

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
 Data File : BG038790.D
 Acq On : 21 Dec 2018 17:29
 Operator : JU/SJ
 Sample : PB115909BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

Manual Integrations
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Sohil
 12/26/2018 3:17:25 PM

Quant Time: Dec 22 01:46:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	25402	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	101543	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	69374	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	176147	20.00	ng	0.00
76) Chrysene-d12	21.72	240	172519	20.00	ng	0.00
87) Perylene-d12	25.03	264	181825	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	165778	115.75	ng	0.01
7) Phenol-d6	7.22	99	227531	115.73	ng	0.01
23) Nitrobenzene-d5	9.24	82	116297	58.51	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	118442	123.88	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	313298	61.95	ng	0.00
79) Terphenyl-d14	20.04	244	615128	77.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	24267	36.407	ng	92
3) Pyridine	3.89	79	53168	28.971	ng	94
4) n-Nitrosodimethylamine	3.82	42	33626	37.395	ng	# 92
6) Aniline	7.39	93	75275	29.992	ng	97
8) 2-Chlorophenol	7.62	128	70092	42.291	ng	96
9) Benzaldehyde	7.20	77	20027	15.702	ng	98
10) Phenol	7.25	94	87330	41.809	ng	96
11) bis(2-Chloroethyl)ether	7.48	93	56448	33.943	ng	92
12) 1,3-Dichlorobenzene	7.95	146	73065	37.285	ng	98
13) 1,4-Dichlorobenzene	8.09	146	72921	36.333	ng	98
14) 1,2-Dichlorobenzene	8.41	146	71393	37.732	ng	99
15) Benzyl Alcohol	8.30	79	64012	41.712	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	121016	31.766	ng	98
17) 2-Methylphenol	8.50	107	60482	43.218	ng	98
18) Hexachloroethane	9.14	117	25963	35.402	ng	91
19) n-Nitroso-di-n-propylamine	8.86	70	47665	34.518	ng	95
20) 3+4-Methylphenols	8.83	107	83298	43.099	ng	98
22) Acetophenone	8.89	105	99467	39.217	ng	# 96
24) Nitrobenzene	9.28	77	75276	37.437	ng	96
25) Isophorone	9.79	82	137601	38.531	ng	97
26) 2-Nitrophenol	9.99	139	41105	39.941	ng	# 89
27) 2,4-Dimethylphenol	10.03	122	71991	48.810	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	79227	39.312	ng	99
29) 2,4-Dichlorophenol	10.52	162	78425	47.796	ng	99
30) 1,2,4-Trichlorobenzene	10.74	180	80748	40.741	ng	98
31) Naphthalene	10.93	128	213743	42.722	ng	99
32) Benzoic acid	10.18	122	36845m	41.165	ng	
33) 4-Chloroaniline	11.04	127	58253	26.819	ng	96
34) Hexachlorobutadiene	11.19	225	55508	41.390	ng	97
35) Caprolactam	11.84	113	24496	36.074	ng	# 86
36) 4-Chloro-3-methylphenol	12.15	107	79021	42.201	ng	96
37) 2-Methylnaphthalene	12.53	142	164807	46.174	ng	98
38) 1-Methylnaphthalene	12.75	142	156644	45.226	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	102955	39.702	ng	99

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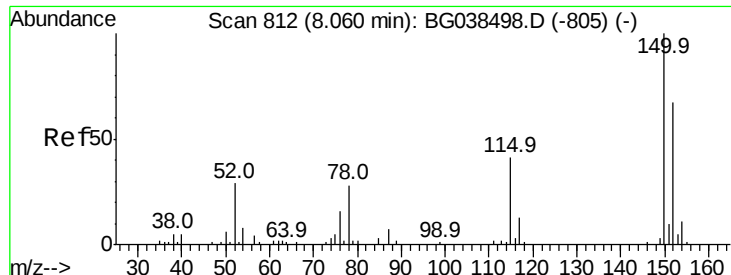
Manual Integrations
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 12/26/2018 3:17:25 PM

Quant Time: Dec 22 01:46:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	116543	81.803	nq	94
43) 2,4,6-Trichlorophenol	13.13	196	72004	45.159	nq	99
44) 2,4,5-Trichlorophenol	13.21	196	78363	46.419	nq	96
46) 1,1'-Biphenyl	13.53	154	216598	37.243	nq	99
47) 2-Chloronaphthalene	13.58	162	177624	39.539	nq	99
48) 2-Nitroaniline	13.79	65	54770	38.276	nq	92
49) Acenaphthylene	14.42	152	286646	42.682	nq	97
50) Dimethylphthalate	14.14	163	230392	40.667	nq	98
51) 2,6-Dinitrotoluene	14.28	165	51835	40.374	nq	91
52) Acenaphthene	14.76	154	163645	40.749	nq	99
53) 3-Nitroaniline	14.61	138	39778	30.394	nq	91
54) 2,4-Dinitrophenol	14.82	184	49960	66.347	nq	97
55) Dibenzofuran	15.10	168	279159	40.553	nq	98
56) 4-Nitrophenol	14.92	139	74675	75.213	nq	99
57) 2,4-Dinitrotoluene	15.07	165	73249	40.508	nq	96
58) Fluorene	15.74	166	224644	44.047	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	70969	46.726	nq	96
60) Diethylphthalate	15.50	149	231381	37.204	nq	100
61) 4-Chlorophenyl-phenylether	15.73	204	130905	41.137	nq	94
62) 4-Nitroaniline	15.78	138	53387	39.623	nq	97
63) Azobenzene	16.03	77	193049	37.157	nq	96
65) 4,6-Dinitro-2-methylphenol	15.83	198	43746	34.814	nq	90
66) n-Nitrosodiphenylamine	15.95	169	204757	39.562	nq	98
67) 4-Bromophenyl-phenylether	16.62	248	83425	38.780	nq	95
68) Hexachlorobenzene	16.74	284	88321	39.605	nq	95
69) Atrazine	16.89	200	82345	42.872	nq	98
70) Pentachlorophenol	17.09	266	95463	72.374	nq	97
71) Phenanthrene	17.49	178	381929	41.812	nq	99
72) Anthracene	17.58	178	384615	42.652	nq	98
73) Carbazole	17.85	167	340155	38.142	nq	99
74) Di-n-butylphthalate	18.38	149	394978	38.598	nq	99
75) Fluoranthene	19.50	202	467970	41.407	nq	97
77) Benzidine	19.68	184	212044	41.560	nq	99
78) Pyrene	19.86	202	465200	40.817	nq	99
80) Butylbenzylphthalate	20.73	149	172023	38.633	nq	97
81) Benzo(a)anthracene	21.71	228	452467	43.041	nq	99
82) 3,3'-Dichlorobenzidine	21.62	252	124336	29.822	nq	98
83) Chrysene	21.78	228	417565	41.239	nq	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	241053	38.171	nq	99
85) Di-n-octyl phthalate	22.80	149	404546	38.250	nq	98
86) Indeno(1,2,3-cd)pyrene	28.82	276	497622	41.802	nq	# 73
88) Benzo(b)fluoranthene	23.97	252	456931	45.771	nq	99
89) Benzo(k)fluoranthene	24.04	252	418939	42.143	nq	98
90) Benzo(a)pyrene	24.87	252	432345	44.891	nq	97
91) Dibenzo(a,h)anthracene	28.88	278	414525	43.228	nq	98
92) Benzo(g,h,i)perylene	30.01	276	407832	43.156	nq	98

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



#1

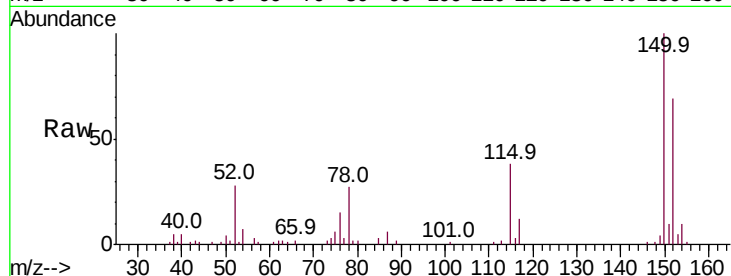
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.4	119.5	179.3
115	54.6	49.6	74.4

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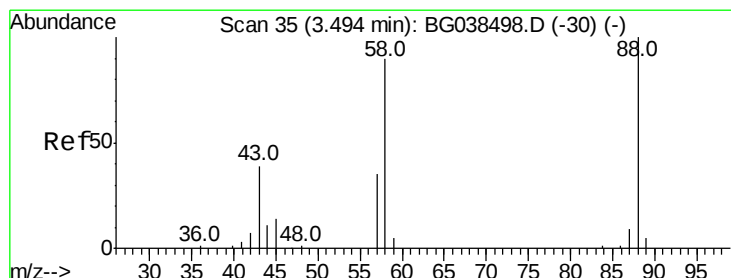
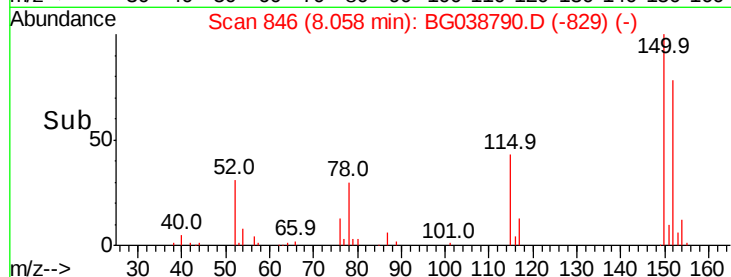
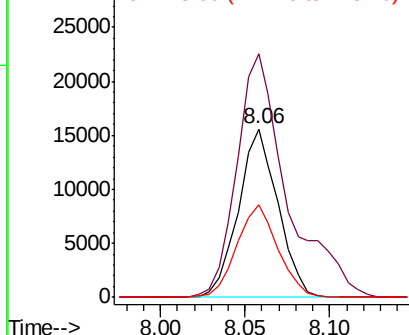


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

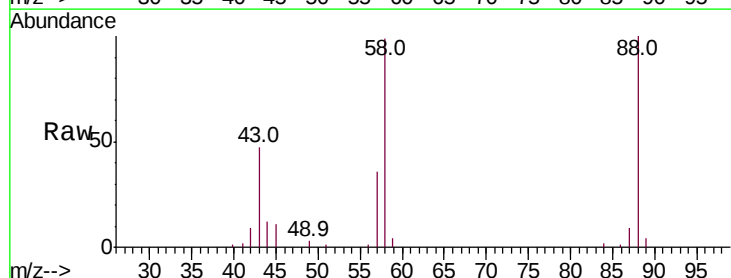
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.407 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.8	75.7	113.5
43	47.1	31.6	47.4

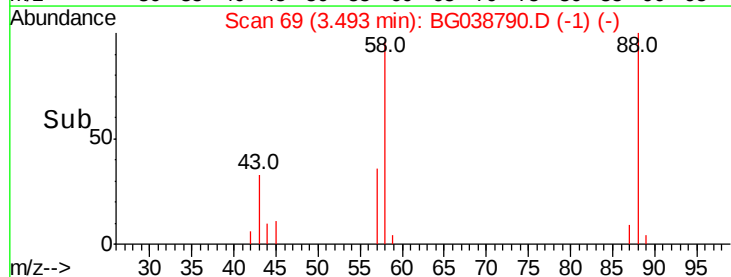
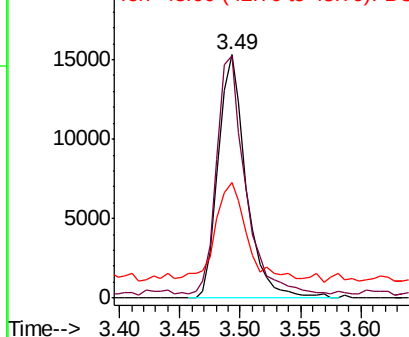


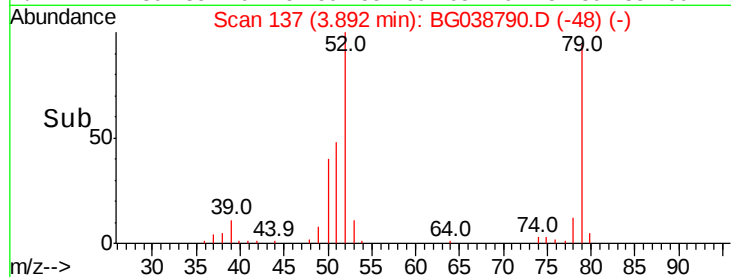
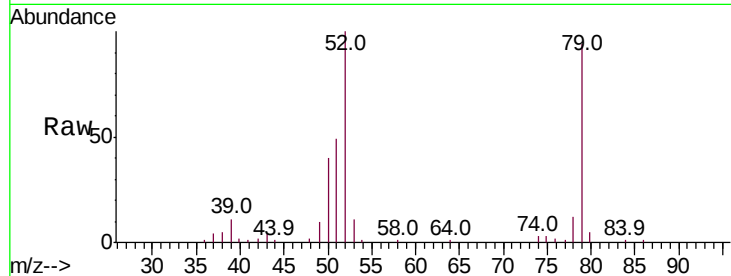
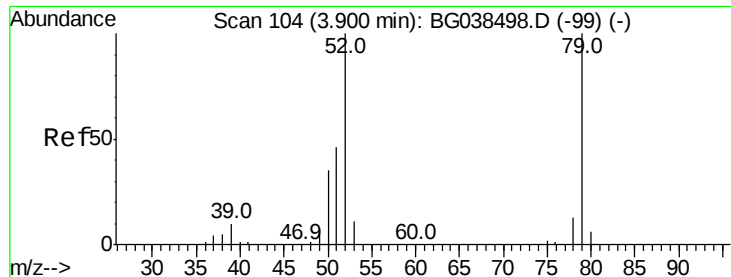
Abundance

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





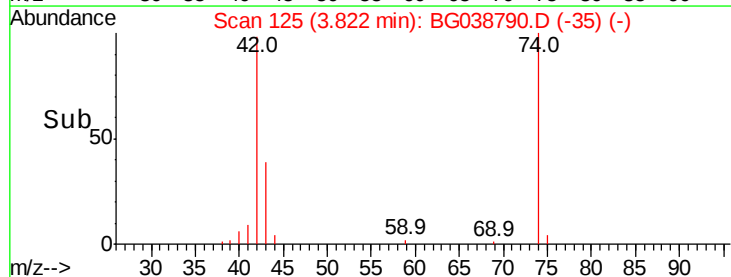
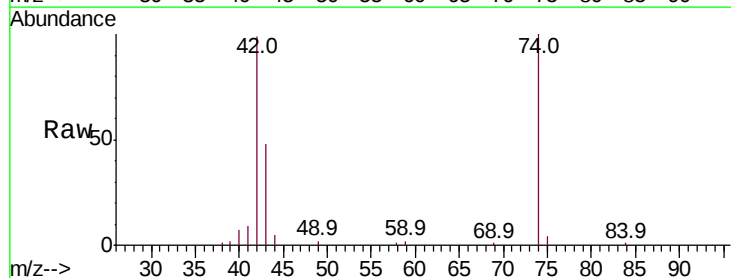
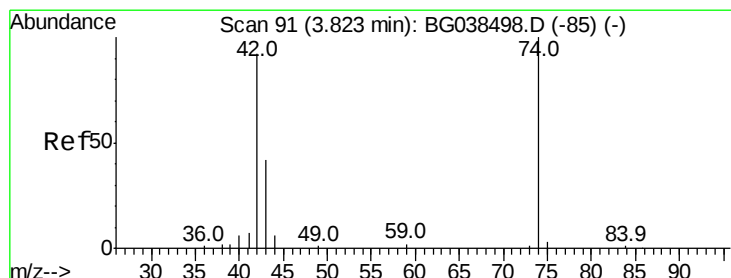
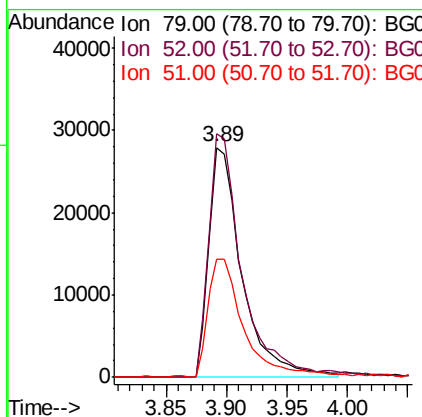
#3
Pvridine
Concen: 28.971 ng
RT: 3.89 min Scan# 137
Delta R.T. -0.01 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tot Ion: 79 Resp: 53168
Ion Ratio Lower Upper
79 100
52 105.8 80.2 120.2
51 51.6 38.0 57.0

Instrument :
BNA_G
ClientSampleId :
PB115909BS

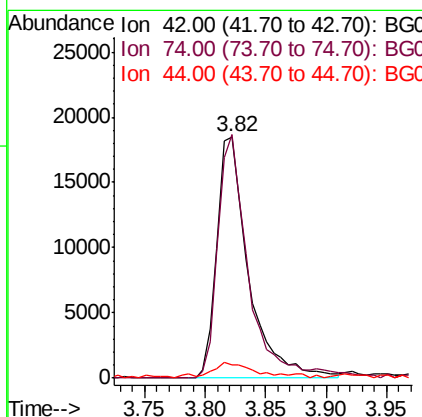
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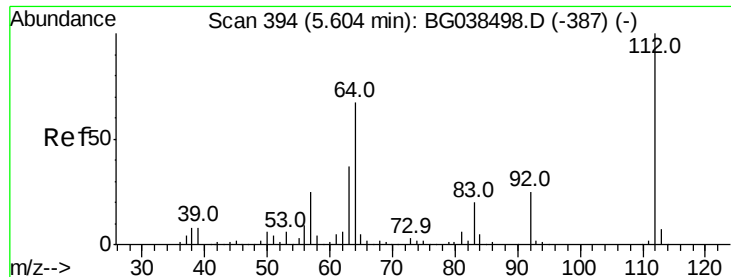
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#4
n-Nitrosodimethylamine
Concen: 37.395 ng
RT: 3.82 min Scan# 125
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion: 42 Resp: 33626
Ion Ratio Lower Upper
42 100
74 100.7 86.7 130.1
44 5.5 7.8 11.8#





#5

2-Fluorophenol

Concen: 115.752 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

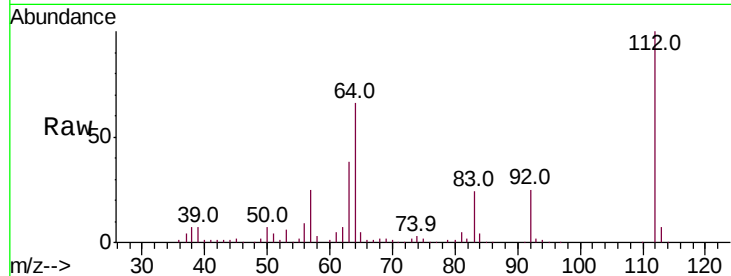
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PB115909BS

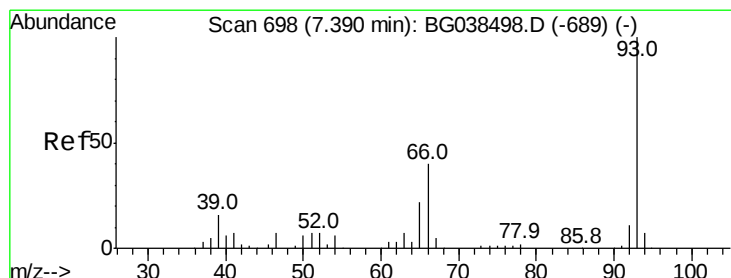
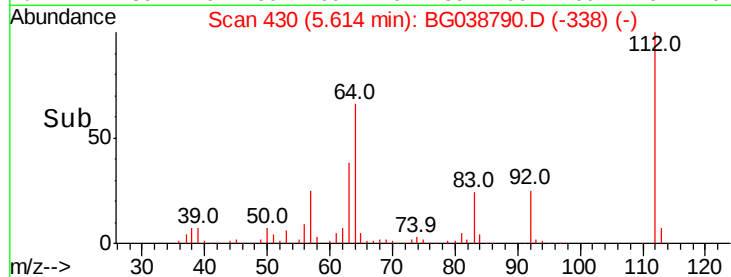
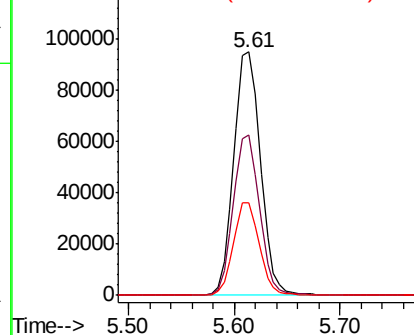
Tot Ion:	112	Resp:	165778
Ion Ratio	Lower	Upper	
112	100		
64	65.9	53.4	80.2
63	37.9	29.3	43.9

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.992 ng

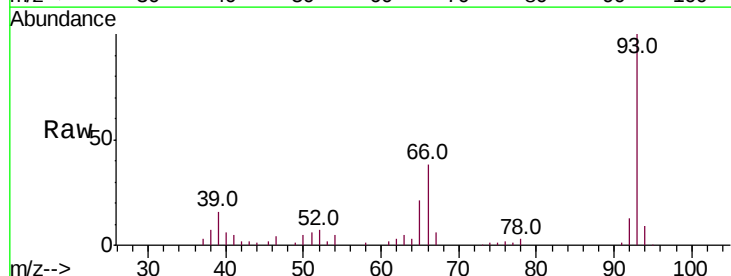
RT: 7.39 min Scan# 732

Delta R.T. -0.00 min

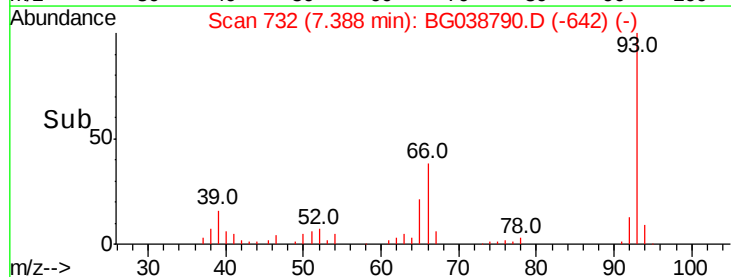
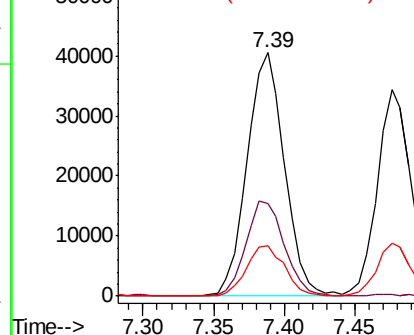
Lab File: BG038790.D

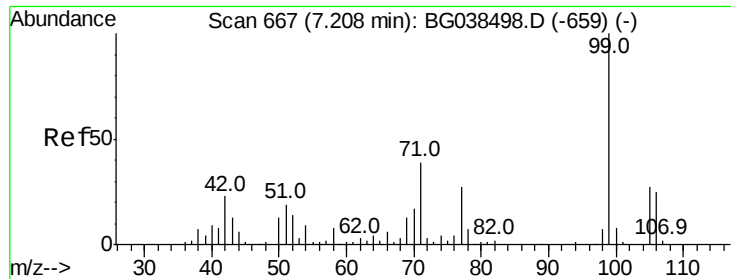
Acq: 21 Dec 2018 17:29

Tgt Ion:	93	Resp:	75275
Ion Ratio	Lower	Upper	
93	100		
66	38.0	31.7	47.5
65	20.8	17.8	26.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.726 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

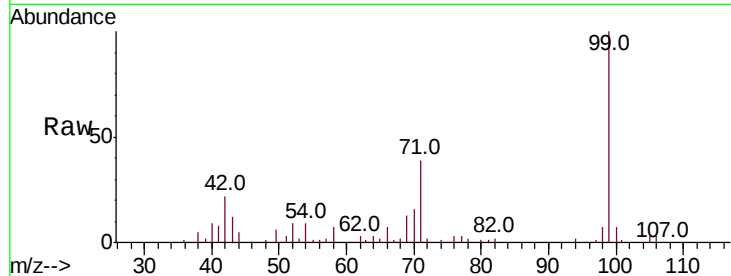
ClientSampleId :

PB115909BS

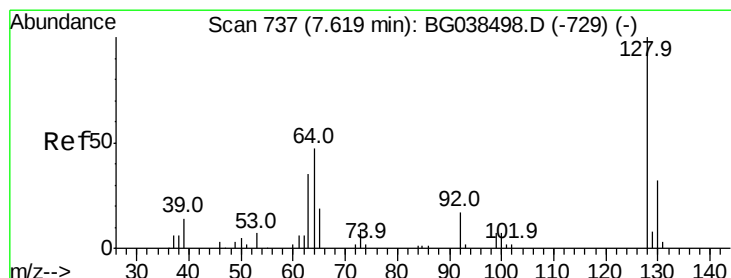
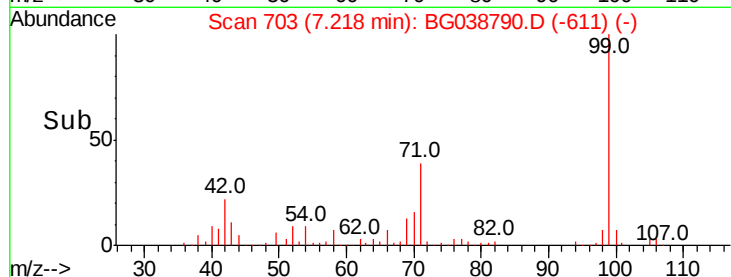
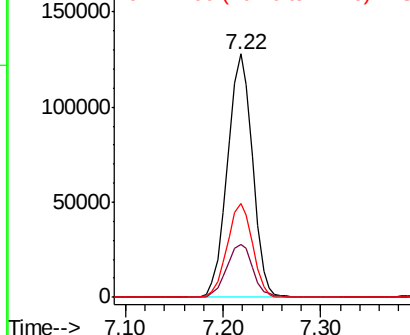
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		227531		
42	21.9	18.5	27.7		
71	38.6	31.1	46.7		

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



#8

2-Chlorophenol

Concen: 42.291 ng

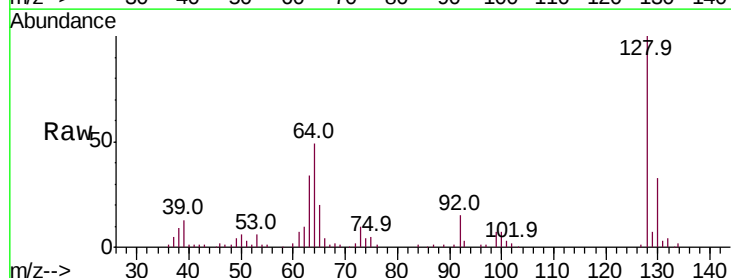
RT: 7.62 min Scan# 772

Delta R.T. 0.00 min

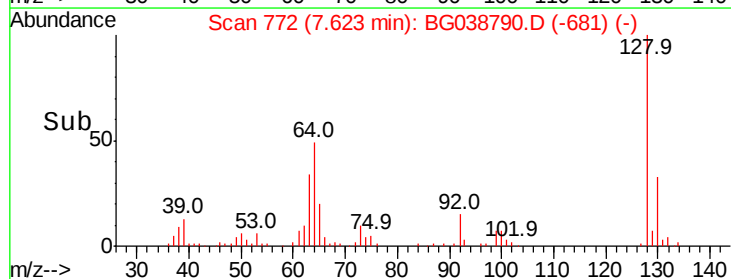
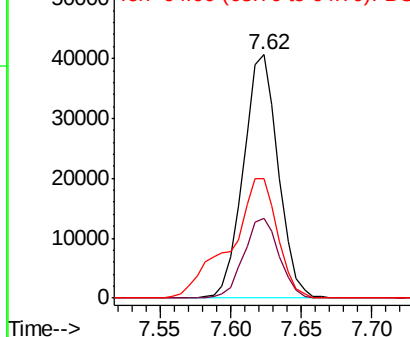
Lab File: BG038790.D

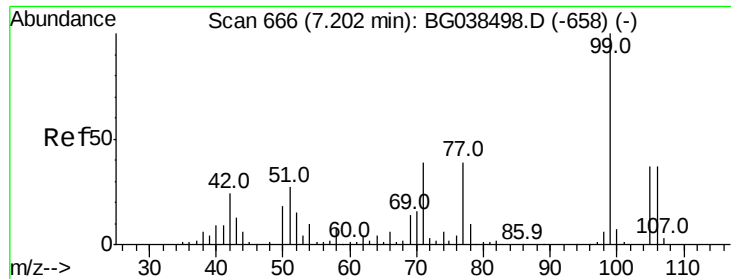
Acq: 21 Dec 2018 17:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		70092		
130	32.7	11.8	51.8		
64	48.9	33.2	73.2		



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





#9

Benzaldehyde

Concen: 15.702 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

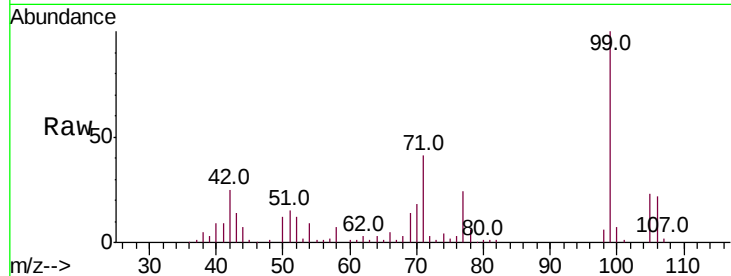
ClientSampleID :

PB115909BS

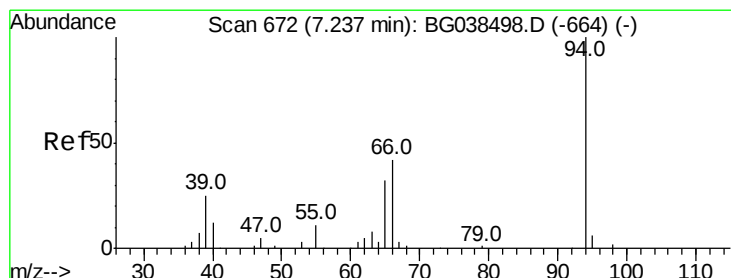
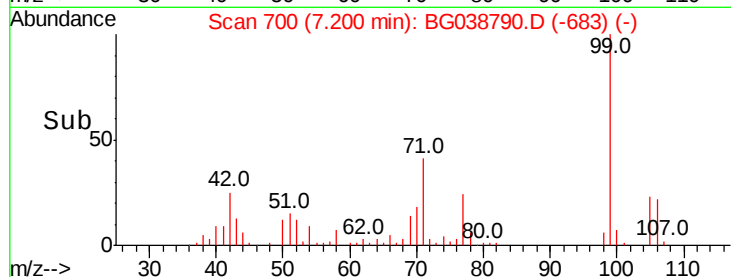
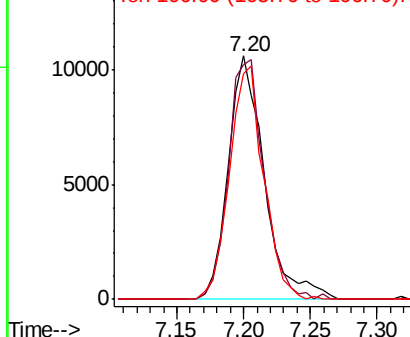
Tot Ion	Ratio	Lower	Upper
77	100		
105	96.2	74.0	114.0
106	92.6	73.9	113.9

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



#10

Phenol

Concen: 41.809 ng

RT: 7.25 min Scan# 708

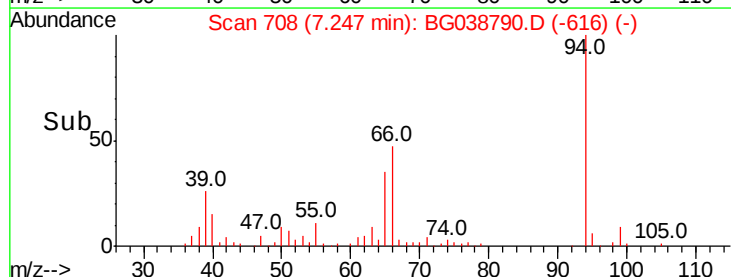
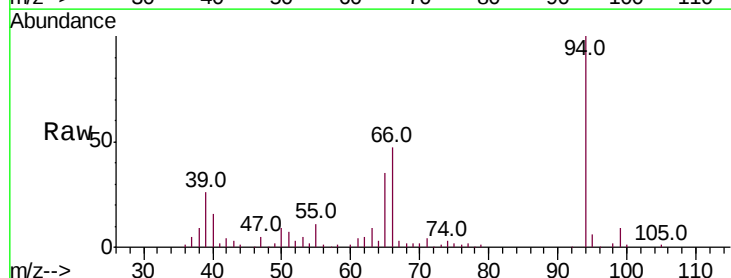
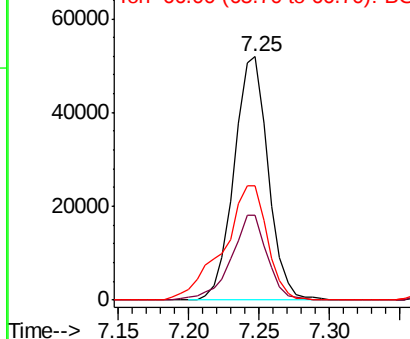
Delta R.T. 0.01 min

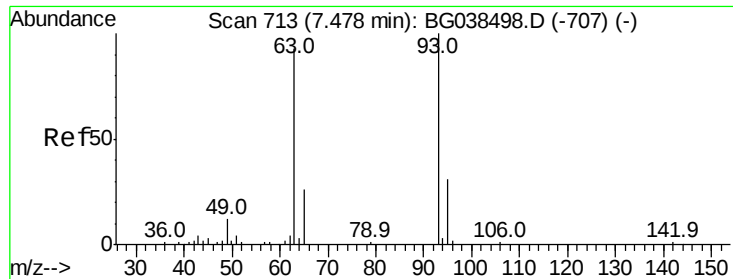
Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.9	12.6	52.6
66	46.8	24.1	64.1

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





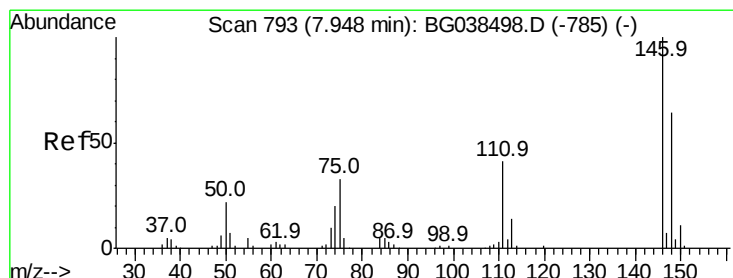
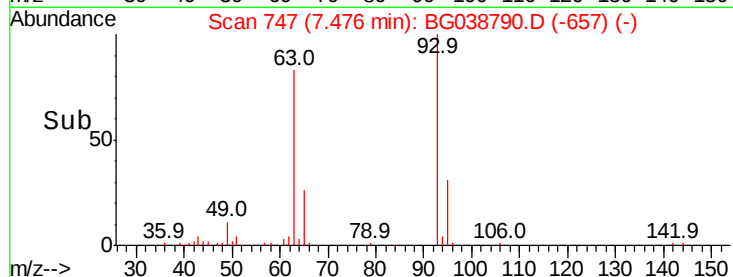
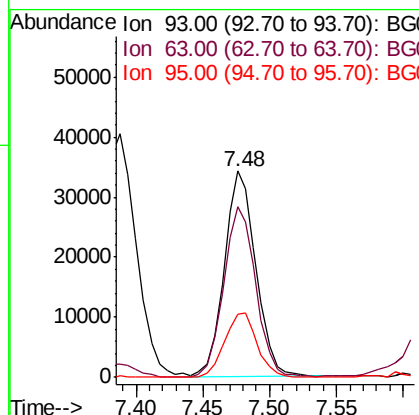
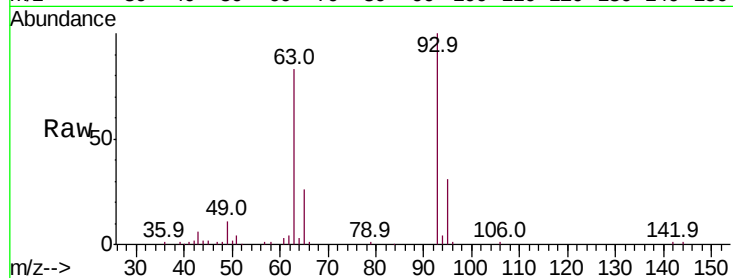
#11
 bis(2-Chloroethyl)ether
 Concen: 33.943 ng
 RT: 7.48 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Instrument :
 BNA_G
 ClientSampleID :
 PB115909BS

Tot Ion:	93	Resp:	56448
Ion	Ratio	Lower	Upper
93	100		
63	82.6	72.2	112.2
95	30.5	11.2	51.2

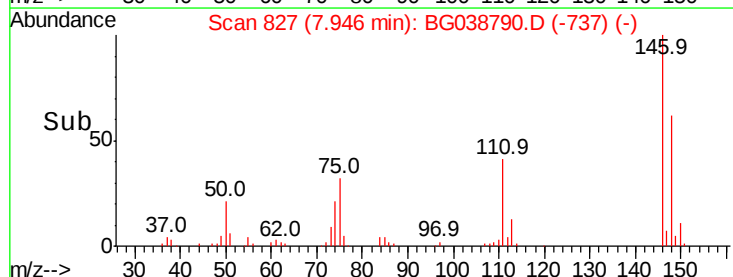
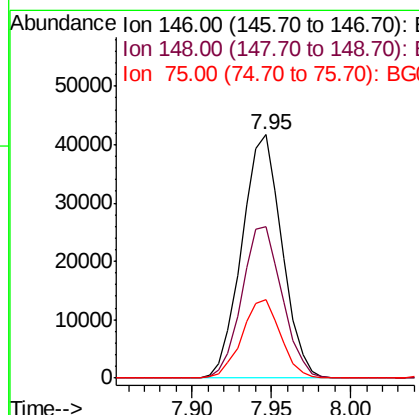
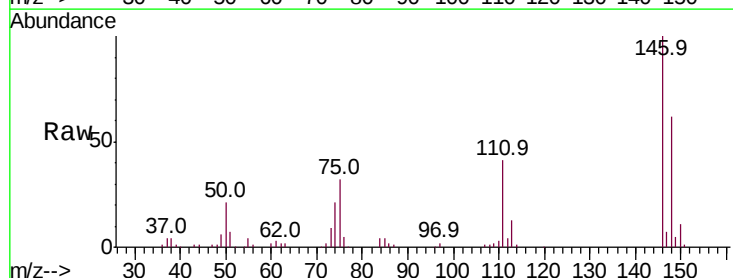
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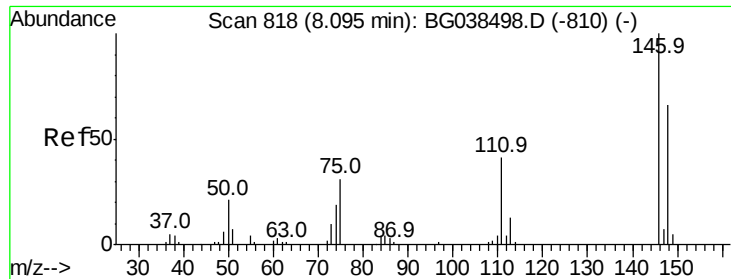
Sohil
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#12
 1,3-Dichlorobenzene
 Concen: 37.285 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion:	146	Resp:	73065
Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.4	77.0
75	32.4	26.1	39.1





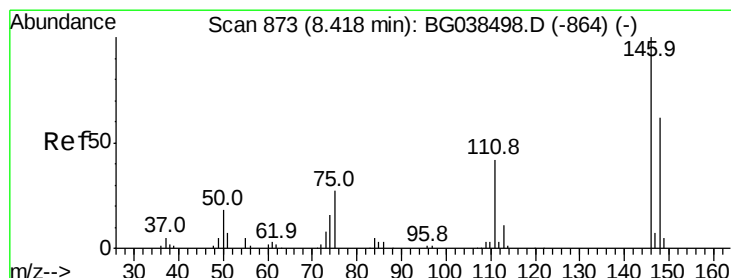
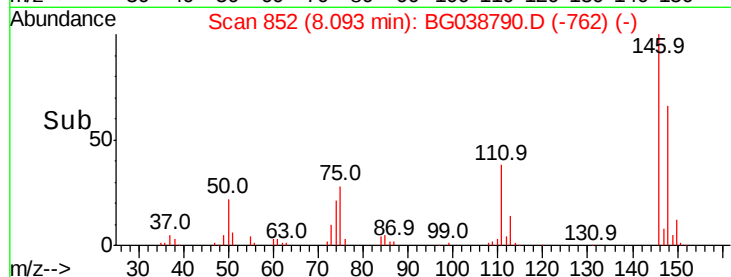
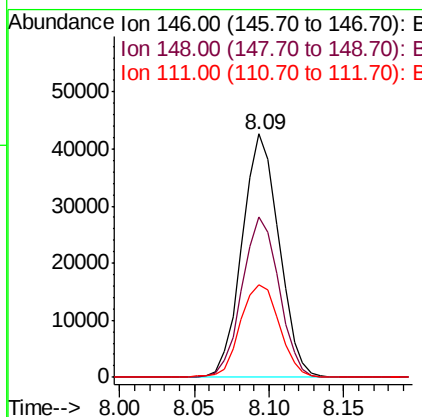
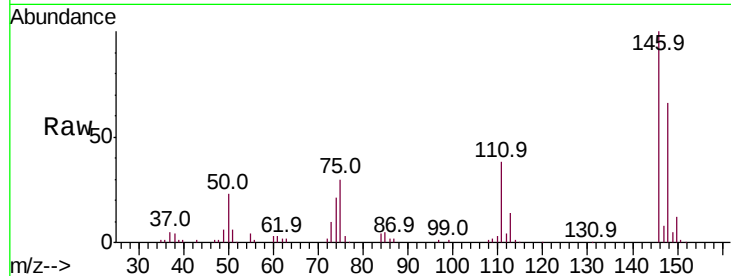
#13
 1,4-Dichlorobenzene
 Concen: 36.333 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.4	78.6
111	37.8	33.0	49.4

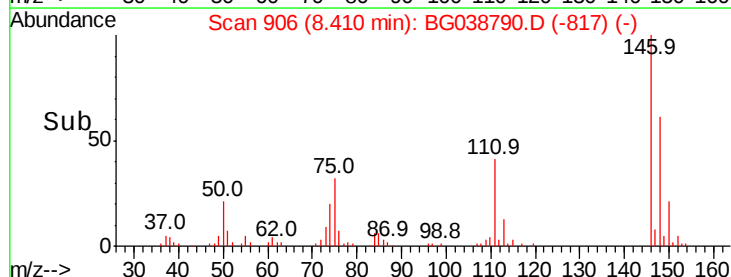
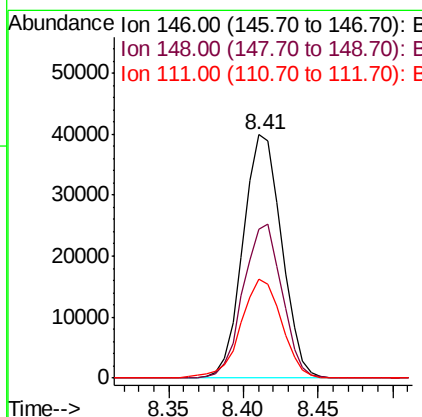
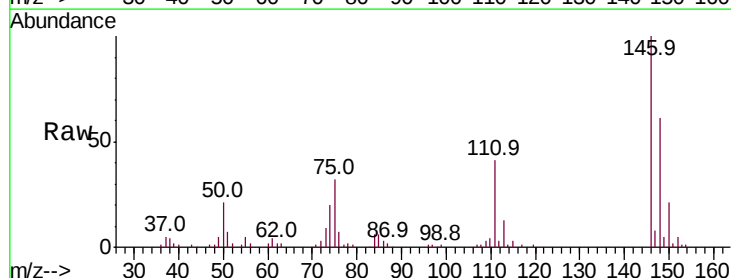
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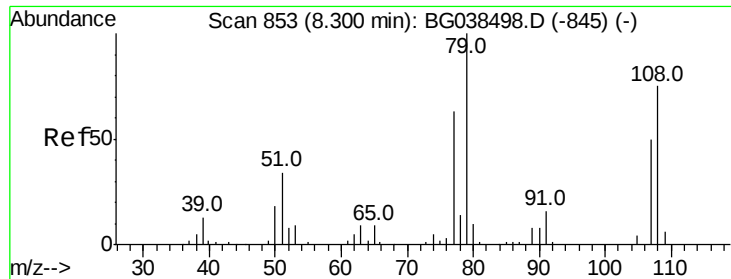
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#14
 1,2-Dichlorobenzene
 Concen: 37.732 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.2	49.4	74.0
111	40.7	33.8	50.6





#15

Benzyl Alcohol

Concen: 41.712 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

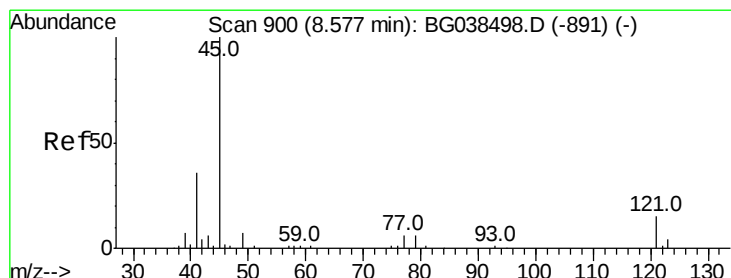
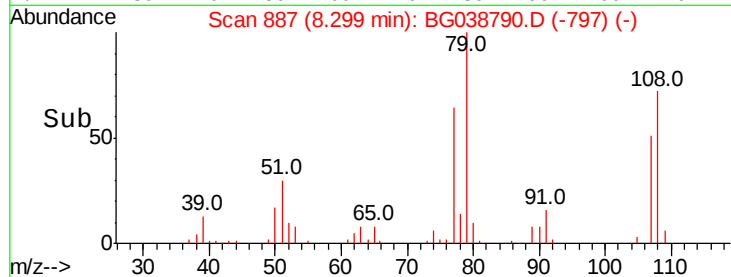
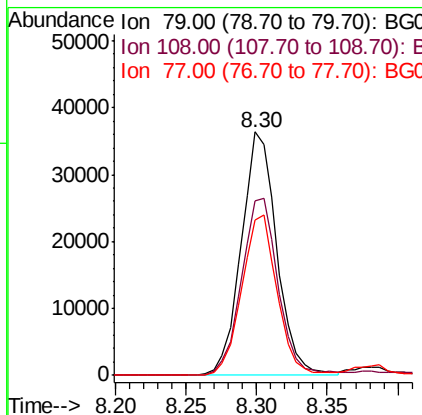
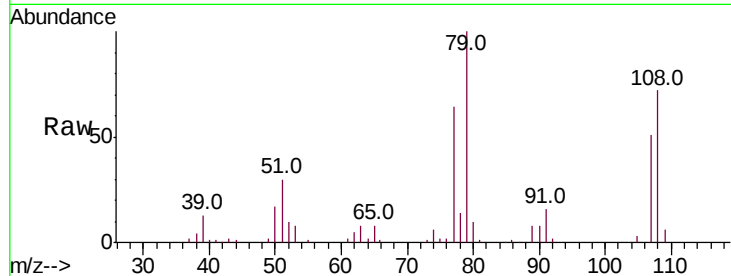
ClientSampleID :

PB115909BS

Tot Ion:	79	Resp:	64012
Ion Ratio	Lower	Upper	
79	100		
108	71.6	60.2	90.4
77	63.7	50.7	76.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.766 ng

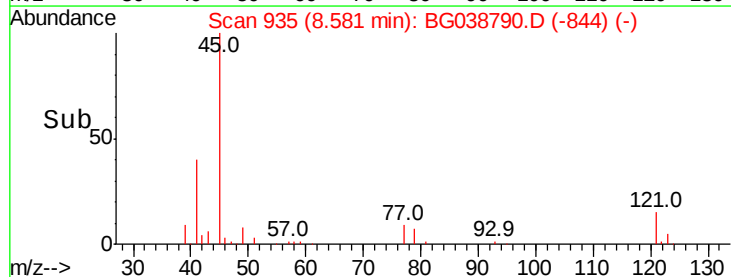
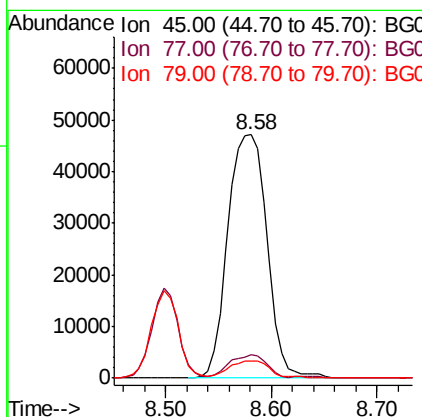
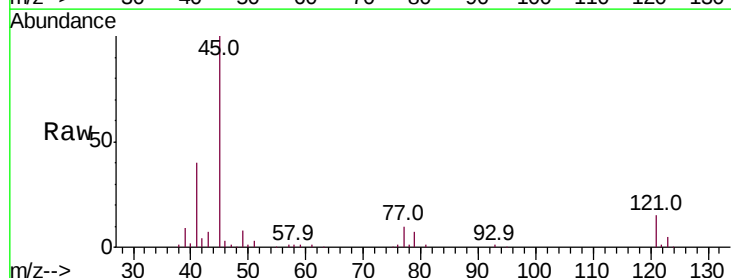
RT: 8.58 min Scan# 935

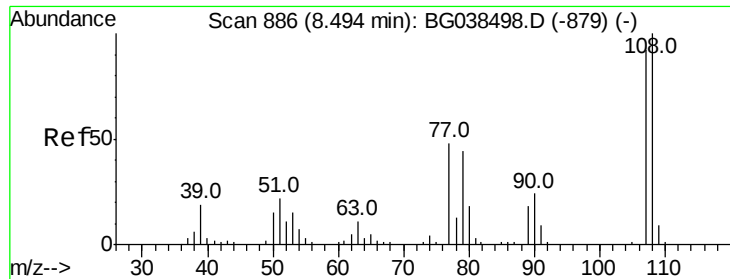
Delta R.T. 0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Tgt Ion:	45	Resp:	121016
Ion Ratio	Lower	Upper	
45	100		
77	9.6	0.0	28.2
79	7.2	0.0	27.2





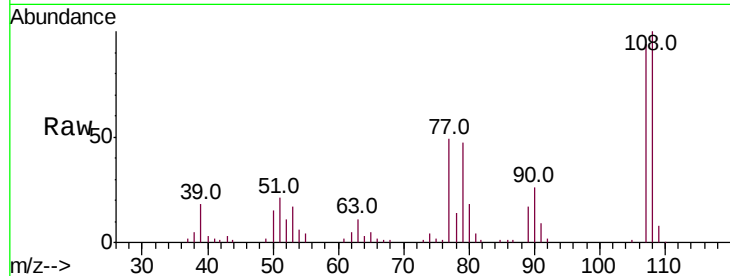
#17
2-Methylphenol
Concen: 43.218 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleID :
PB115909BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	106.6	87.1	130.7
77	51.7	42.0	63.0
79	50.0	38.2	57.2

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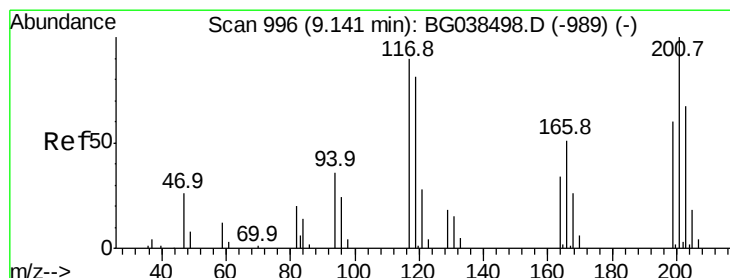
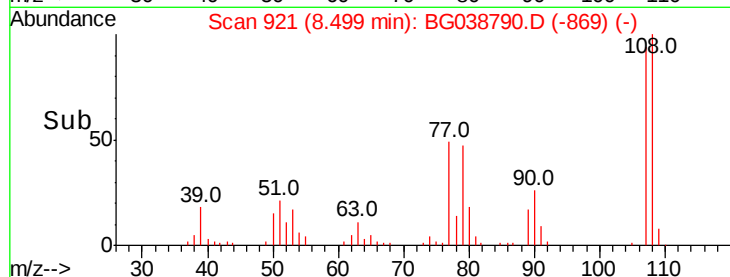
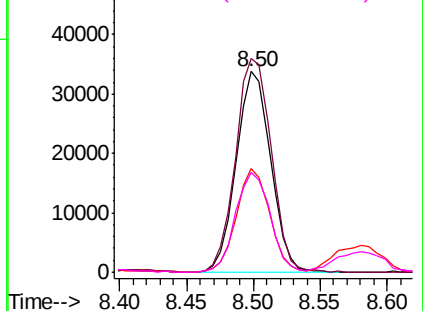
Abundance

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: 35.402 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

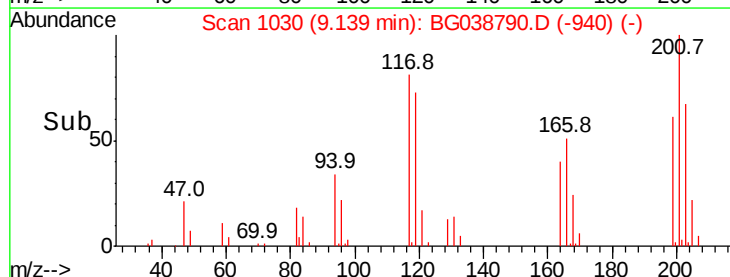
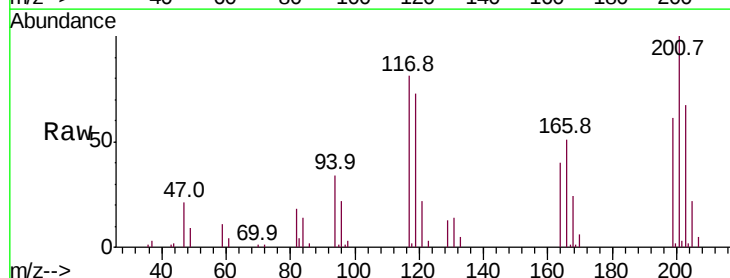
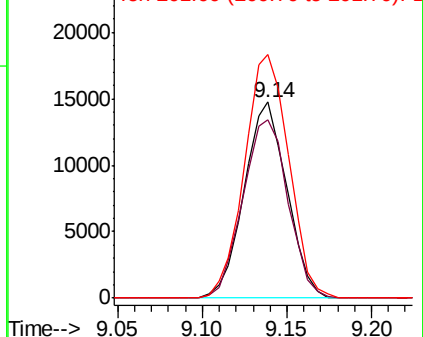
Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.9	73.8	110.8
201	127.9	89.4	134.0

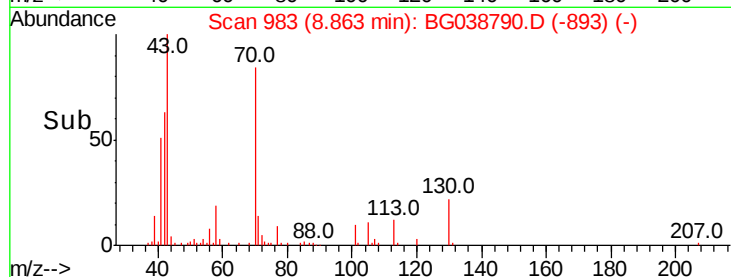
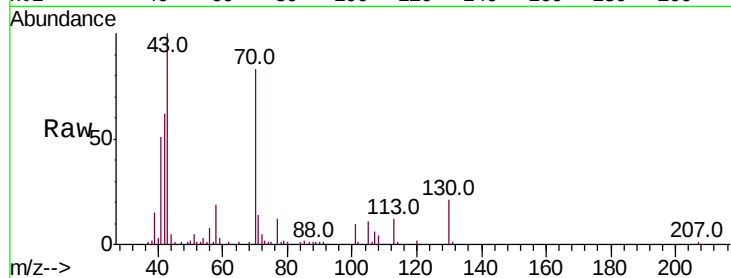
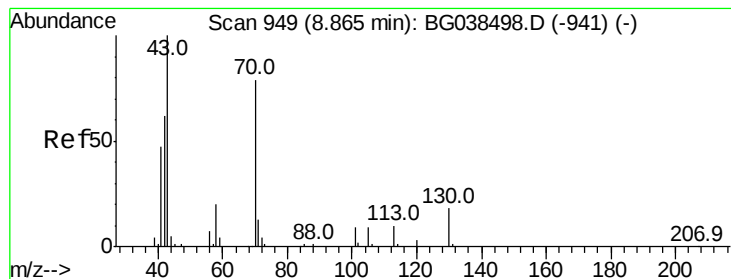
Abundance

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: 34.518 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB115909BS

Tot Ion: 70 Resp: 47665

Ion Ratio Lower Upper

70 100

42 75.2 63.6 95.4

101 11.5 9.2 13.8

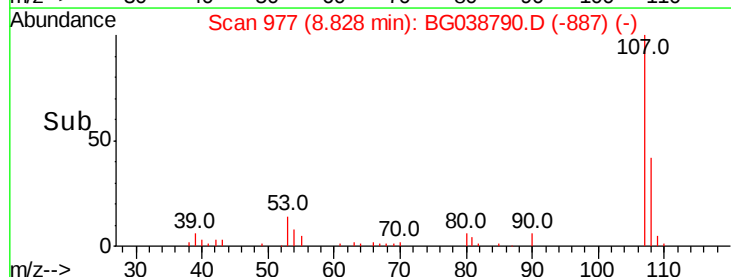
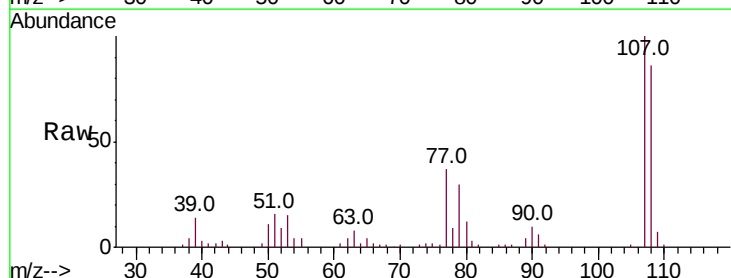
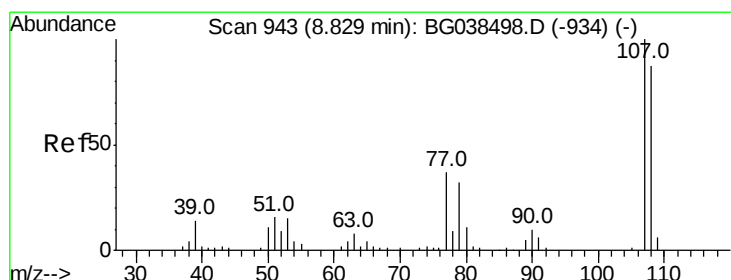
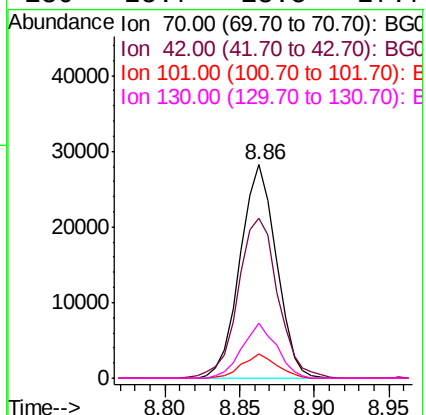
130 25.7 18.5 27.7

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#20

3+4-Methylphenols

Concen: 43.099 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Tgt Ion: 107 Resp: 83298

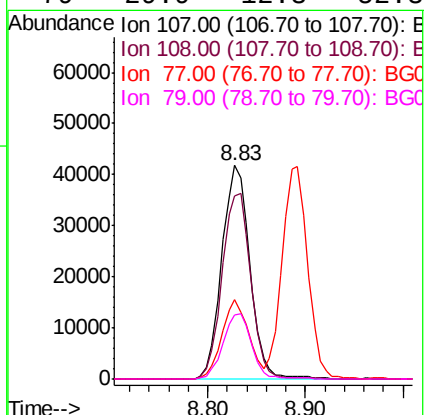
Ion Ratio Lower Upper

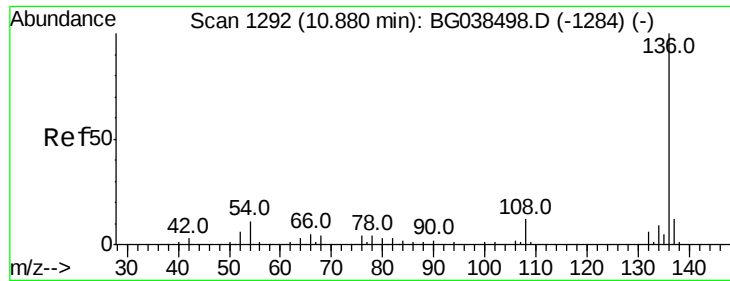
107 100

108 85.7 66.7 106.7

77 37.0 17.3 57.3

79 29.9 12.3 52.3





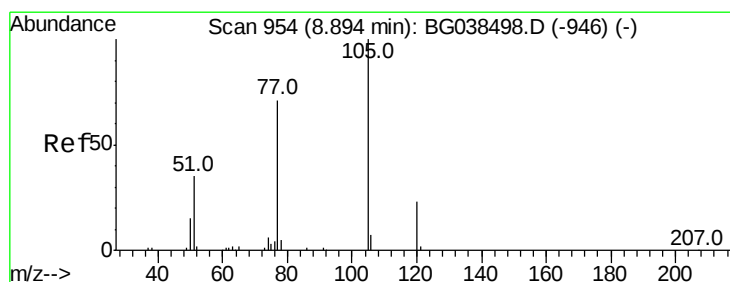
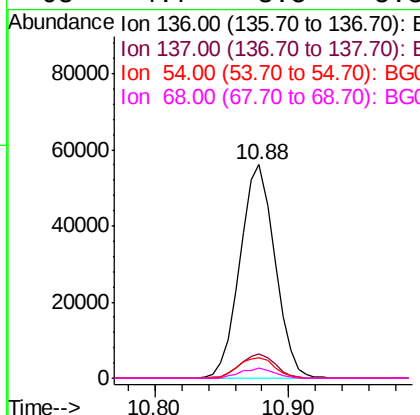
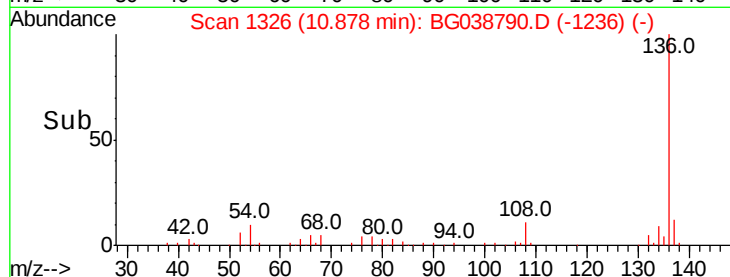
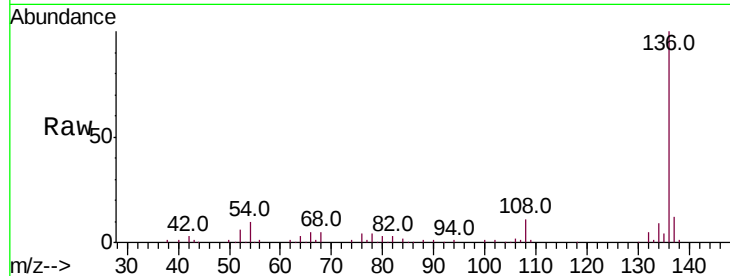
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	101543		
137	11.5	9.3	13.9	
54	9.9	8.5	12.7	
68	4.7	3.5	5.3	

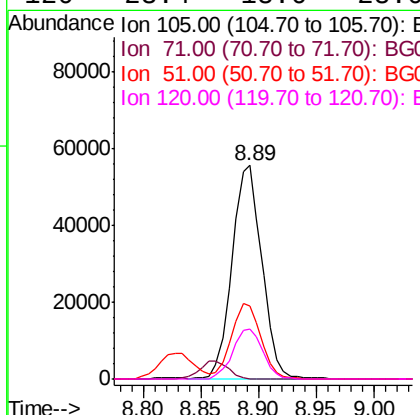
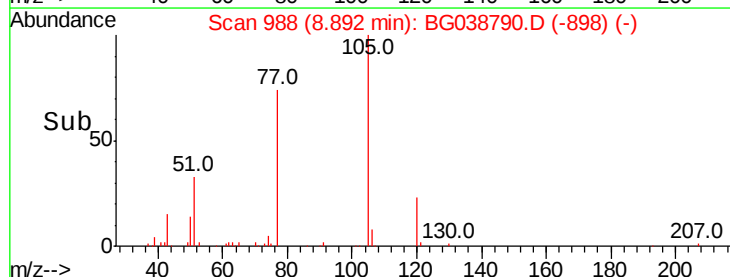
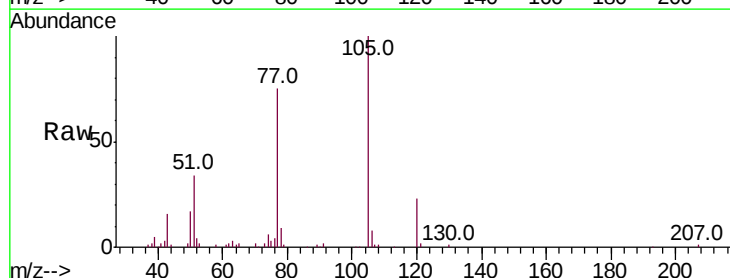
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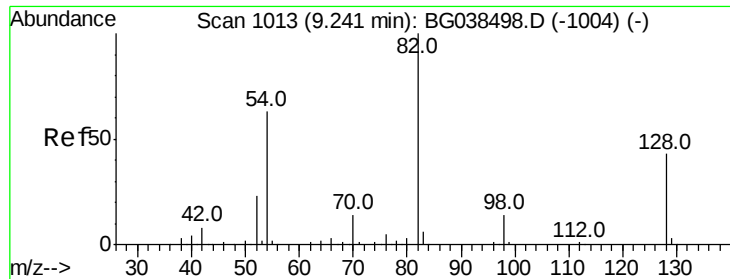
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#22
Acetophenone
Concen: 39.217 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	99467		
71	0.3	0.4	0.6#	
51	34.1	30.6	46.0	
120	23.4	18.6	28.0	





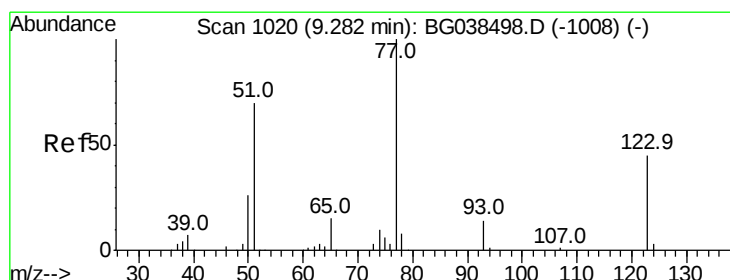
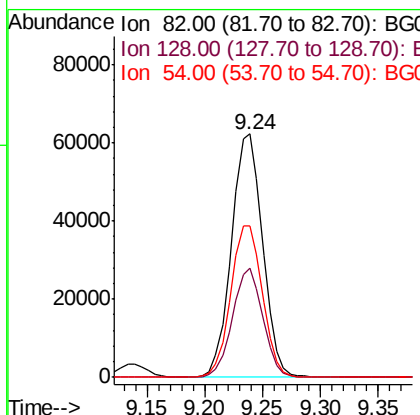
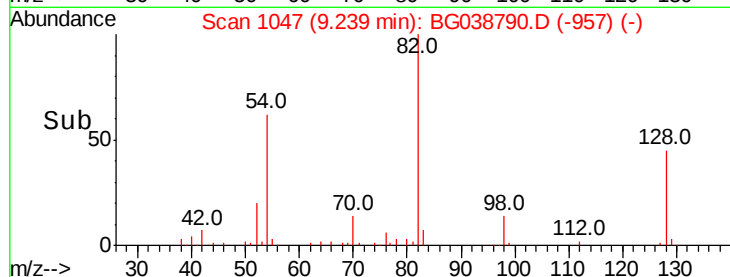
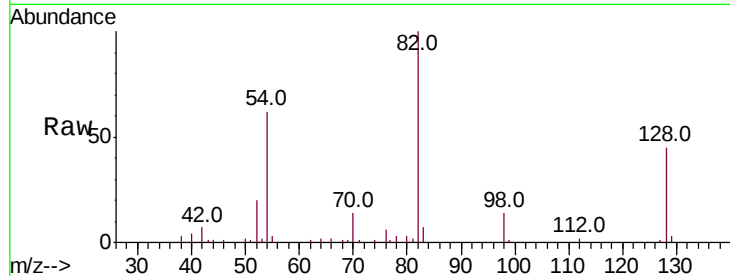
#23
 Nitrobenzene-d5
 Concen: 58.510 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	52.0
54	62.4	50.6	76.0

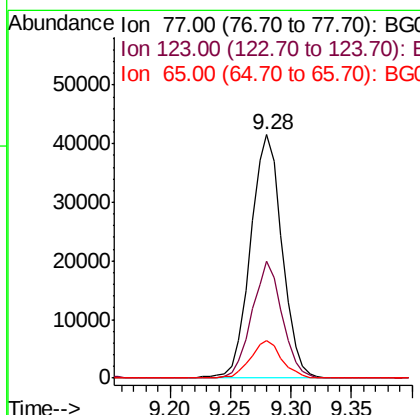
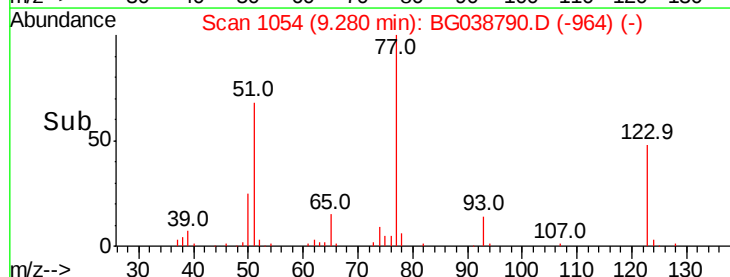
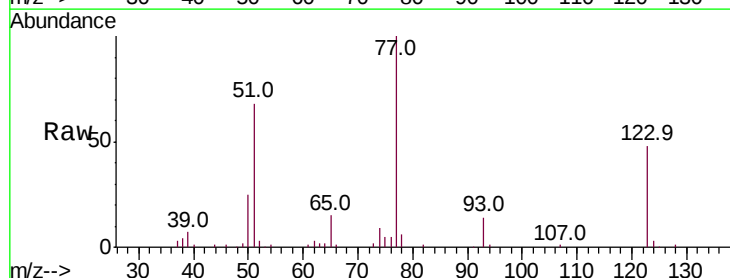
Manual Integrations
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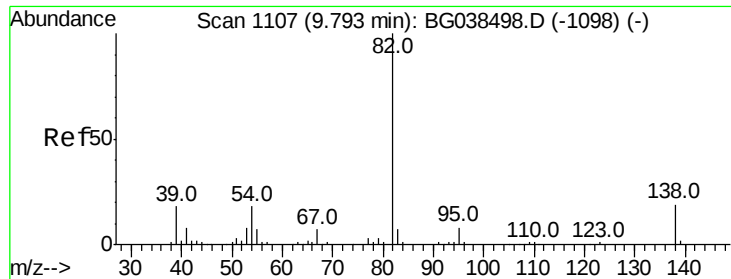
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#24
 Nitrobenzene
 Concen: 37.437 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	35.9	53.9
65	15.2	12.0	18.0





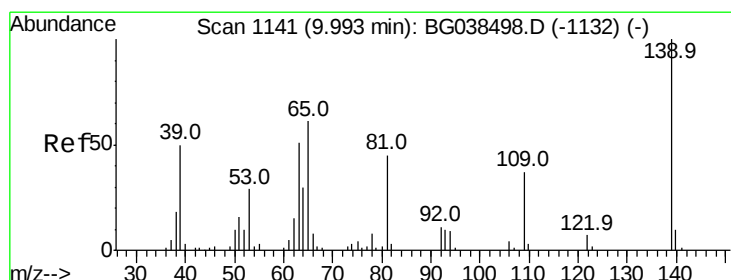
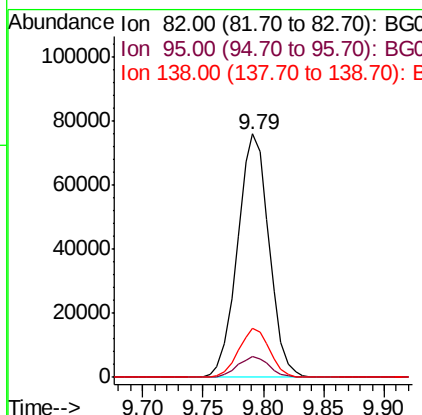
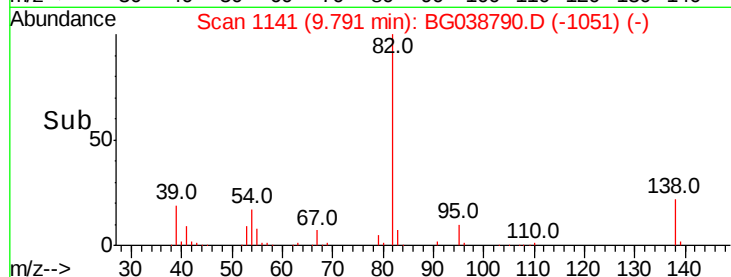
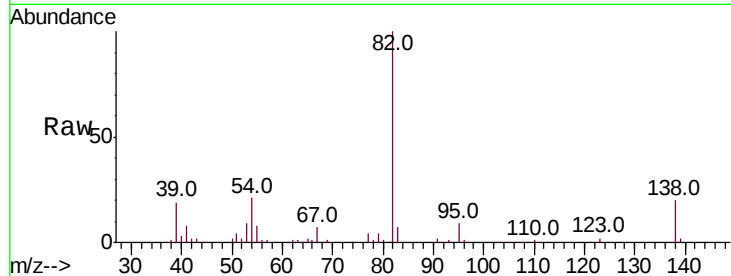
#25
Isophorone
Concen: 38.531 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.7	6.1	9.1
138	20.1	14.9	22.3

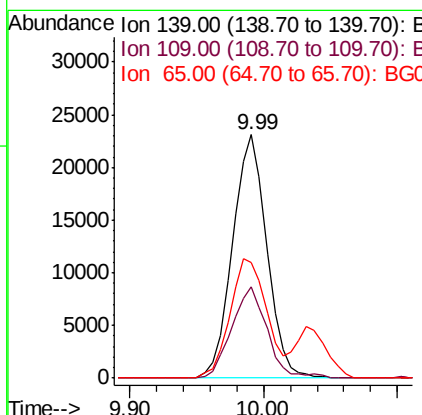
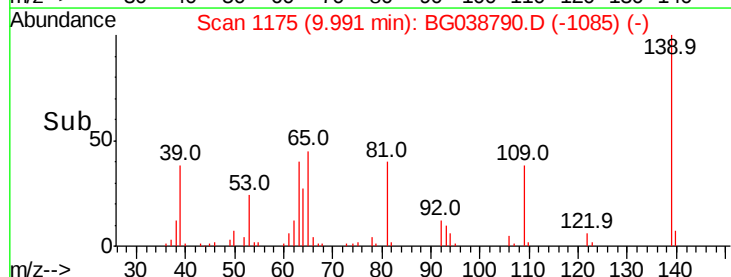
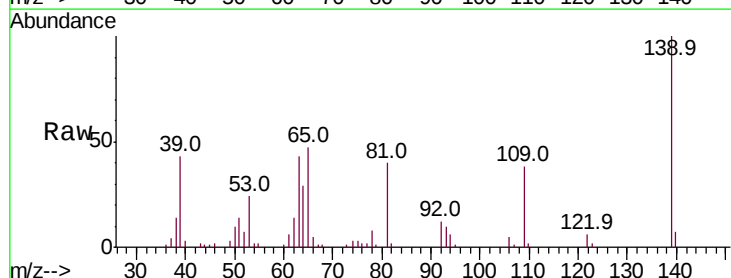
Manual Integrations
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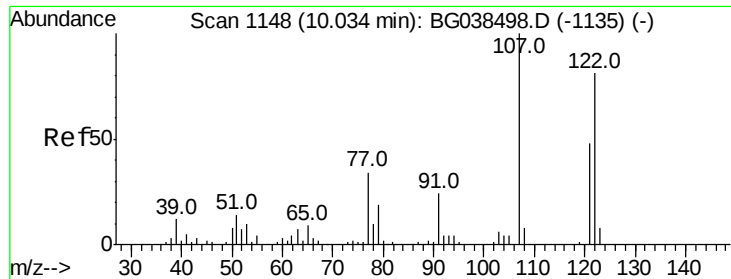
Sohil
12/26/2018 3:17:25 PM



#26
2-Nitrophenol
Concen: 39.941 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	37.6	29.5	44.3
65	47.5	48.5	72.7#





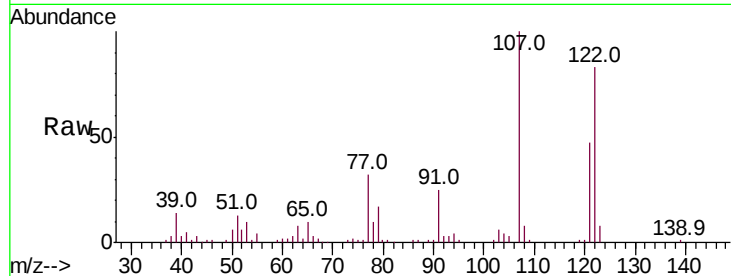
#27
2,4-Dimethylphenol
Concen: 48.810 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.1	98.4	147.6
121	56.6	47.2	70.8

Manual Integrations
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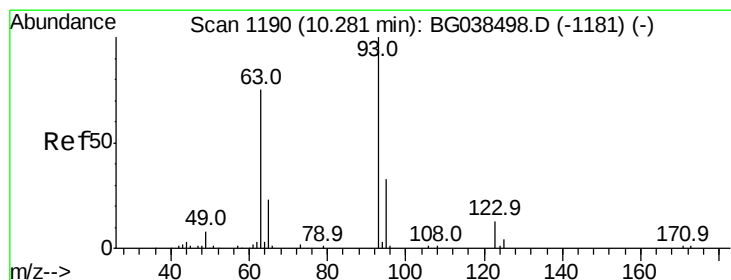
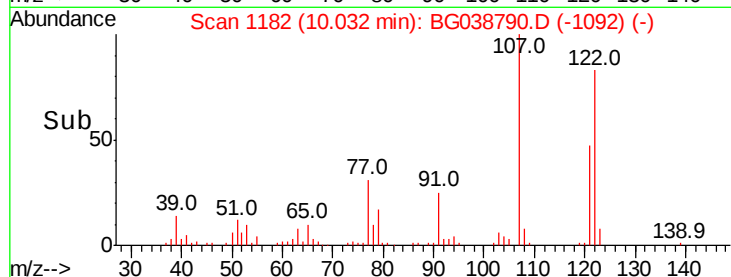
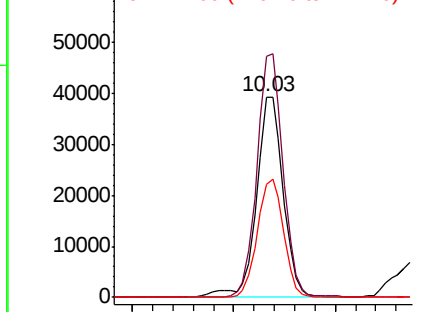


Abundance

Ion 122.00 (121.70 to 122.70): E

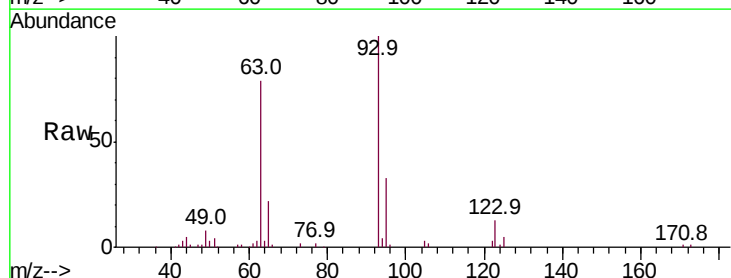
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 39.312 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.6	40.0
123	12.5	10.6	16.0

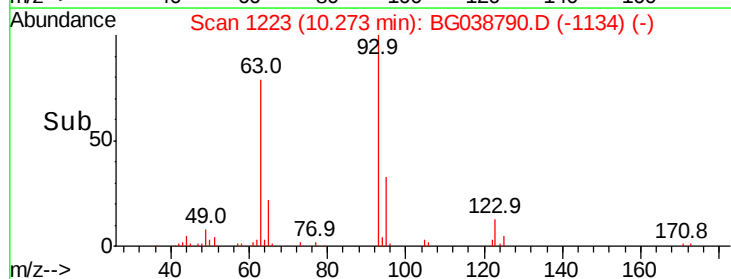
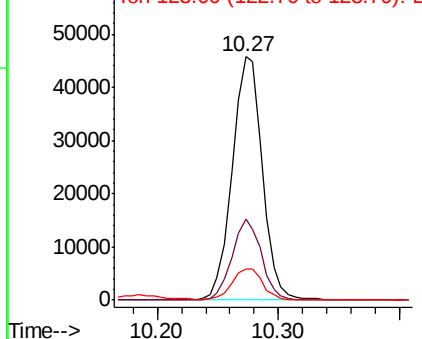


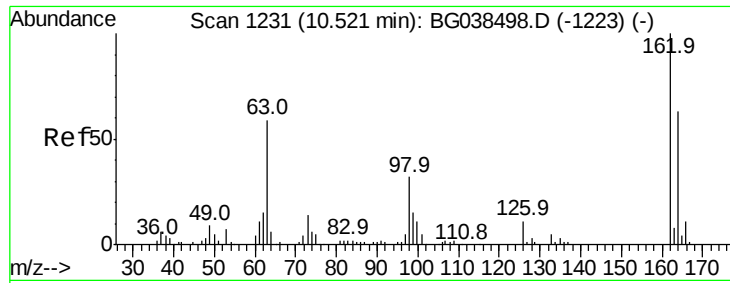
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





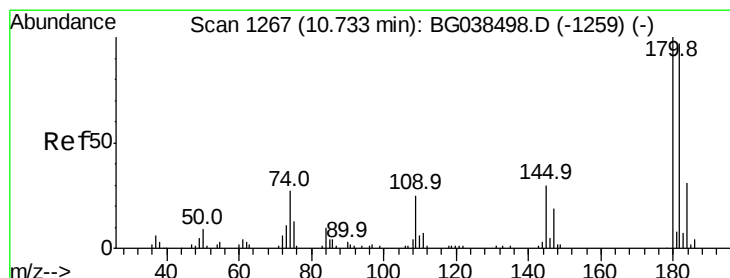
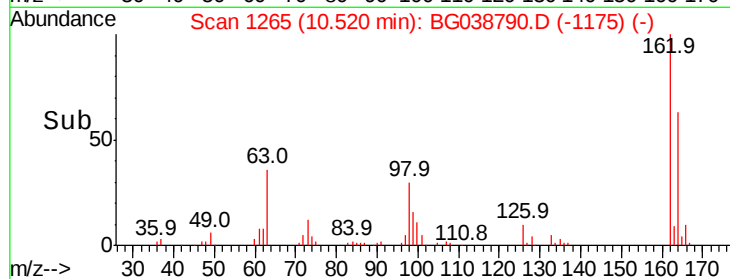
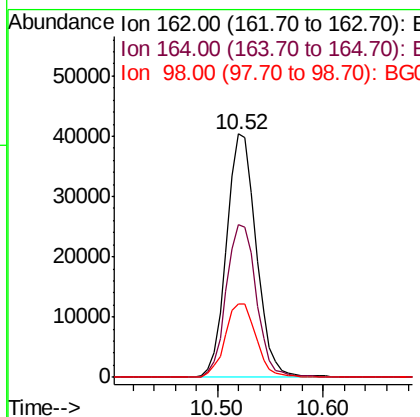
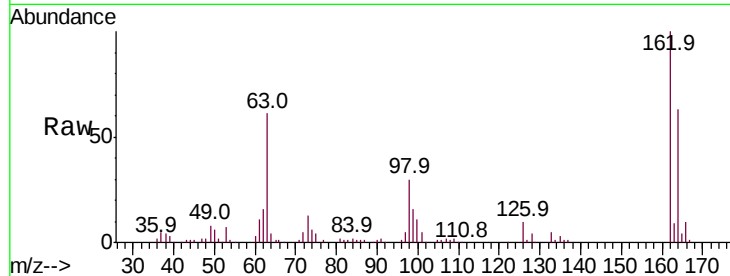
#29
 2,4-Dichlorophenol
 Concen: 47.796 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Instrument :
 BNA_G
 ClientSampleID :
 PB115909BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.6	42.9	82.9
98	30.3	12.1	52.1

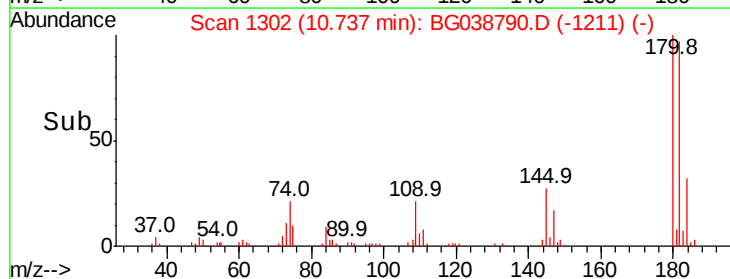
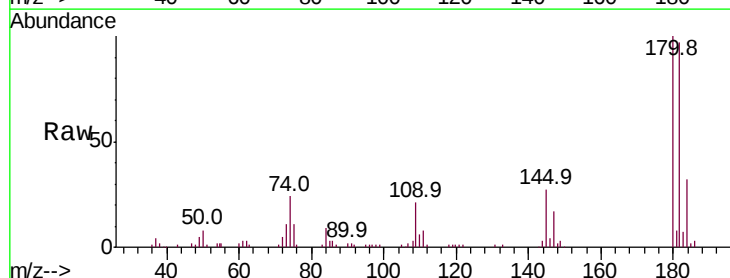
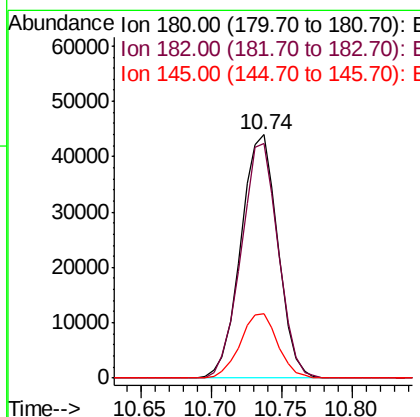
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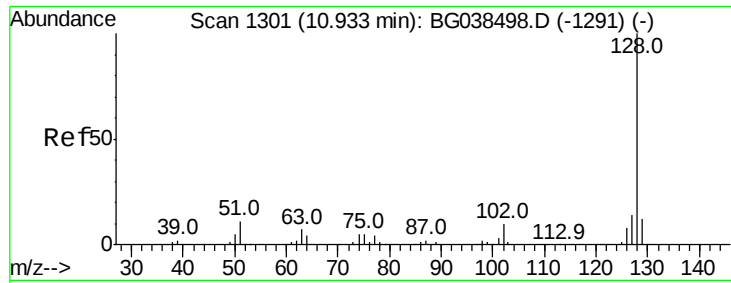
Sohil
 12/26/2018 3:17:25 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.741 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.6	77.4	116.0
145	26.6	24.1	36.1





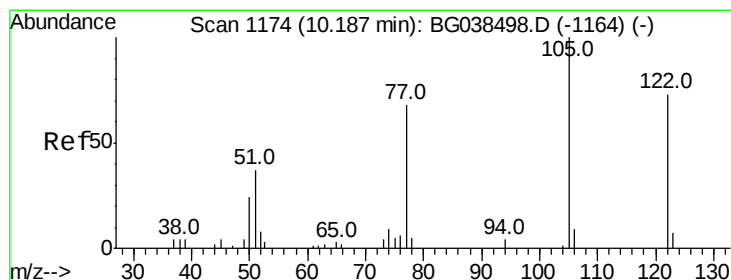
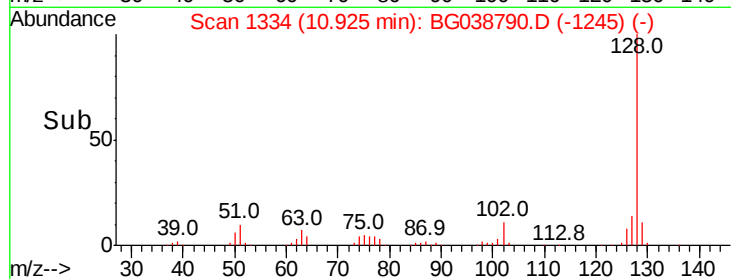
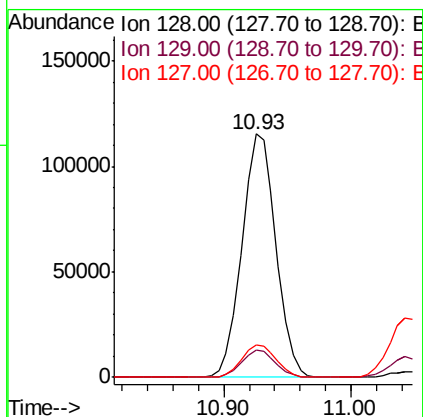
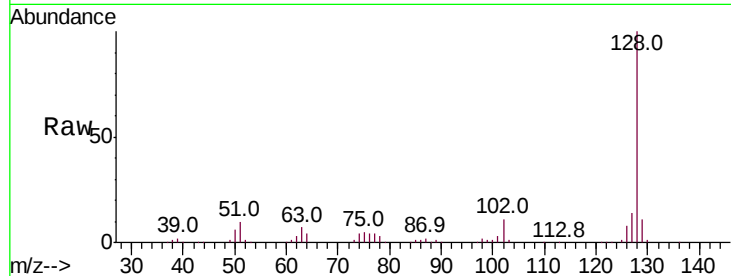
#31
Naphthalene
Concen: 42.722 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.5	14.3
127	13.6	10.9	16.3

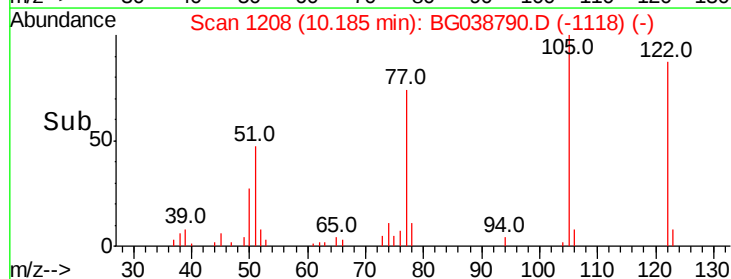
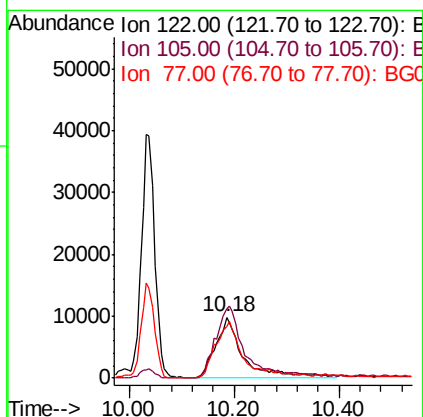
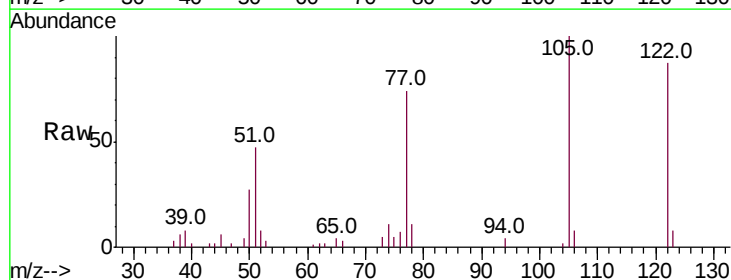
Manual Integrations
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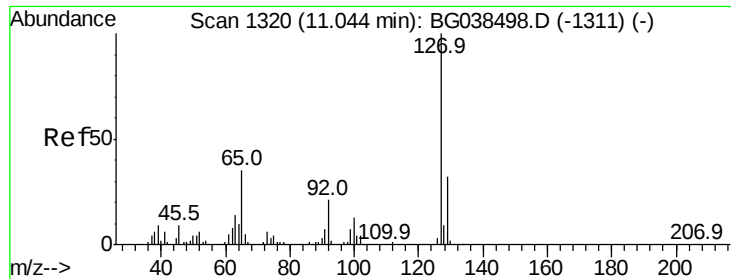
Sohil
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#32
Benzoic acid
Concen: 41.165 ng m
RT: 10.18 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.9	116.7	156.7#
77	85.1	72.5	112.5





#33

4-Chloroaniline

Concen: 26.819 ng

RT: 11.04 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BG038790.D

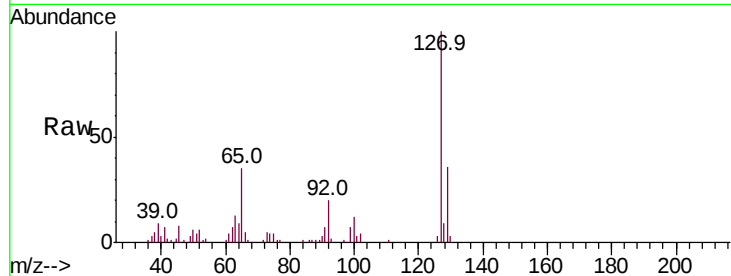
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	36.2	25.8	38.8	
65	35.4	27.8	41.6	
92	19.8	17.0	25.6	

Manual Integrations
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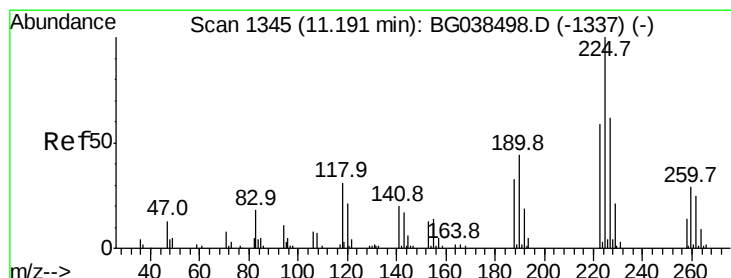
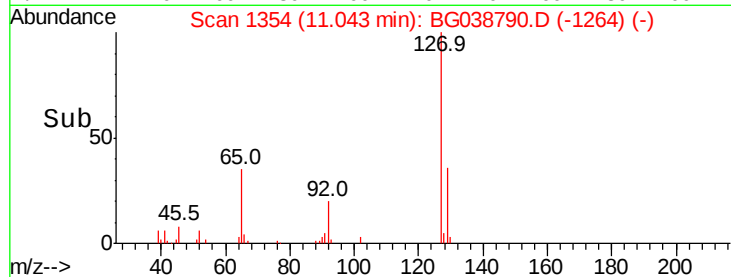
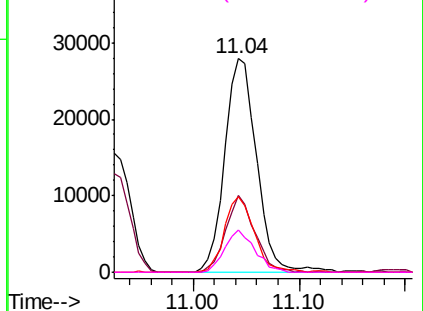
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG0

Ion 92.00 (91.70 to 92.70): BG0



#34

Hexachlorobutadiene

Concen: 41.390 ng

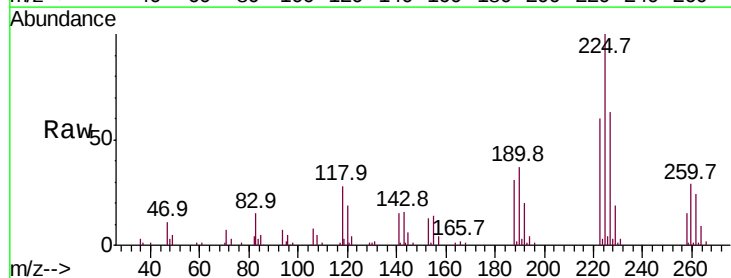
RT: 11.19 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.6	45.0	67.6	
227	62.8	50.6	75.8	

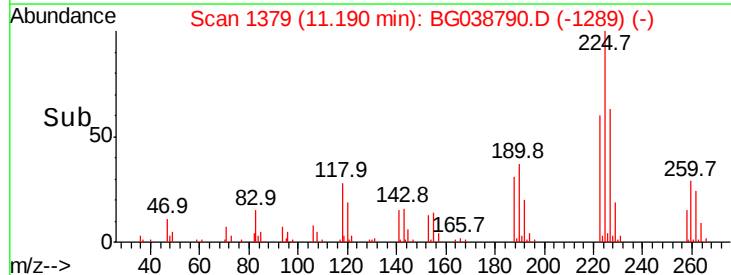
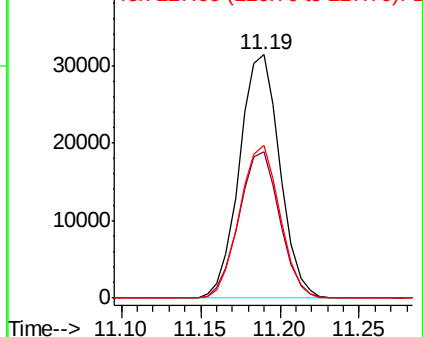


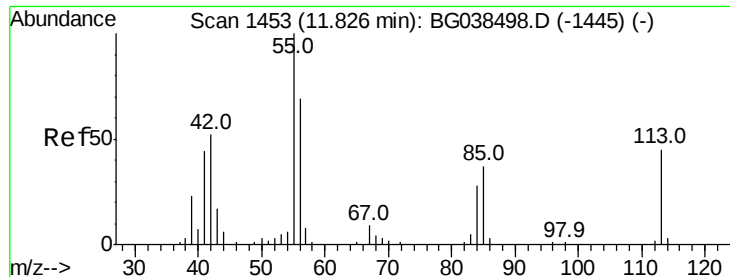
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.074 ng

RT: 11.84 min Scan# 1489

Delta R.T. 0.01 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

ClientSampled :

PB115909BS

Tot Ion:113 Resp: 24496

Ion Ratio Lower Upper

113 100

55 193.2 204.3 244.3#

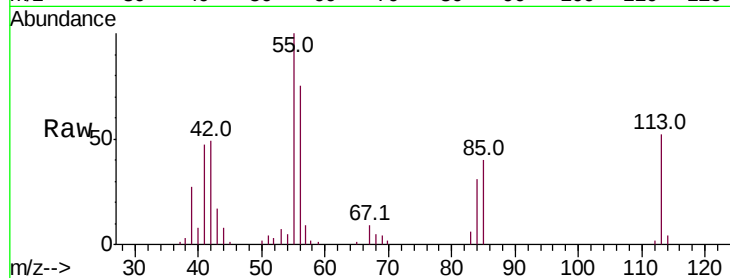
56 145.7 135.0 175.0

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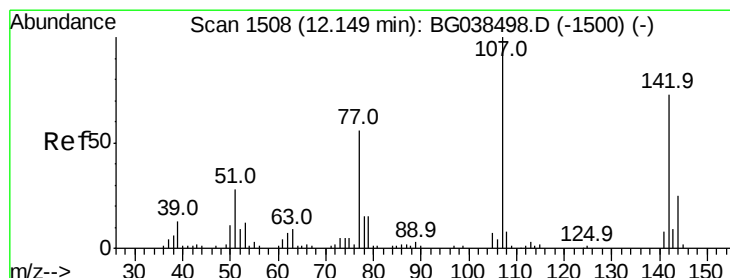
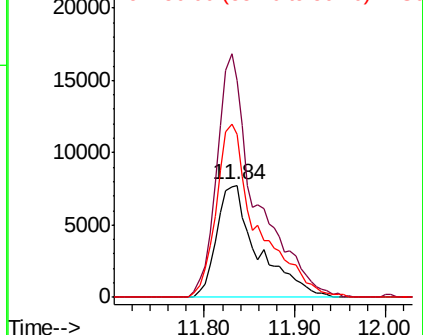
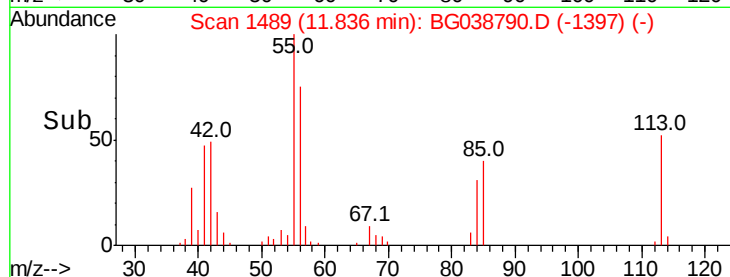
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.201 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

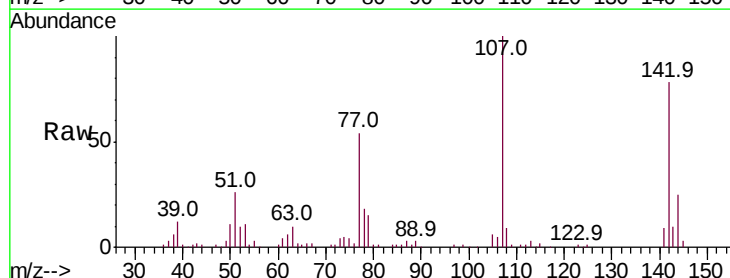
Tgt Ion:107 Resp: 79021

Ion Ratio Lower Upper

107 100

144 25.1 20.1 30.1

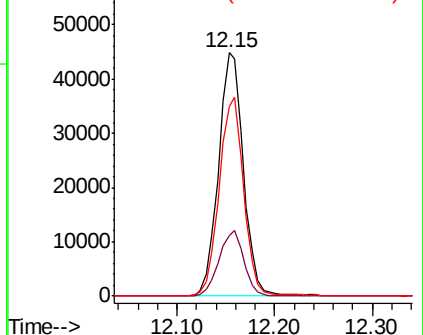
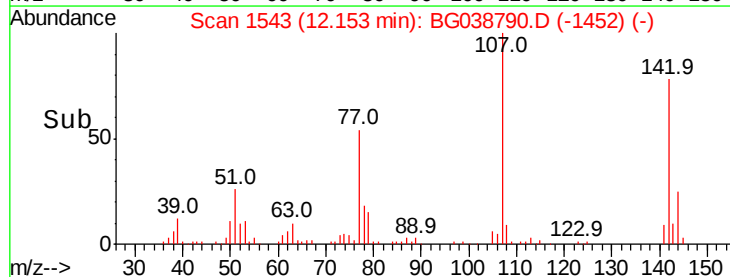
142 78.2 58.7 88.1

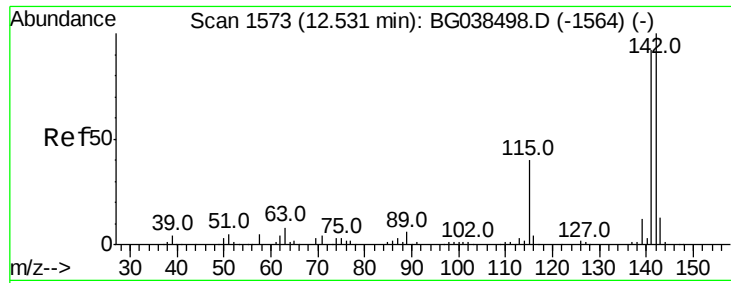


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





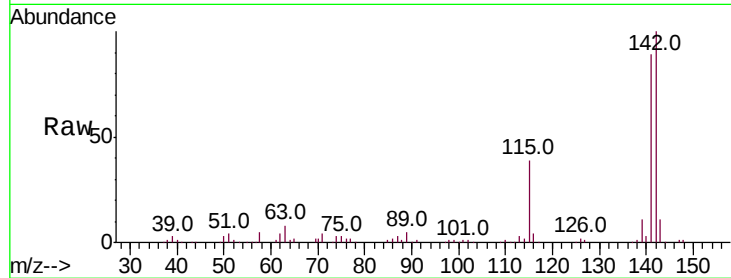
#37
2-Methylnaphthalene
Concen: 46.174 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.5	110.3
115	39.1	31.7	47.5

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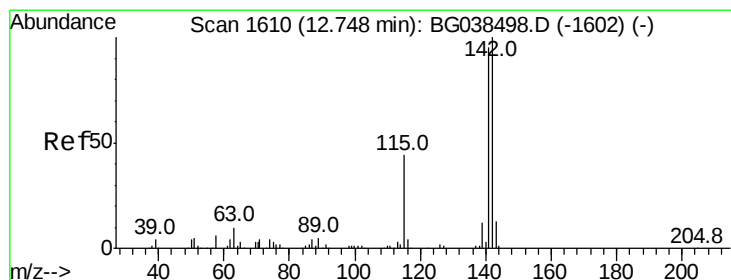
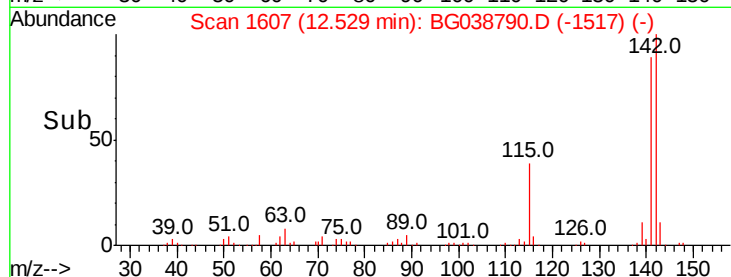
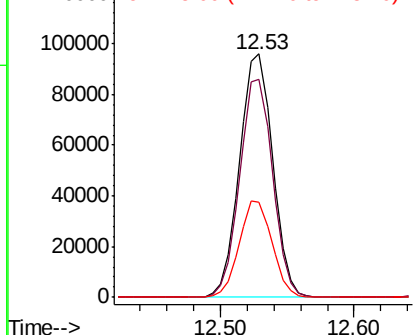


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.226 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

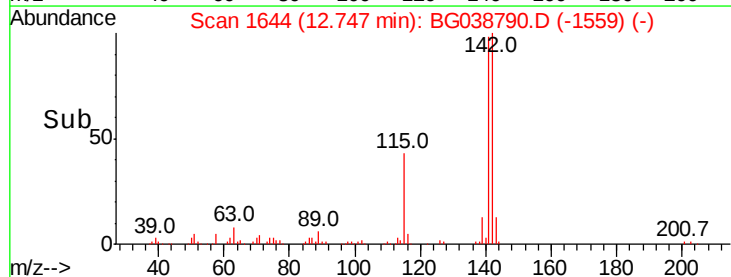
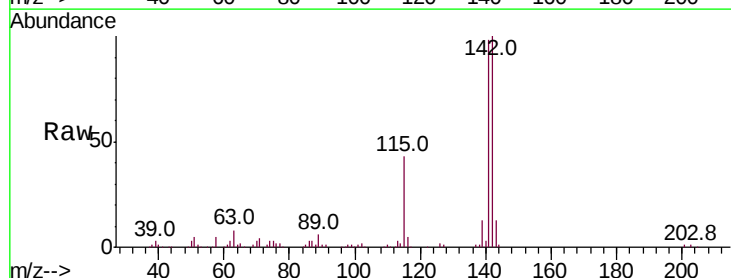
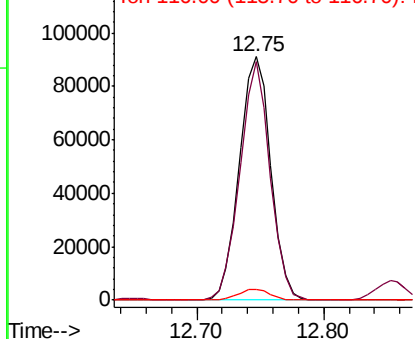
Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.0	75.8	113.8
116	4.6	3.6	5.4

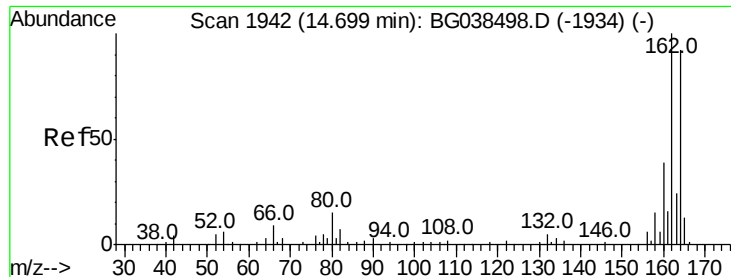
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





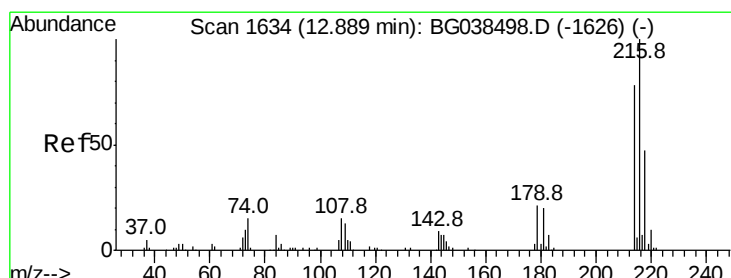
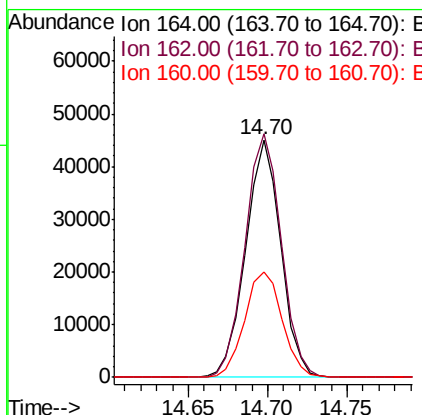
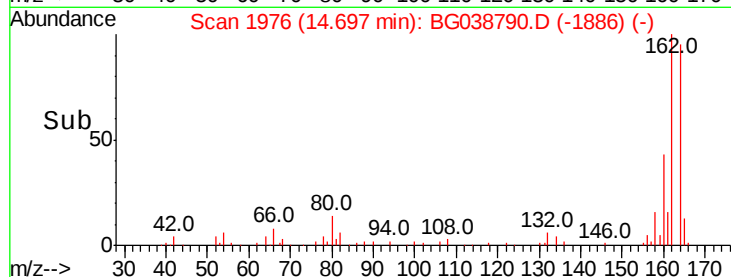
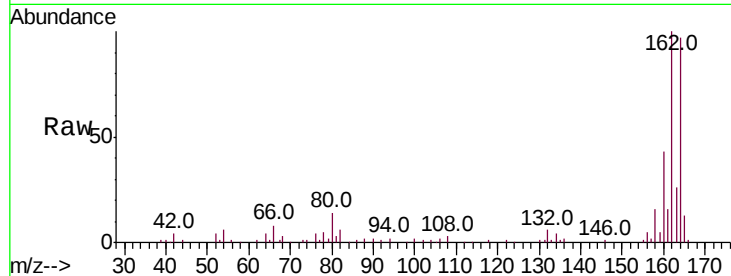
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.6	130.0
160	44.4	34.2	51.2

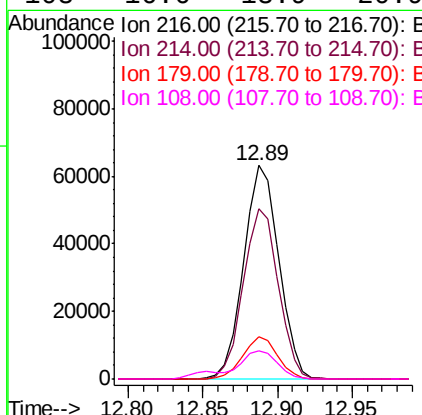
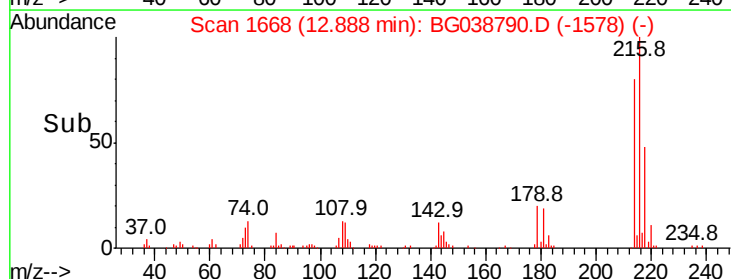
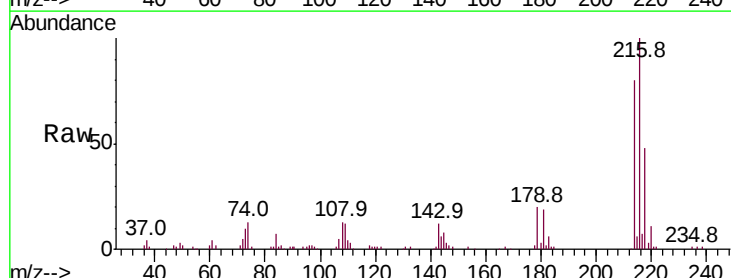
Manual Integrations
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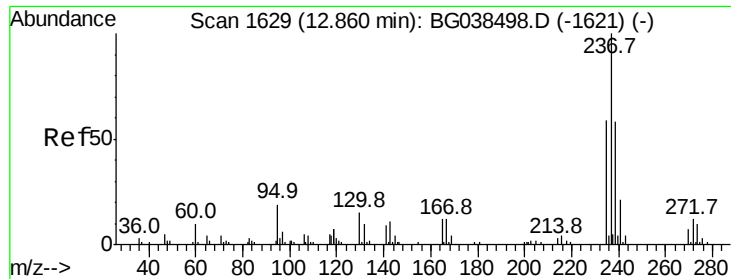
Sohil
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.702 ng
 RT: 12.89 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	64.1	96.1
179	19.5	16.4	24.6
108	16.6	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 81.803 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

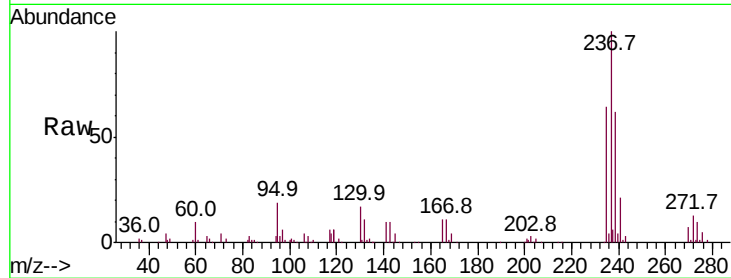
ClientSampleId :

PB115909BS

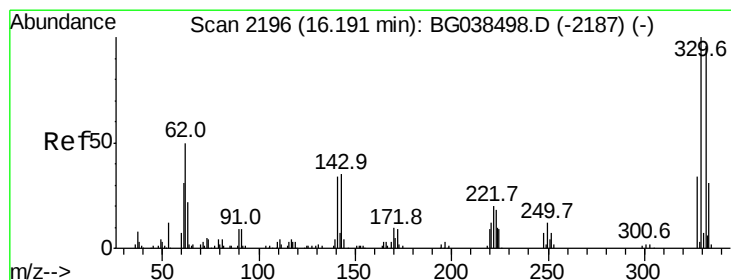
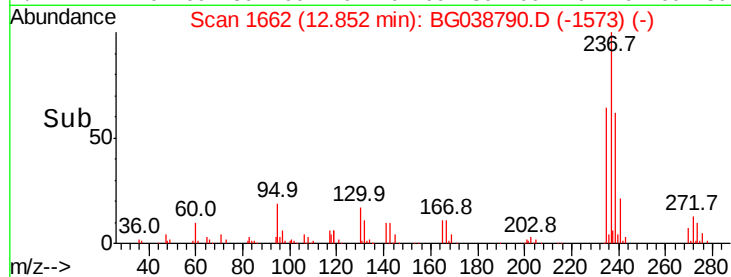
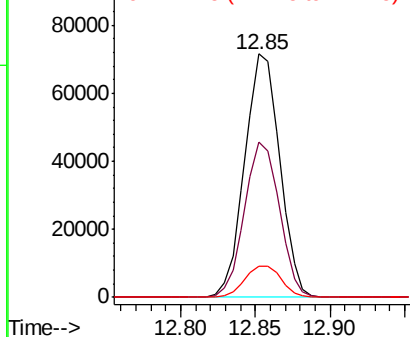
Tot Ion:	237	Resp:	116543
Ion Ratio	Lower	Upper	
237	100		
235	63.7	38.8	78.8
272	12.7	0.0	32.0

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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: 123.881 ng

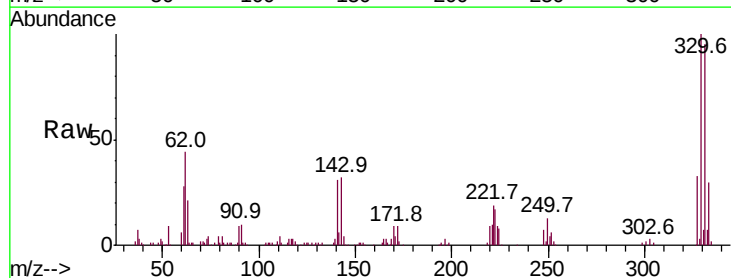
RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

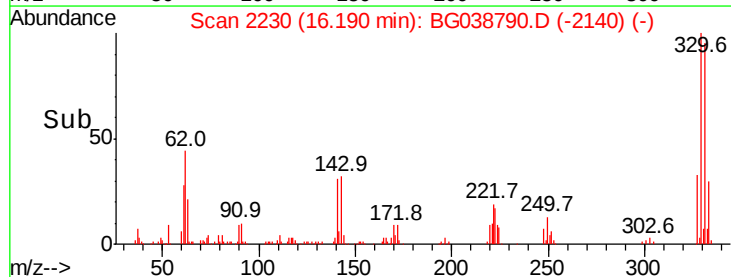
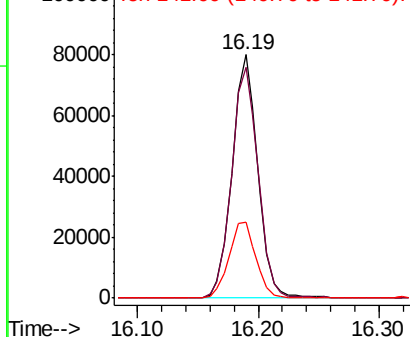
Lab File: BG038790.D

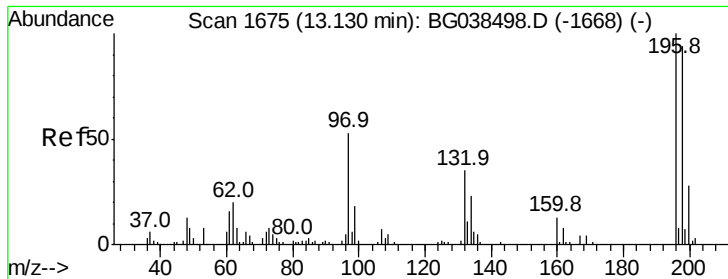
Acq: 21 Dec 2018 17:29

Tgt Ion:	330	Resp:	118442
Ion Ratio	Lower	Upper	
330	100		
332	98.2	76.9	115.3
141	32.8	28.8	43.2



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





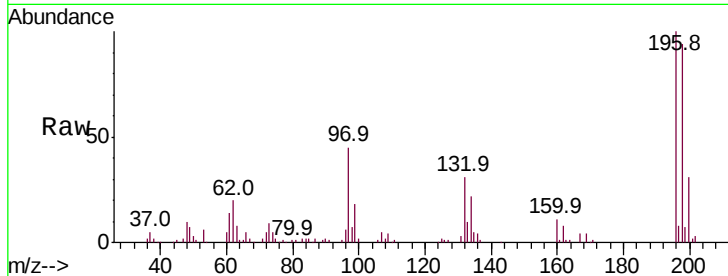
#43
 2,4,6-Trichlorophenol
 Concen: 45.159 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.5	75.0	112.4
200	30.8	22.4	33.6

Manual Integrations
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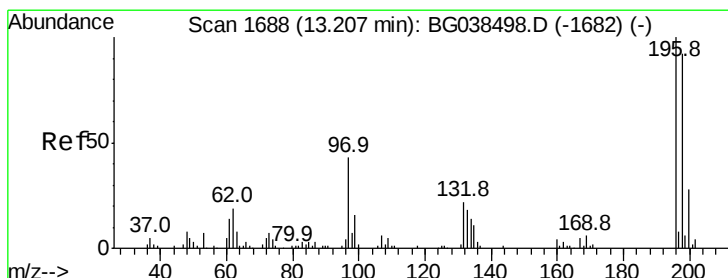
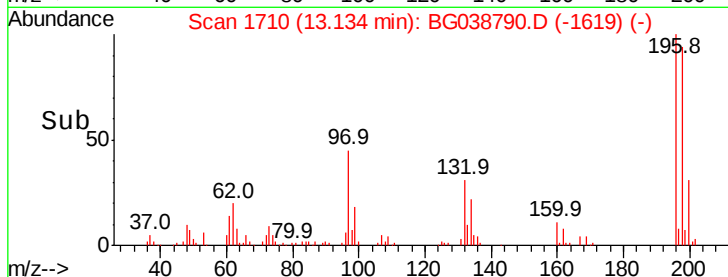
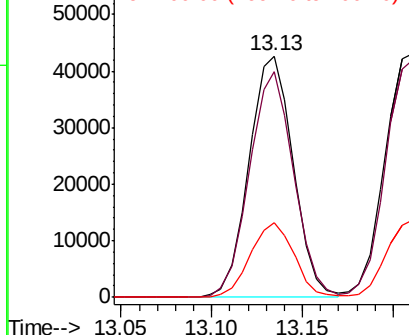


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 46.419 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	74.0	111.0
97	41.7	35.1	52.7
132	22.0	18.0	27.0

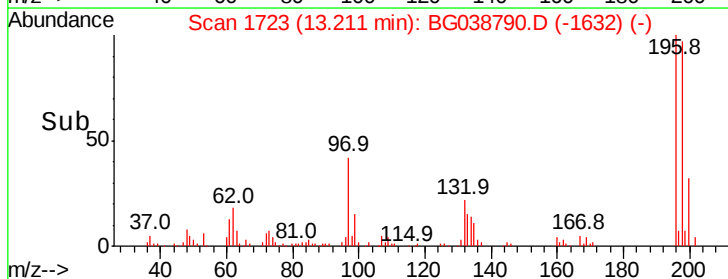
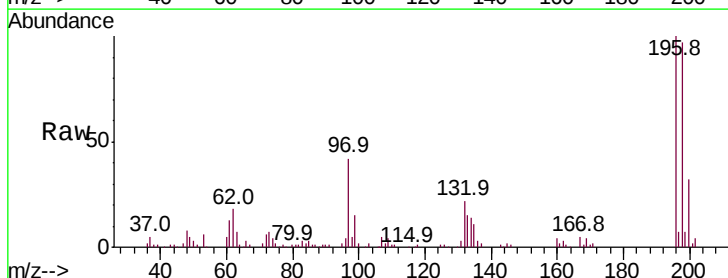
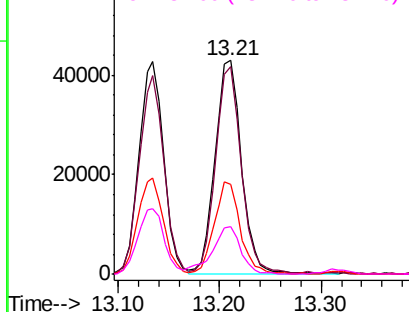
Abundance

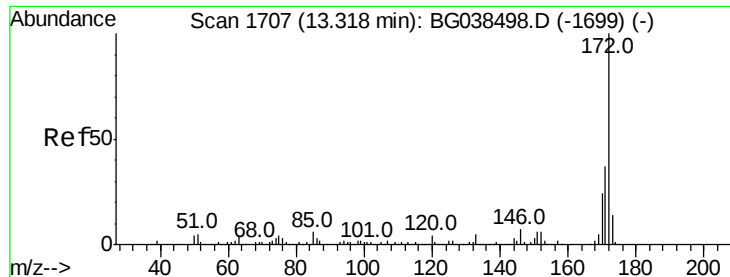
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





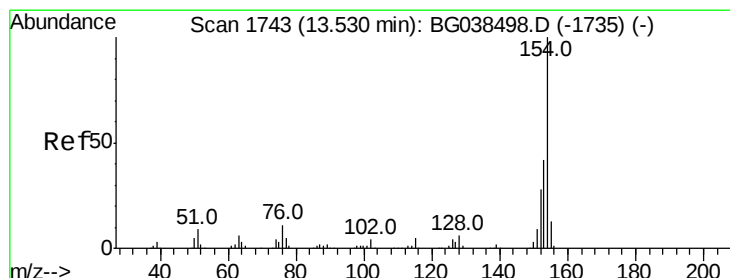
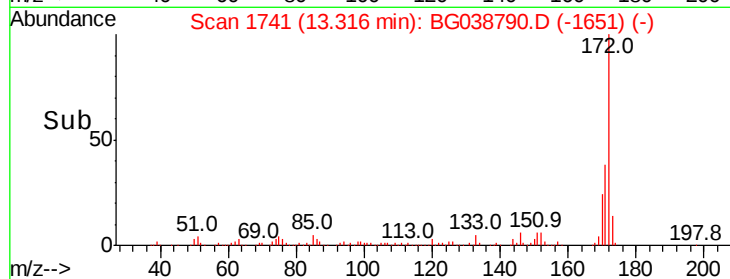
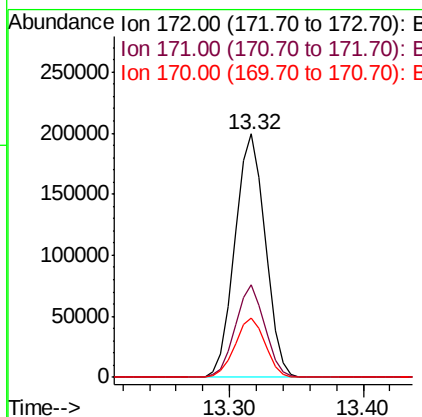
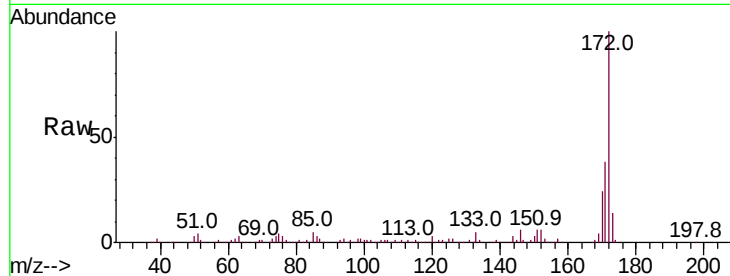
#45
2-Fluorobiphenyl
Concen: 61.954 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.8	29.8	44.6	
170	24.3	19.5	29.3	

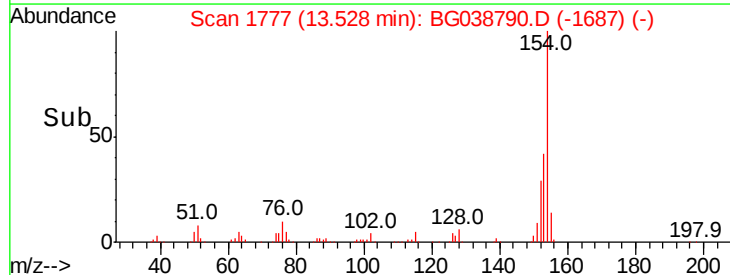
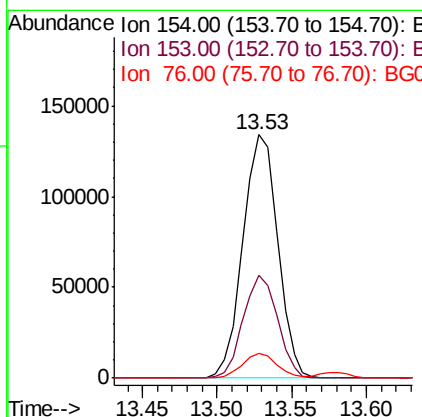
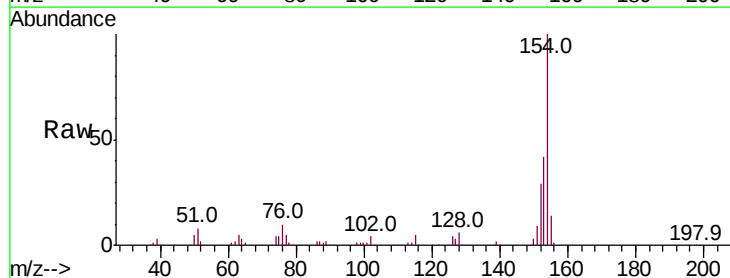
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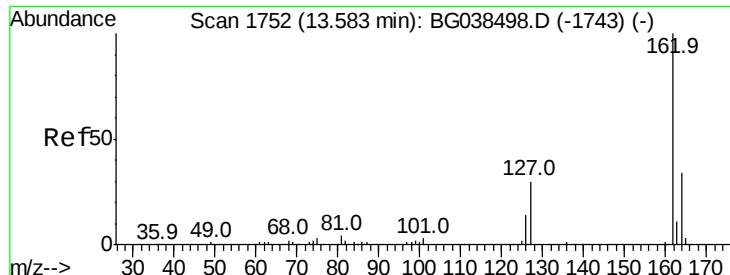
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#46
1,1'-Biphenyl
Concen: 37.243 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.1	22.1	62.1	
76	10.3	0.0	31.2	





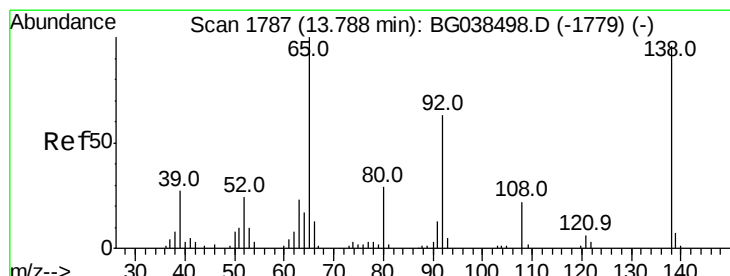
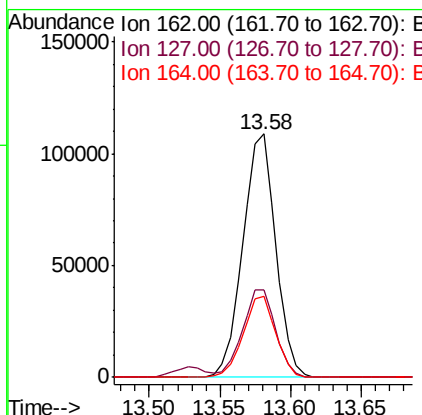
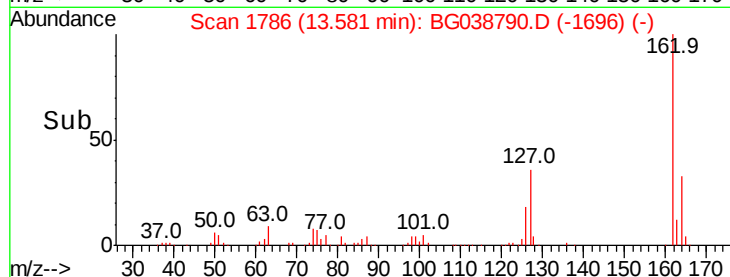
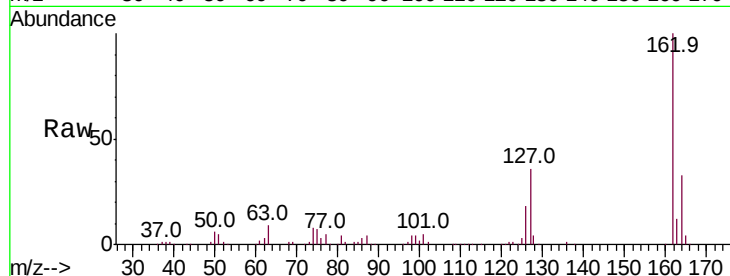
#47
 2-Chloronaphthalene
 Concen: 39.539 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Instrument :
 BNA_G
 ClientSampleID :
 PB115909BS

Tot Ion:162	Resp:	177624
Ion Ratio	Lower	Upper
162	100	
127	35.8	27.8 41.8
164	33.4	26.9 40.3

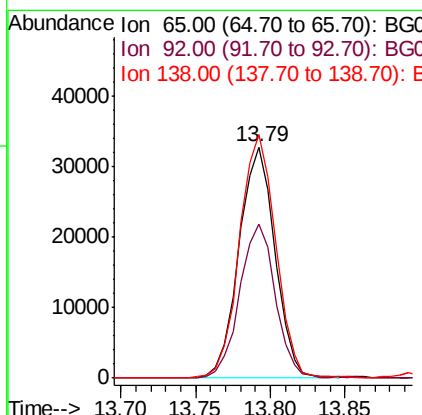
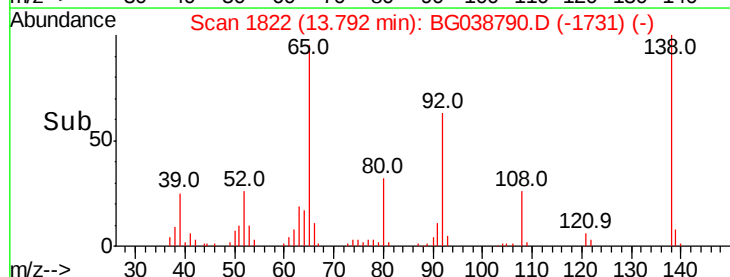
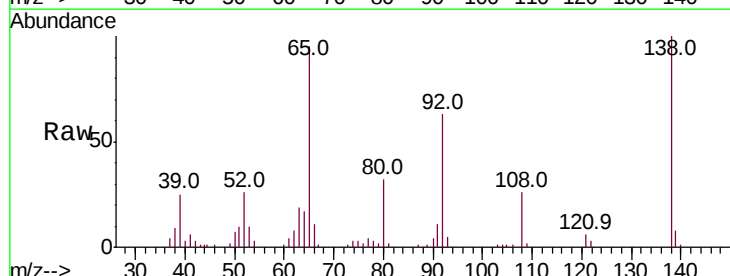
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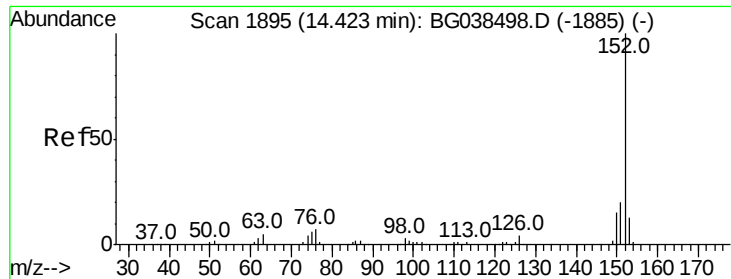
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#48
 2-Nitroaniline
 Concen: 38.276 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion: 65	Resp:	54770
Ion Ratio	Lower	Upper
65	100	
92	66.6	50.0 75.0
138	105.3	76.9 115.3





#49

Acenaphthylene

Concen: 42.682 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

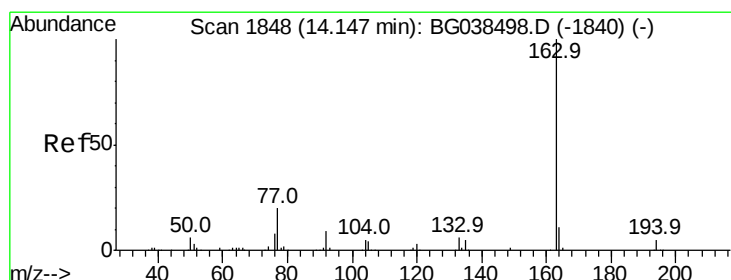
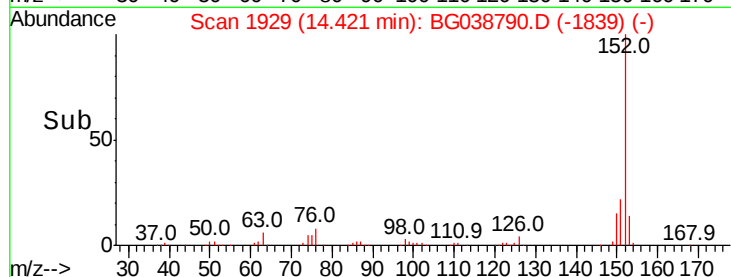
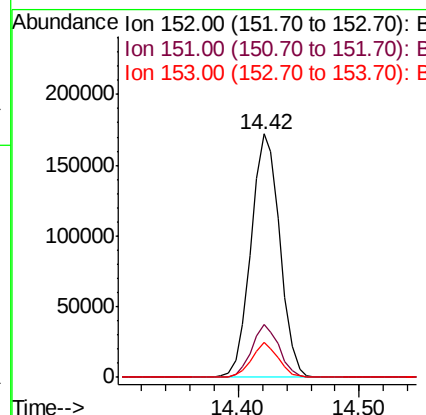
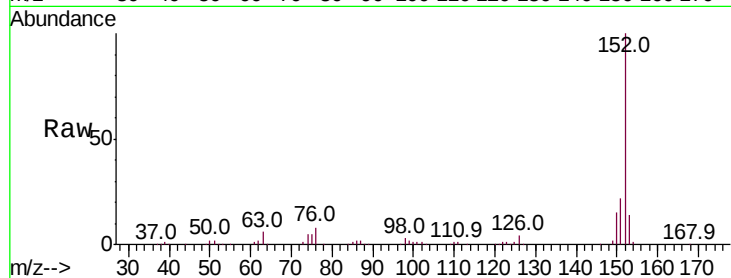
ClientSampleId :

PB115909BS

Tot Ion:	152	Resp:	286646
Ion Ratio	Lower	Upper	
152	100		
151	21.9	16.4	24.6
153	14.2	10.4	15.6

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#50

Dimethylphthalate

Concen: 40.667 ng

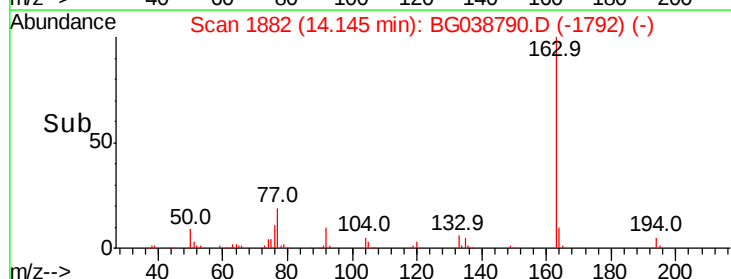
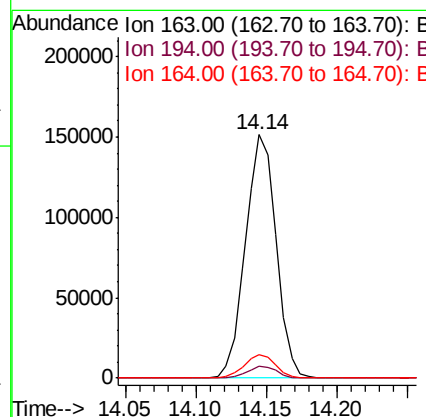
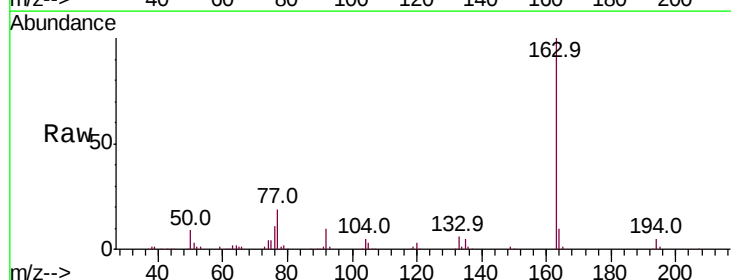
RT: 14.14 min Scan# 1882

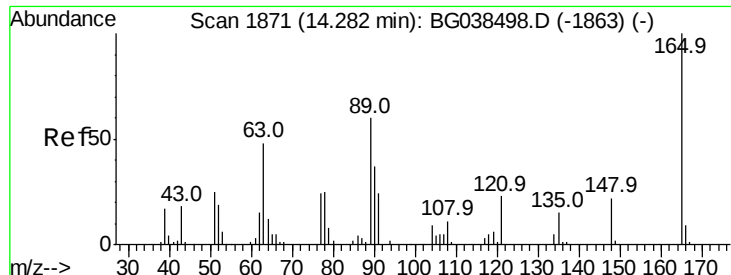
Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Tgt Ion:	163	Resp:	230392
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.7	5.5
164	9.7	8.6	12.8





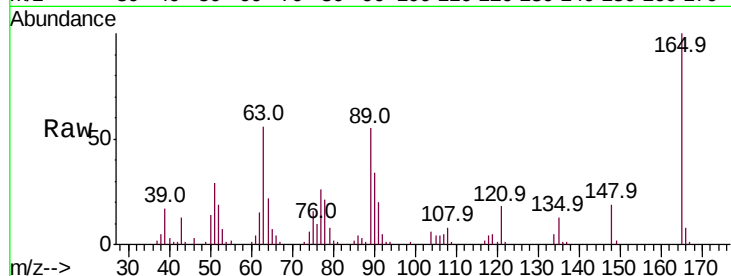
#51
 2,6-Dinitrotoluene
 Concen: 40.374 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Instrument :
 BNA_G
 ClientSampleID :
 PB115909BS

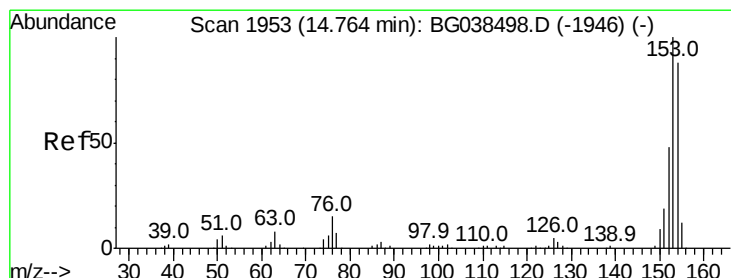
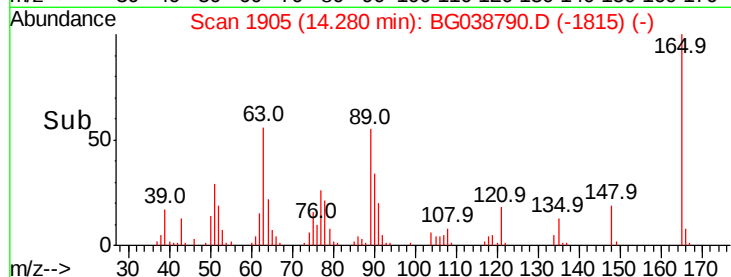
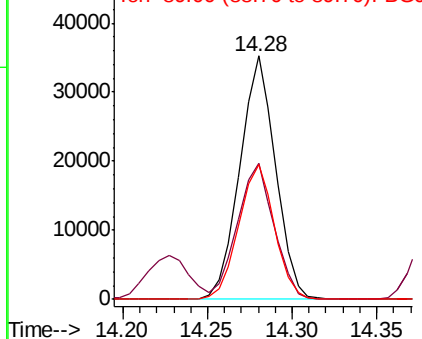
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	55.6	51.8	77.6
89	55.3	47.9	71.9

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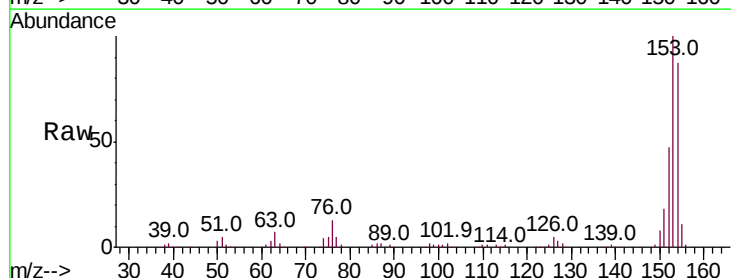


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

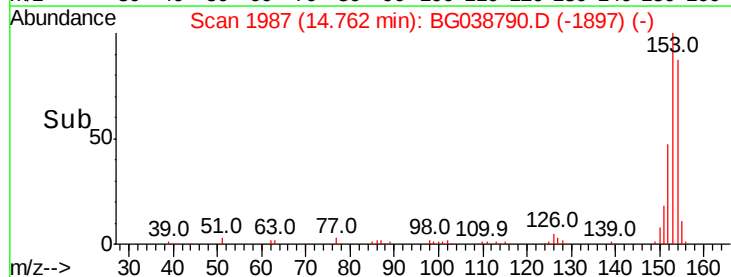
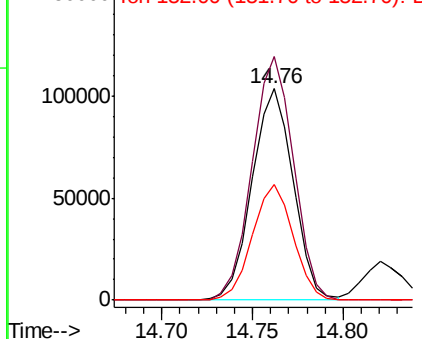


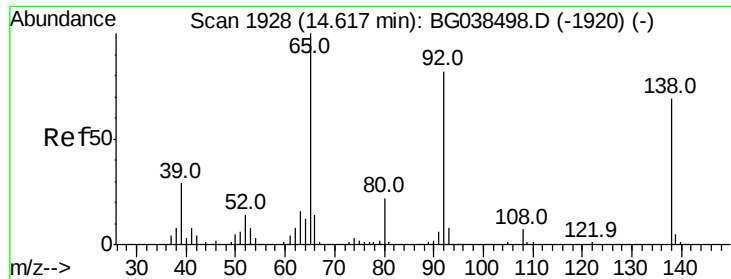
#52
 Acenaphthene
 Concen: 40.749 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	115.1	90.6	136.0
152	54.5	43.5	65.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





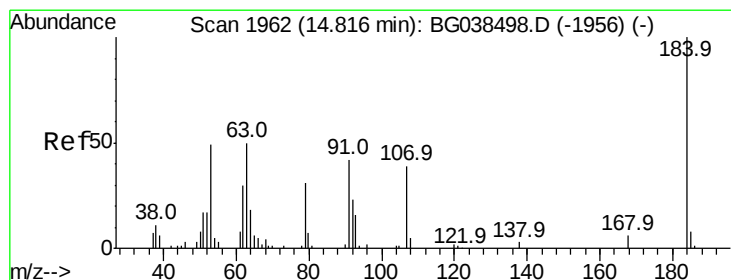
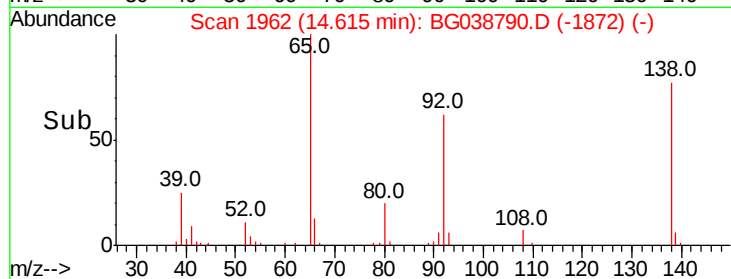
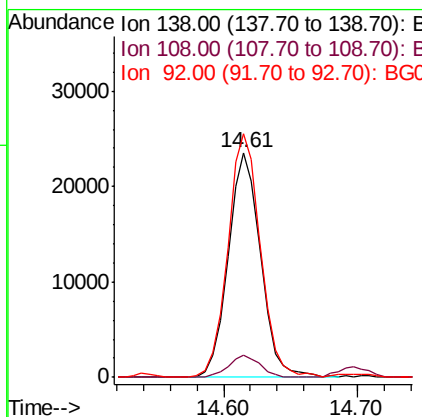
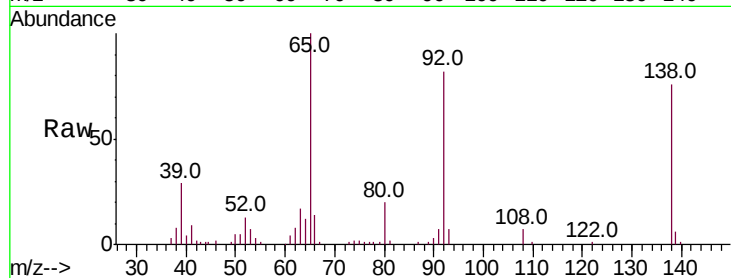
#53
3-Nitroaniline
Concen: 30.394 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.9	11.9
92	108.4	95.3	142.9

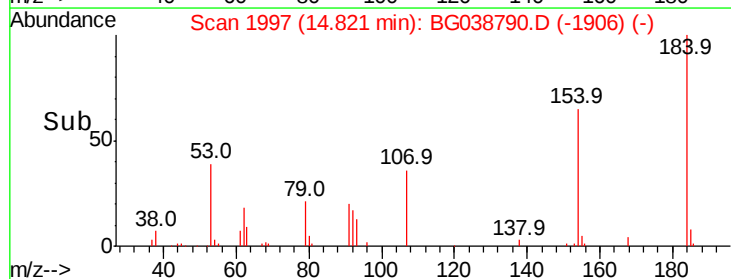
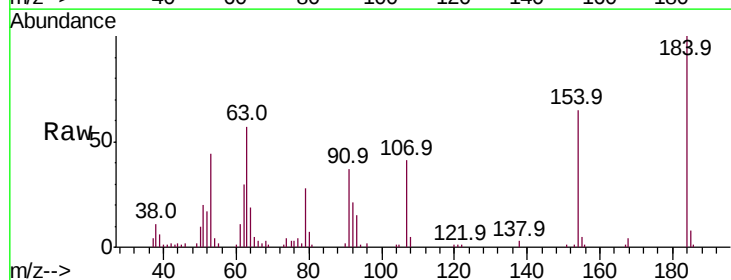
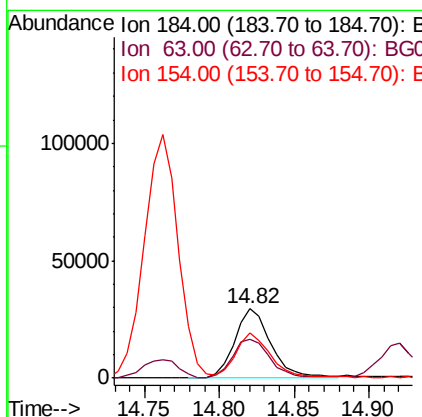
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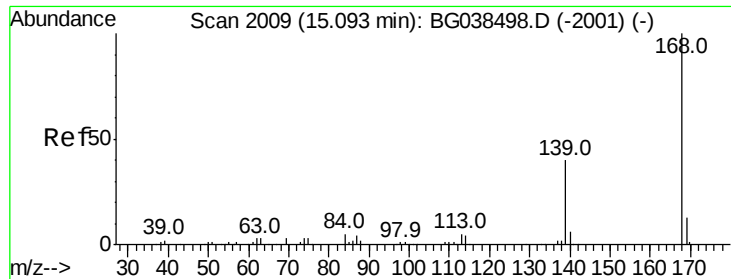
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#54
2,4-Dinitrophenol
Concen: 66.347 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.7	47.0	70.6
154	64.6	50.3	75.5





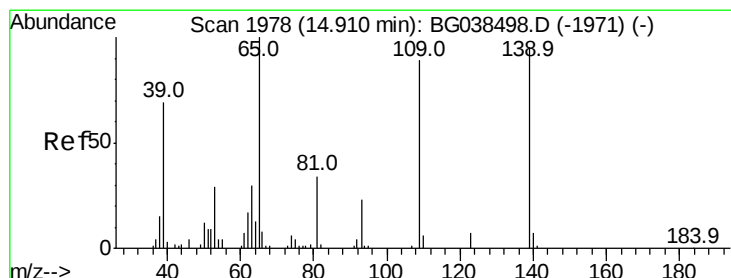
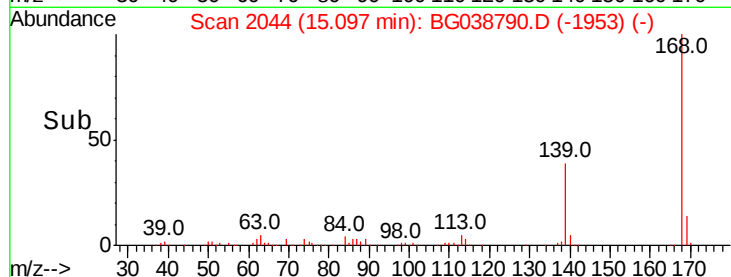
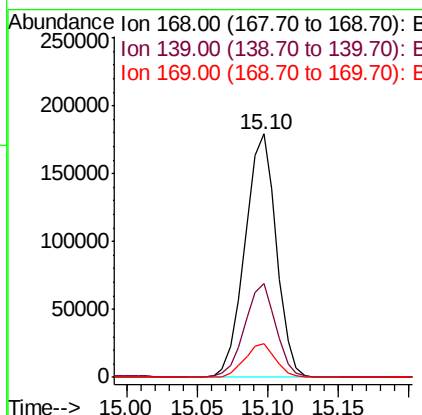
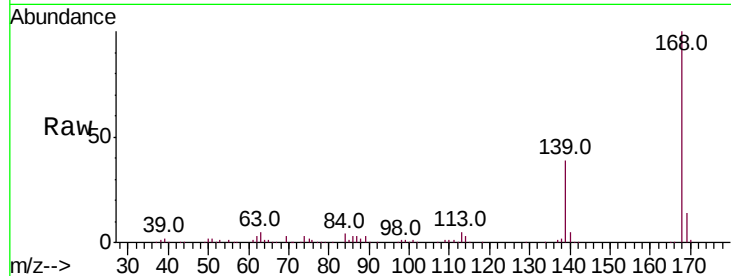
#55
Dibenzenofuran
Concen: 40.553 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	279159		
139	38.7		32.2	48.2
169	13.6		10.6	16.0

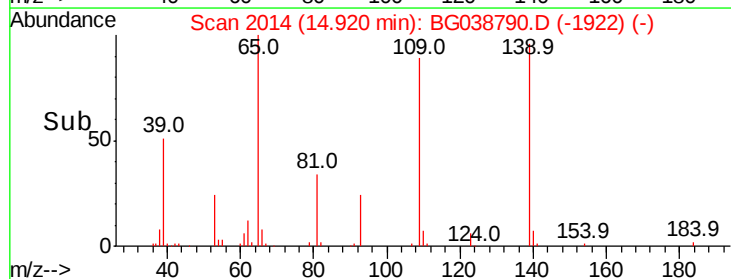
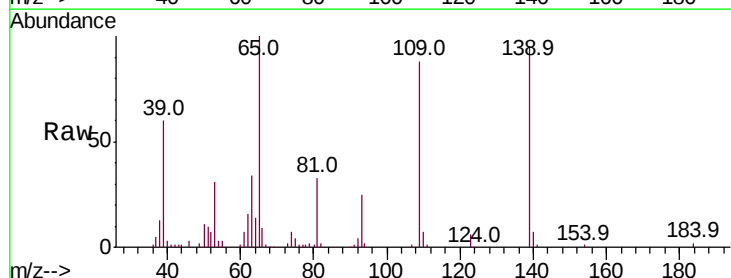
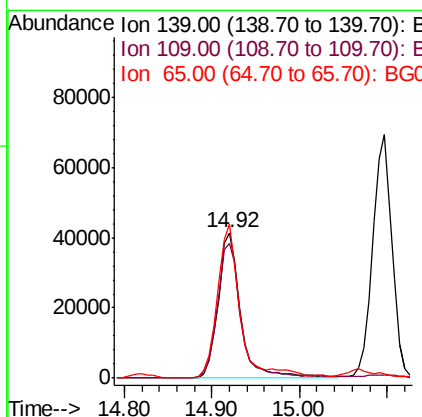
Manual Integrations
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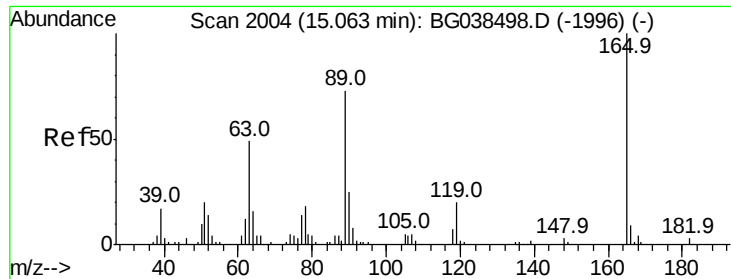
Sohil
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#56
4-Nitrophenol
Concen: 75.213 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	74675		
109	92.7		73.6	113.6
65	105.7		84.8	124.8





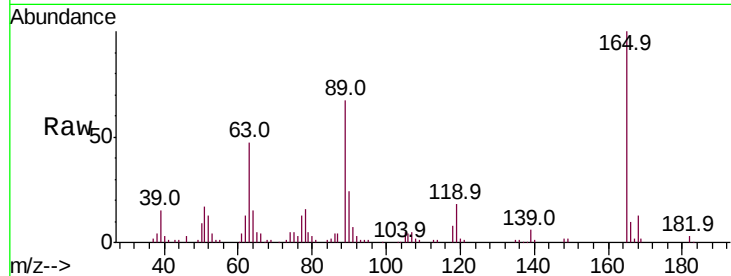
#57
2,4-Dinitrotoluene
Concen: 40.508 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

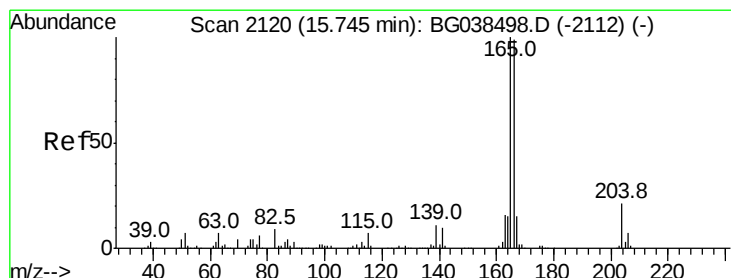
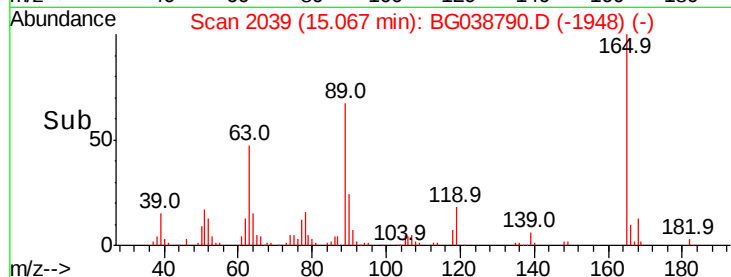
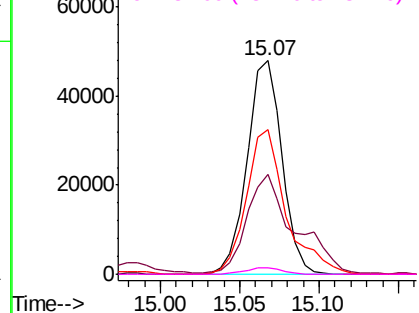
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.1	39.0	58.4
89	67.5	58.0	87.0
182	3.1	2.3	3.5

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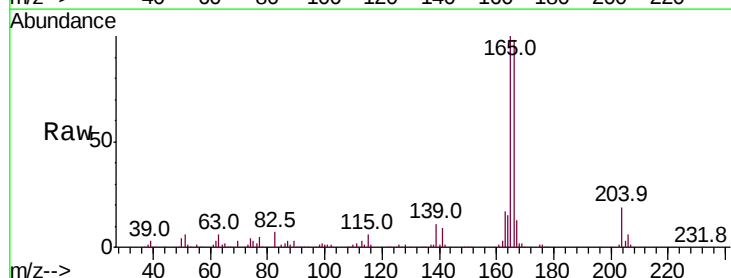


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

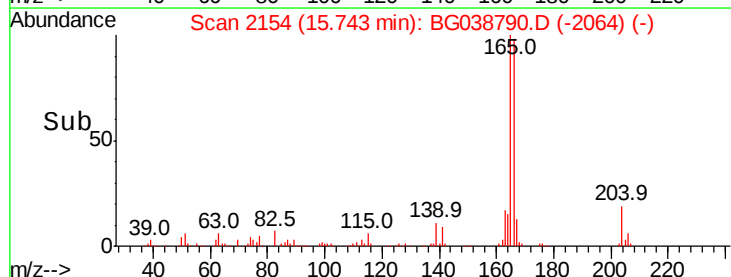
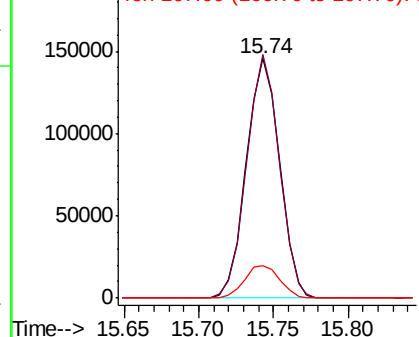


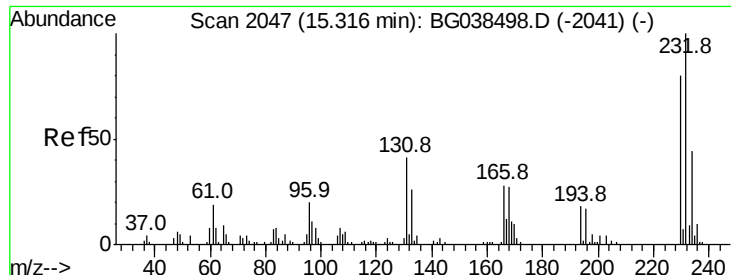
#58
Fluorene
Concen: 44.047 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.8	80.6	120.8
167	13.5	12.0	18.0



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





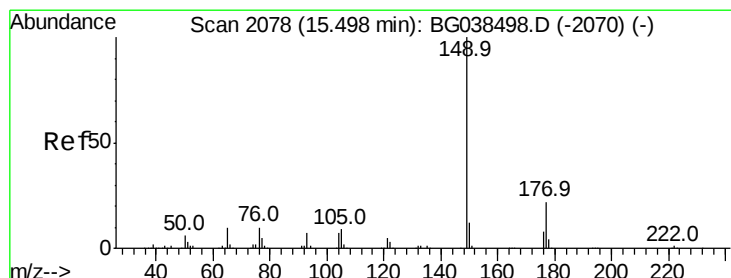
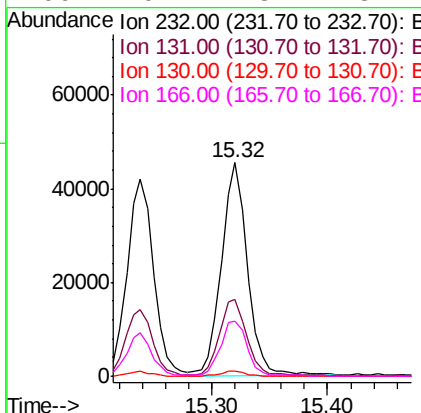
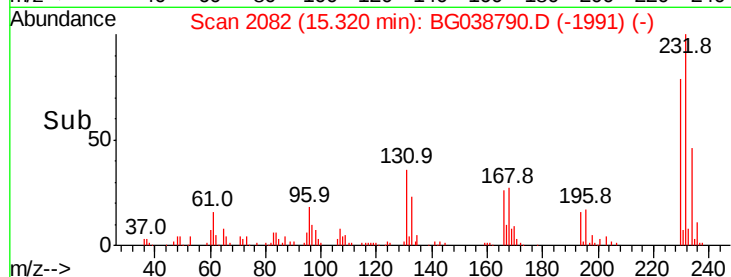
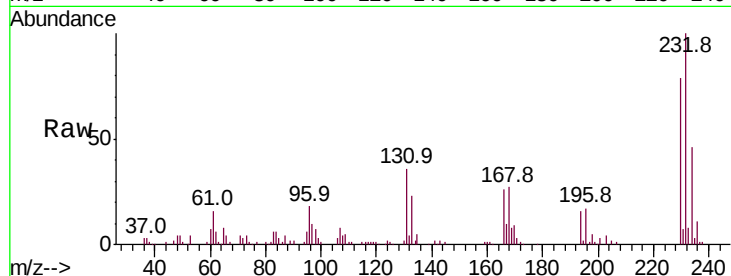
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.726 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. 0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	70969		
131	38.8		33.0	49.4
130	2.2		2.0	3.0
166	26.1		23.1	34.7

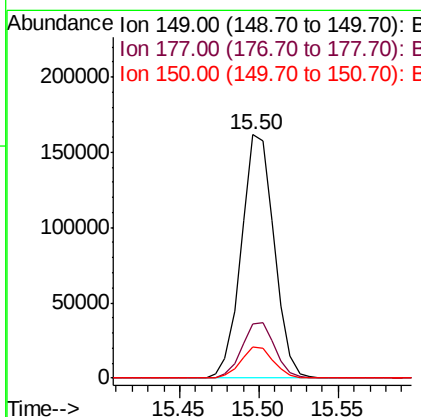
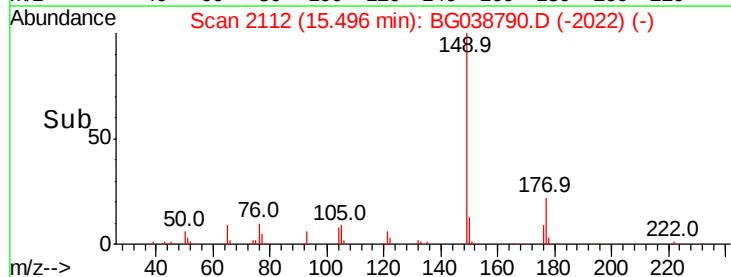
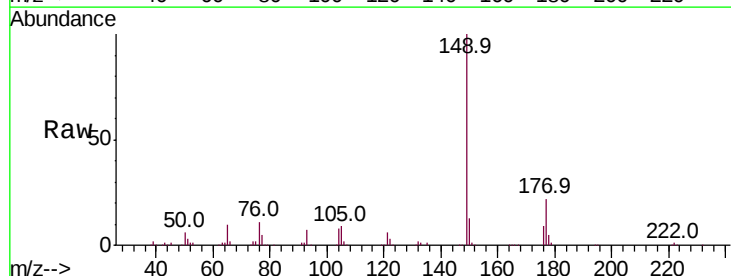
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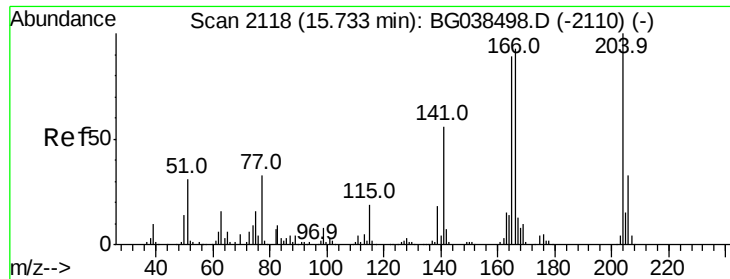
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#60
 Diethylphthalate
 Concen: 37.204 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	231381		
177	22.0		17.7	26.5
150	12.7		9.9	14.9





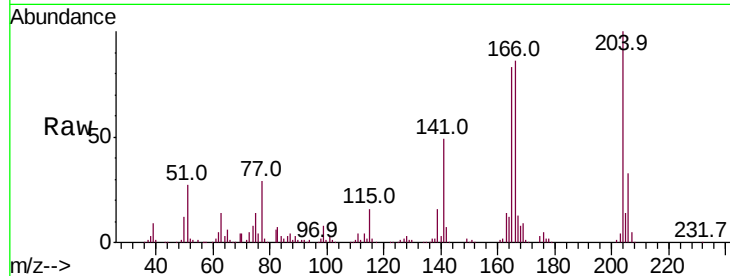
#61
4-Chlorophenyl-phenylether
Concen: 41.137 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.0	39.0
141	48.9	44.4	66.6

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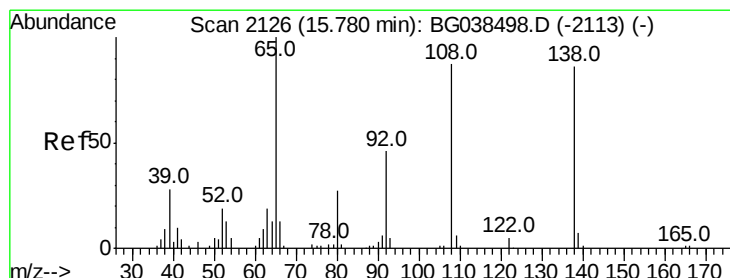
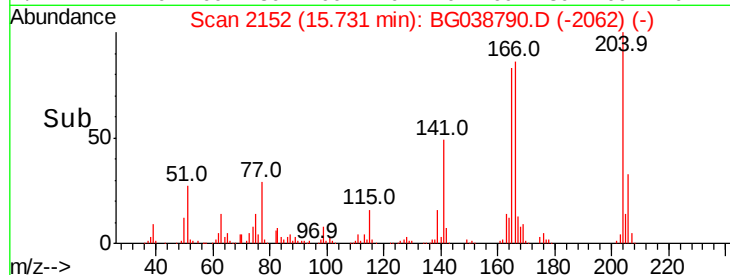
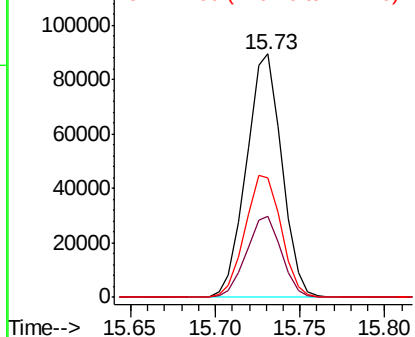


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.623 ng
RT: 15.78 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

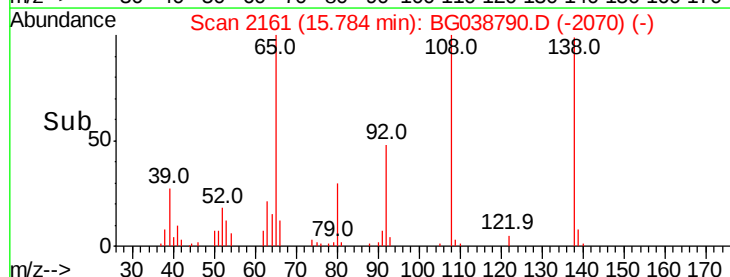
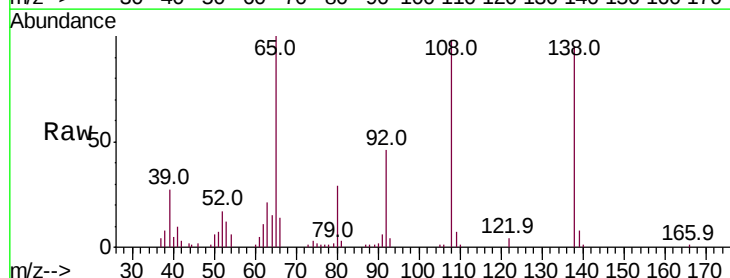
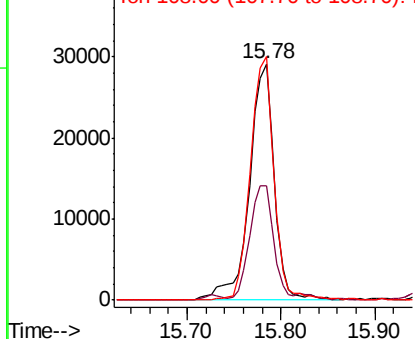
Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	33.3	73.3
108	103.0	81.4	121.4

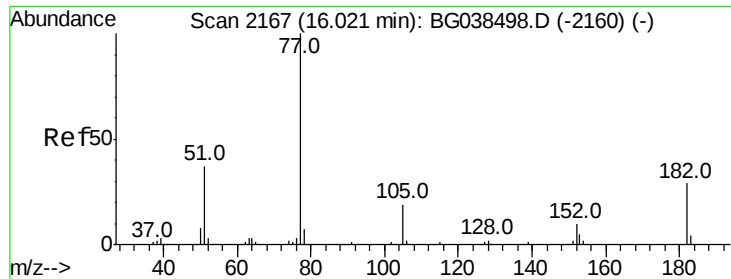
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





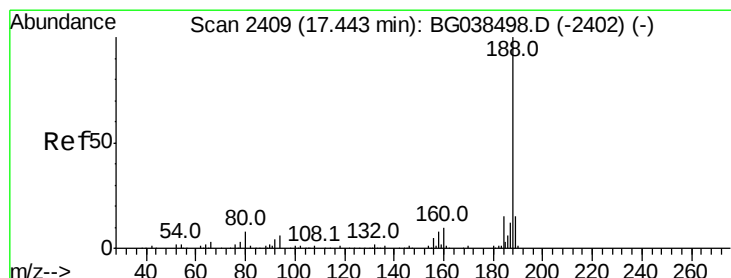
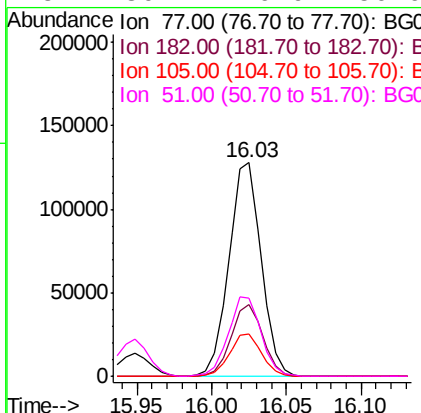
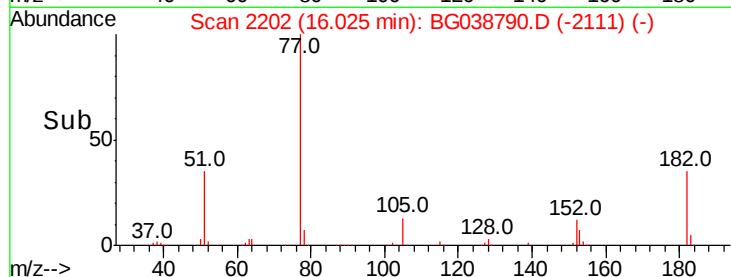
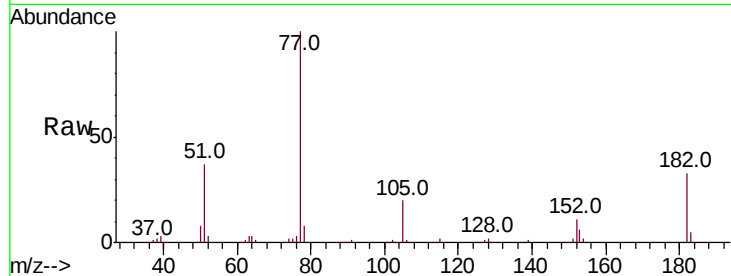
#63
Azobenzene
Concen: 37.157 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	33.3	8.7	48.7
105	19.7	0.0	38.7
51	36.7	16.6	56.6

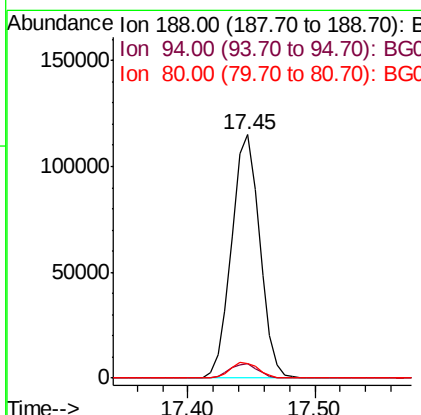
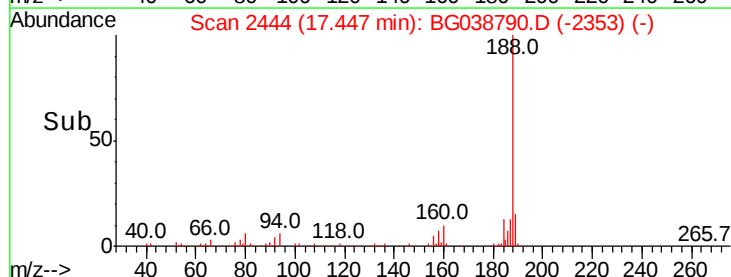
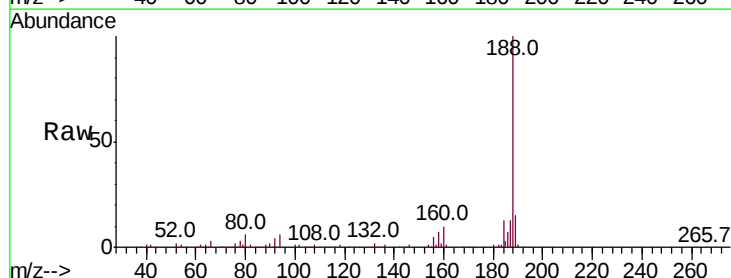
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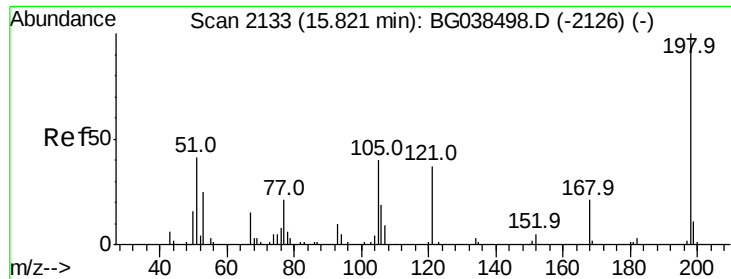
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.1	7.7
80	5.8	6.1	9.1#





#65

4,6-Dinitro-2-methylphenol

Concen: 34.814 ng

RT: 15.83 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB115909BS

Tot Ion:198 Resp: 43746

Ion Ratio Lower Upper

198 100

51 42.9 28.6 68.6

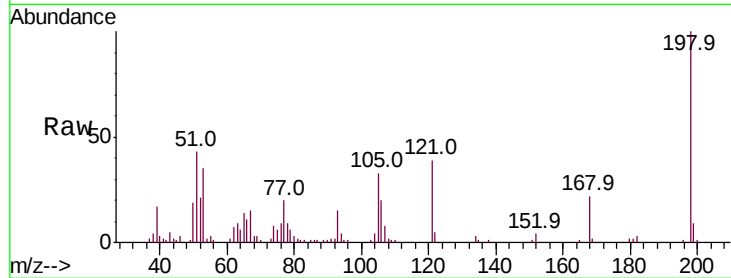
105 32.7 20.4 60.4

Manual Integrations

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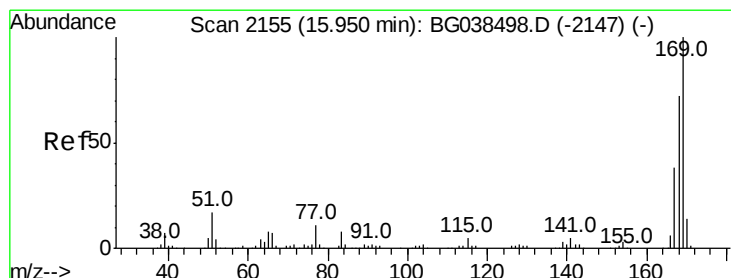
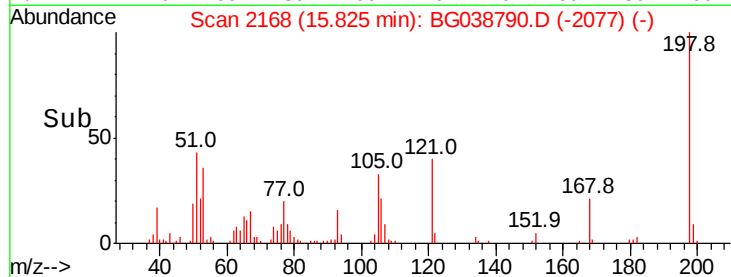
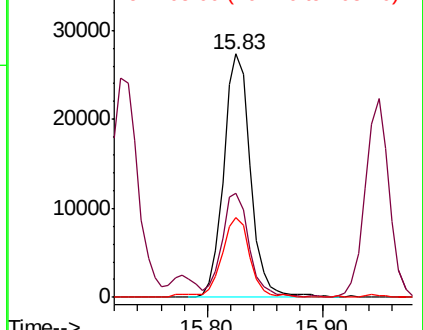
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.562 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

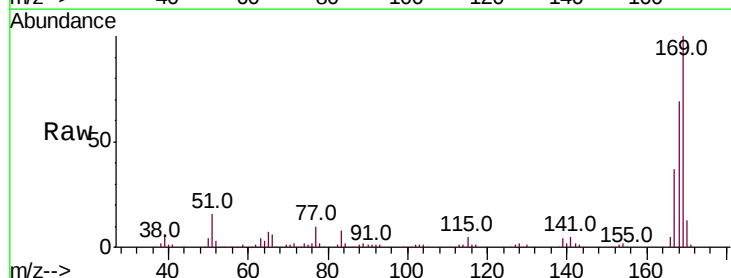
Tgt Ion:169 Resp: 204757

Ion Ratio Lower Upper

169 100

168 69.1 57.5 86.3

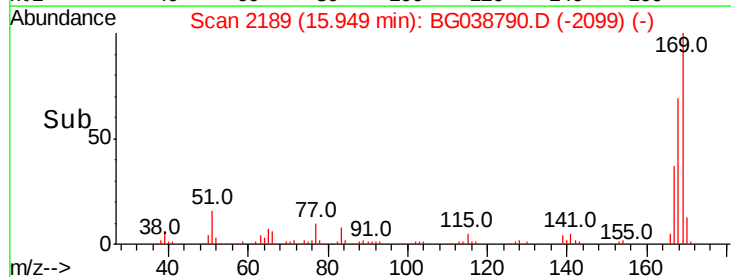
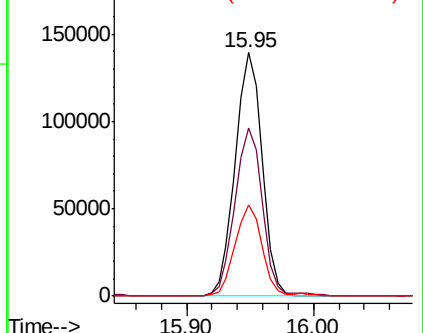
167 37.3 30.2 45.2

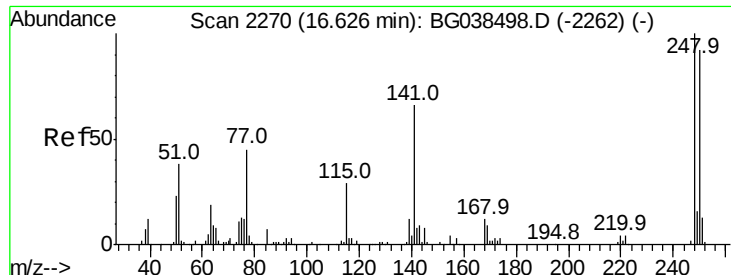


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 38.780 ng

RT: 16.62 min Scan# 2304

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

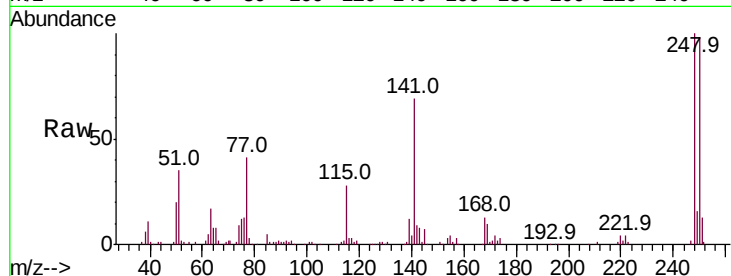
ClientSampleId :

PB115909BS

Tot Ion:	248	Resp:	83425
Ion Ratio	Lower	Upper	
248	100		
250	97.7	73.4	110.2
141	68.8	52.9	79.3

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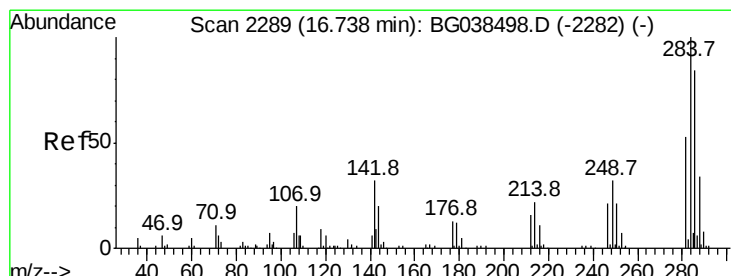
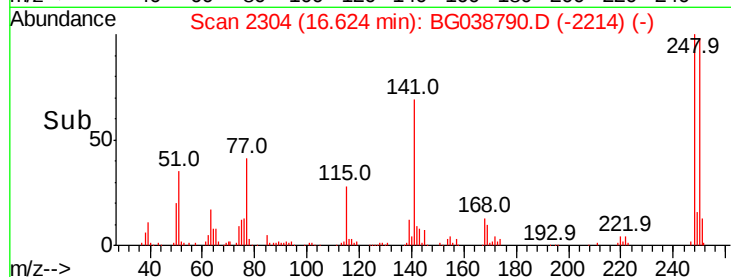
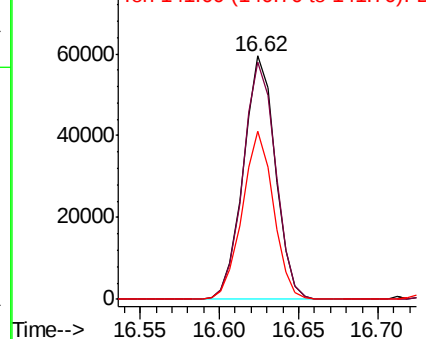


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 39.605 ng

RT: 16.74 min Scan# 2324

Delta R.T. 0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

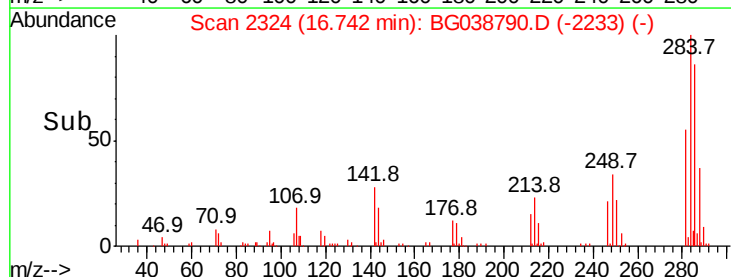
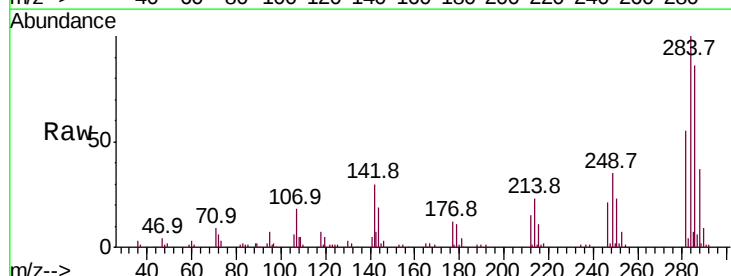
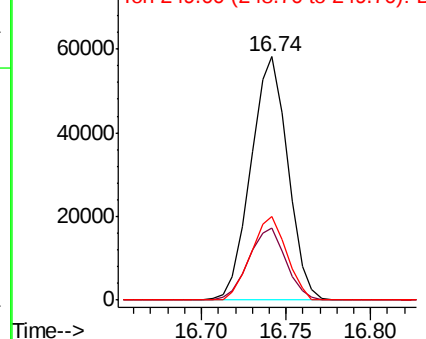
Tgt Ion:	284	Resp:	88321
Ion Ratio	Lower	Upper	
284	100		
142	29.7	25.8	38.6
249	36.8	27.0	40.4

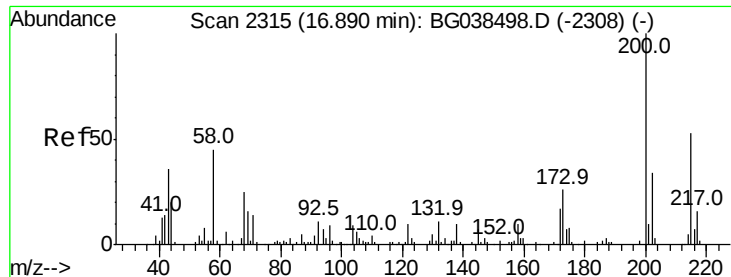
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





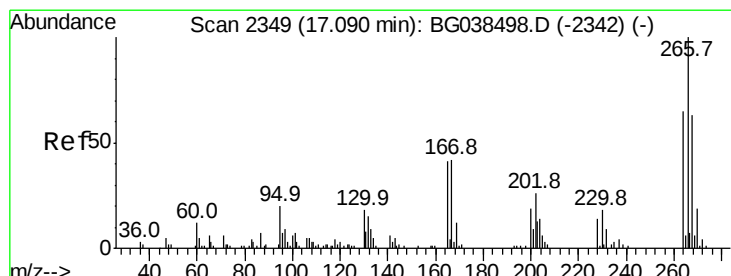
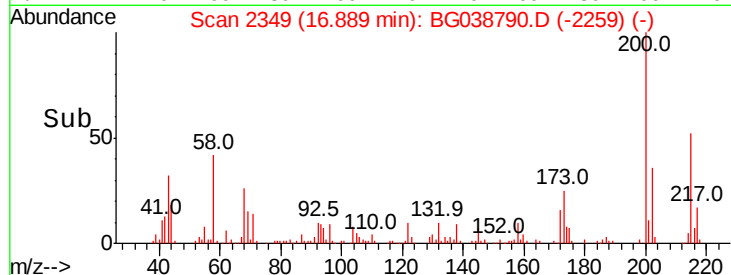
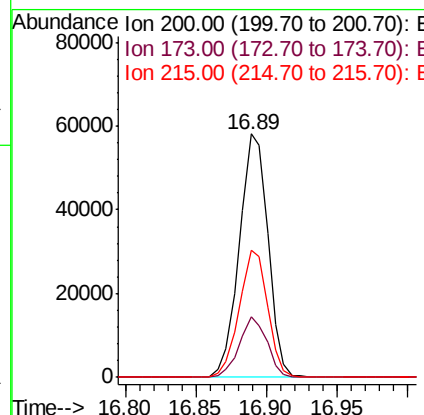
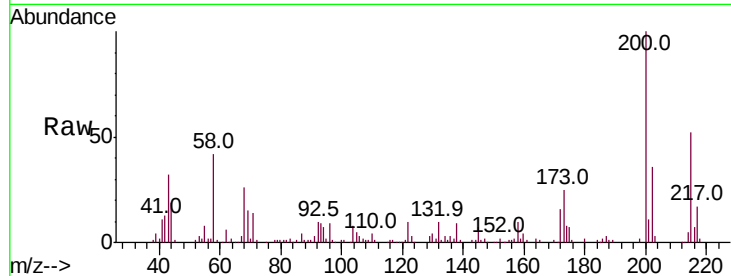
#69
Atrazine
Concen: 42.872 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.7	5.9	45.9
215	52.0	33.1	73.1

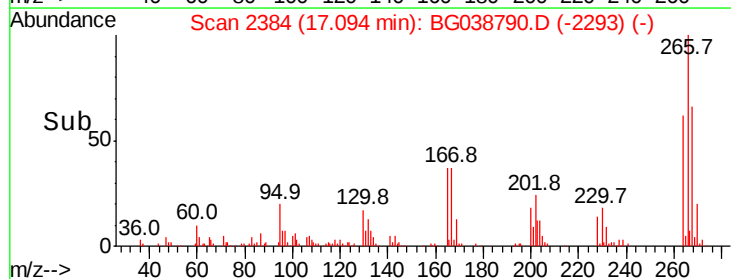
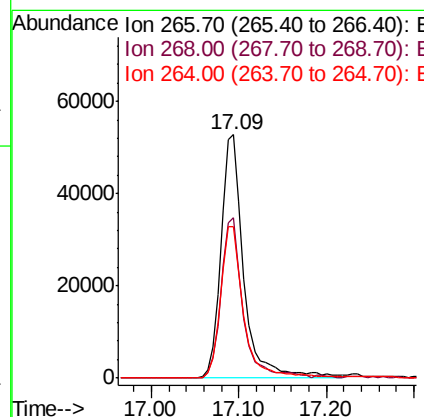
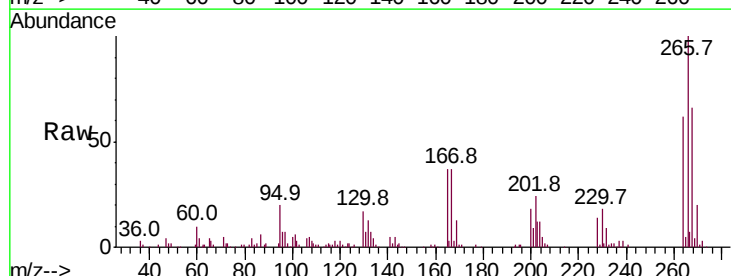
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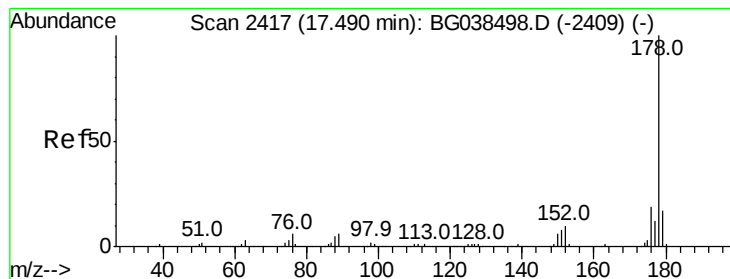
Sohil
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#70
Pentachlorophenol
Concen: 72.374 ng
RT: 17.09 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	70.2	55.0	82.6
264	67.7	56.7	85.1





#71

Phenanthrene

Concen: 41.812 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

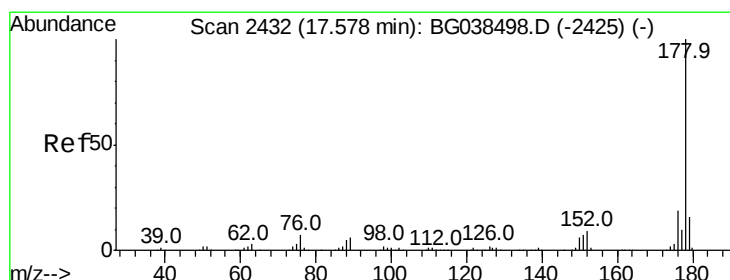
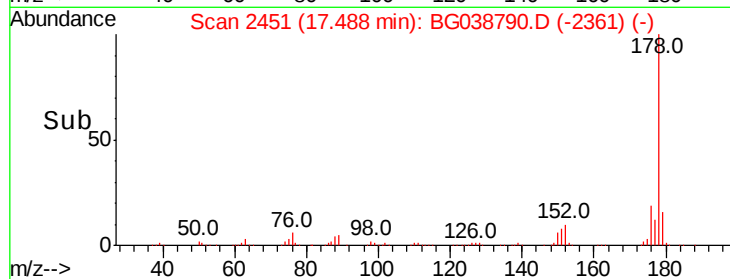
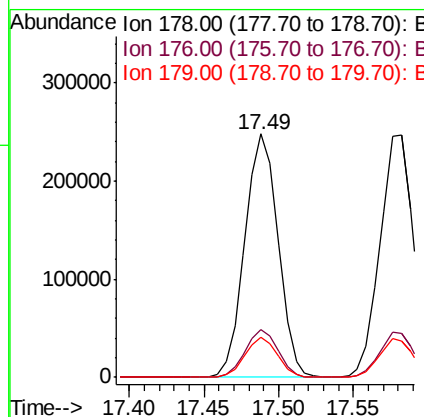
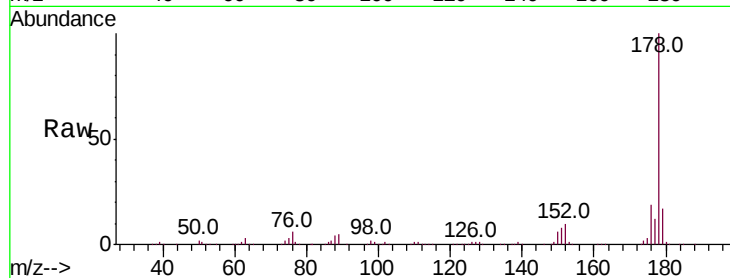
ClientSampleId :

PB115909BS

Tot Ion:	178	Resp:	381929
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.1	22.7
179	16.6	13.2	19.8

Manual Integrations
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#72

Anthracene

Concen: 42.652 ng

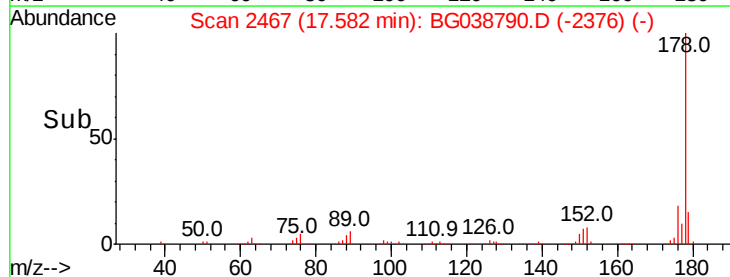
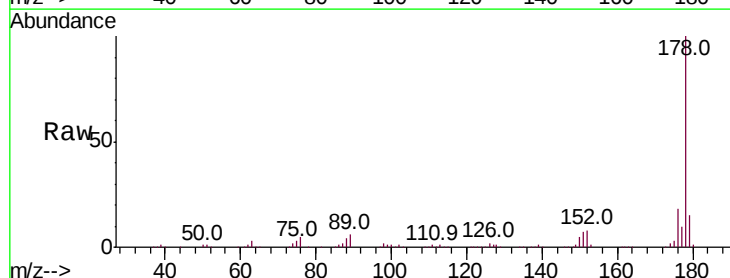
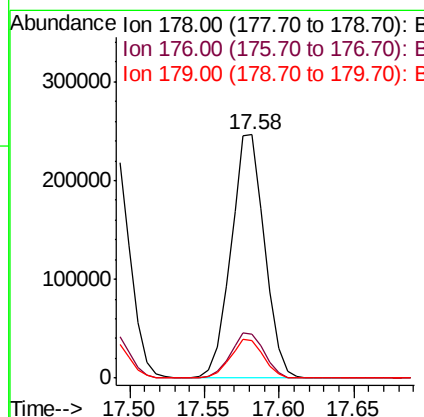
RT: 17.58 min Scan# 2467

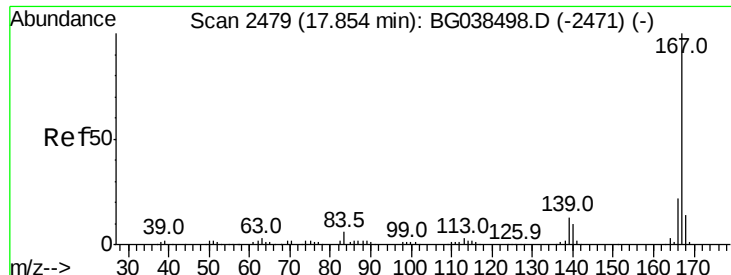
Delta R.T. 0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Tgt Ion:	178	Resp:	384615
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.1	22.7
179	15.2	12.9	19.3





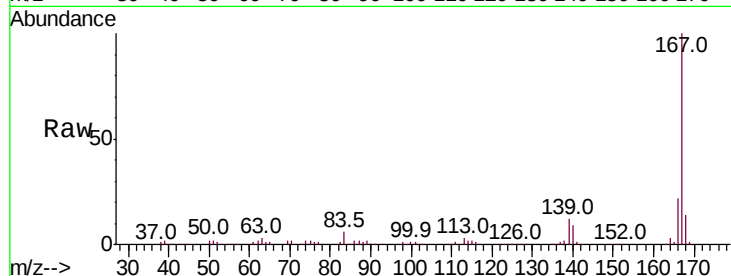
#73
 Carbazole
 Concen: 38.142 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.9	17.9	26.9	
139	12.4	10.2	15.2	

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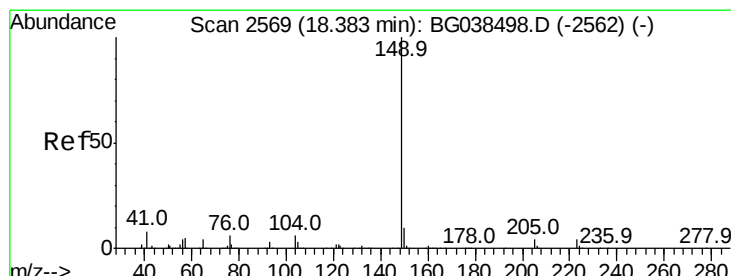
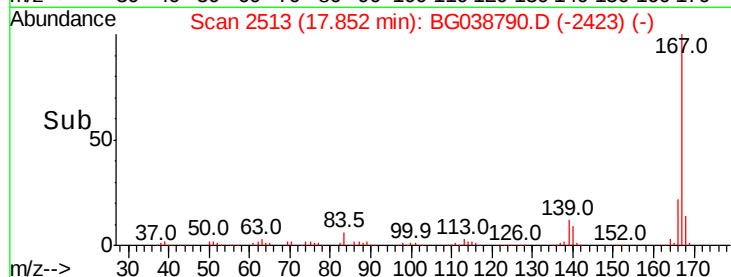
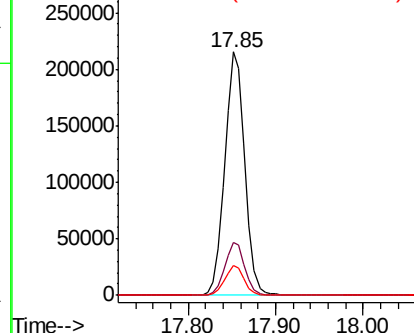


Abundance

Ion 167.00 (166.70 to 167.70): E

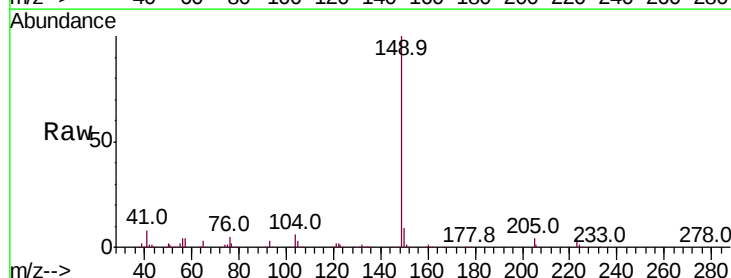
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 38.598 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.6	11.4	
104	5.7	5.0	7.4	

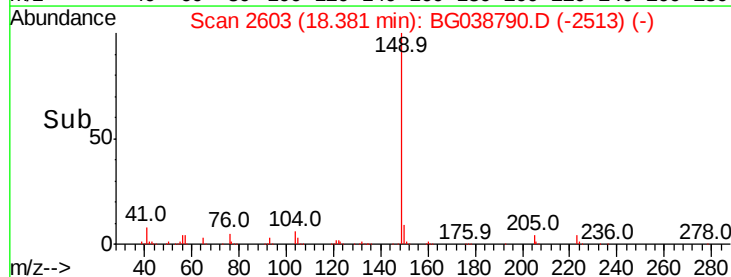
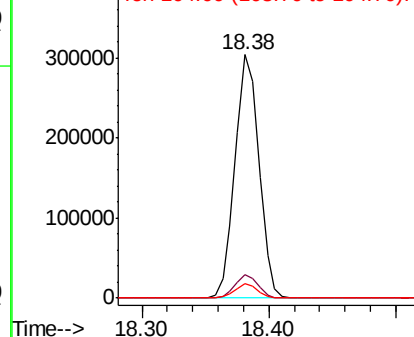


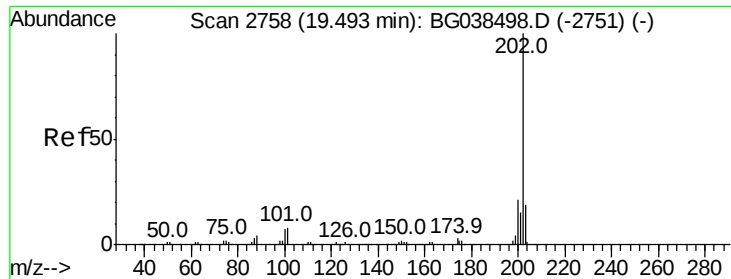
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.407 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

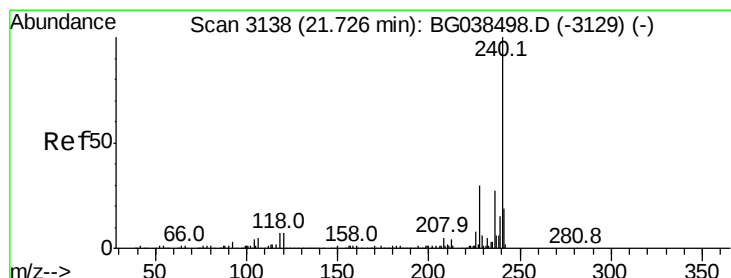
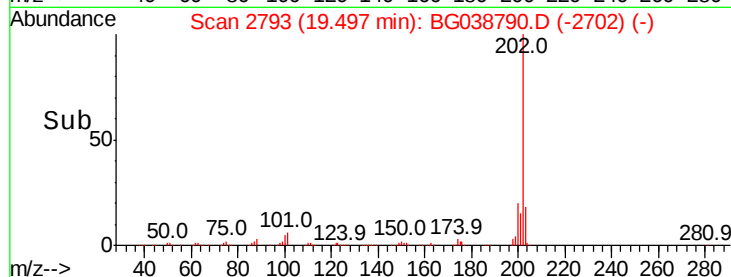
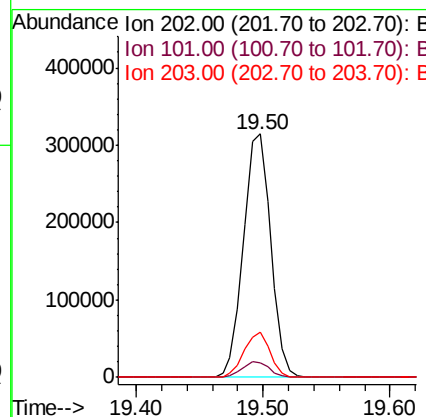
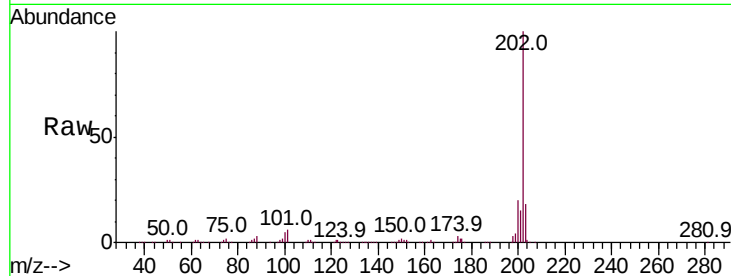
ClientSampleId :

PB115909BS

Tot Ion:	202	Resp:	467970
Ion Ratio	Lower	Upper	
202	100		
101	6.0	0.0	28.1
203	18.4	0.0	39.0

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#76

Chrysene-d12

Concen: 20.000 ng

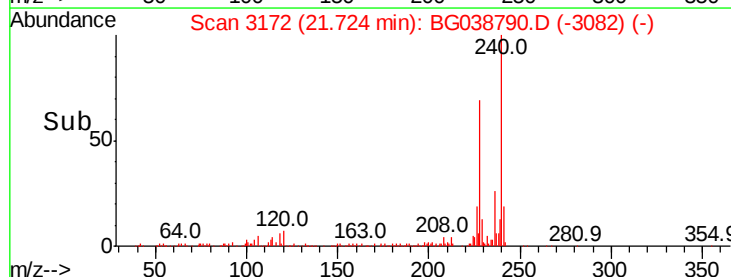
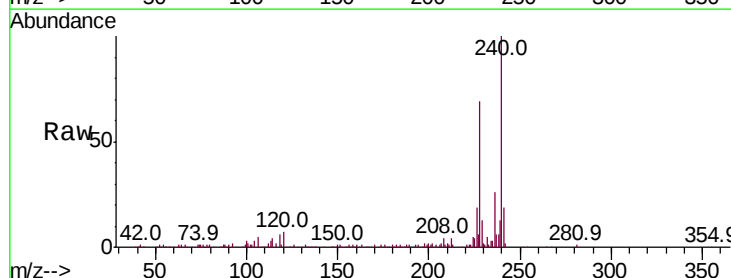
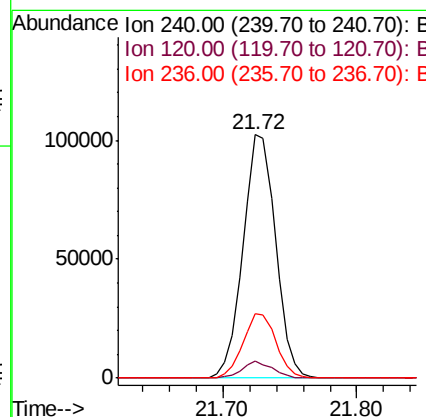
RT: 21.72 min Scan# 3172

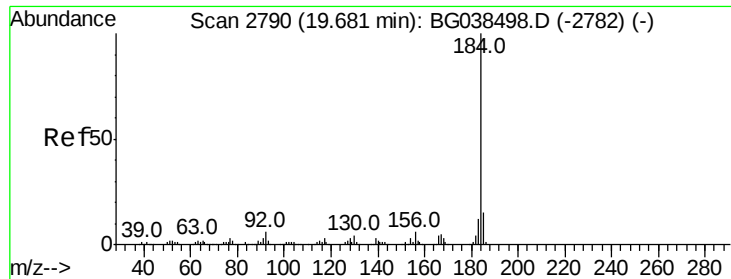
Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Tgt Ion:	240	Resp:	172519
Ion Ratio	Lower	Upper	
240	100		
120	6.9	5.3	7.9
236	26.4	21.4	32.2





#77

Benzidine

Concen: 41.560 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

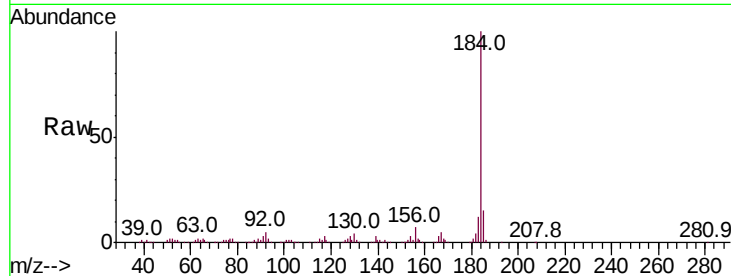
ClientSampleId :

PB115909BS

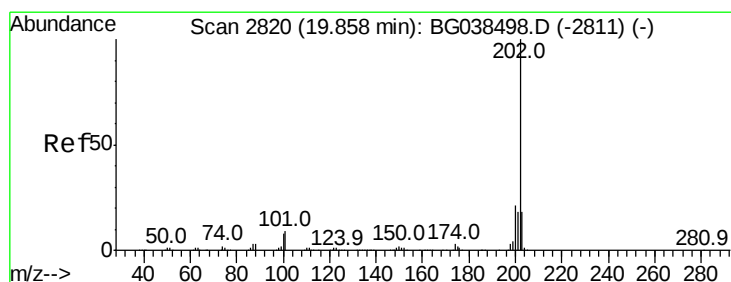
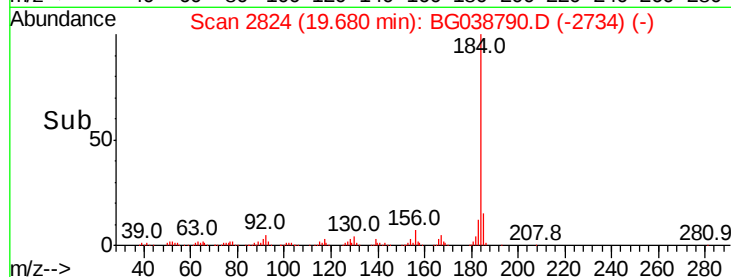
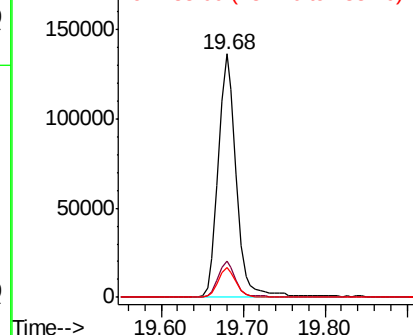
Tot Ion:	184	Resp:	212044
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.2	18.2
183	12.4	9.6	14.4

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.817 ng

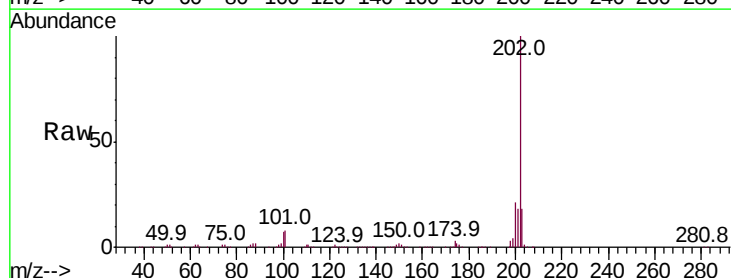
RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

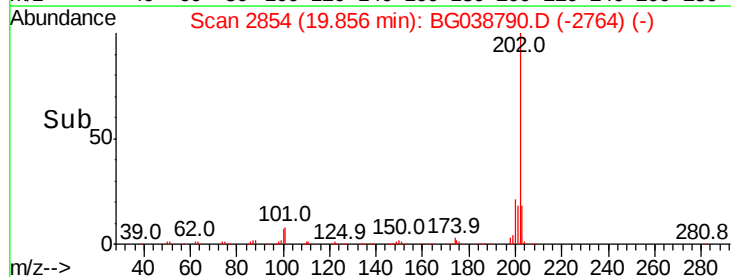
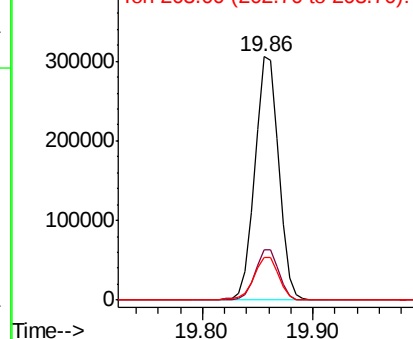
Lab File: BG038790.D

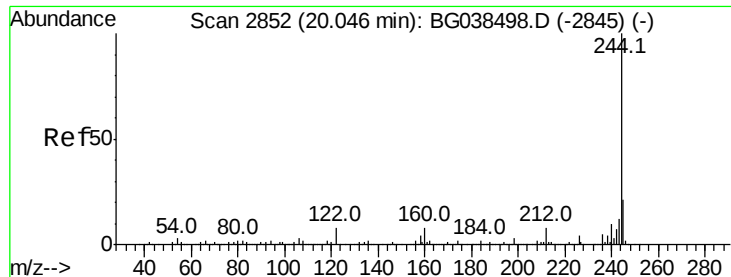
Acq: 21 Dec 2018 17:29

Tgt Ion:	202	Resp:	465200
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.6	25.0
203	17.6	14.6	21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.599 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

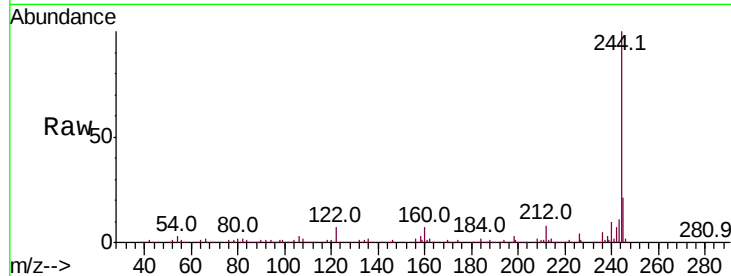
ClientSampleId :

PB115909BS

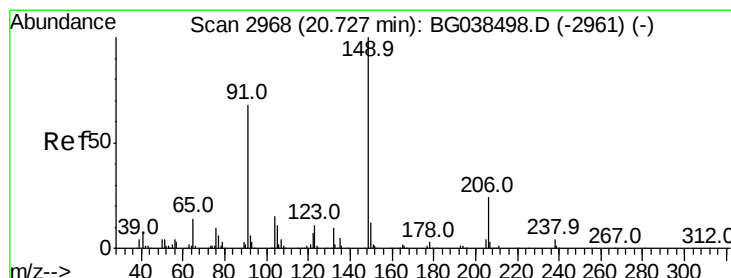
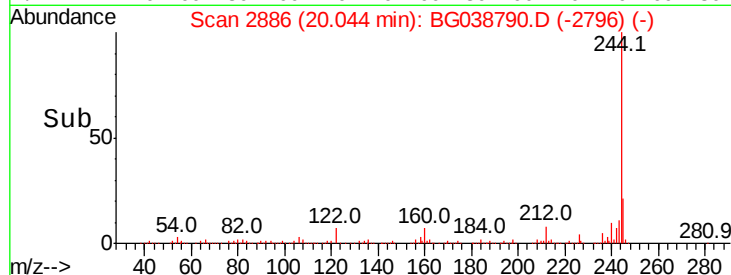
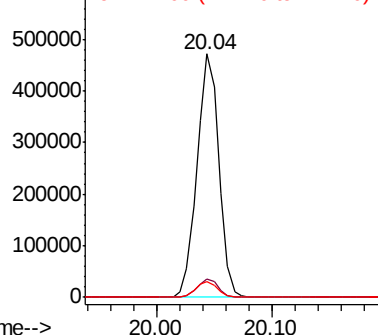
Tot Ion:	244	Resp:	615128
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.2	9.2
122	6.7	6.3	9.5

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.633 ng

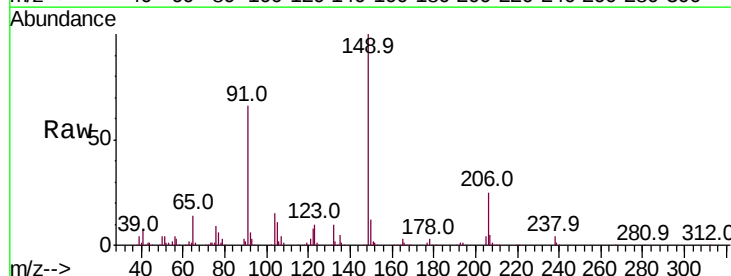
RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

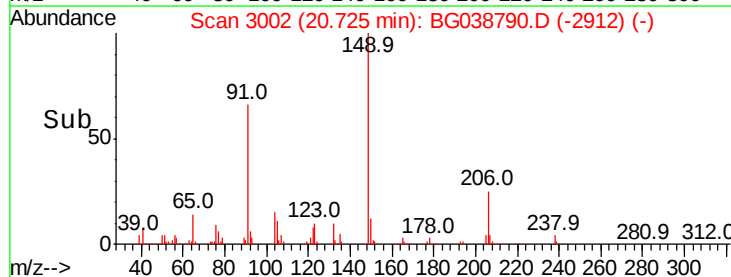
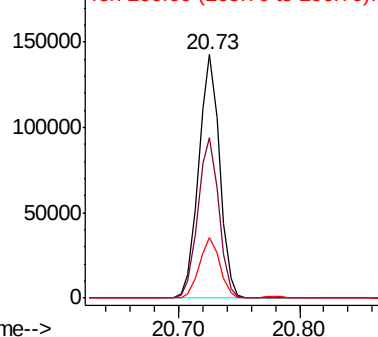
Lab File: BG038790.D

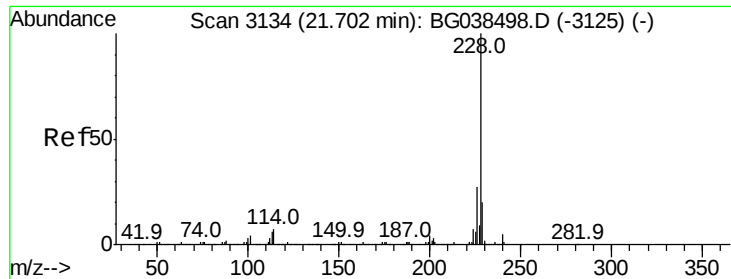
Acq: 21 Dec 2018 17:29

Tgt Ion:	149	Resp:	172023
Ion Ratio	Lower	Upper	
149	100		
91	66.0	54.5	81.7
206	25.1	19.0	28.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





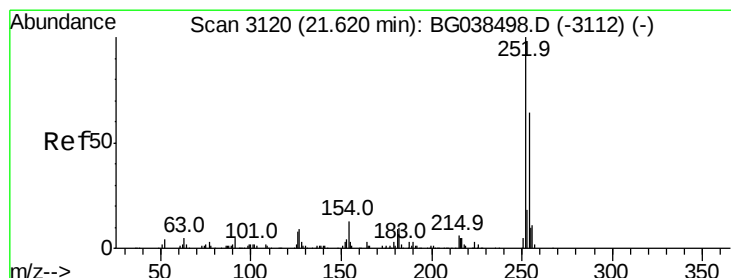
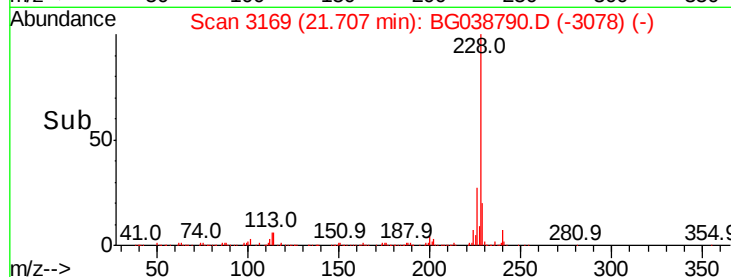
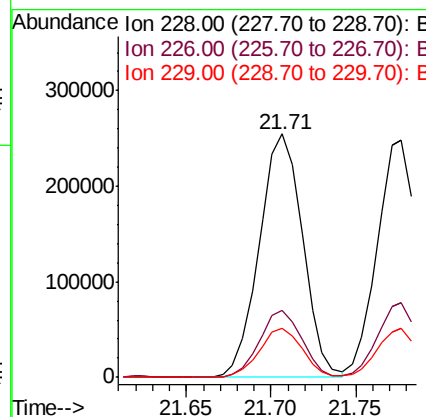
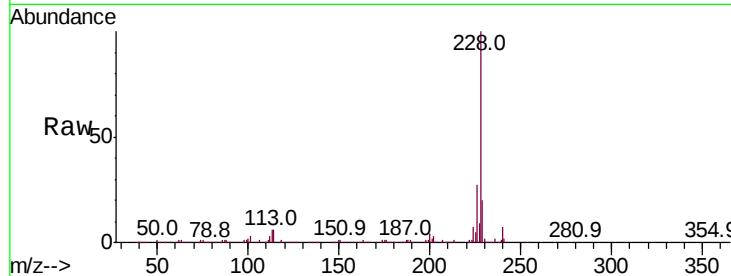
#81
Benzo(a)anthracene
Concen: 43.041 ng
RT: 21.71 min Scan# 3169
Delta R.T. 0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.8
229	20.2	15.8	23.6

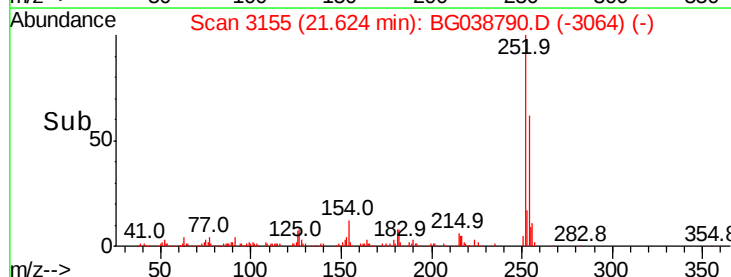
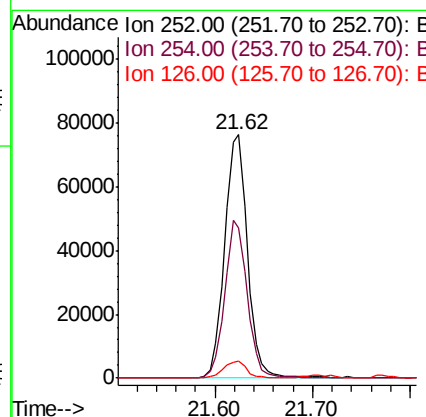
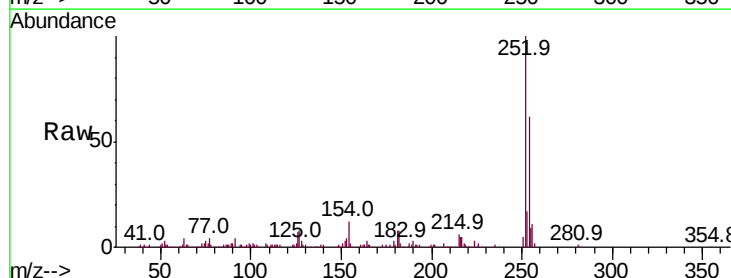
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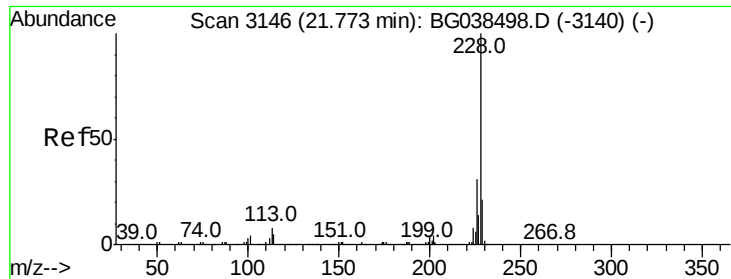
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#82
3,3'-Dichlorobenzidine
Concen: 29.822 ng
RT: 21.62 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.8	50.9	76.3
126	6.9	6.3	9.5





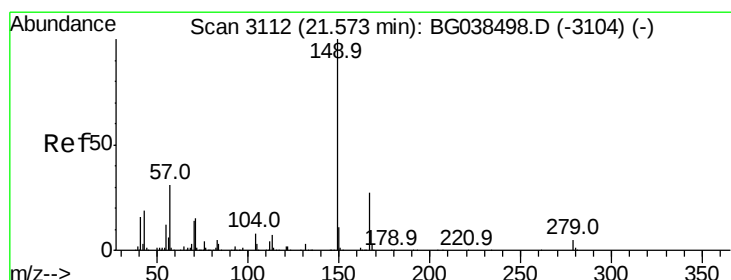
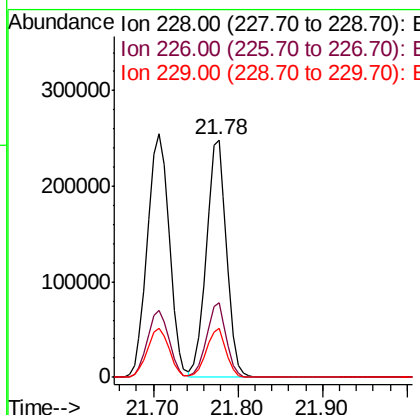
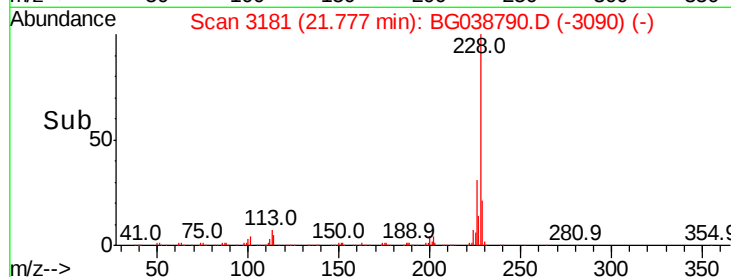
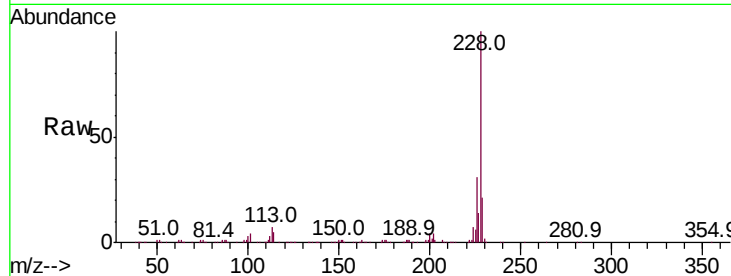
#83
 Chrysene
 Concen: 41.239 ng
 RT: 21.78 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

Tot Ion:	228	Resp:	417565
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.0	37.4
229	20.6	16.5	24.7

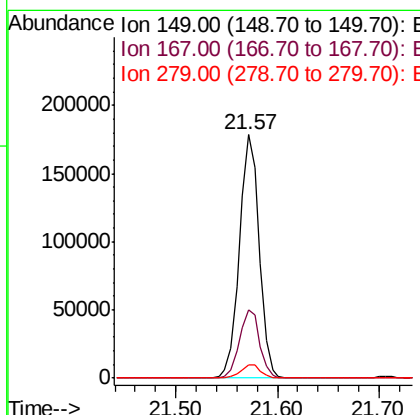
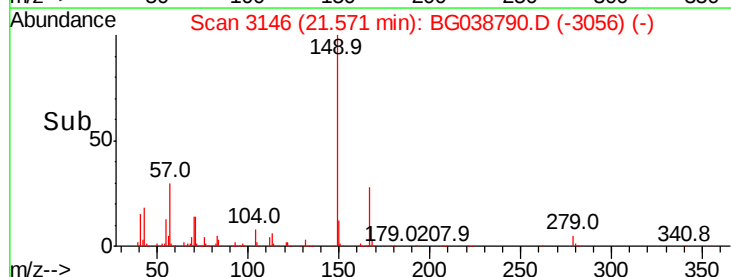
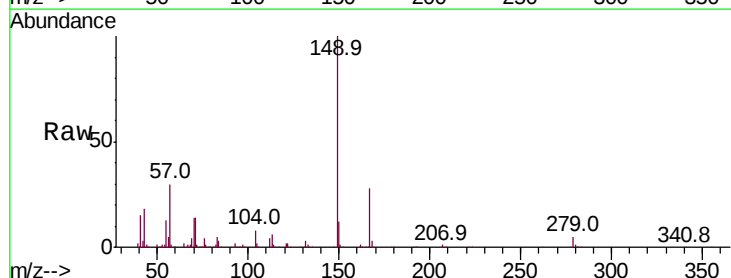
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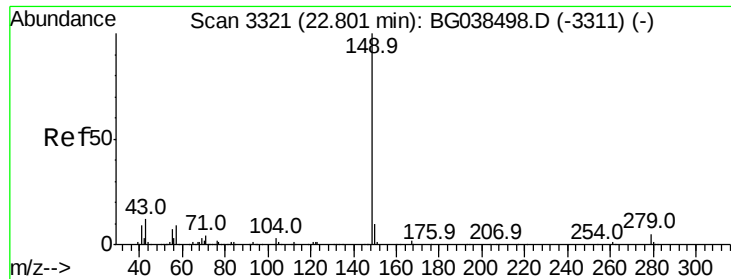
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.171 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion:	149	Resp:	241053
Ion Ratio	Lower	Upper	
149	100		
167	27.8	21.9	32.9
279	5.4	4.2	6.2





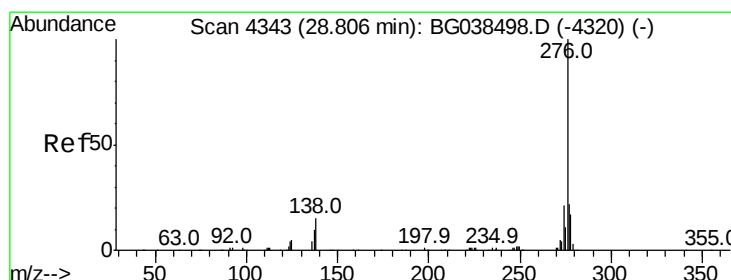
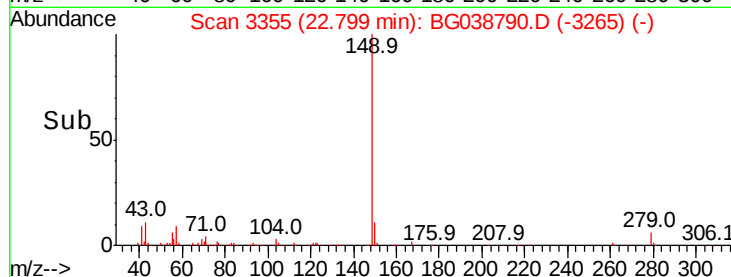
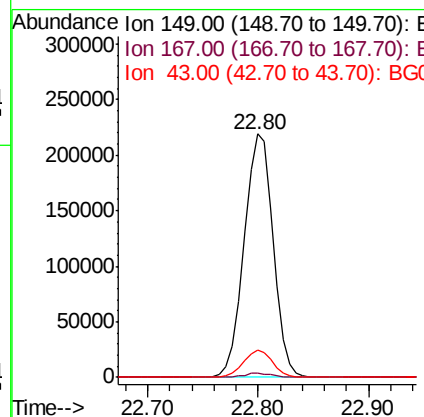
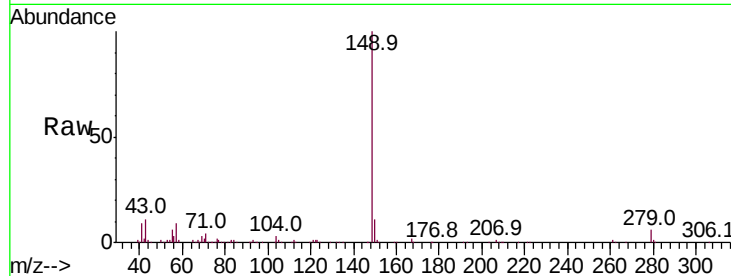
#85
Di-n-octyl phthalate
Concen: 38.250 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.7	1.2	1.8
43	10.8	9.3	13.9

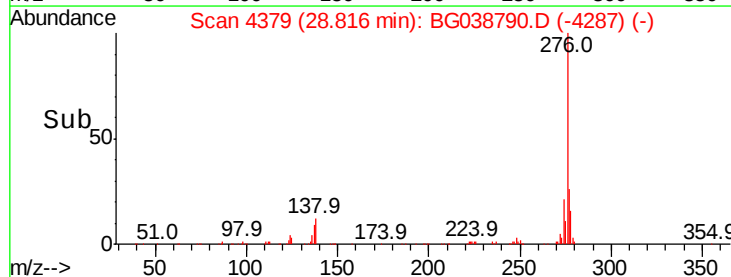
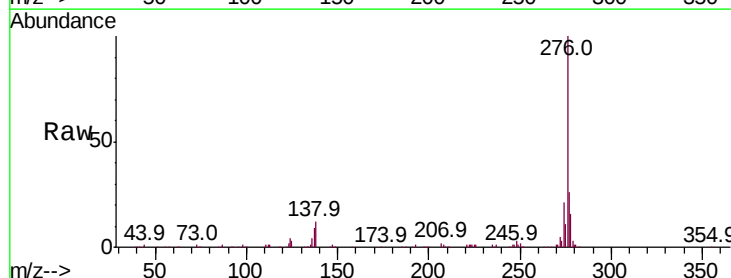
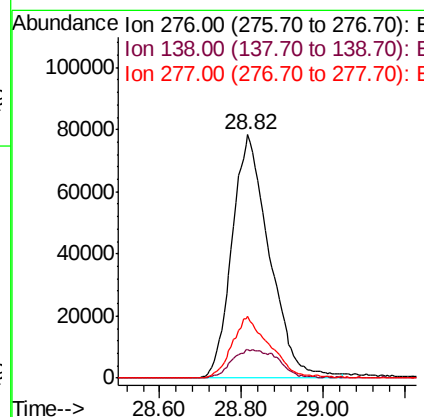
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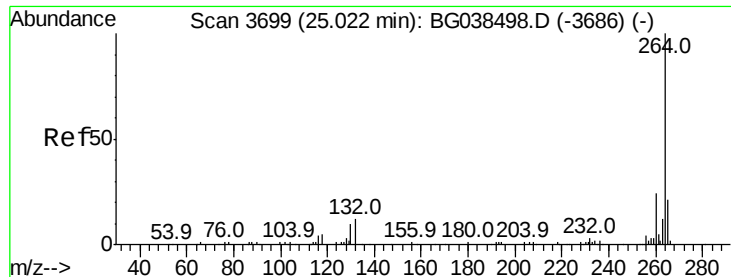
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.802 ng
RT: 28.82 min Scan# 4379
Delta R.T. 0.01 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	6.1	14.4	21.6#
277	25.0	0.0	0.0#





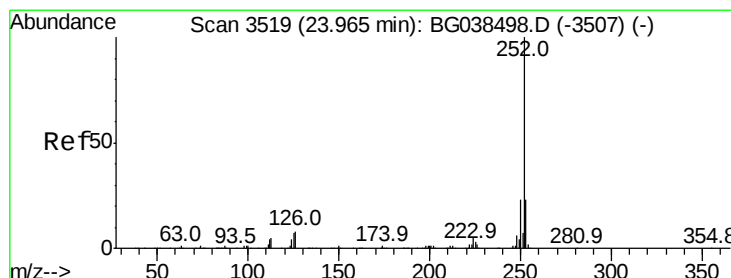
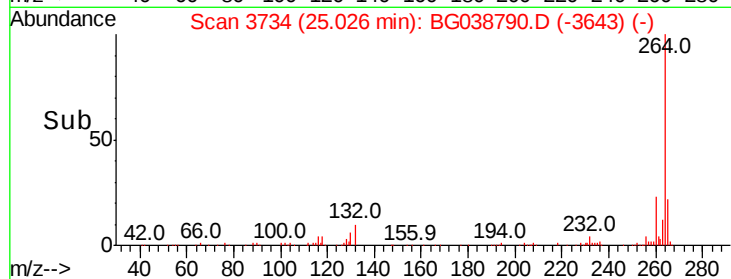
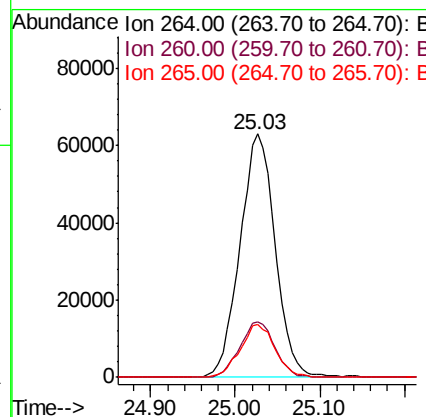
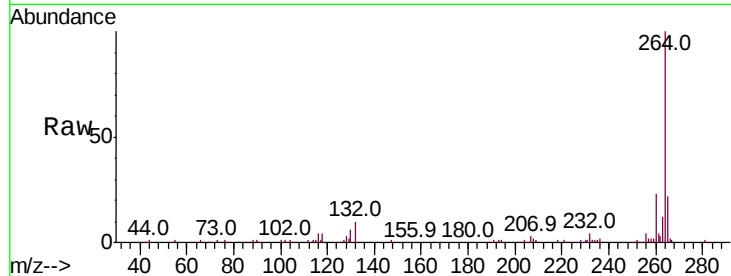
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3734
 Delta R.T. 0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.9	28.3
265	21.6	17.0	25.4

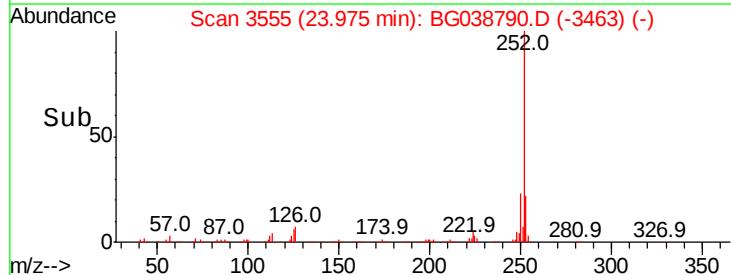
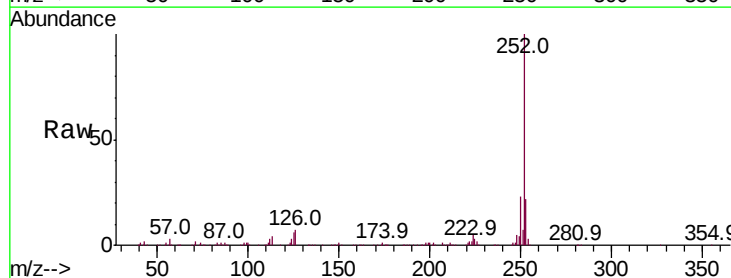
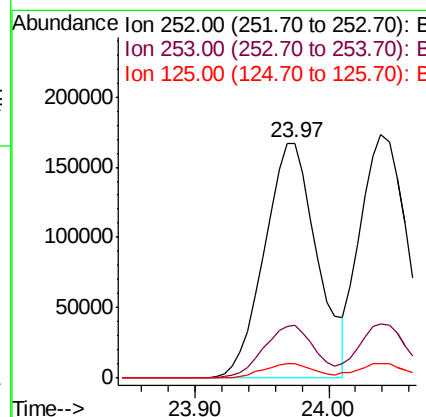
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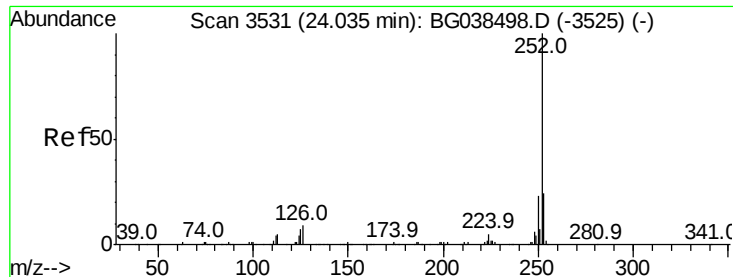
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#88
 Benzo(b)fluoranthene
 Concen: 45.771 ng
 RT: 23.97 min Scan# 3555
 Delta R.T. 0.01 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	6.3	5.5	8.3





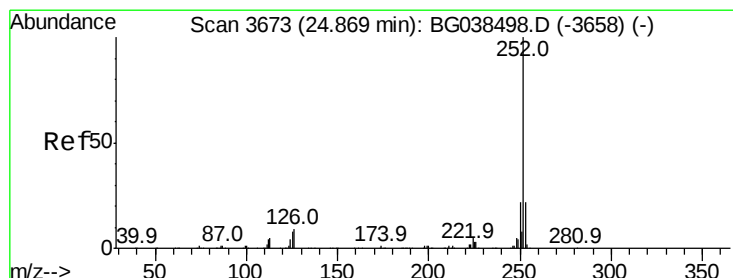
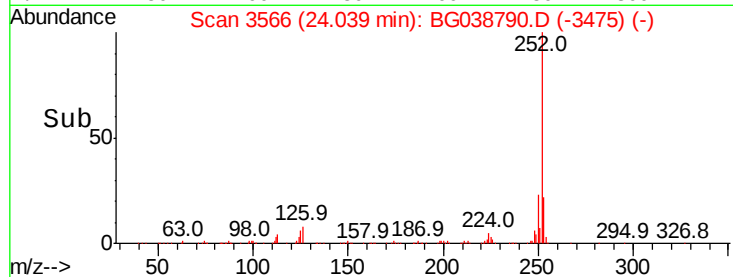
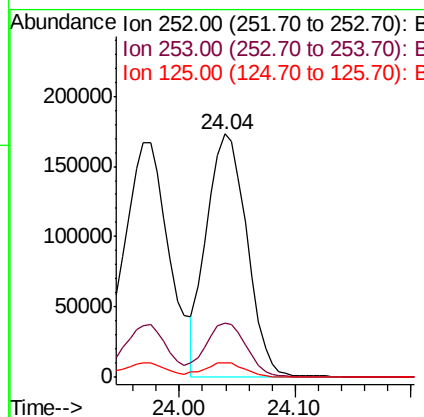
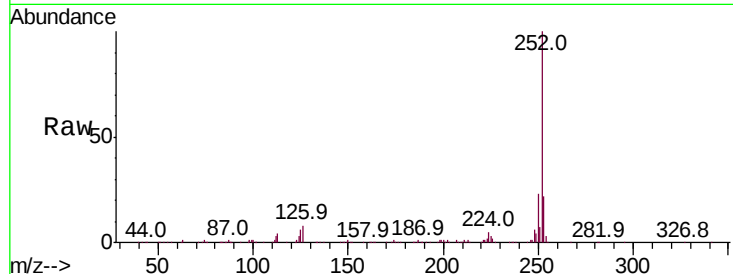
#89
Benzo(k)fluoranthene
Concen: 42.143 ng
RT: 24.04 min Scan# 3566
Delta R.T. 0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.9	28.3
125	5.9	5.4	8.2

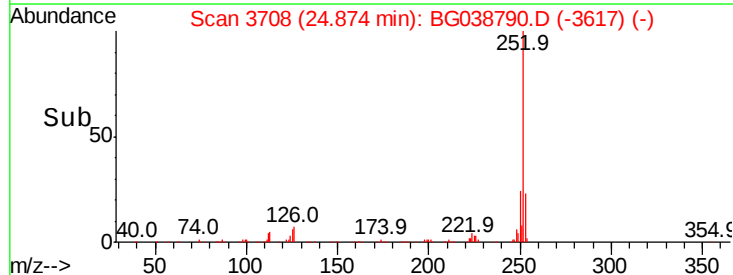
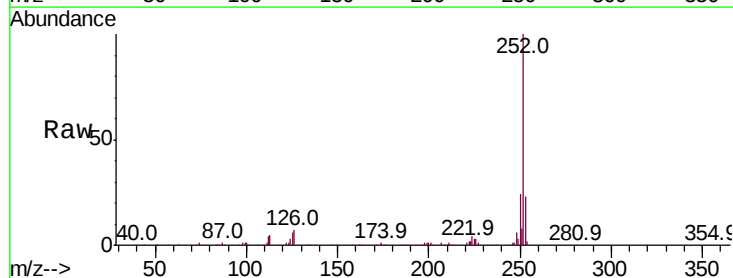
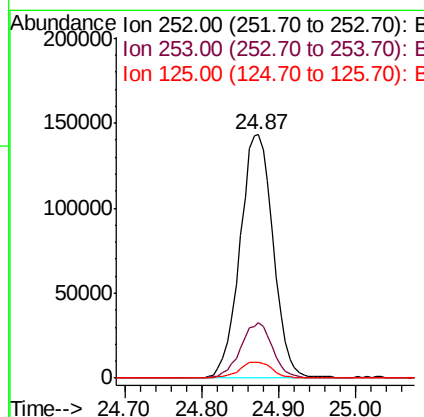
Manual Integrations
APPROVED

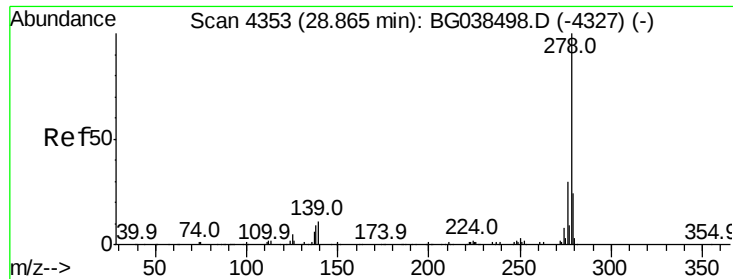
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#90
Benzo(a)pyrene
Concen: 44.891 ng
RT: 24.87 min Scan# 3708
Delta R.T. 0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	6.5	6.4	9.6





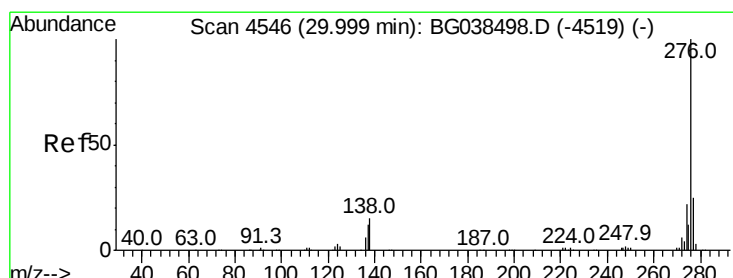
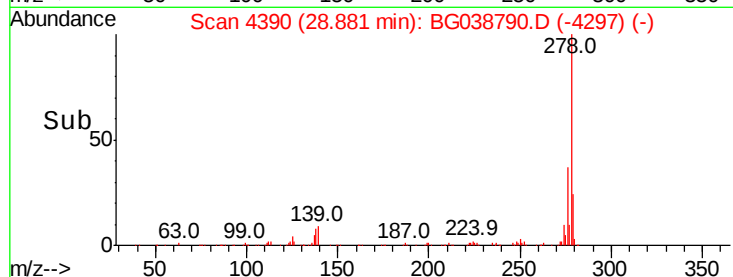
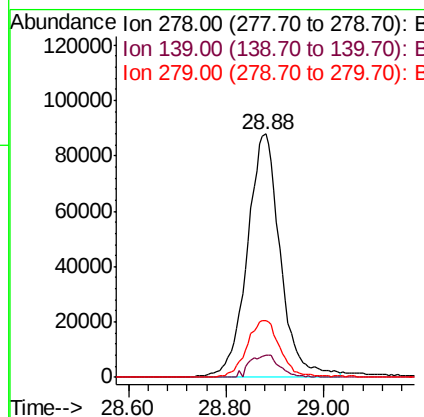
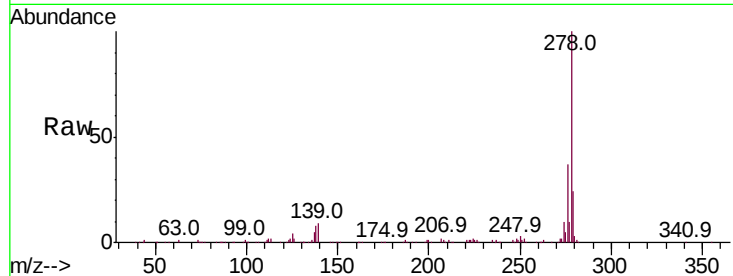
#91
Dibenzo(a,h)anthracene
Concen: 43.228 ng
RT: 28.88 min Scan# 4390
Delta R.T. 0.02 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.1	8.6	12.8
279	23.5	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 43.156 ng
RT: 30.01 min Scan# 4582
Delta R.T. 0.01 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.8
138	12.9	11.8	17.6

