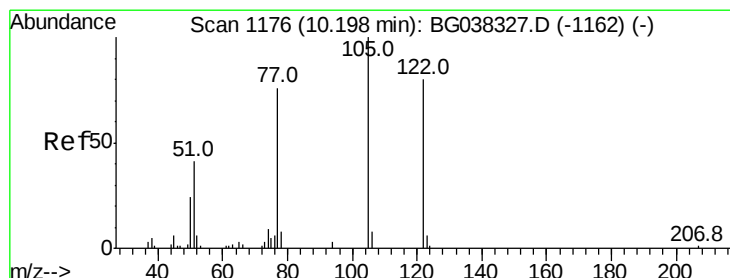
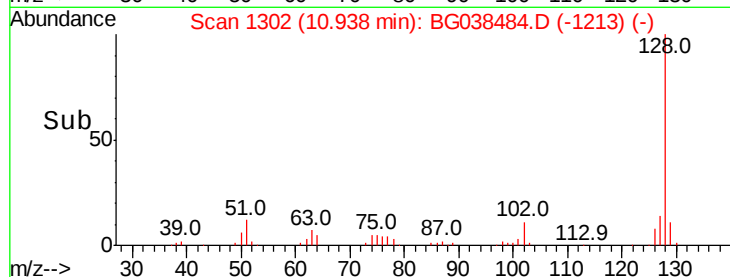
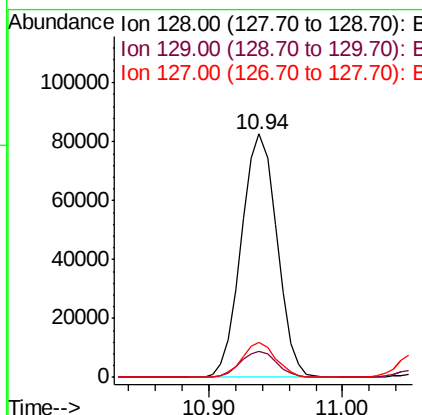
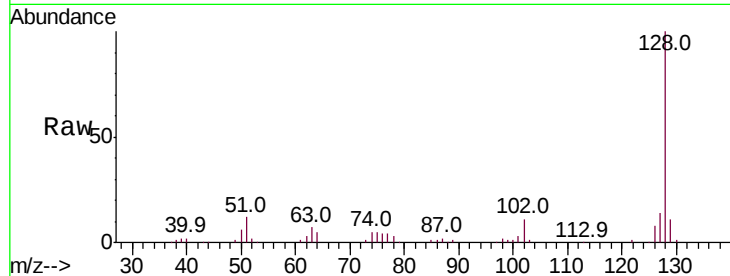
#31
Naphthalene
Concen: 30.671 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
PB115573BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	14.4	11.1	16.7

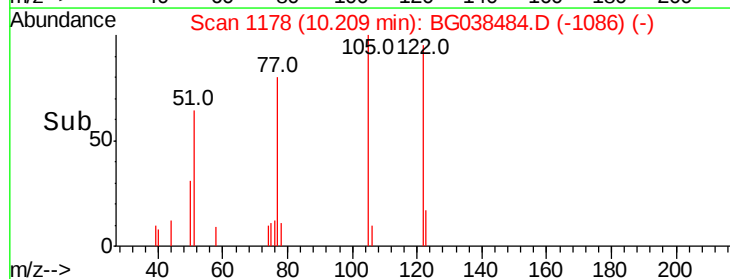
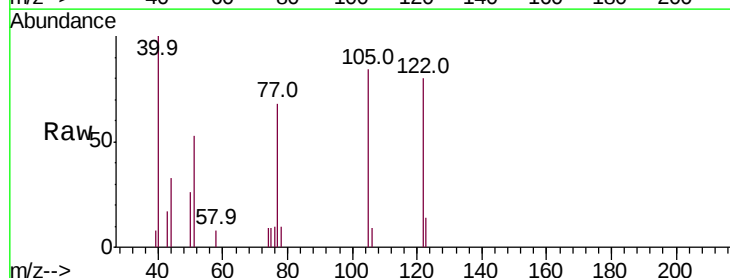
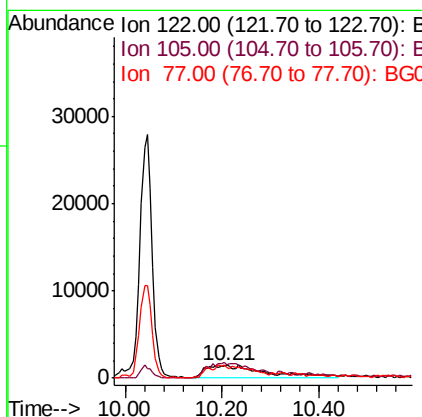
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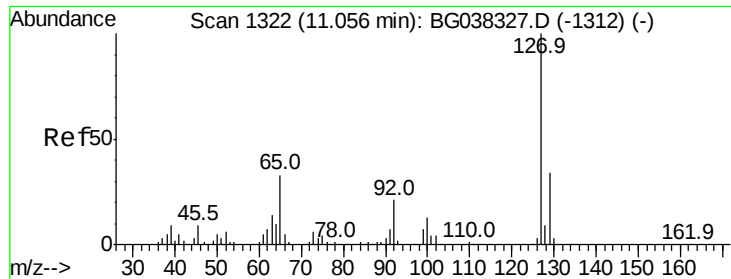
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#32
Benzoic acid
Concen: 16.593 ng m
RT: 10.21 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	105.4	106.7	146.7#
77	84.9	72.2	112.2





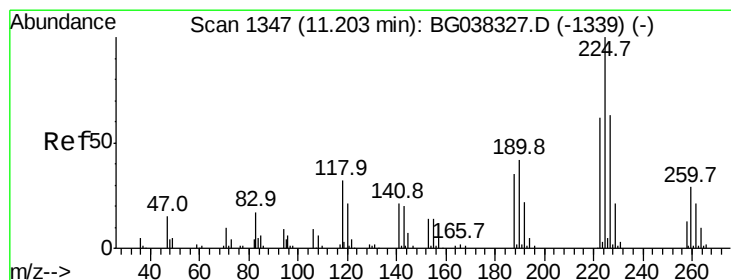
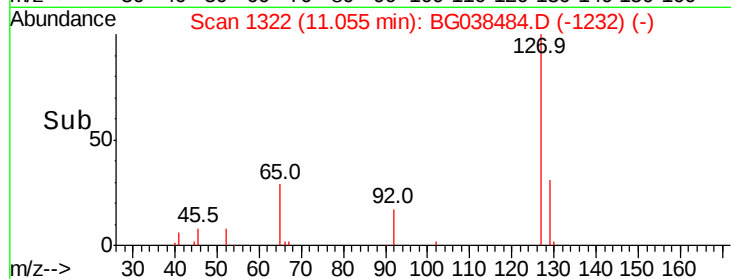
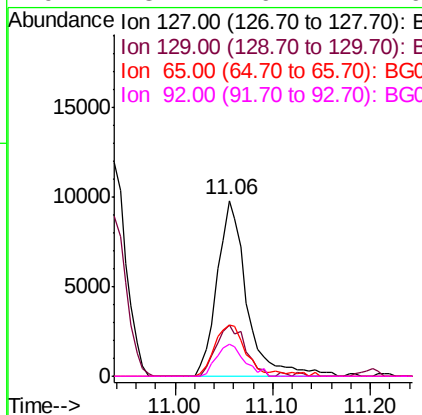
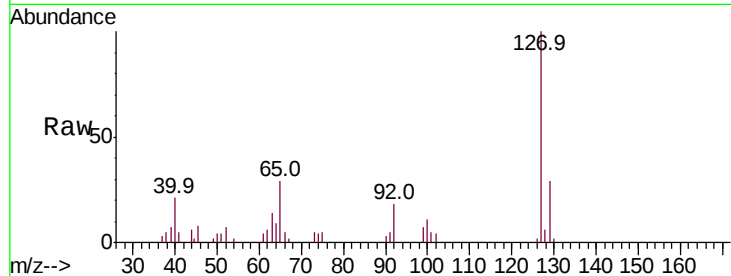
#33
4-Chloroaniline
Concen: 9.332 ng
RT: 11.06 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
PB115573BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.4	27.1	40.7
65	29.1	26.6	39.8
92	18.2	16.4	24.6

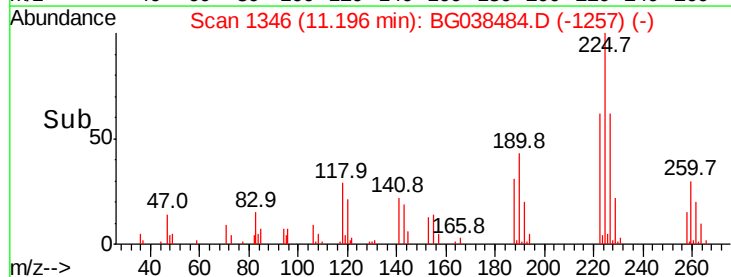
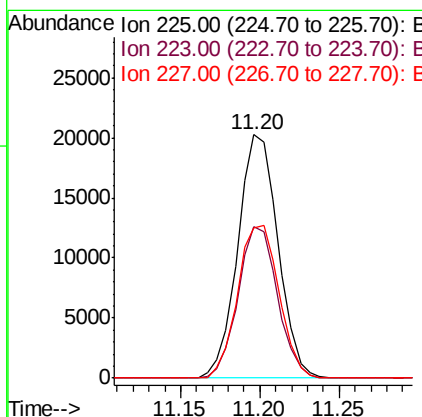
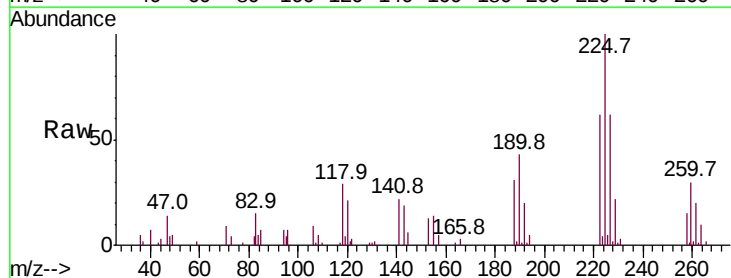
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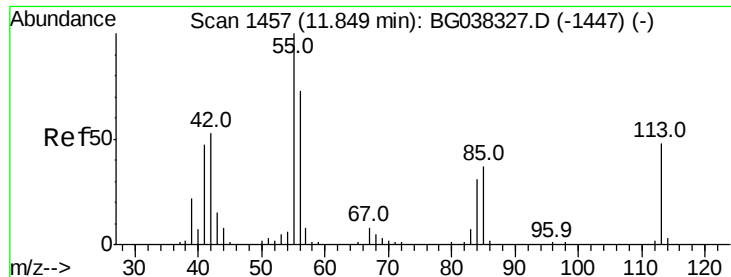
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#34
Hexachlorobutadiene
Concen: 30.010 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.2	72.4
227	58.9	51.6	77.4





#35

Caprolactam

Concen: 28.788 ng

RT: 11.83 min Scan# 1454

Delta R.T. -0.02 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB115573BS

Tot Ion:113 Resp: 19266

Ion Ratio Lower Upper

113 100

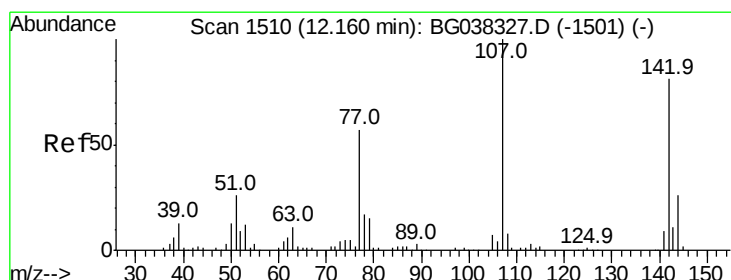
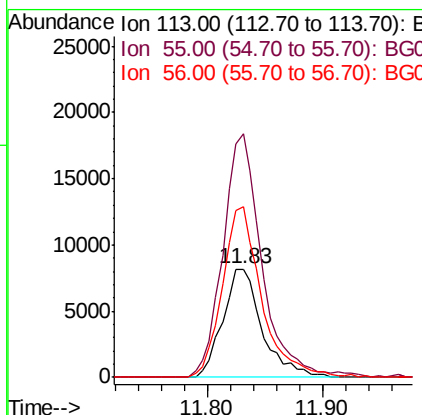
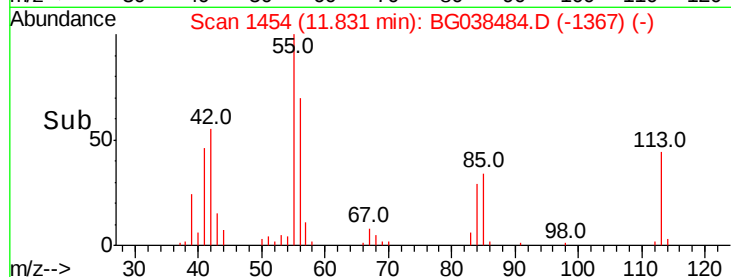
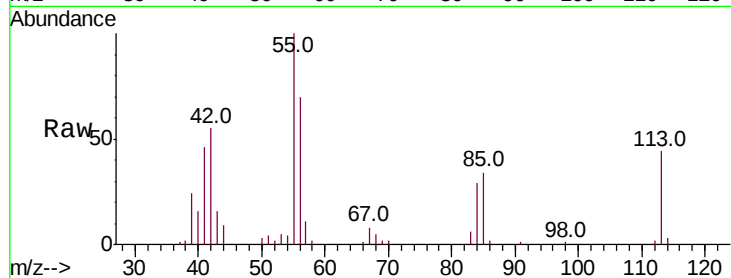
55 224.9 176.6 216.6#

56 157.3 128.3 168.3

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 33.257 ng

RT: 12.16 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

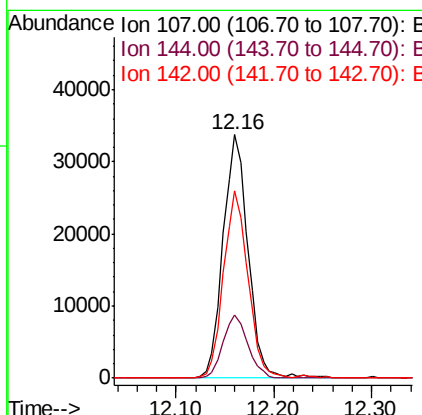
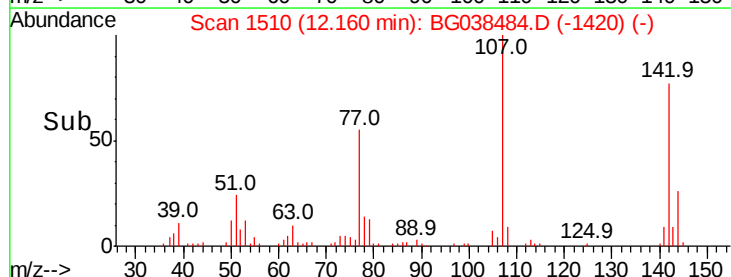
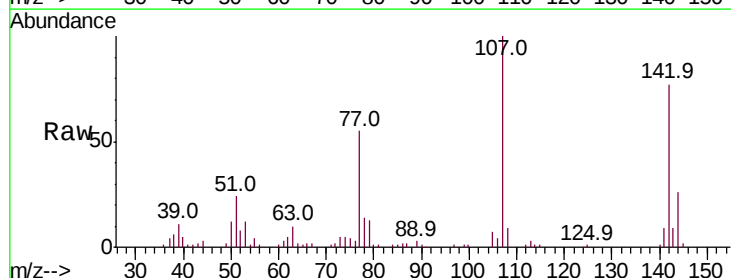
Tgt Ion:107 Resp: 59800

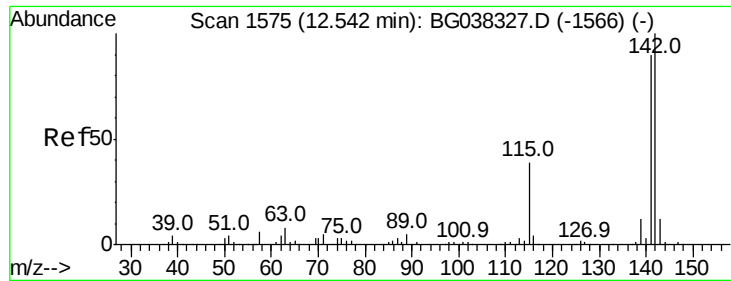
Ion Ratio Lower Upper

107 100

144 25.9 20.7 31.1

142 77.1 64.4 96.6





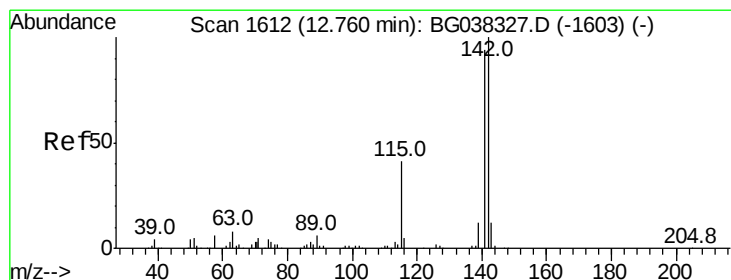
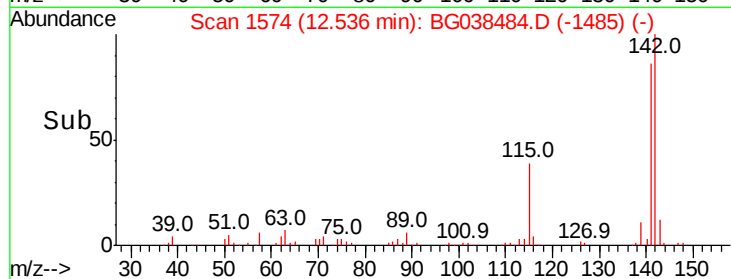
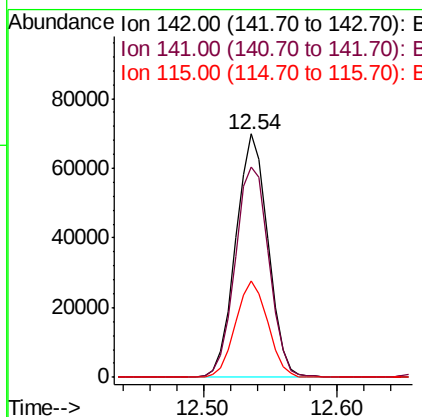
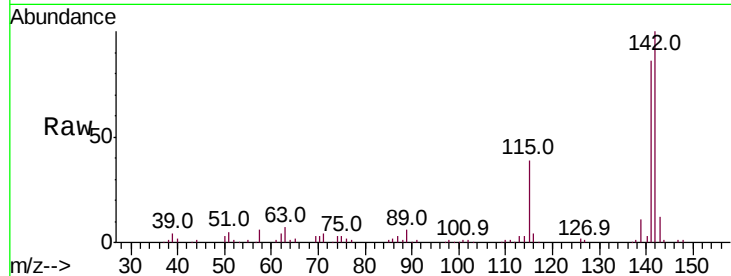
#37
2-Methylnaphthalene
Concen: 32.955 ng
RT: 12.54 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
PB115573BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.1	71.9	107.9
115	39.4	27.8	41.8

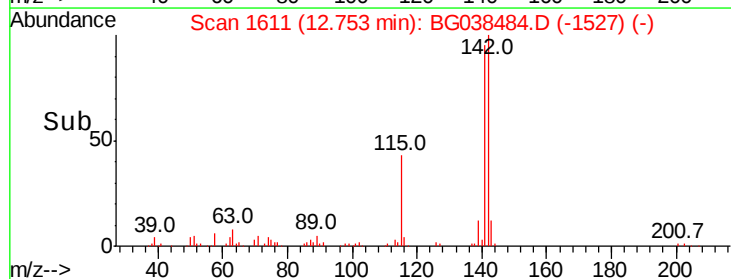
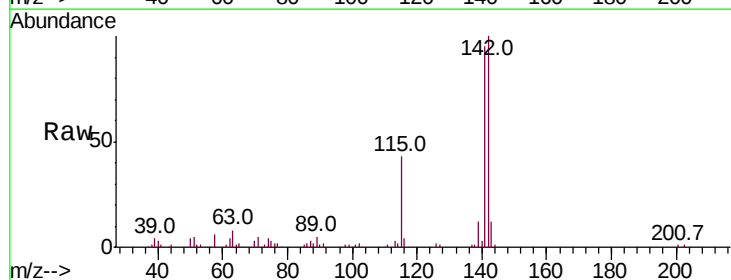
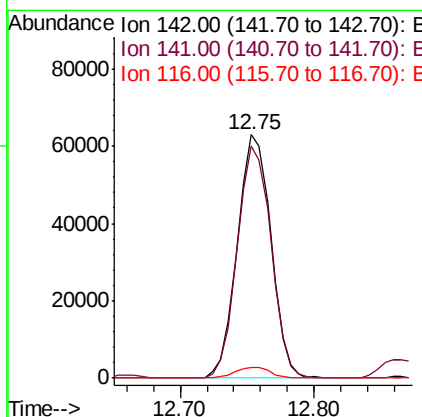
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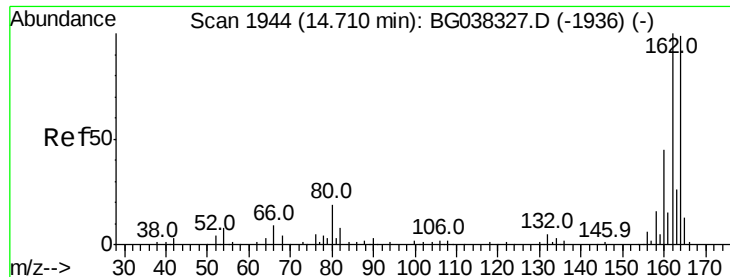
Sohil
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#38
1-Methylnaphthalene
Concen: 32.351 ng
RT: 12.75 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	75.2	112.8
116	4.2	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB115573BS

Tot Ion:164 Resp: 70052

Ion Ratio Lower Upper

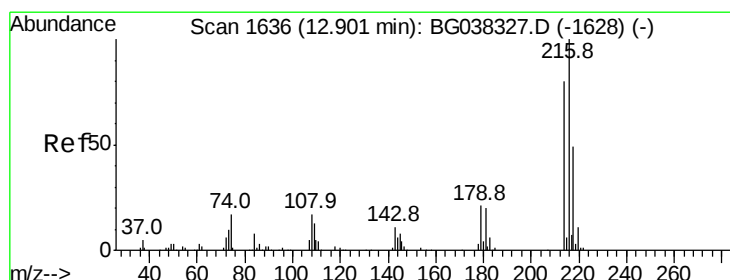
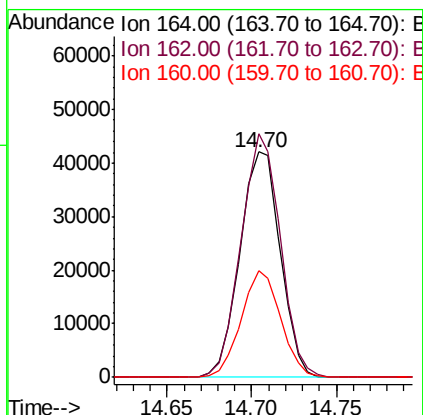
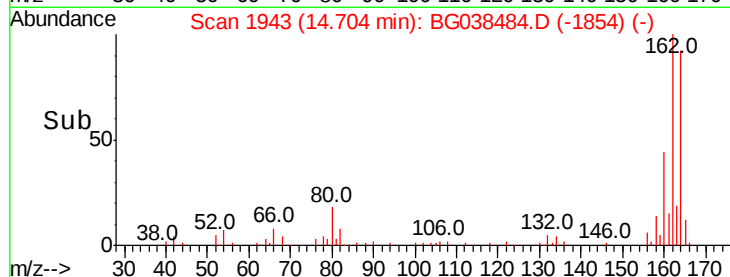
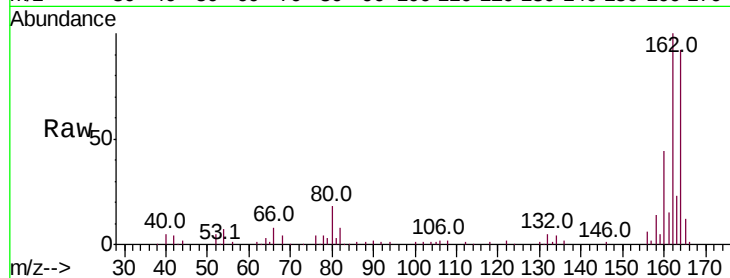
164 100

162 108.1 81.3 121.9

160 47.2 36.3 54.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 28.496 ng

RT: 12.89 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Tgt Ion:216 Resp: 68689

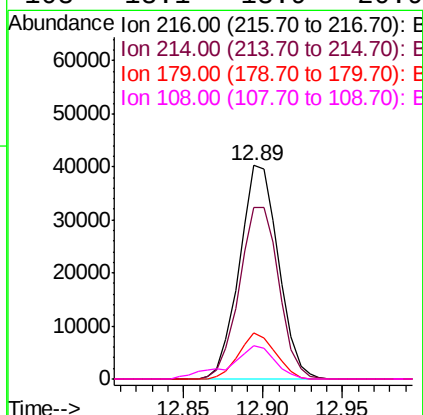
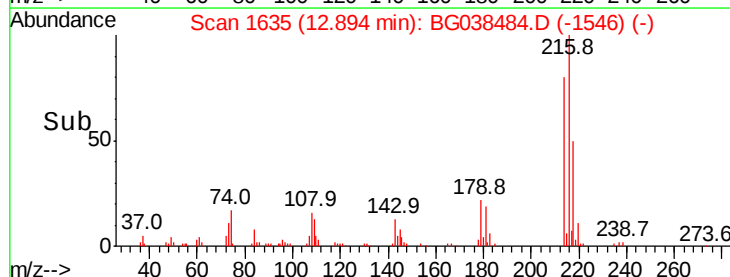
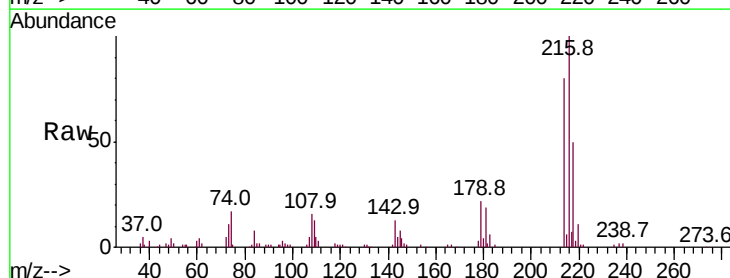
Ion Ratio Lower Upper

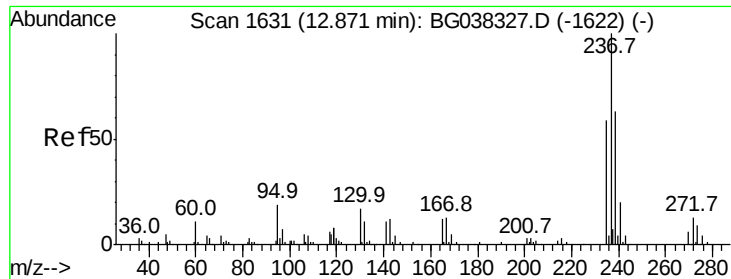
216 100

214 81.4 63.8 95.6

179 20.2 17.4 26.0

108 18.1 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 57.023 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

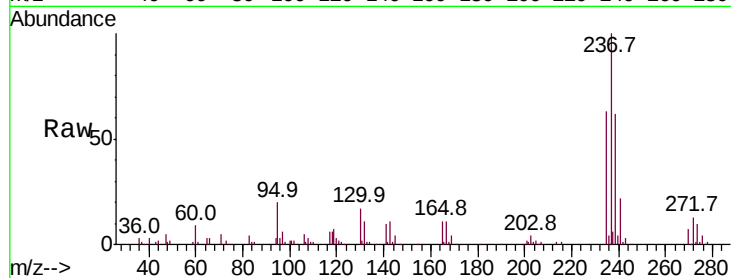
ClientSampleId :

PB115573BS

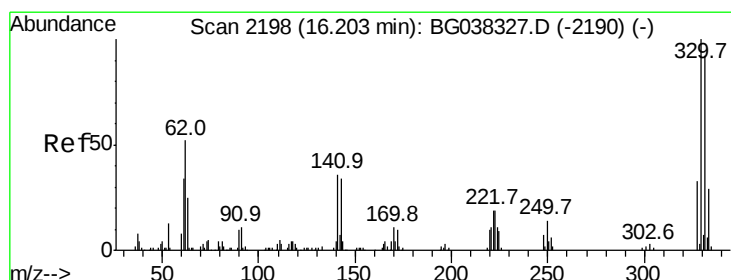
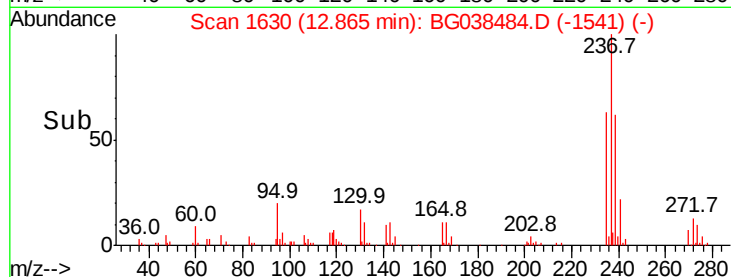
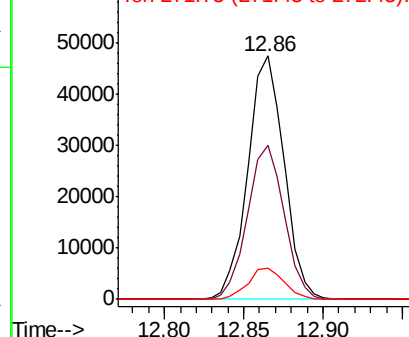
Tot Ion:	237	Resp:	75536
Ion Ratio	Lower	Upper	
237	100		
235	63.4	42.5	82.5
272	13.0	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 101.596 ng

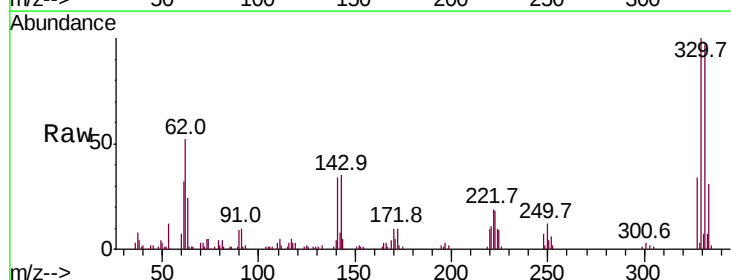
RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

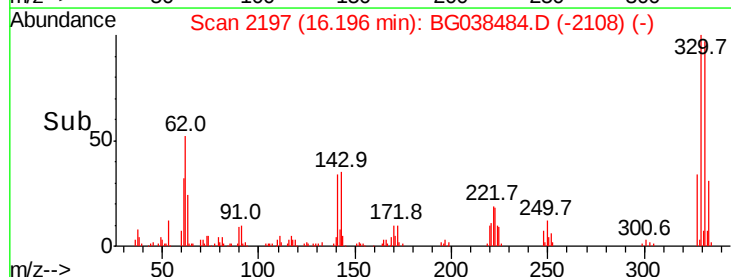
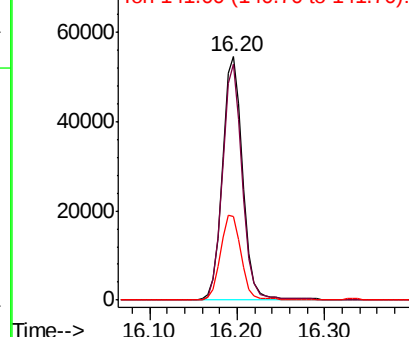
Lab File: BG038484.D

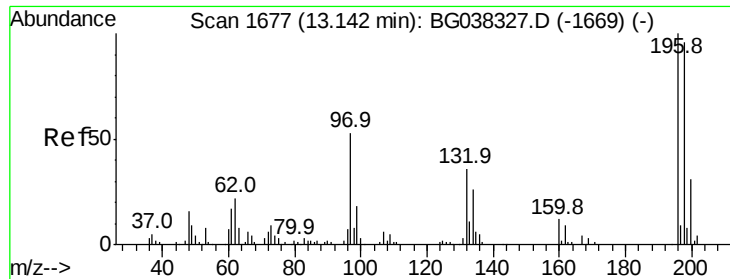
Acq: 12 Dec 2018 00:33

Tgt Ion:	330	Resp:	87370
Ion Ratio	Lower	Upper	
330	100		
332	94.7	78.4	117.6
141	36.0	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





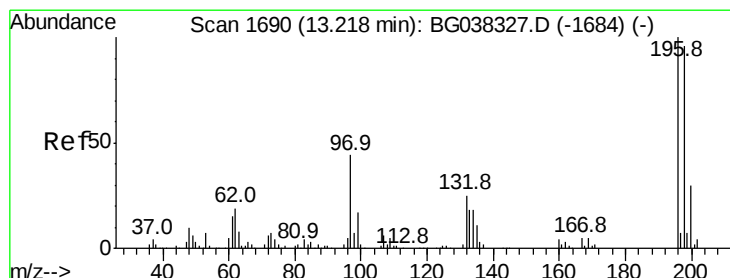
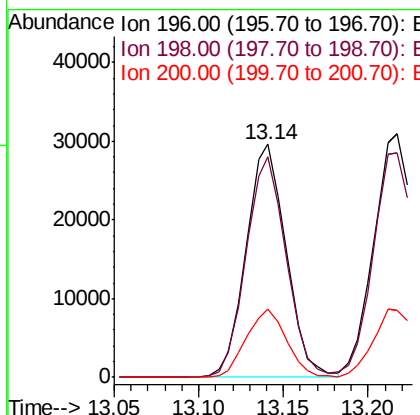
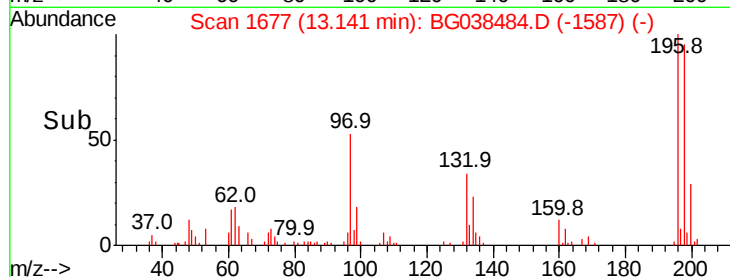
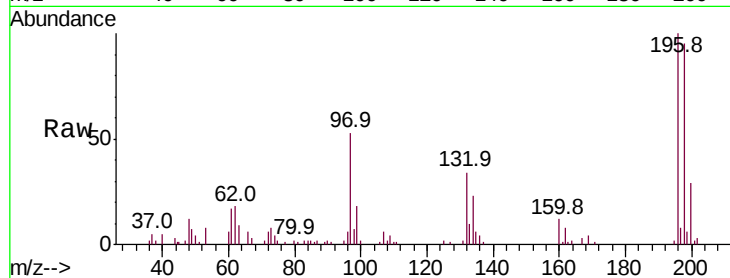
#43
 2,4,6-Trichlorophenol
 Concen: 31.318 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	48902		
198	94.5	76.4	114.6	
200	29.5	24.9	37.3	

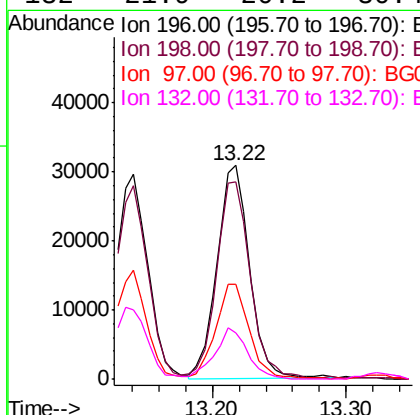
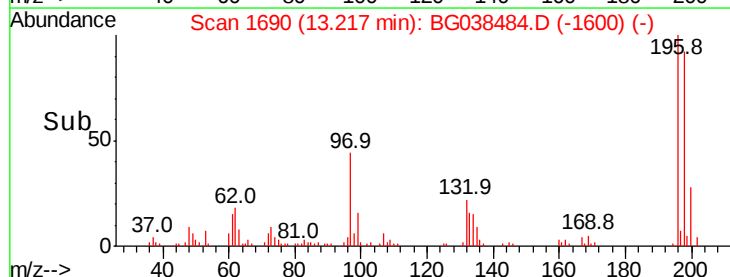
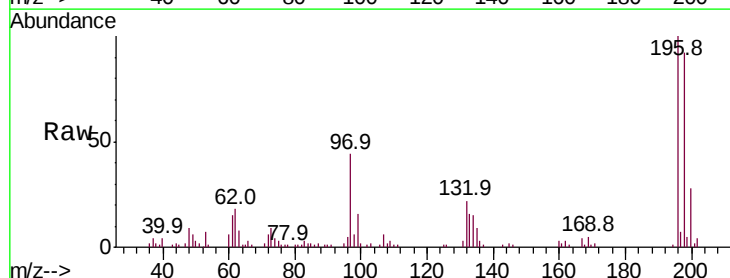
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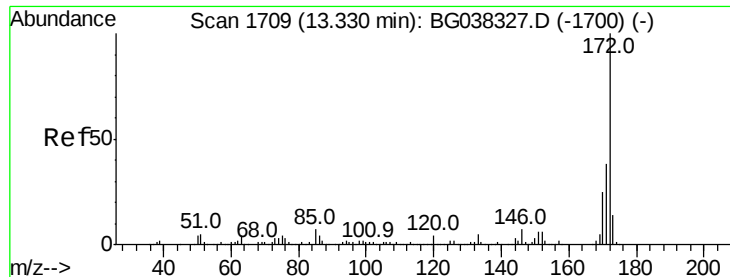
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 31.927 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	52813		
198	92.4	74.2	111.2	
97	44.4	34.1	51.1	
132	21.9	20.2	30.4	





#45

2-Fluorobiphenyl

Concen: 58.604 ng

RT: 13.32 min Scan# 1708

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

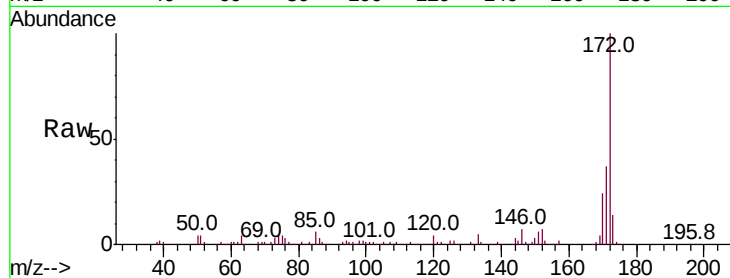
ClientSampleId :

PB115573BS

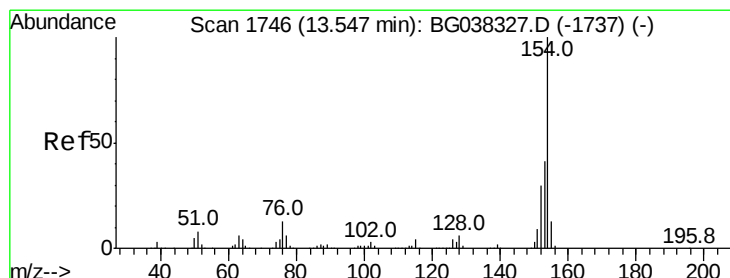
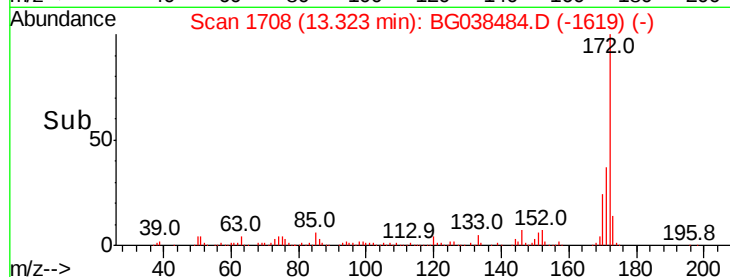
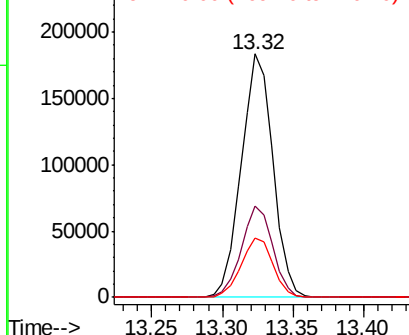
Tot Ion:	172	Resp:	288109
Ion Ratio	Lower	Upper	
172	100		
171	37.3	31.0	46.4
170	24.4	20.2	30.2

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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 25.603 ng

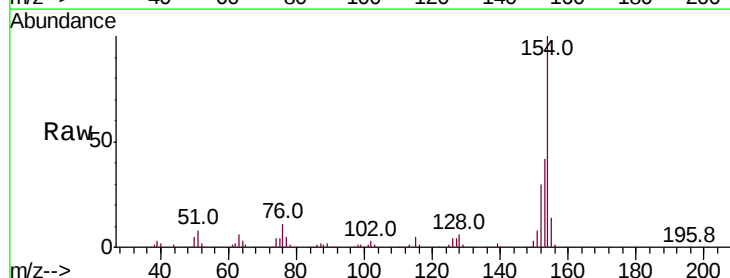
RT: 13.53 min Scan# 1744

Delta R.T. -0.01 min

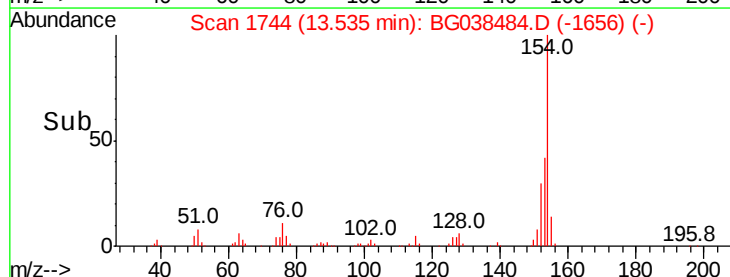
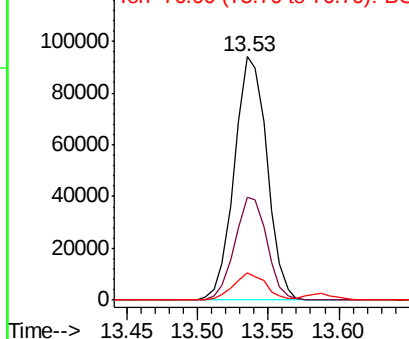
Lab File: BG038484.D

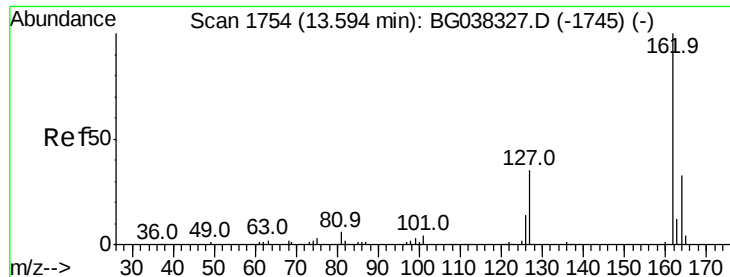
Acq: 12 Dec 2018 00:33

Tgt Ion:	154	Resp:	151606
Ion Ratio	Lower	Upper	
154	100		
153	42.1	22.1	62.1
76	11.1	0.0	33.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 27.314 ng

RT: 13.59 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

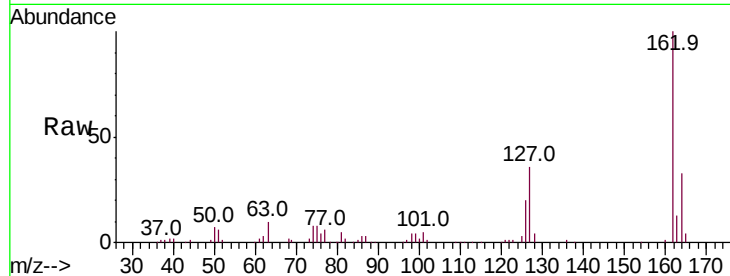
ClientSampleId :

PB115573BS

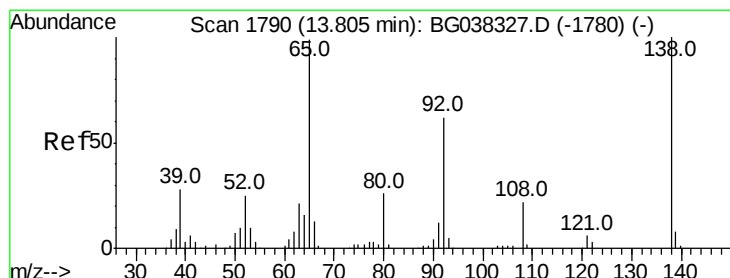
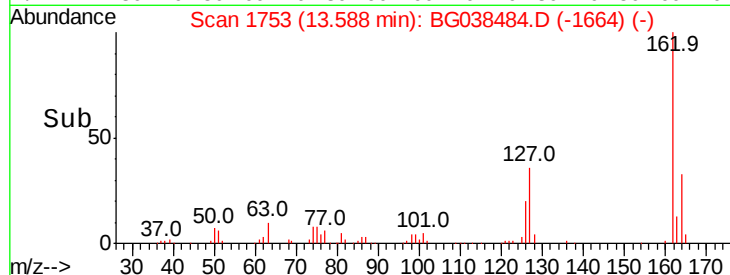
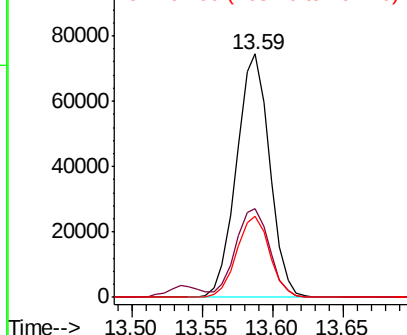
Tot Ion:	162	Resp:	122046
Ion Ratio	Lower	Upper	
162	100		
127	36.5	30.5	45.7
164	33.2	26.4	39.6

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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: 28.547 ng

RT: 13.80 min Scan# 1789

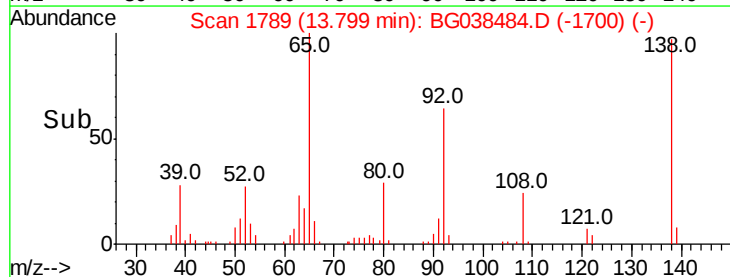
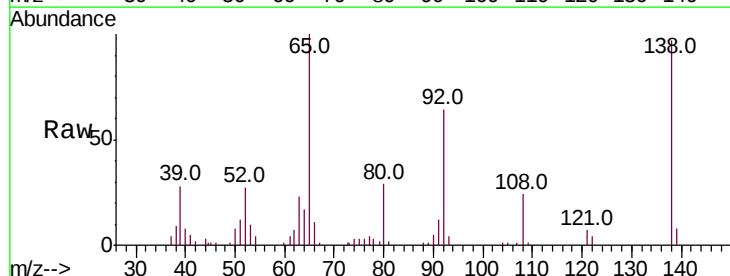
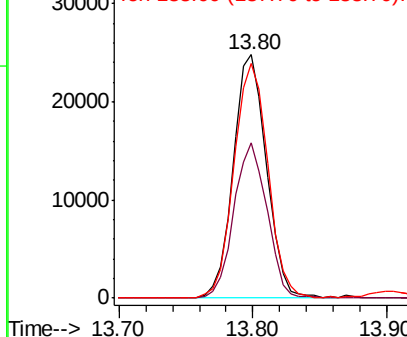
Delta R.T. -0.01 min

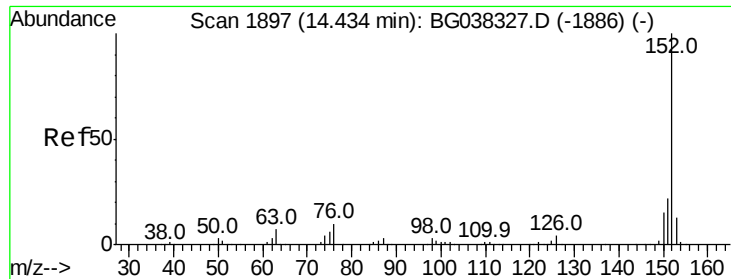
Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Tgt Ion:	65	Resp:	42794
Ion Ratio	Lower	Upper	
65	100		
92	63.6	53.2	79.8
138	96.6	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: 30.593 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

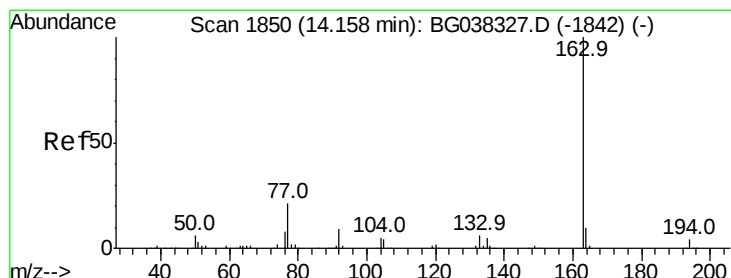
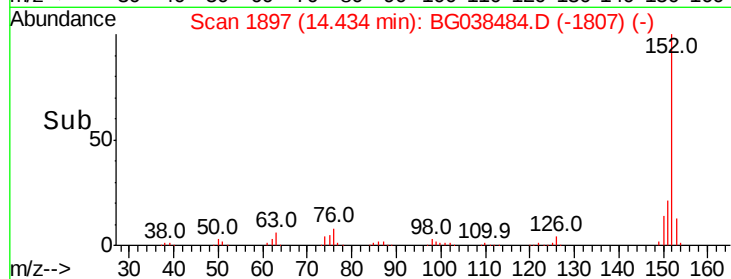
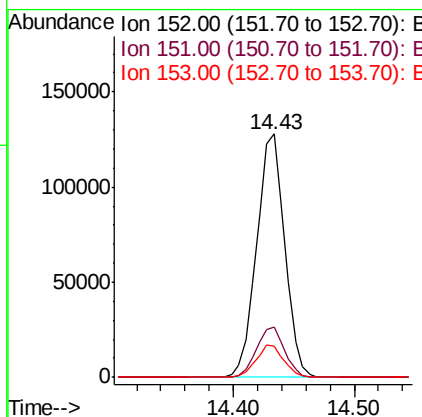
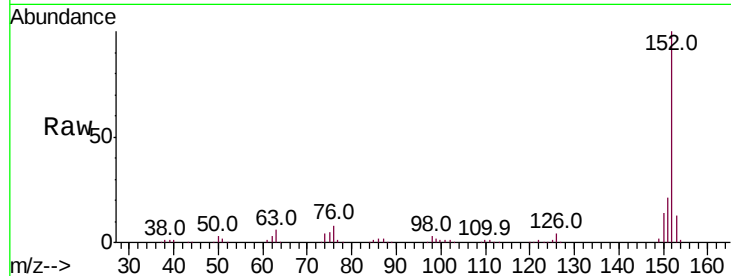
ClientSampleId :

PB115573BS

Tot Ion:	152	Resp:	205881
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.1	25.7
153	12.7	11.1	16.7

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#50

Dimethylphthalate

Concen: 28.575 ng

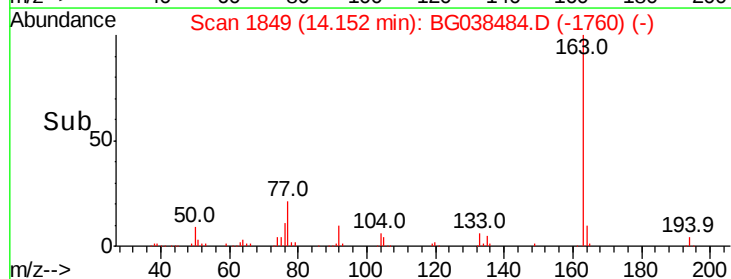
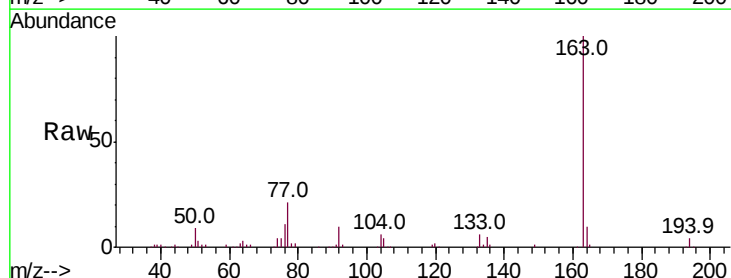
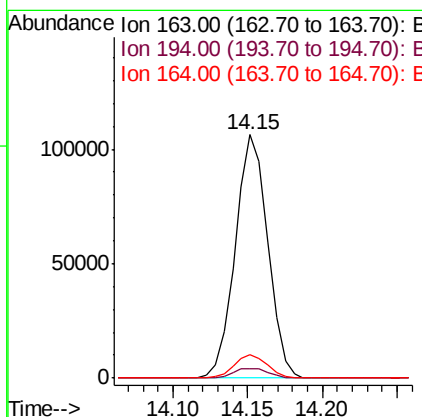
RT: 14.15 min Scan# 1849

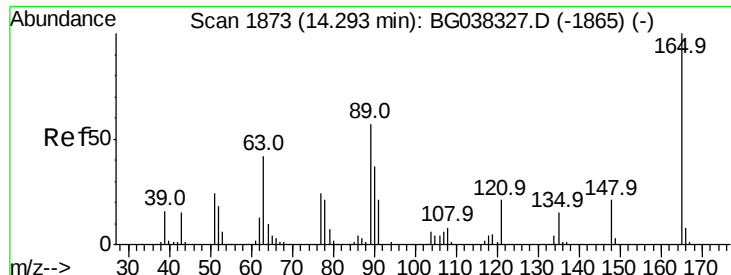
Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Tgt Ion:	163	Resp:	160555
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.5	5.3
164	9.7	8.5	12.7





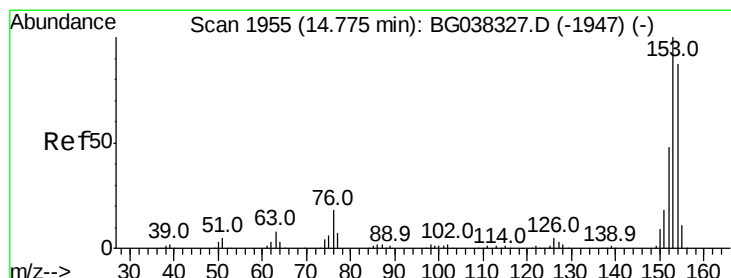
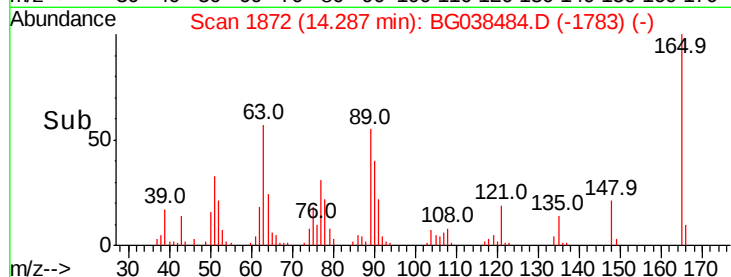
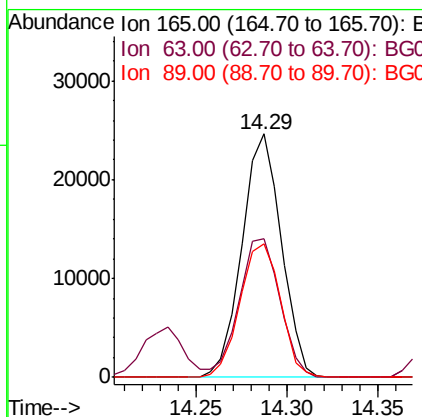
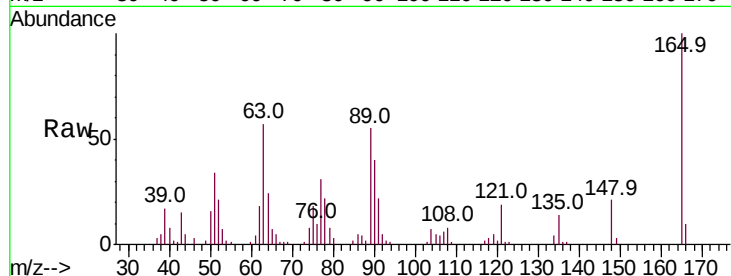
#51
 2,6-Dinitrotoluene
 Concen: 29.021 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.2	43.4	65.2
89	54.7	45.8	68.6

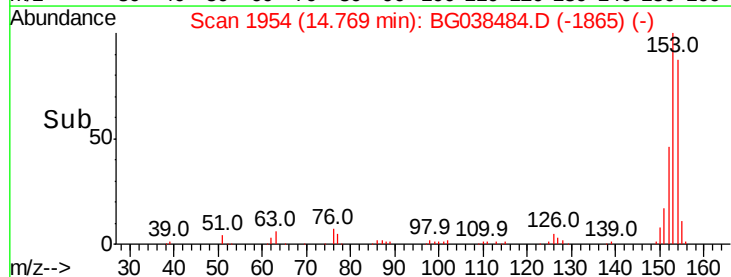
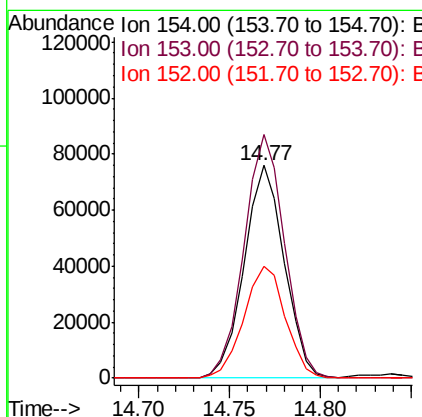
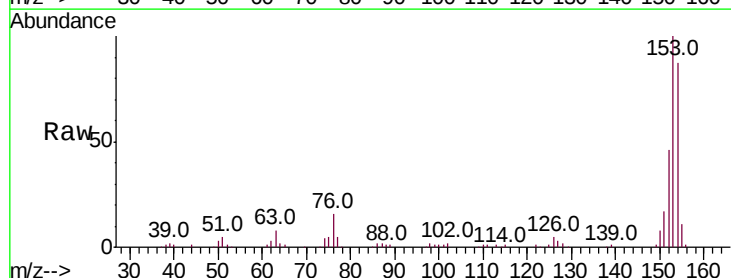
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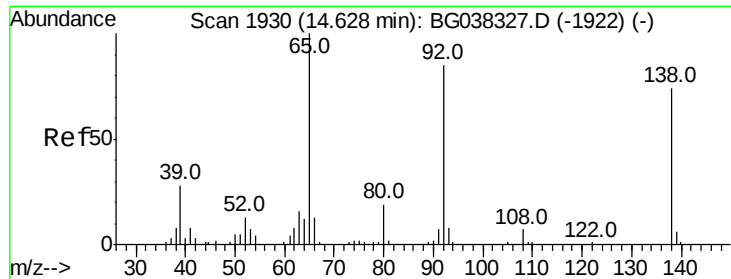
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#52
 Acenaphthene
 Concen: 28.407 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.5	93.4	140.0
152	52.5	44.7	67.1





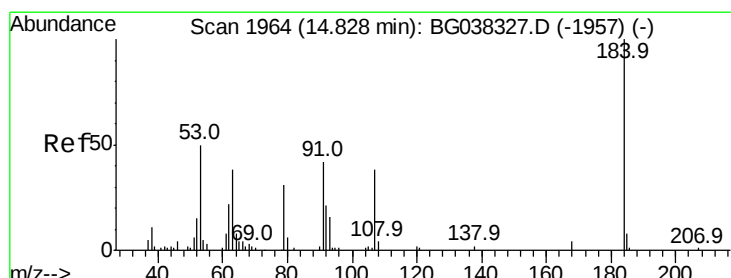
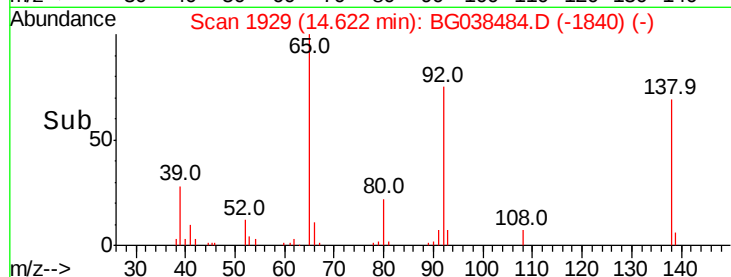
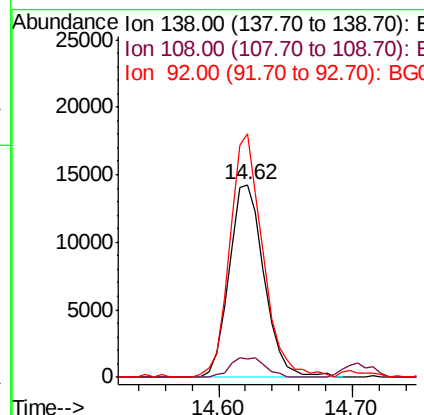
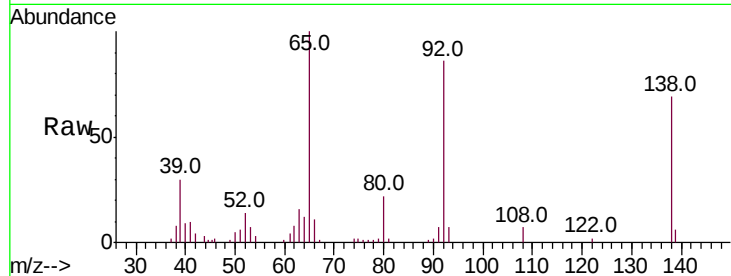
#53
3-Nitroaniline
Concen: 18.866 ng
RT: 14.62 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
PB115573BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	11.0	16.6#
92	126.2	95.2	142.8

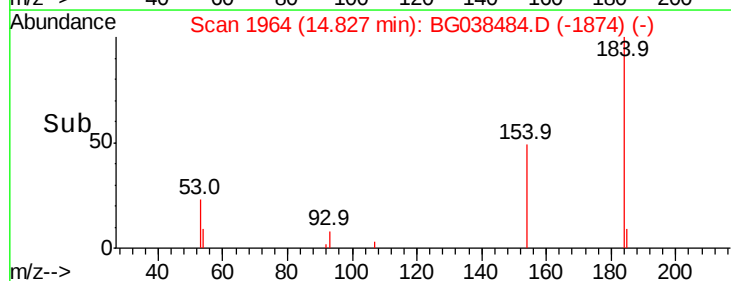
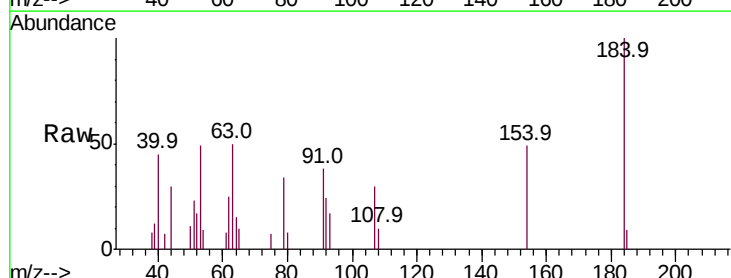
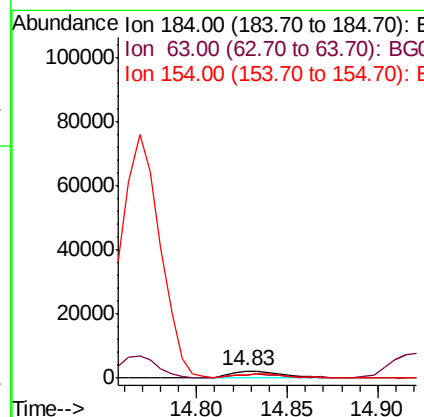
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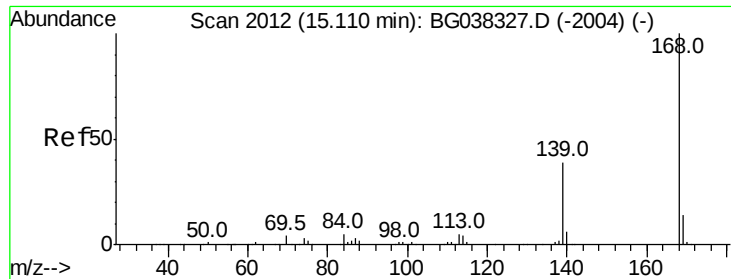
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#54
2,4-Dinitrophenol
Concen: 6.045 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.7	42.6	63.8
154	49.2	41.8	62.6





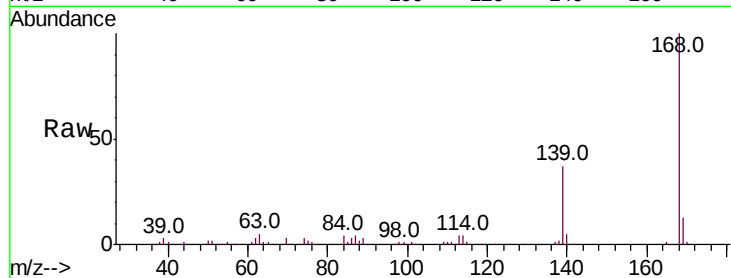
#55
Dibenzenofuran
Concen: 29.175 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
PB115573BS

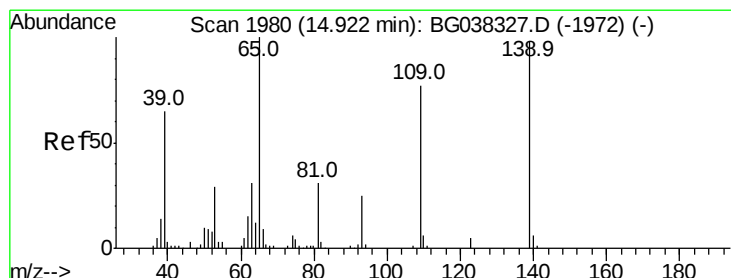
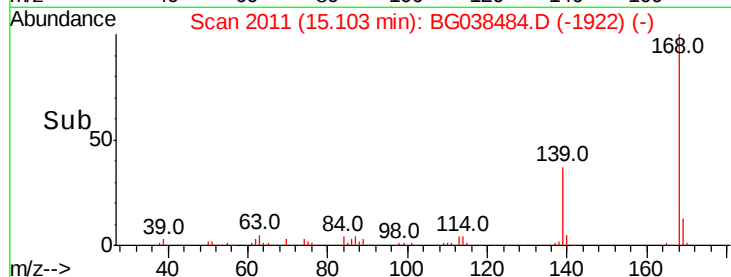
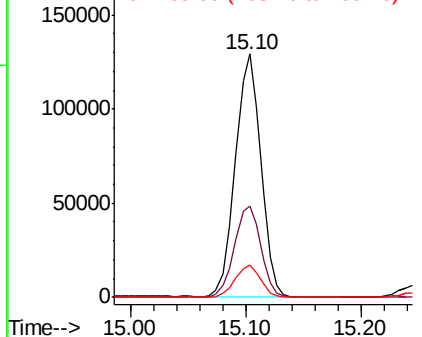
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.4	44.0
169	13.3	11.0	16.6

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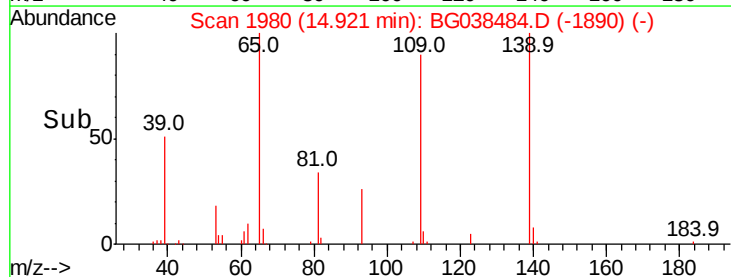
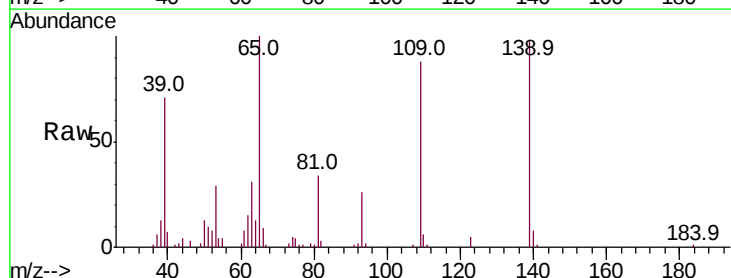
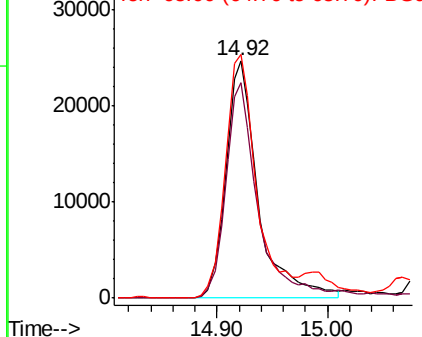
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

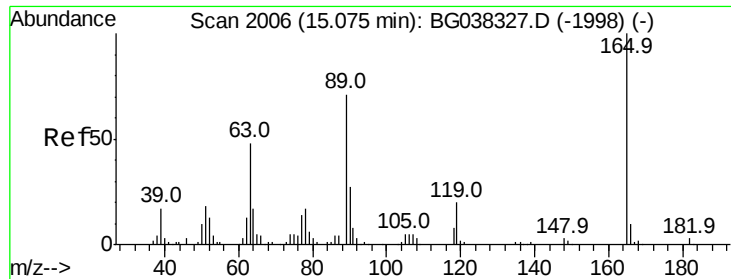


#56
4-Nitrophenol
Concen: 46.184 ng
RT: 14.92 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	90.6	49.5	89.5#
65	102.5	76.8	116.8

Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BG





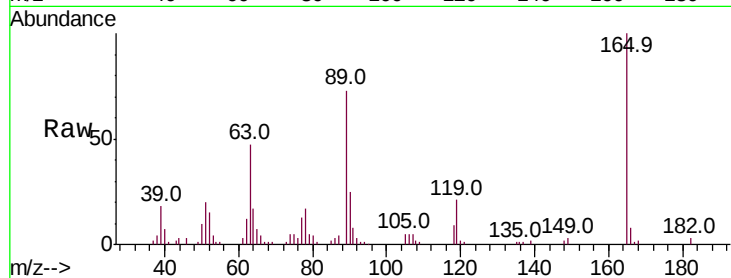
#57
2,4-Dinitrotoluene
Concen: 29.635 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
PB115573BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.2	33.4	50.0
89	73.4	57.2	85.8
182	3.2	2.6	4.0

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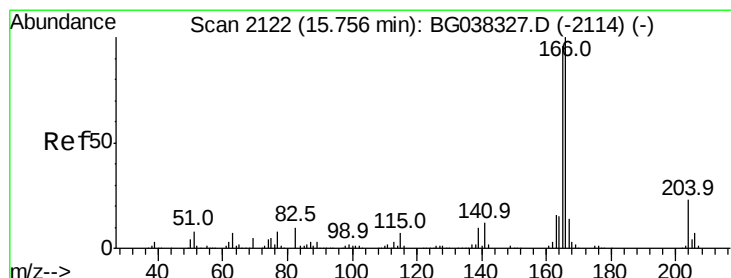
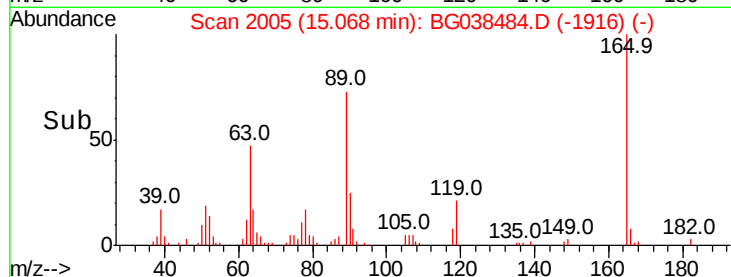
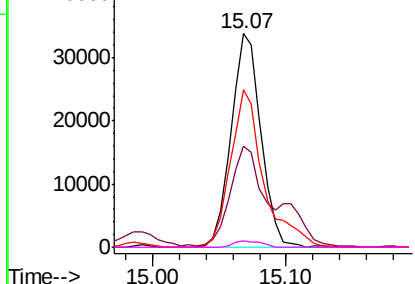
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

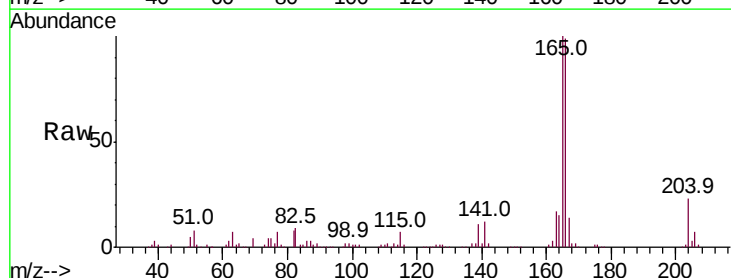
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 31.406 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.3	79.0	118.6
167	13.8	11.3	16.9

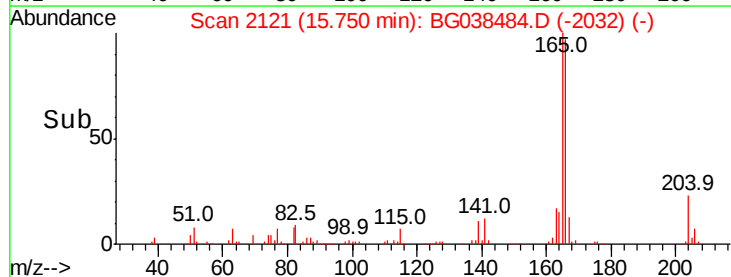
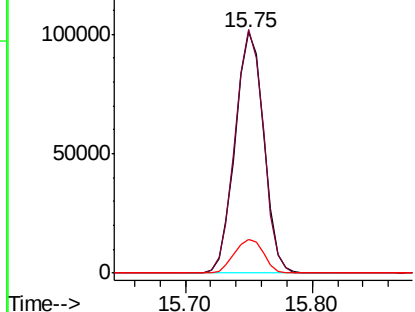


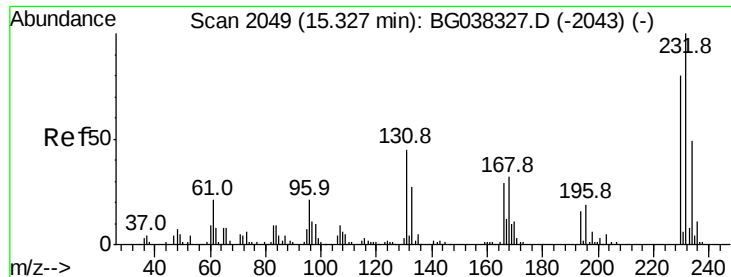
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





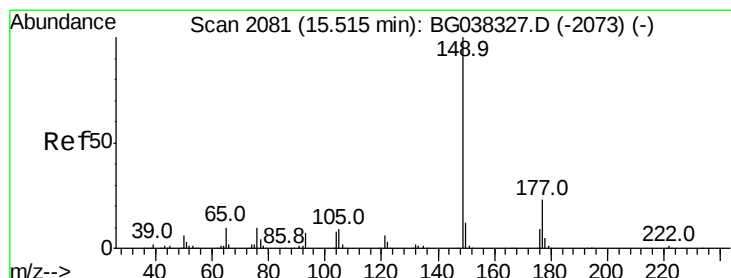
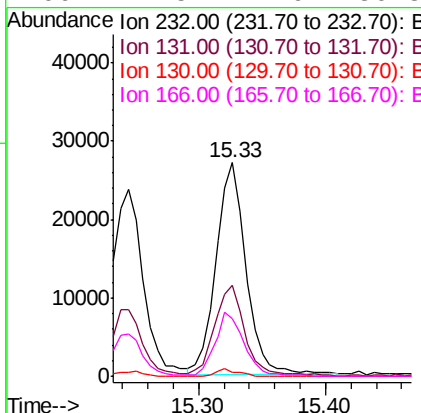
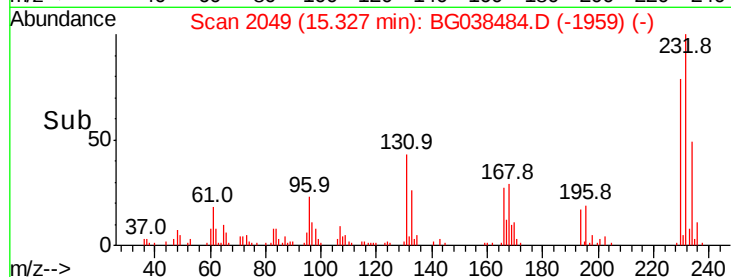
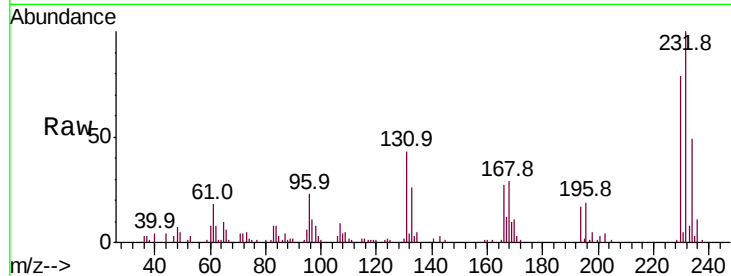
#59
2,3,4,6-Tetrachlorophenol
Concen: 31.009 ng
RT: 15.33 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
PB115573BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.7	33.7	50.5
130	2.3	2.1	3.1
166	27.5	24.6	36.8

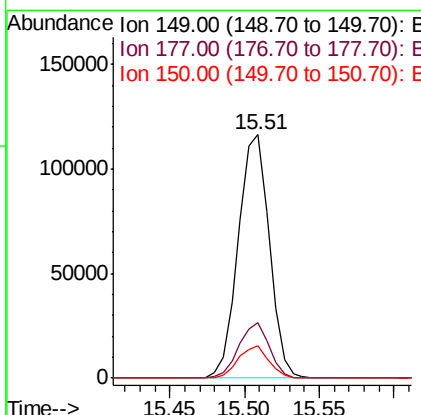
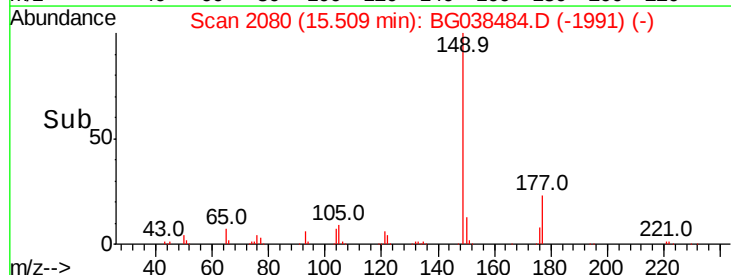
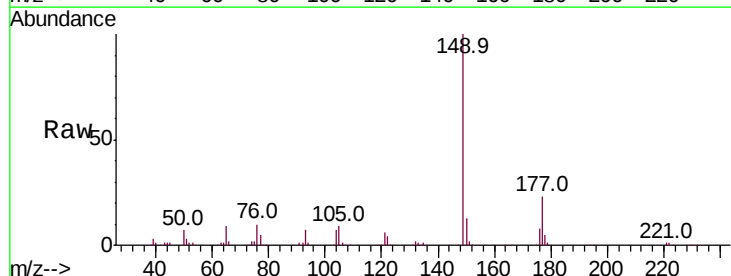
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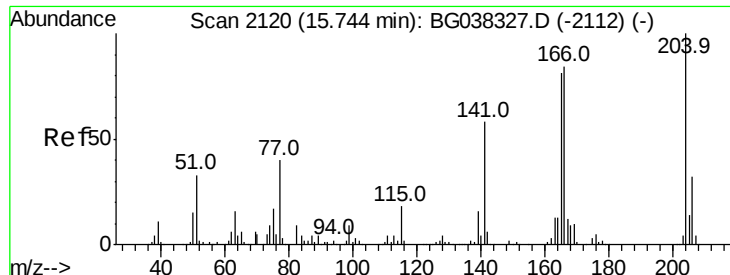
Sohil
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#60
Diethylphthalate
Concen: 27.008 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.3	27.5
150	13.2	10.0	15.0





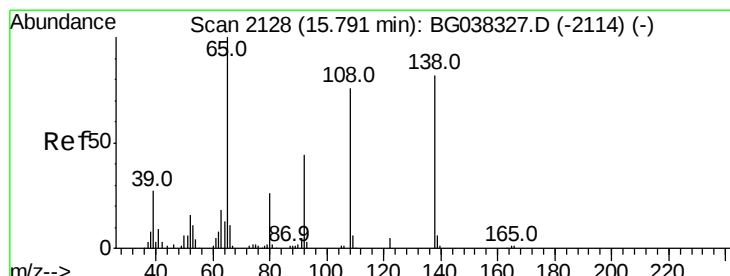
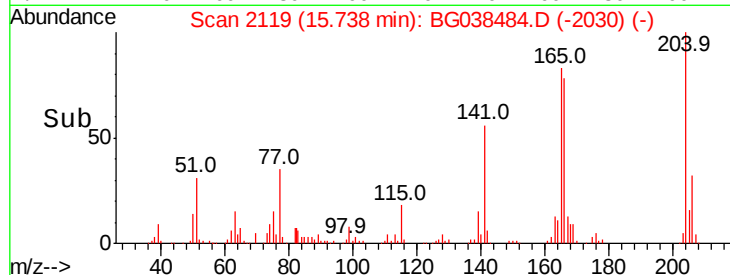
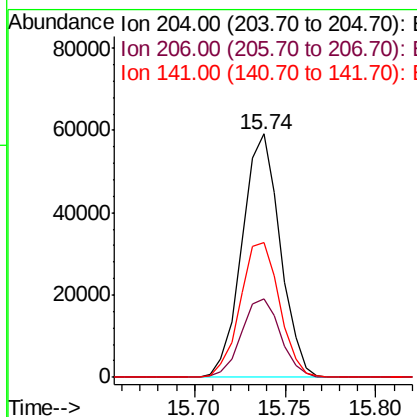
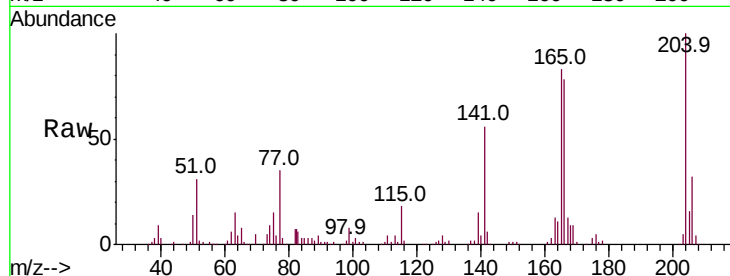
#61
 4-Chlorophenyl-phenylether
 Concen: 28.727 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

Tot Ion:	204	Resp:	86219
Ion Ratio	Lower	Upper	
204	100		
206	32.0	26.6	39.8
141	55.5	45.4	68.2

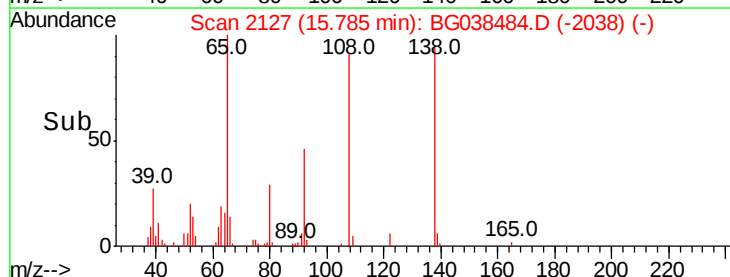
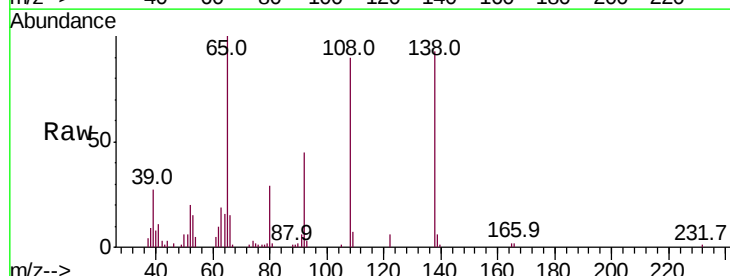
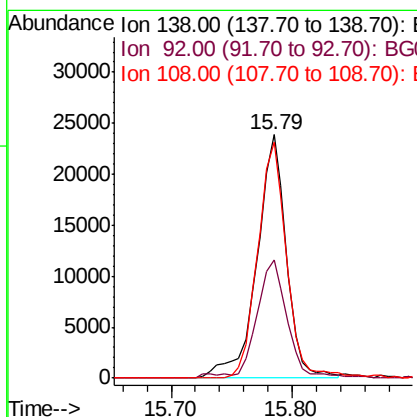
Manual Integrations
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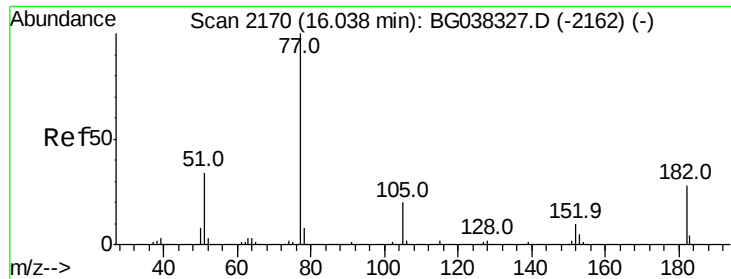
Sohil
 12/12/2018 5:38:45 PM



#62
 4-Nitroaniline
 Concen: 29.717 ng
 RT: 15.79 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Tgt Ion:	138	Resp:	40403
Ion Ratio	Lower	Upper	
138	100		
92	48.7	36.4	76.4
108	97.0	60.1	100.1





#63

Azobenzene

Concen: 27.705 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB115573BS

Tot Ion: 77 Resp: 150933

Ion Ratio Lower Upper

77 100

182 30.5 8.0 48.0

105 18.7 1.3 41.3

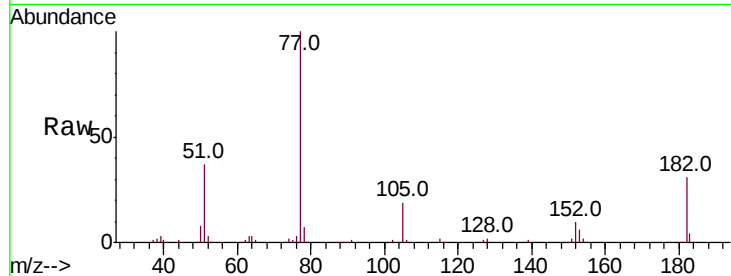
51 37.3 10.7 50.7

Manual Integrations

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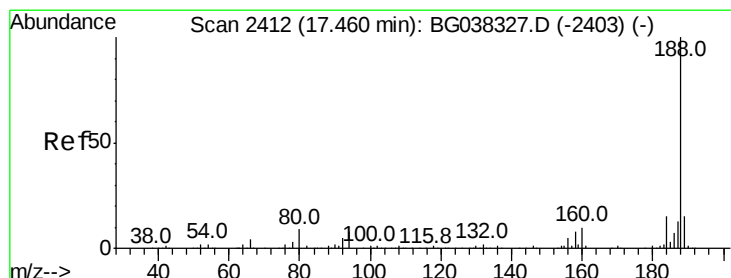
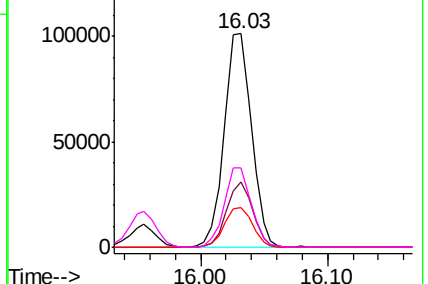
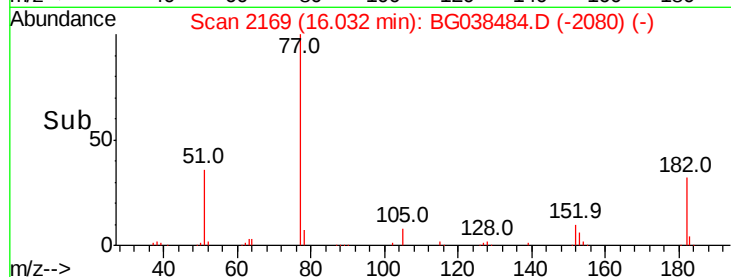
Abundance

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: 17.45 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

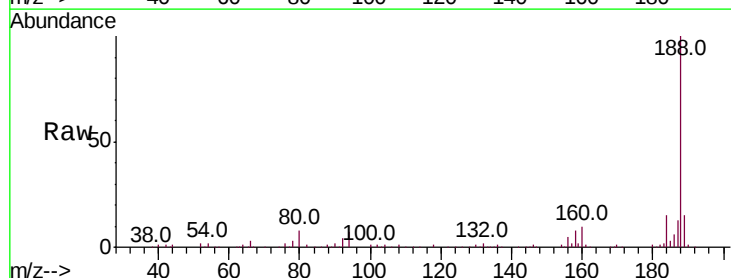
Tgt Ion: 188 Resp: 176420

Ion Ratio Lower Upper

188 100

94 7.1 7.2 10.8#

80 7.5 7.7 11.5#

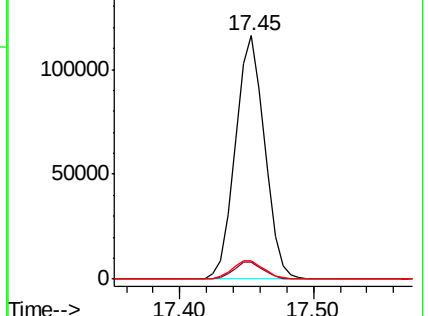
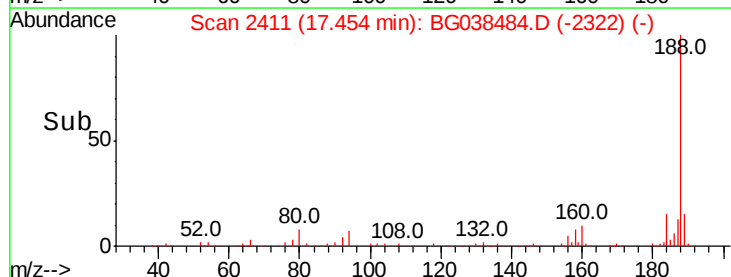


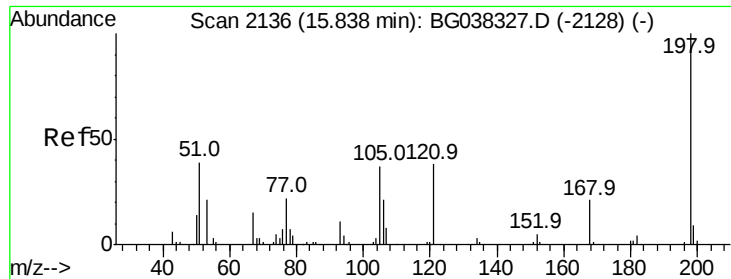
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 7.660 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

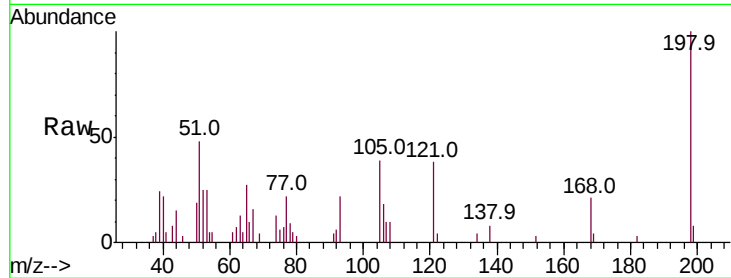
ClientSampleId :

PB115573BS

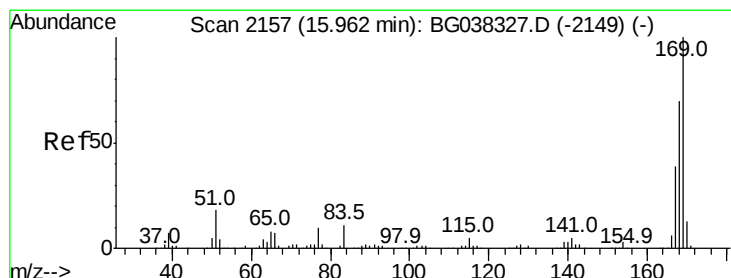
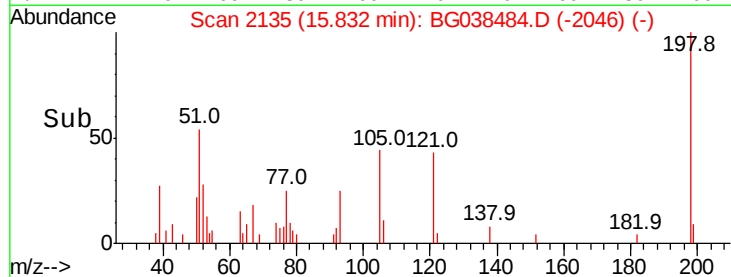
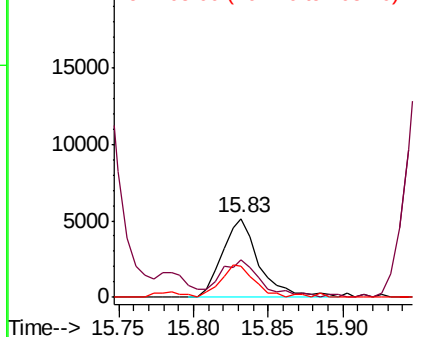
Tot Ion:	198	Resp:	8854
Ion Ratio	Lower	Upper	
198	100		
51	48.4	22.7	62.7
105	39.5	19.7	59.7

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 29.209 ng

RT: 15.96 min Scan# 2156

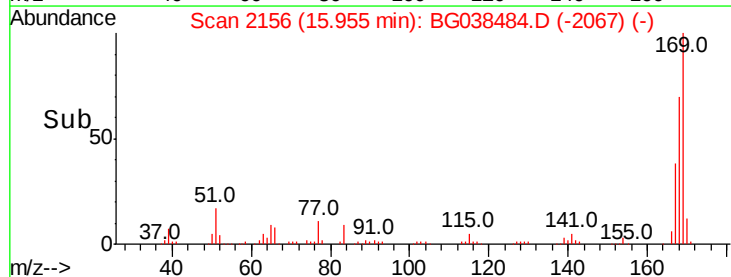
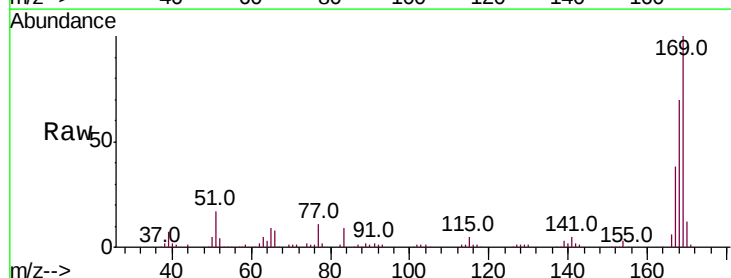
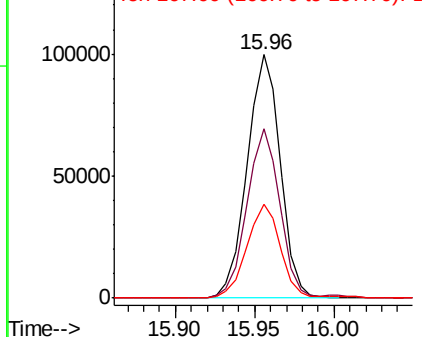
Delta R.T. -0.01 min

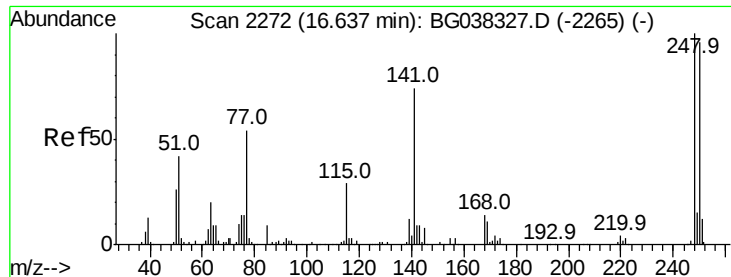
Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Tgt Ion:	169	Resp:	144906
Ion Ratio	Lower	Upper	
169	100		
168	69.6	55.7	83.5
167	38.3	31.3	46.9

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





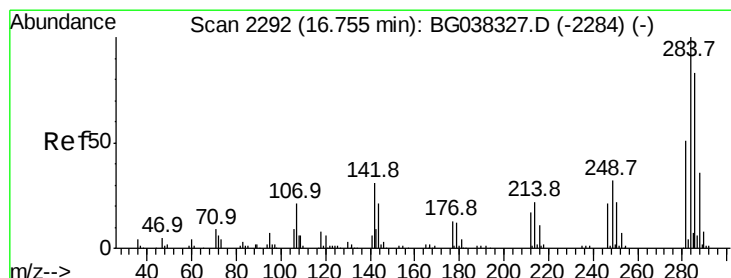
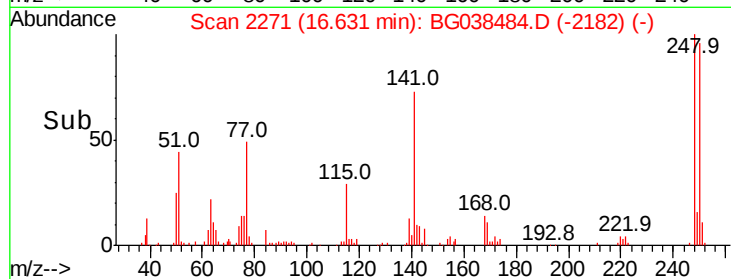
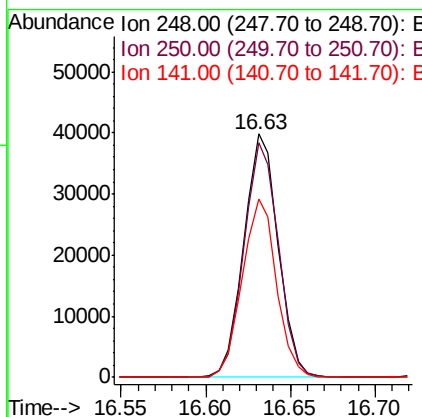
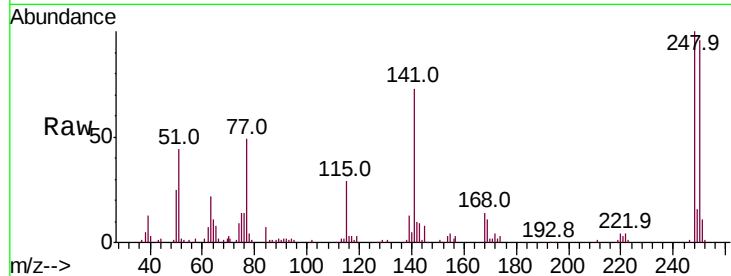
#67
 4-Bromophenyl-phenylether
 Concen: 29.637 ng
 RT: 16.63 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

Tot Ion:	248	Resp:	56463
Ion Ratio	Lower	Upper	
248	100		
250	96.4	77.0	115.6
141	73.3	55.5	83.3

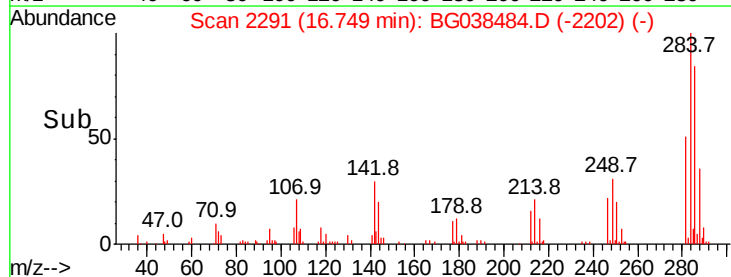
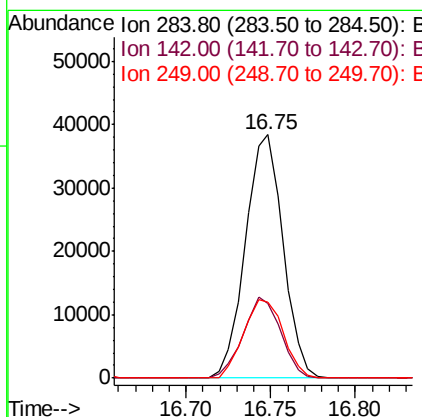
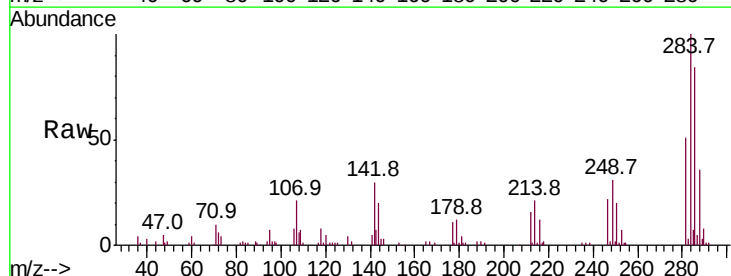
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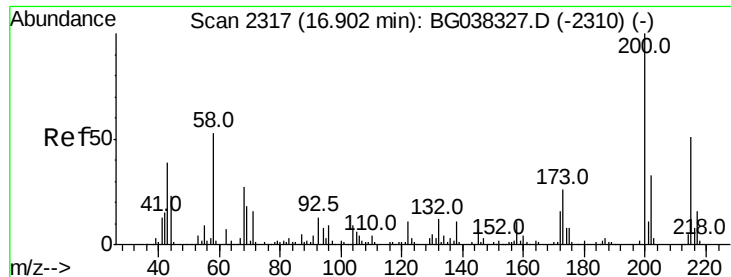
Sohil
 12/12/2018 5:38:45 PM



#68
 Hexachlorobenzene
 Concen: 30.315 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Tgt Ion:	284	Resp:	59571
Ion Ratio	Lower	Upper	
284	100		
142	30.4	28.1	42.1
249	33.3	29.8	44.8





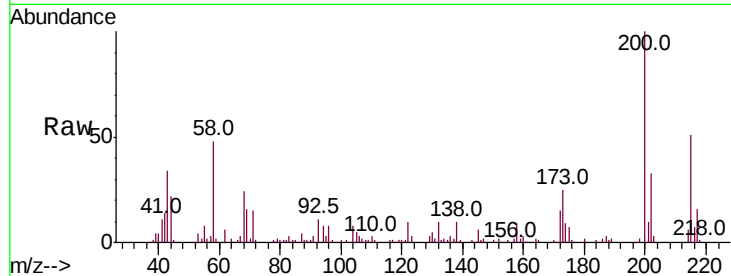
#69
Atrazine
Concen: 31.761 ng
RT: 16.90 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
PB115573BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.5	6.1	46.1
215	51.5	30.8	70.8

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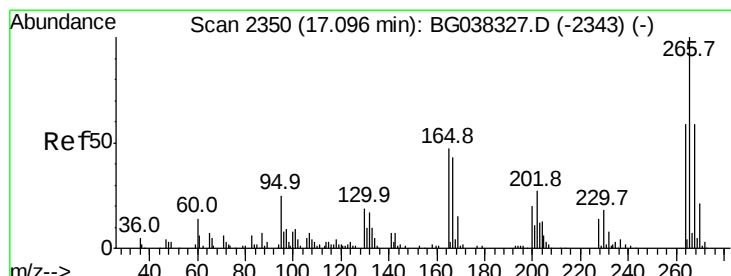
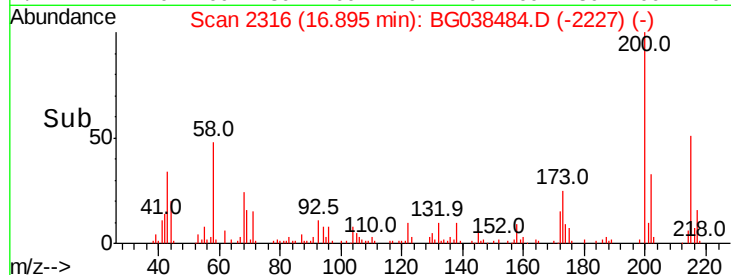
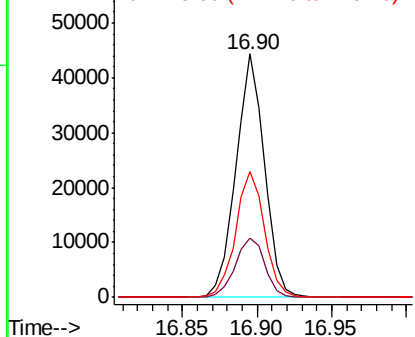


Abundance

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: 21.801 ng
RT: 17.10 min Scan# 2350
Delta R.T. -0.00 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

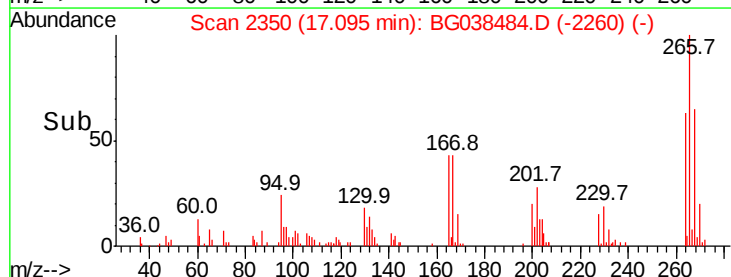
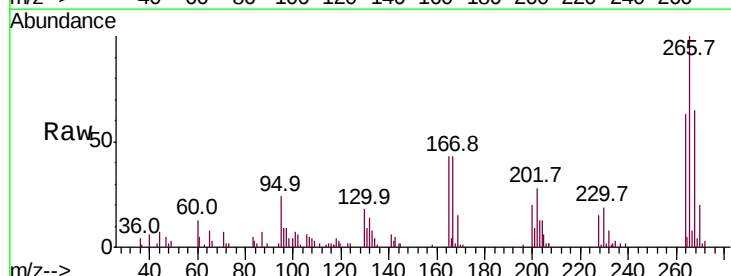
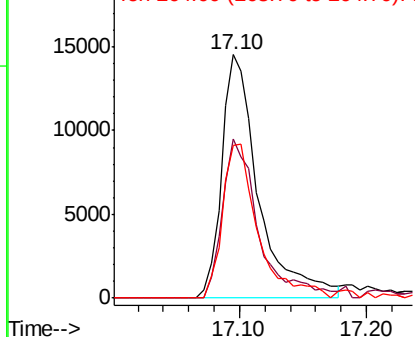
Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	69.1	55.0	82.6
264	67.2	58.9	88.3

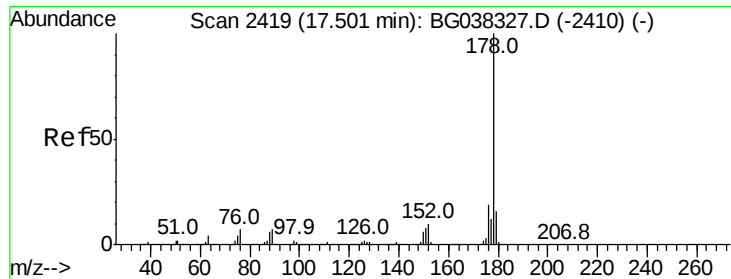
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





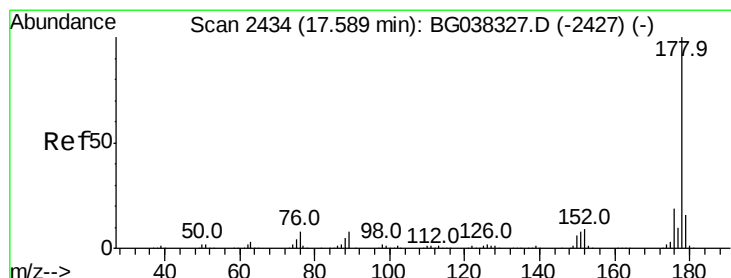
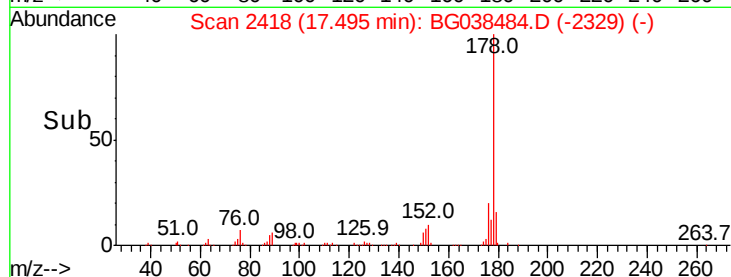
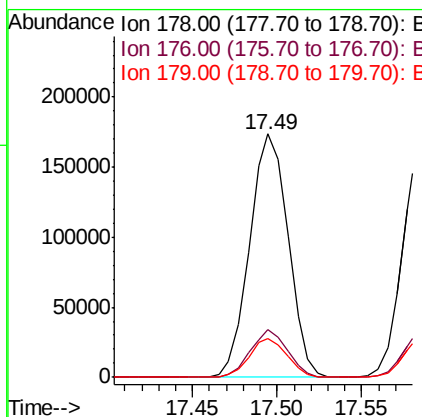
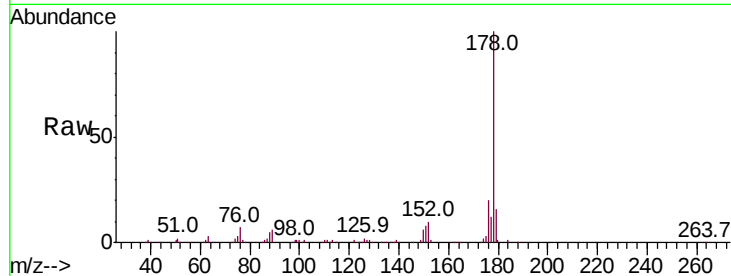
#71
Phenanthrene
Concen: 31.241 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
PB115573BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.1	24.1
179	16.1	13.0	19.4

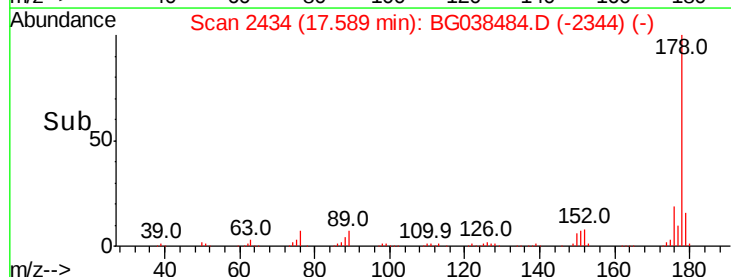
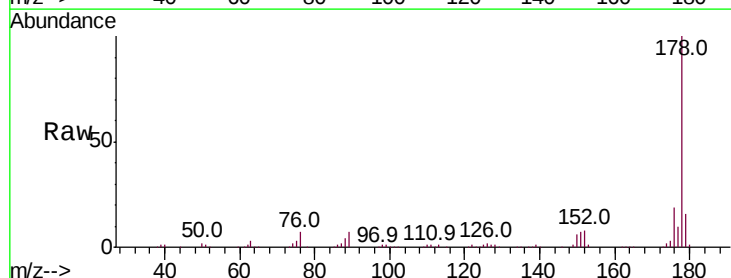
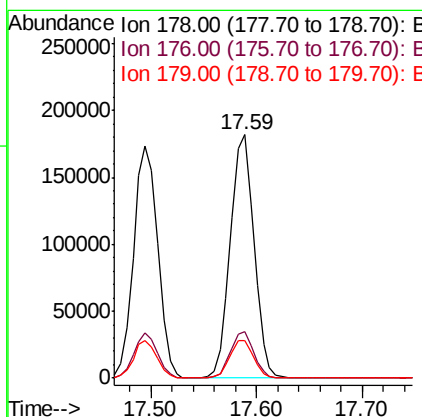
Manual Integrations
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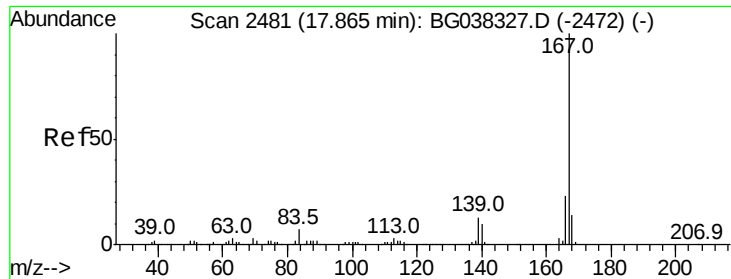
Sohil
12/12/2018 5:38:45 PM



#72
Anthracene
Concen: 32.929 ng
RT: 17.59 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.6	12.8	19.2





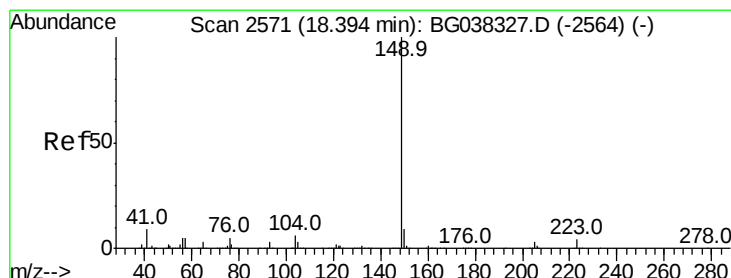
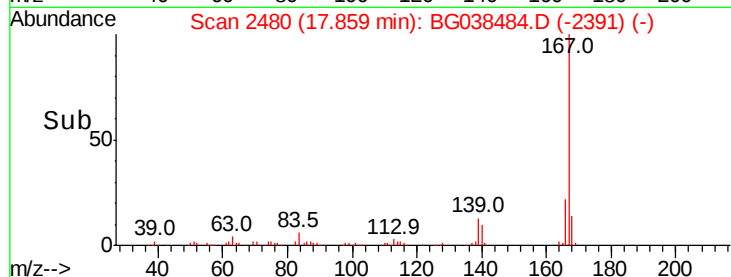
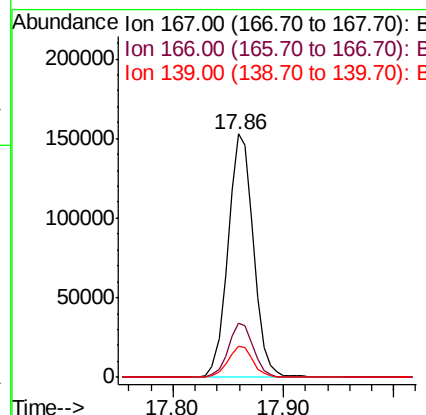
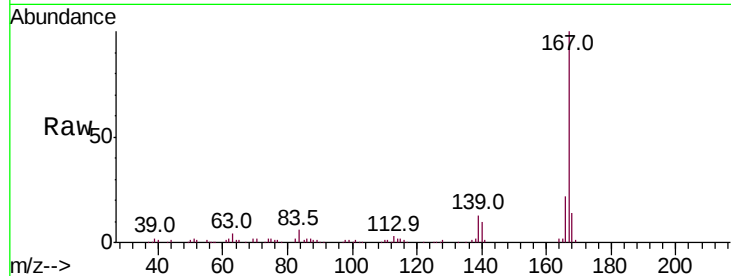
#73
 Carbazole
 Concen: 29.028 ng
 RT: 17.86 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

Tot Ion:	167	Resp:	246497
Ion Ratio		Lower	Upper
167	100		
166	22.1	18.3	27.5
139	12.8	10.5	15.7

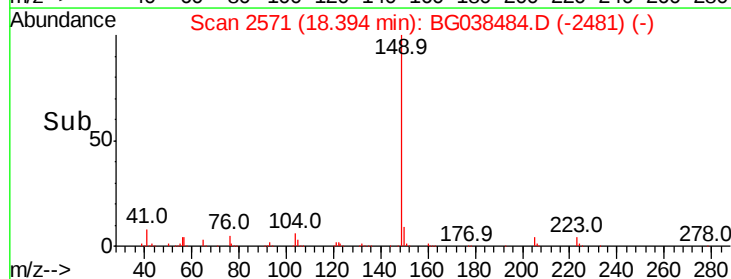
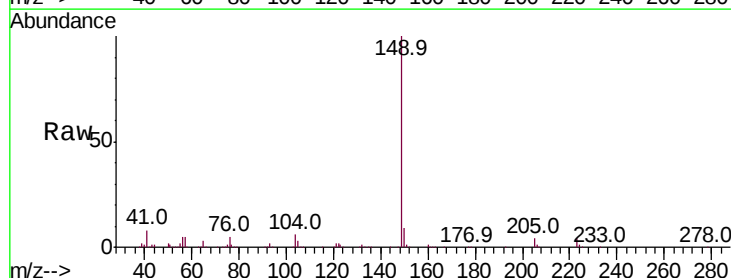
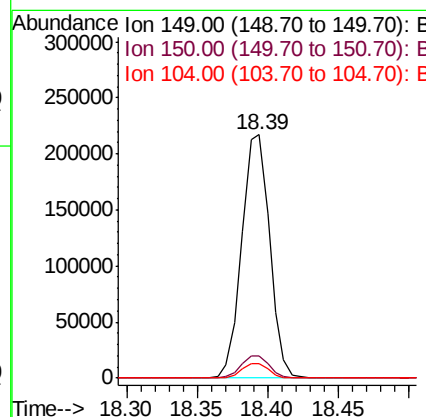
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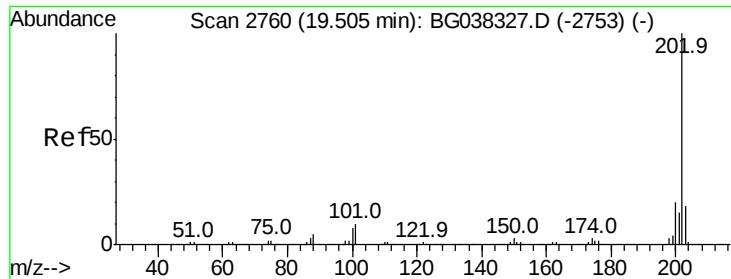
Sohil
 12/12/2018 5:38:45 PM



#74
 Di-n-butylphthalate
 Concen: 30.196 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Tgt Ion:	149	Resp:	299558
Ion Ratio		Lower	Upper
149	100		
150	9.3	8.2	12.2
104	5.9	4.0	6.0





#75

Fluoranthene

Concen: 32.133 ng

RT: 19.50 min Scan# 2760

Delta R.T. -0.00 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

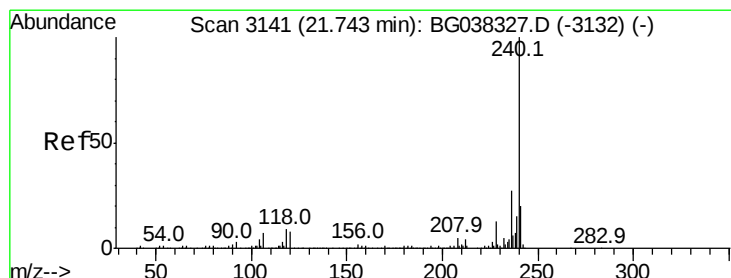
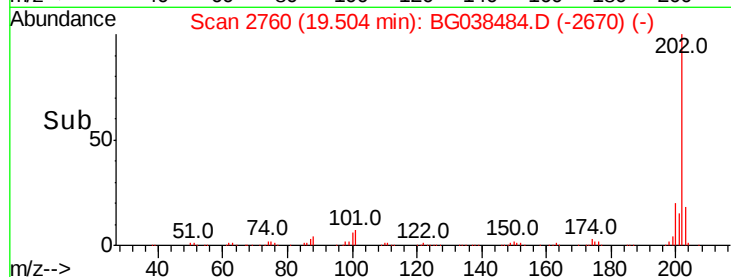
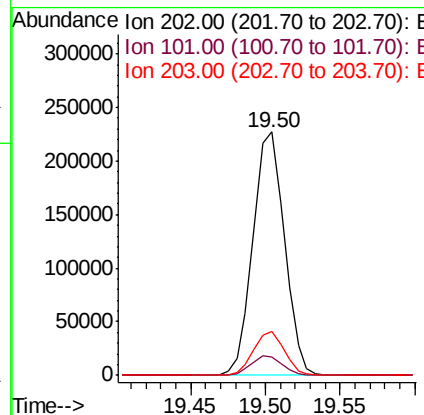
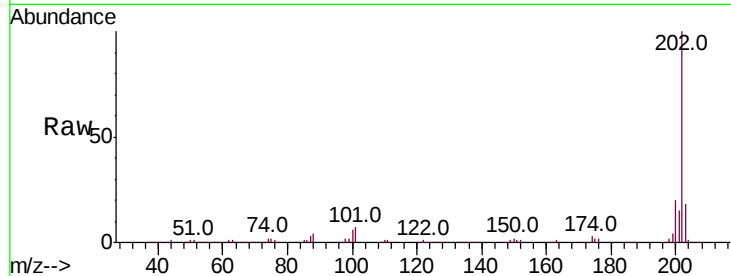
ClientSampleId :

PB115573BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	331685		
101	7.4	0.0	30.7	
203	18.3	0.0	38.5	

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#76

Chrysene-d12

Concen: 20.000 ng

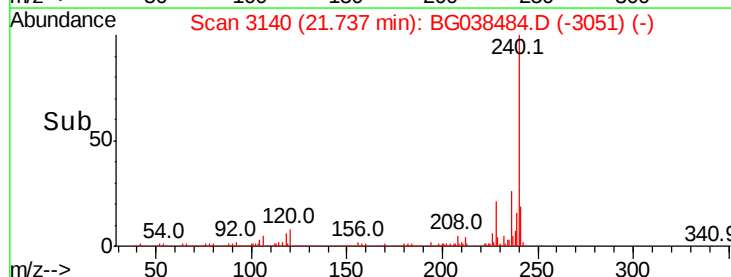
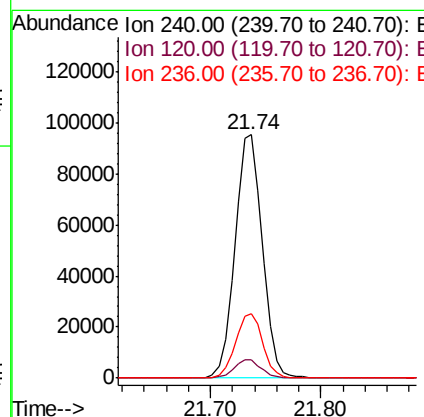
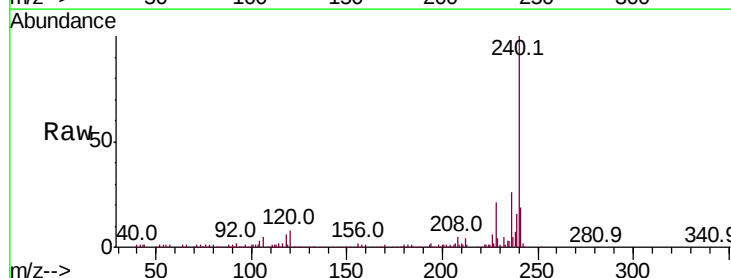
RT: 21.74 min Scan# 3140

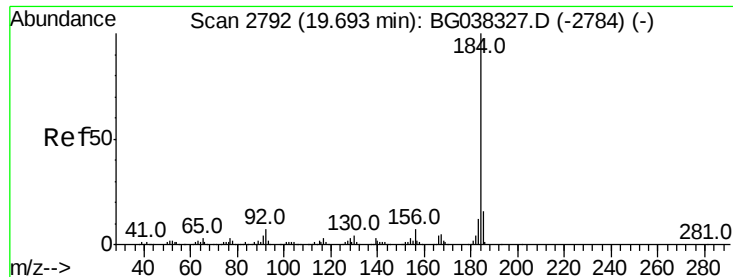
Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	165317		
120	7.5	8.1	12.1#	
236	26.4	21.4	32.0	





#77

Benzidine

Concen: 25.881 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

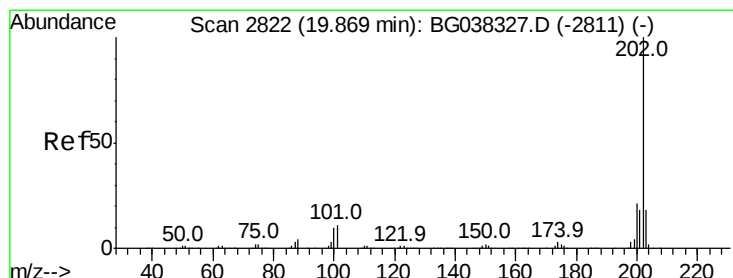
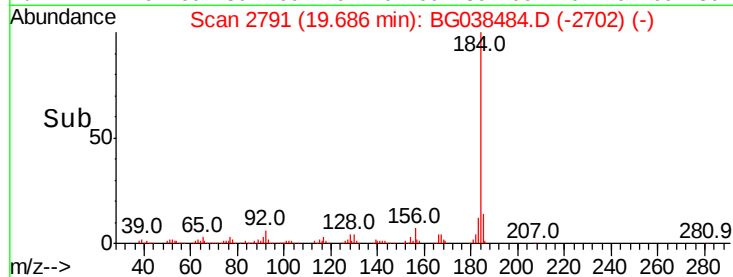
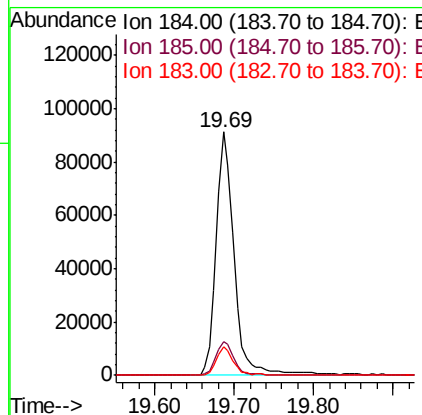
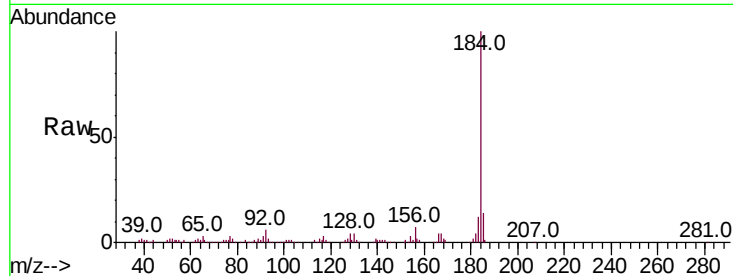
ClientSampleId :

PB115573BS

Tot Ion:	184	Resp:	144380
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.6	18.8
183	11.8	10.2	15.2

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#78

Pyrene

Concen: 28.648 ng

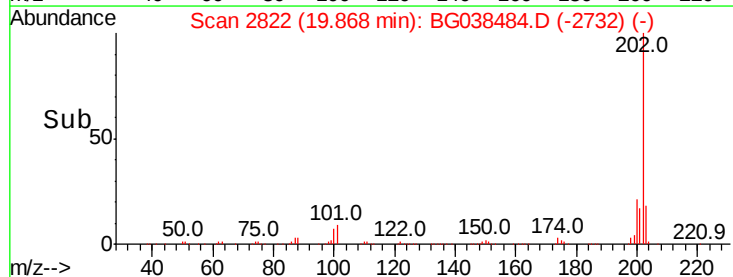
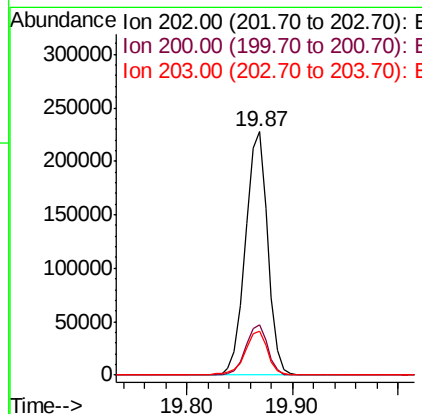
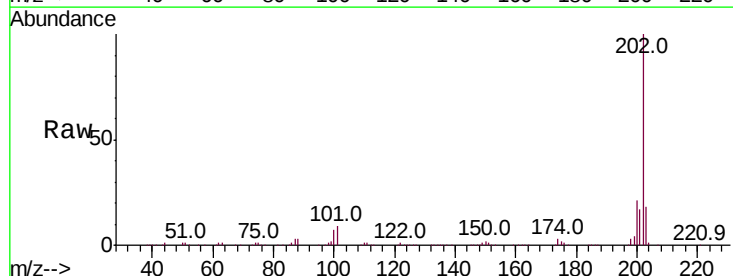
RT: 19.87 min Scan# 2822

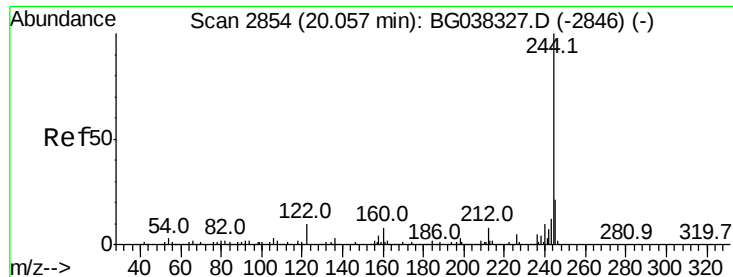
Delta R.T. -0.00 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Tgt Ion:	202	Resp:	331363
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.8	26.6
203	18.1	15.2	22.8





#79

Terphenyl-d14

Concen: 65.120 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

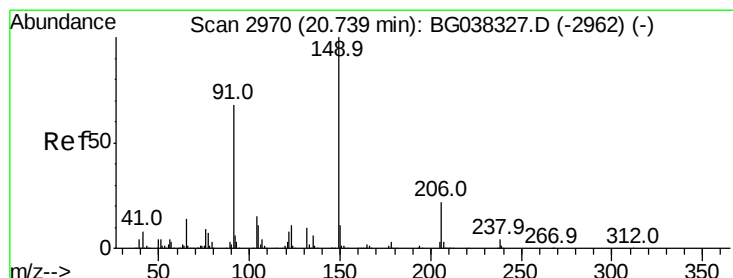
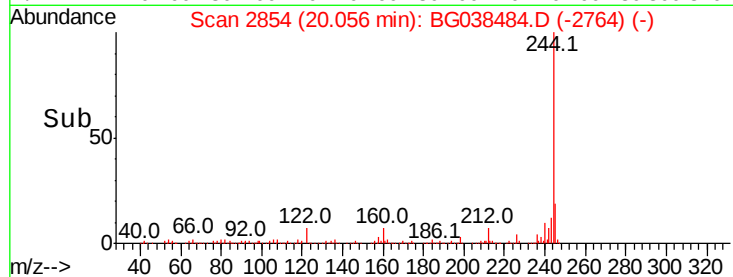
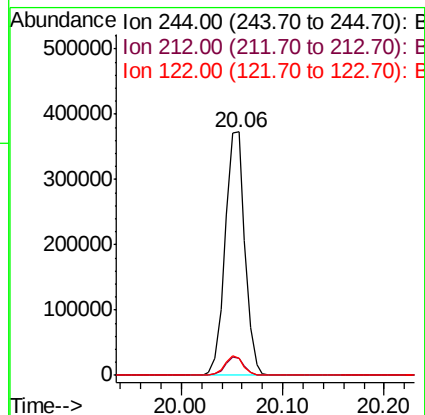
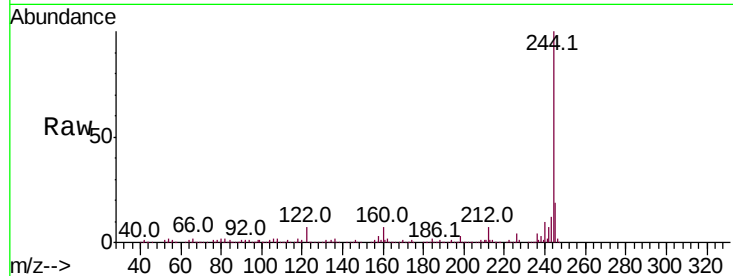
ClientSampleId :

PB115573BS

Tot Ion:	244	Resp:	502529
Ion Ratio		Lower	Upper
244	100		
212	7.2	6.5	9.7
122	6.8	9.0	13.4#

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#80

Butylbenzylphthalate

Concen: 27.770 ng

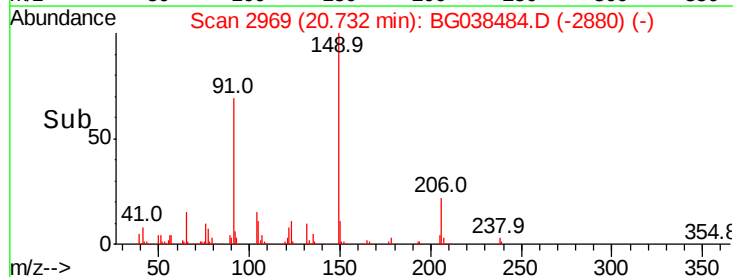
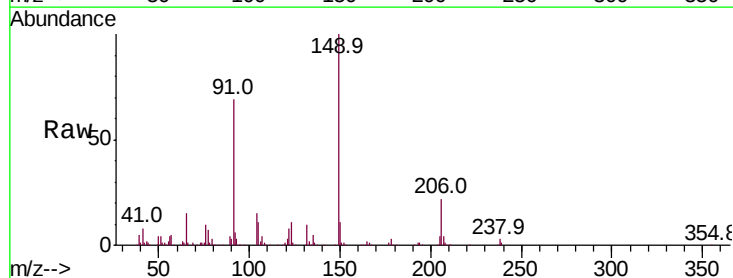
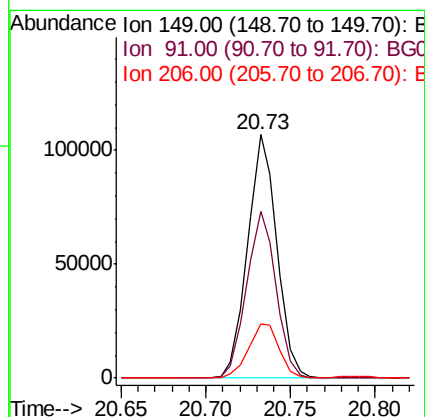
RT: 20.73 min Scan# 2969

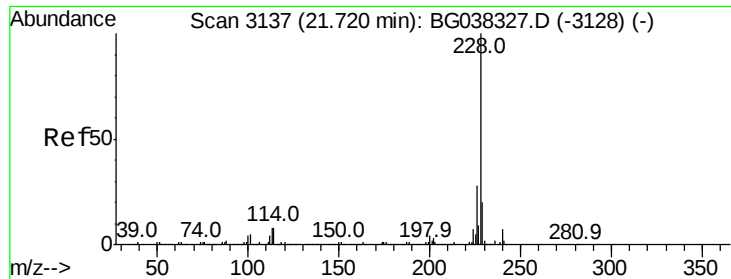
Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Tgt Ion:	149	Resp:	129194
Ion Ratio		Lower	Upper
149	100		
91	68.5	57.0	85.4
206	22.2	17.8	26.6





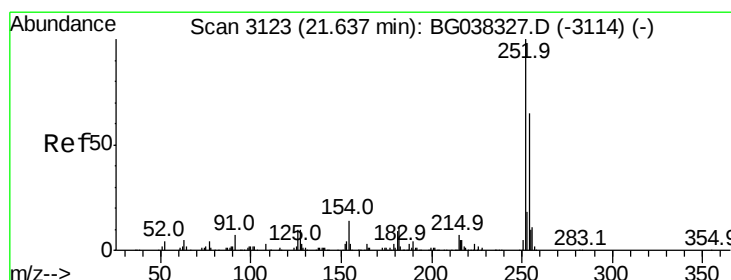
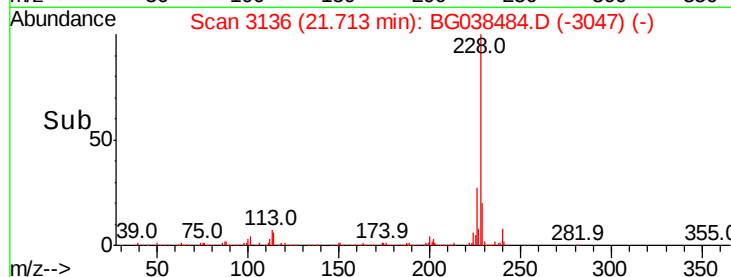
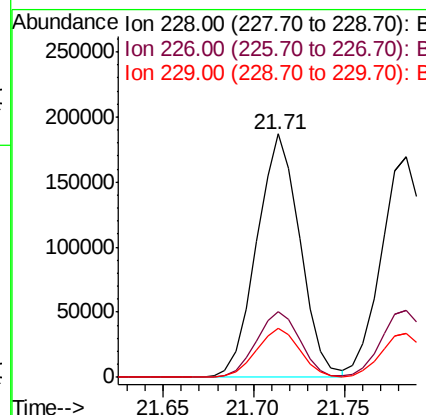
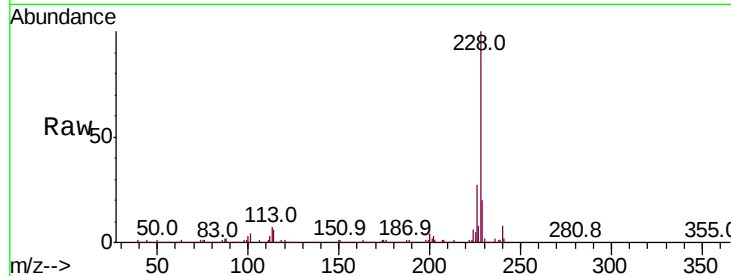
#81
Benzo(a)anthracene
Concen: 30.384 ng
RT: 21.71 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
PB115573BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	20.2	16.3	24.5

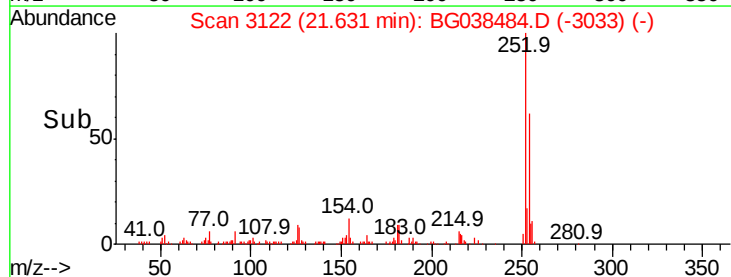
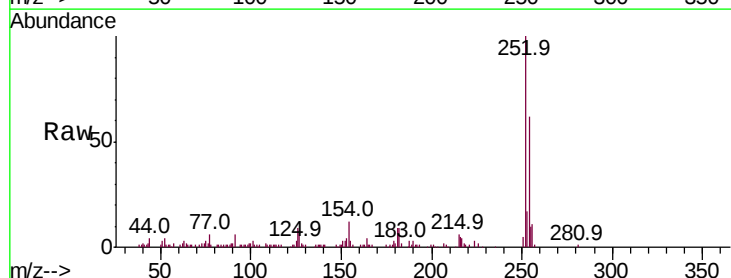
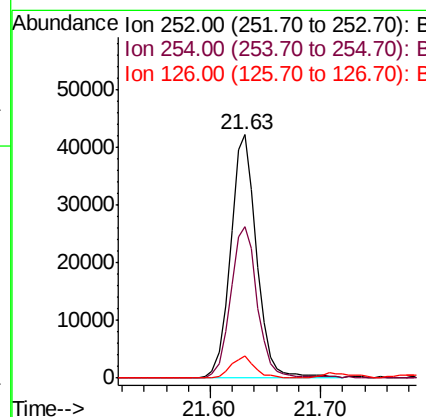
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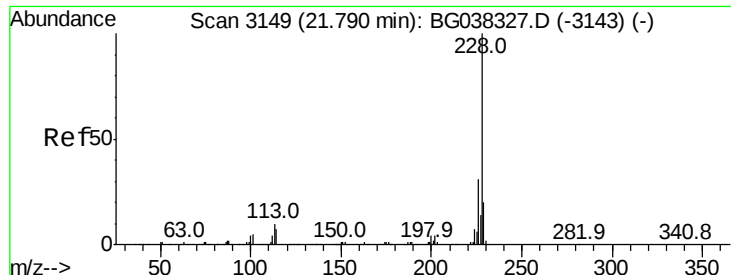
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 17.554 ng
RT: 21.63 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.1	52.0	78.0
126	9.1	8.2	12.4





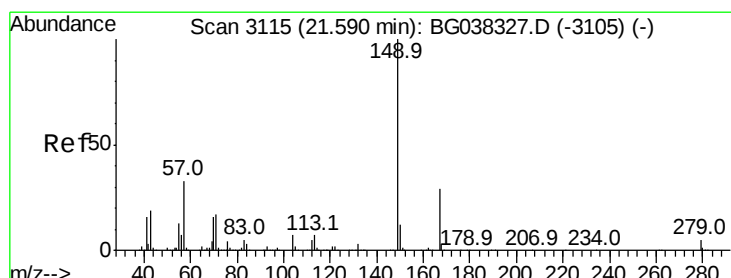
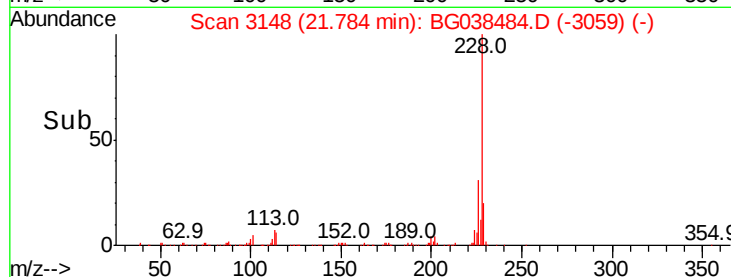
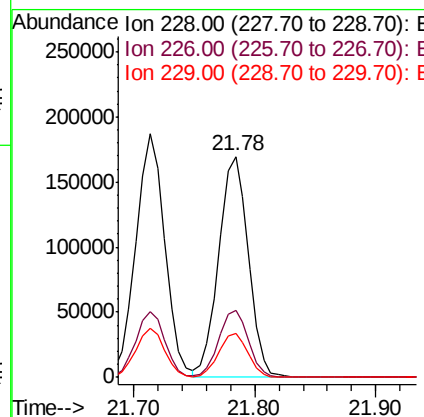
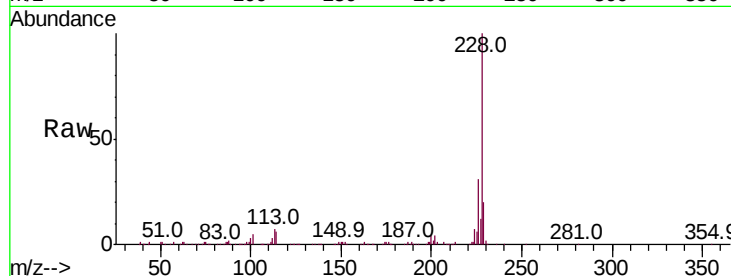
#83
 Chrysene
 Concen: 29.756 ng
 RT: 21.78 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

Tot Ion:	228	Resp:	286101
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.7	38.5
229	19.6	16.5	24.7

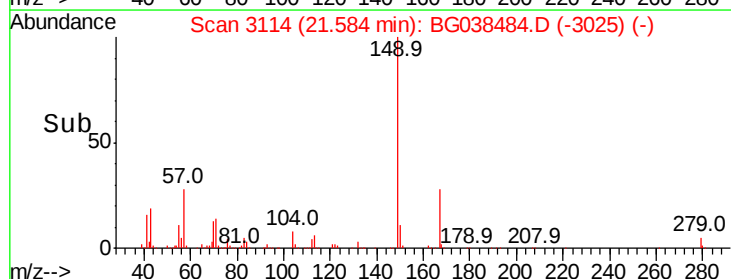
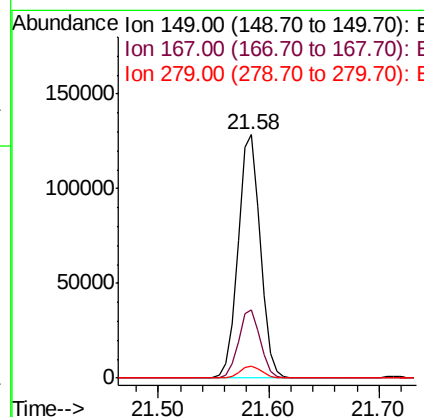
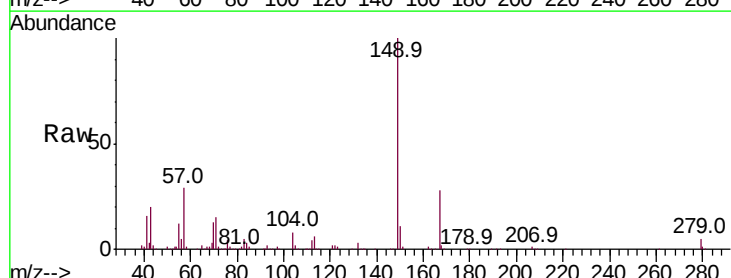
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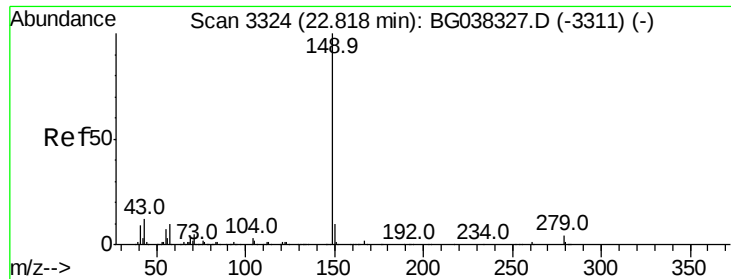
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 27.503 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Tgt Ion:	149	Resp:	181355
Ion Ratio	Lower	Upper	
149	100		
167	28.2	23.0	34.4
279	4.8	3.6	5.4





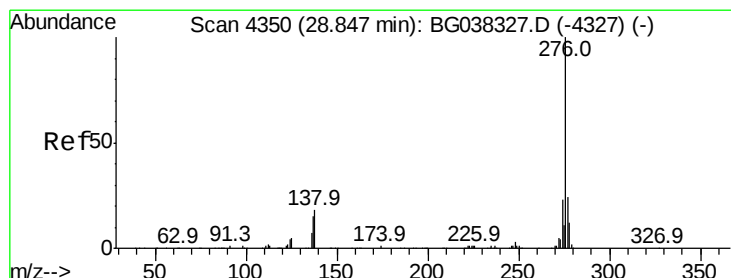
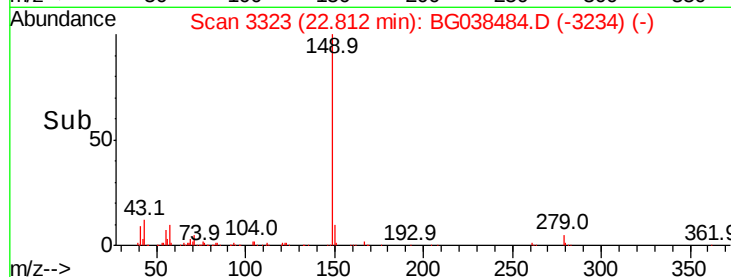
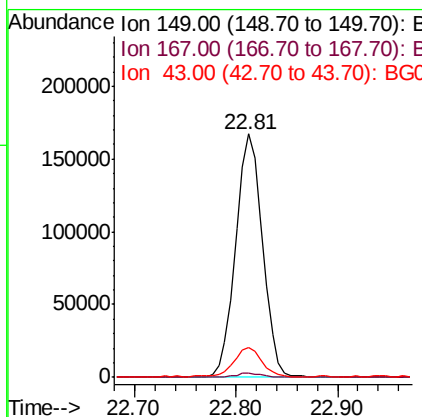
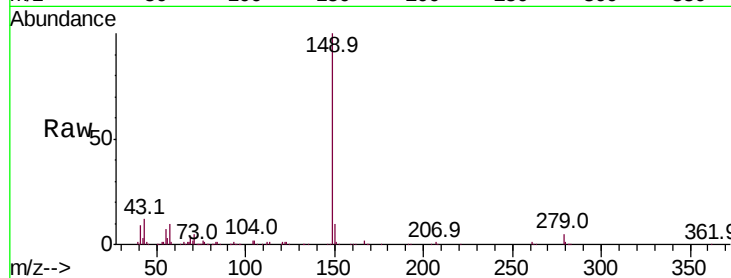
#85
Di-n-octyl phthalate
Concen: 27.186 ng
RT: 22.81 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
PB115573BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	307380		
167	1.7		1.3	1.9
43	12.2		8.7	13.1

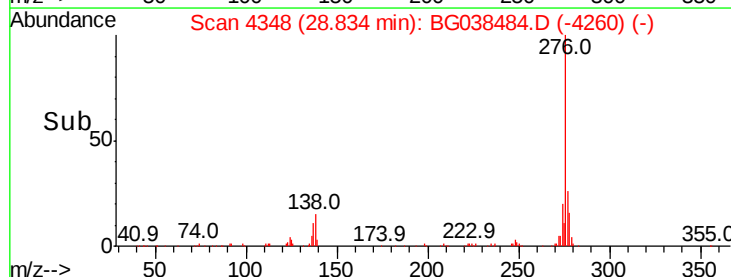
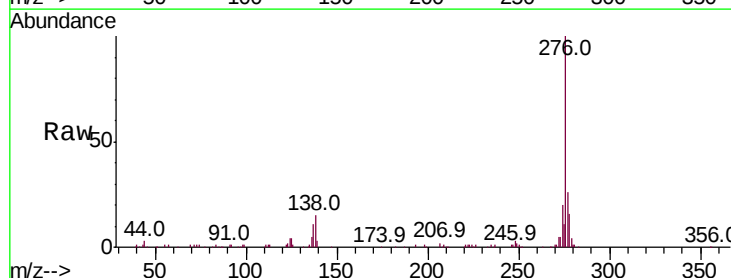
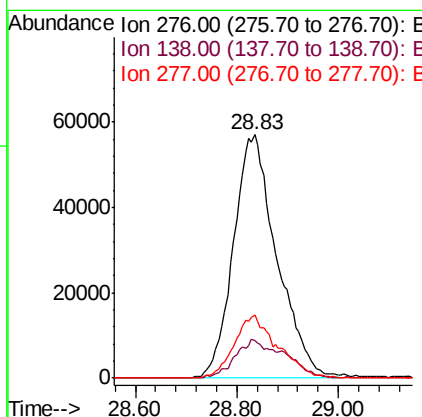
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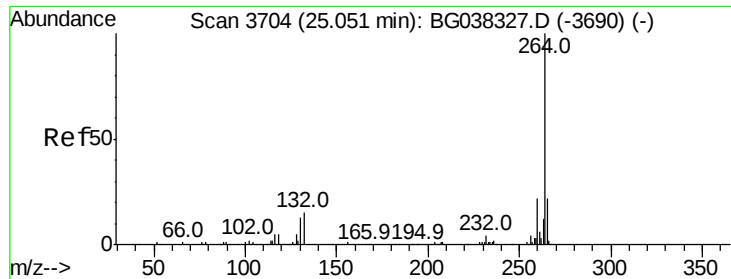
Sohil
12/12/2018 5:38:45 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 30.981 ng
RT: 28.83 min Scan# 4348
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	338534		
138	13.1		12.0	18.0
277	26.0		20.6	30.8





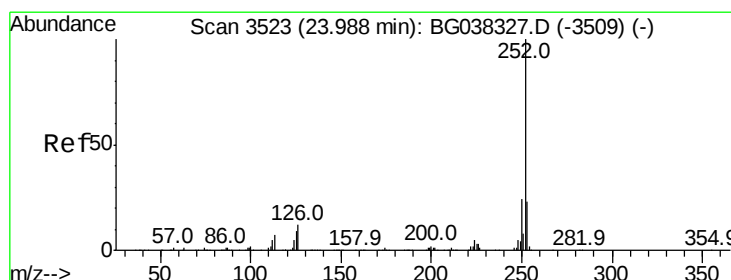
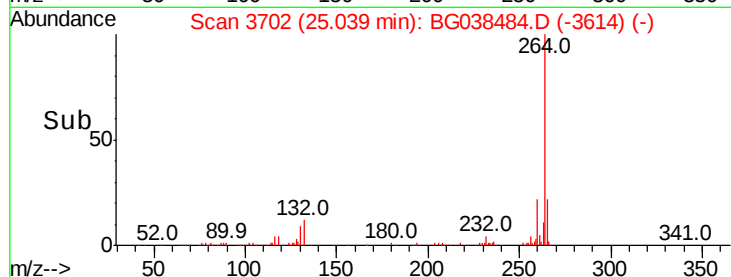
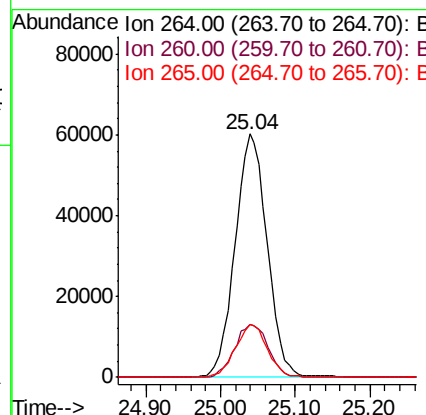
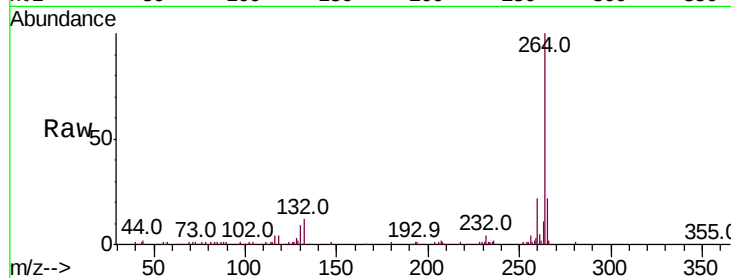
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
PB115573BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.2	27.4
265	21.6	17.9	26.9

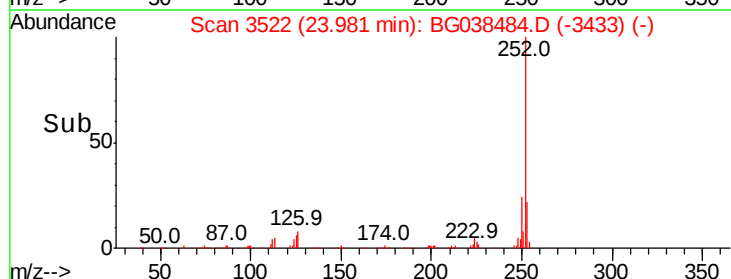
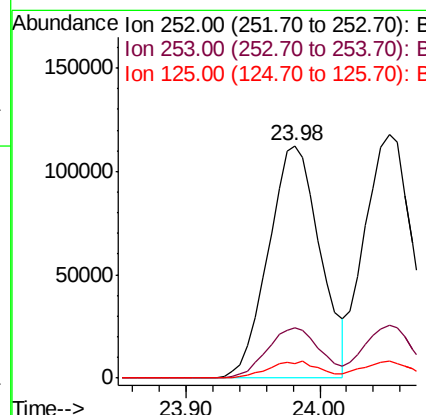
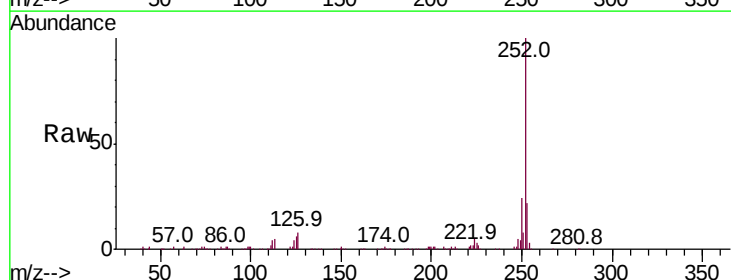
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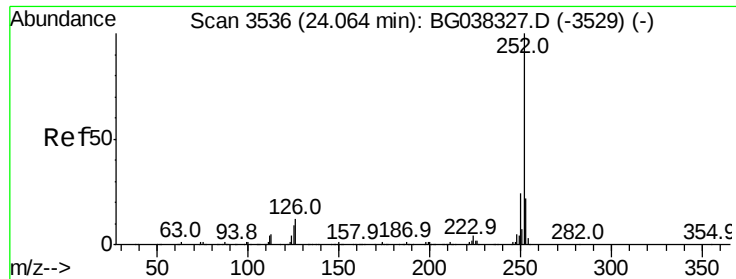
Sohil
12/12/2018 5:38:45 PM



#88
Benzo(b)fluoranthene
Concen: 29.858 ng
RT: 23.98 min Scan# 3522
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	6.5	7.8	11.6#





#89

Benzo(k)fluoranthene

Concen: 29.011 ng

RT: 24.05 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

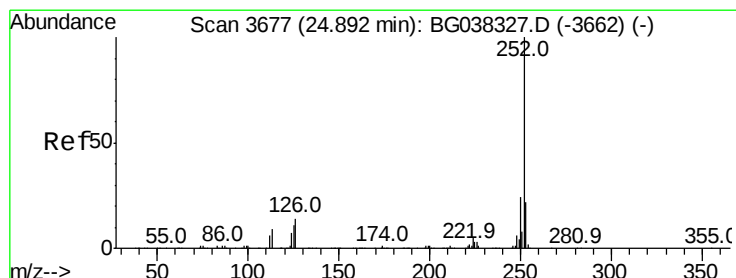
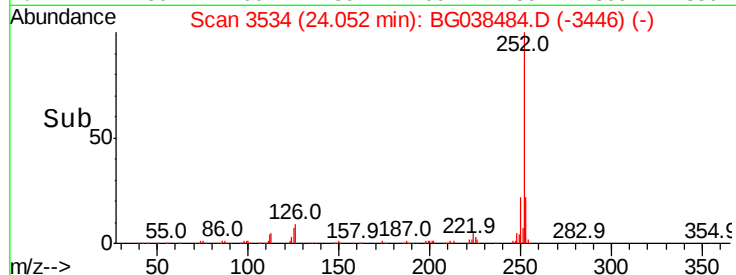
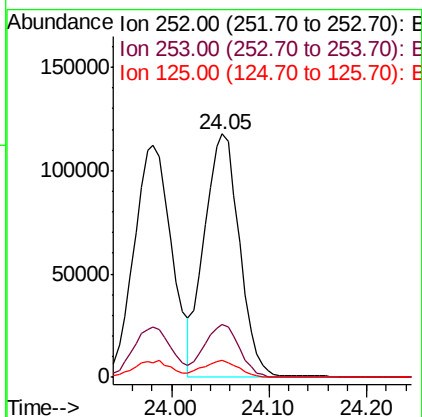
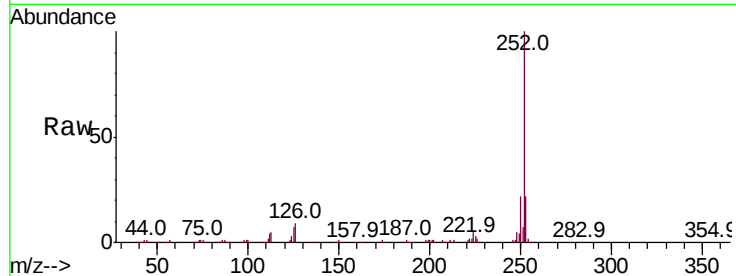
ClientSampleId :

PB115573BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	292584		
253	21.8	17.4	26.2	
125	7.0	7.4	11.0	

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 29.784 ng

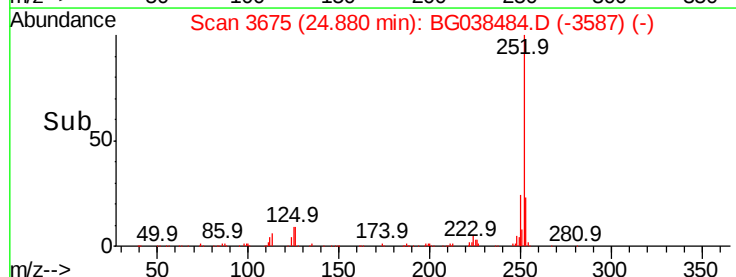
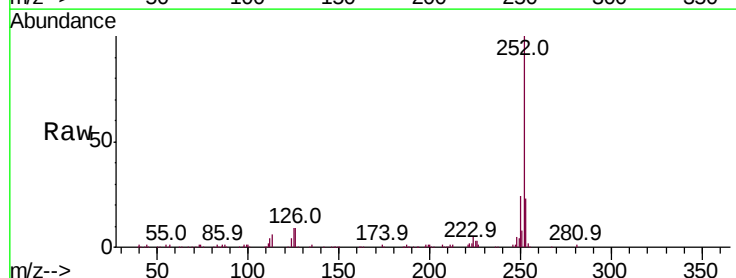
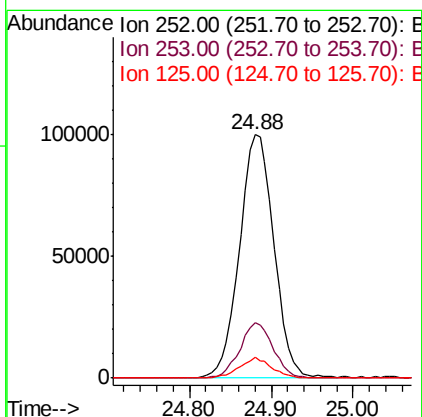
RT: 24.88 min Scan# 3675

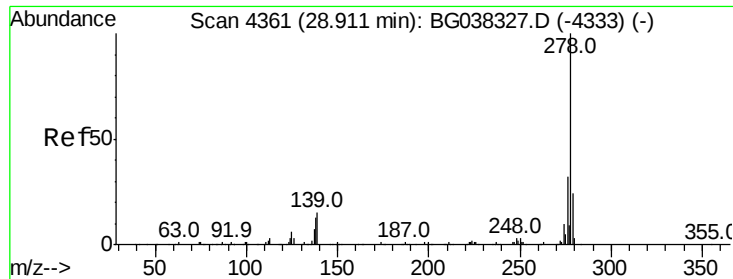
Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	292543		
253	22.8	17.4	26.2	
125	8.6	9.0	13.6	





#91

Dibenzo(a,h)anthracene

Concen: 30.009 ng

RT: 28.89 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

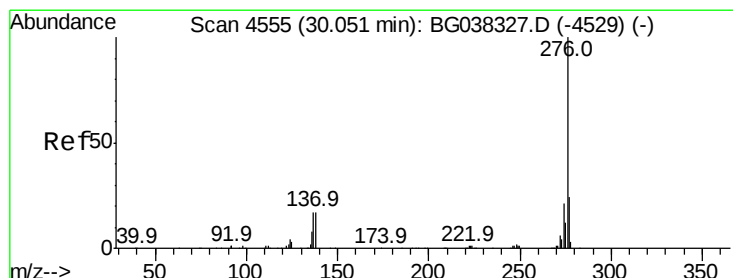
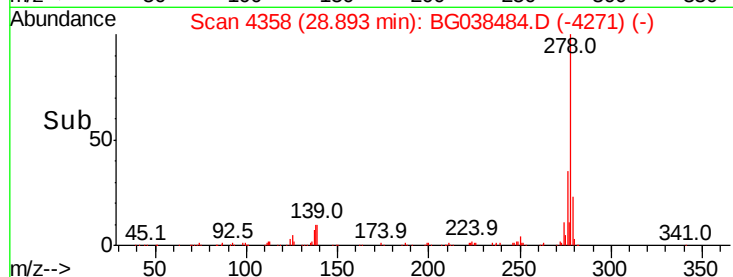
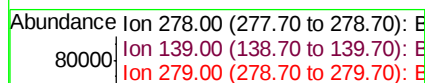
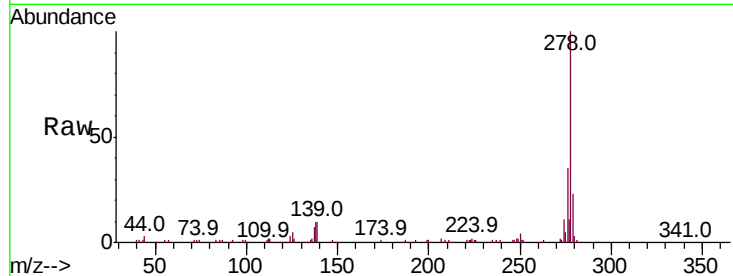
ClientSampleId :

PB115573BS

Tot Ion:	278	Resp:	279554
Ion Ratio	Lower	Upper	
278	100		
139	10.2	11.5	17.3#
279	22.9	18.6	27.8

Manual Integrations
APPROVED

Sohil
12/12/2018 5:38:45 PM



#92

Benzo(g,h,i)perylene

Concen: 30.618 ng

RT: 30.03 min Scan# 4551

Delta R.T. -0.02 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Tgt Ion:	276	Resp:	282987
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.9	28.3
138	13.9	17.2	25.8#

