

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
 Data File : BG038586.D
 Acq On : 15 Dec 2018 3:01
 Operator : JU/SJ
 Sample : PB115581BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115581BS

Manual Integrations
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Quant Time: Dec 15 04:34:15 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	23459	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	94068	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	56969	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	149594	20.00	ng	0.00
76) Chrysene-d12	21.73	240	160657	20.00	ng	0.00
87) Perylene-d12	25.02	264	175604	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	165283	124.96	ng	0.00
7) Phenol-d6	7.21	99	213398	117.53	ng	0.00
23) Nitrobenzene-d5	9.24	82	126490	68.70	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	94964	120.95	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	288913	69.57	ng	0.00
79) Terphenyl-d14	20.04	244	618739	83.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	21729	35.299	ng	# 89
3) Pyridine	3.89	79	60378	35.625	ng	92
4) n-Nitrosodimethylamine	3.82	42	39352	47.388	ng	# 85
6) Aniline	7.39	93	80982	34.938	ng	99
8) 2-Chlorophenol	7.62	128	66038	43.145	ng	98
9) Benzaldehyde	7.20	77	24576	20.864	ng	98
10) Phenol	7.24	94	84376	43.740	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	58710	38.227	ng	99
12) 1,3-Dichlorobenzene	7.94	146	69775	38.555	ng	99
13) 1,4-Dichlorobenzene	8.09	146	71361	38.501	ng	98
14) 1,2-Dichlorobenzene	8.41	146	67543	38.654	ng	96
15) Benzyl Alcohol	8.30	79	60054	42.374	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	135405	38.487	ng	97
17) 2-Methylphenol	8.50	107	58384	45.174	ng	98
18) Hexachloroethane	9.14	117	26333	38.880	ng	91
19) n-Nitroso-di-n-propylamine	8.86	70	49042	38.456	ng	98
20) 3+4-Methylphenols	8.83	107	77601	43.476	ng	96
22) Acetophenone	8.89	105	96375	41.017	ng	# 95
24) Nitrobenzene	9.28	77	77599	41.659	ng	98
25) Isophorone	9.79	82	135870	41.069	ng	99
26) 2-Nitrophenol	9.99	139	37509	39.343	ng	95
27) 2,4-Dimethylphenol	10.03	122	63810	46.701	ng	96
28) bis(2-Chloroethoxy)methane	10.27	93	79128	42.383	ng	97
29) 2,4-Dichlorophenol	10.52	162	67385	44.331	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	73107	39.817	ng	97
31) Naphthalene	10.93	128	198851	42.904	ng	99
32) Benzoic acid	10.19	122	27867m	35.474	ng	
33) 4-Chloroaniline	11.04	127	41219	20.484	ng	97
34) Hexachlorobutadiene	11.19	225	47777	38.456	ng	94
35) Caprolactam	11.83	113	21835	34.710	ng	# 88
36) 4-Chloro-3-methylphenol	12.15	107	70020	40.366	ng	90
37) 2-Methylnaphthalene	12.52	142	146392	44.274	ng	98
38) 1-Methylnaphthalene	12.75	142	138372	43.126	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	85981	40.377	ng	97

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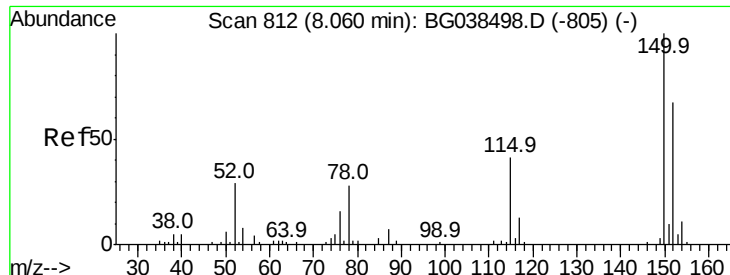
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	116634	99.693	nq	97
43) 2,4,6-Trichlorophenol	13.13	196	58095	44.370	nq	97
44) 2,4,5-Trichlorophenol	13.21	196	62449	45.047	nq	99
46) 1,1'-Biphenyl	13.53	154	190005	39.785	nq	99
47) 2-Chloronaphthalene	13.58	162	149158	40.432	nq	97
48) 2-Nitroaniline	13.79	65	51127	43.510	nq	99
49) Acenaphthylene	14.42	152	247387	44.857	nq	98
50) Dimethylphthalate	14.15	163	201154	43.238	nq	98
51) 2,6-Dinitrotoluene	14.28	165	45553	43.207	nq	94
52) Acenaphthene	14.76	154	140706	42.667	nq	99
53) 3-Nitroaniline	14.61	138	31299	29.123	nq	# 98
54) 2,4-Dinitrophenol	14.82	184	49784	79.403	nq	95
55) Dibenzofuran	15.09	168	234848	41.544	nq	98
56) 4-Nitrophenol	14.92	139	71469	87.659	nq	95
57) 2,4-Dinitrotoluene	15.06	165	65628	44.196	nq	98
58) Fluorene	15.74	166	191155	45.642	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.32	232	54068	43.350	nq	94
60) Diethylphthalate	15.50	149	206523	40.438	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	105314	40.302	nq	98
62) 4-Nitroaniline	15.78	138	48556	43.885	nq	92
63) Azobenzene	16.02	77	180667	42.346	nq	98
65) 4,6-Dinitro-2-methylphenol	15.83	198	40019	37.502	nq	99
66) n-Nitrosodiphenylamine	15.95	169	175750	39.985	nq	99
67) 4-Bromophenyl-phenylether	16.63	248	69748	38.177	nq	92
68) Hexachlorobenzene	16.74	284	73016	38.554	nq	98
69) Atrazine	16.89	200	73131	44.833	nq	96
70) Pentachlorophenol	17.09	266	82468	73.619	nq	97
71) Phenanthrene	17.49	178	337023	43.445	nq	98
72) Anthracene	17.58	178	348417	45.496	nq	99
73) Carbazole	17.85	167	317134	41.872	nq	98
74) Di-n-butylphthalate	18.38	149	385329	44.339	nq	99
75) Fluoranthene	19.49	202	437088	45.539	nq	99
77) Benzidine	19.68	184	221041	46.522	nq	99
78) Pyrene	19.86	202	435818	41.063	nq	99
80) Butylbenzylphthalate	20.72	149	174192	42.009	nq	97
81) Benzo(a)anthracene	21.70	228	428258	43.746	nq	99
82) 3,3'-Dichlorobenzidine	21.62	252	109279	28.146	nq	99
83) Chrysene	21.77	228	393481	41.729	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	241479	41.061	nq	99
85) Di-n-octyl phthalate	22.79	149	422620	42.910	nq	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	491355	44.323	nq	# 80
88) Benzo(b)fluoranthene	23.96	252	429966	44.596	nq	100
89) Benzo(k)fluoranthene	24.03	252	413471	43.066	nq	97
90) Benzo(a)pyrene	24.86	252	416775	44.808	nq	99
91) Dibenzo(a,h)anthracene	28.86	278	406268	43.868	nq	99
92) Benzo(g,h,i)perylene	29.99	276	404085	44.274	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: BG038586.D

Acq: 15 Dec 2018 3:01

Instrument :

BNA_G

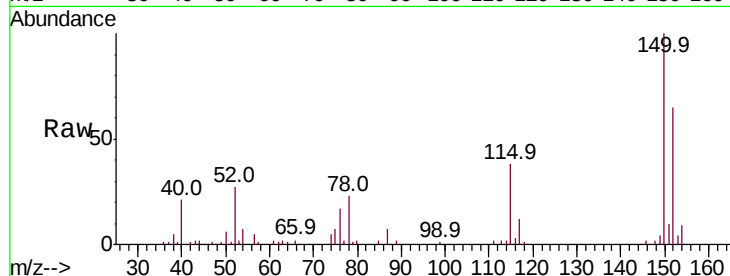
ClientSampleId :

PB115581BS

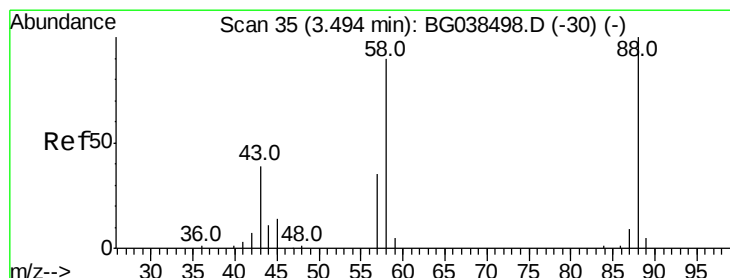
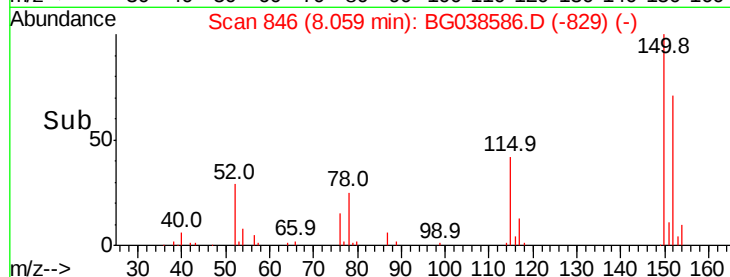
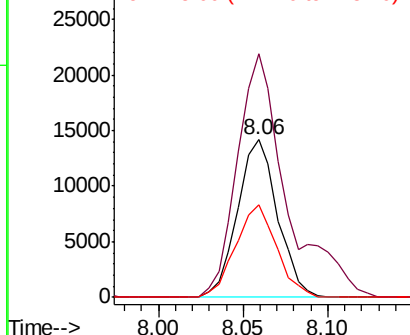
Tot Ion:	152	Resp:	23459
Ion Ratio	Lower	Upper	
152	100		
150	154.4	119.5	179.3
115	59.0	49.6	74.4

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.299 ng

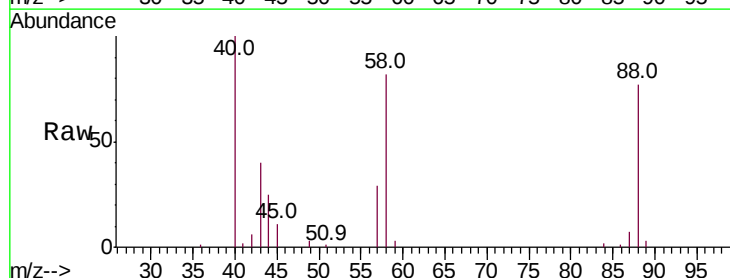
RT: 3.49 min Scan# 68

Delta R.T. -0.01 min

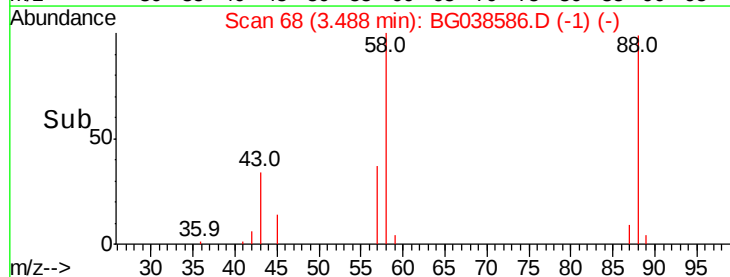
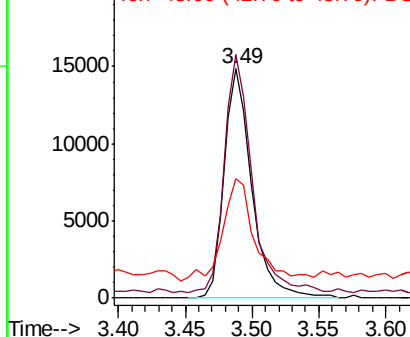
Lab File: BG038586.D

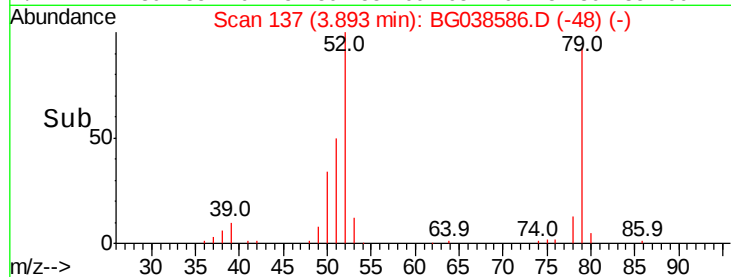
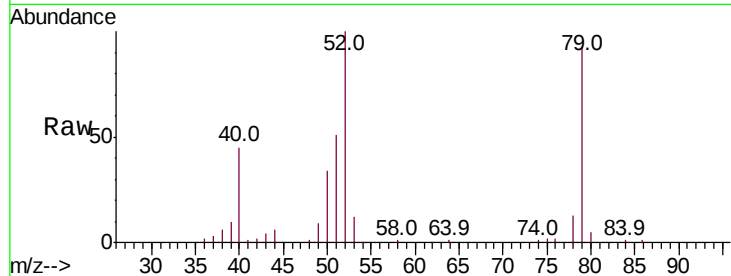
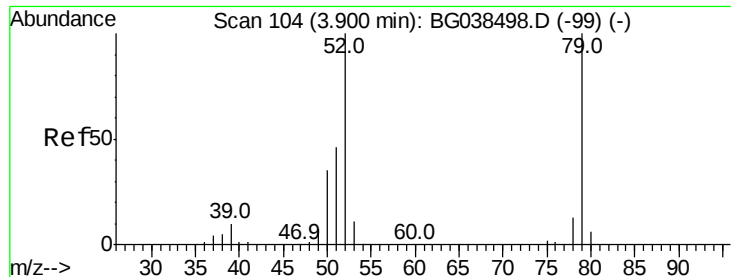
Acq: 15 Dec 2018 3:01

Tgt Ion:	88	Resp:	21729
Ion Ratio	Lower	Upper	
88	100		
58	103.5	75.7	113.5
43	49.7	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





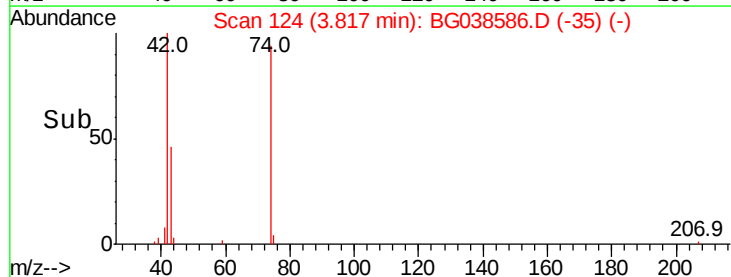
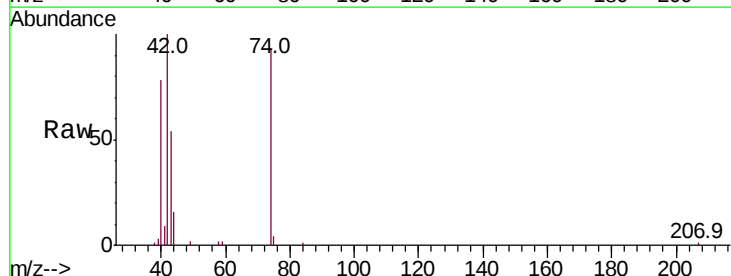
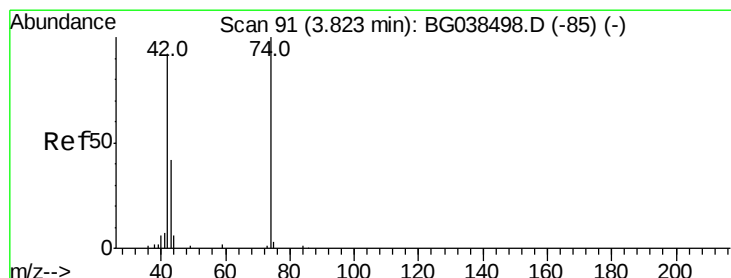
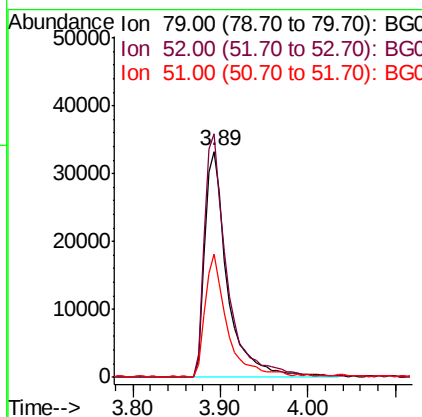
#3
Pvridine
Concen: 35.625 ng
RT: 3.89 min Scan# 137
Delta R.T. -0.01 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Tot Ion: 79 Resp: 60378
Ion Ratio Lower Upper
79 100
52 107.7 80.2 120.2
51 54.4 38.0 57.0

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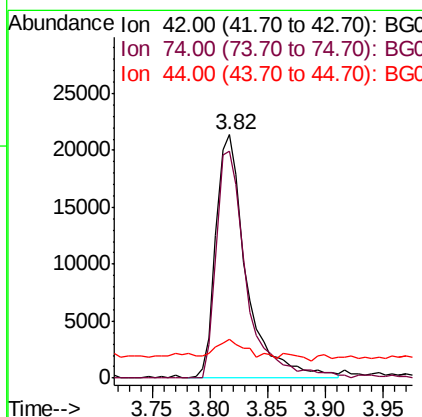
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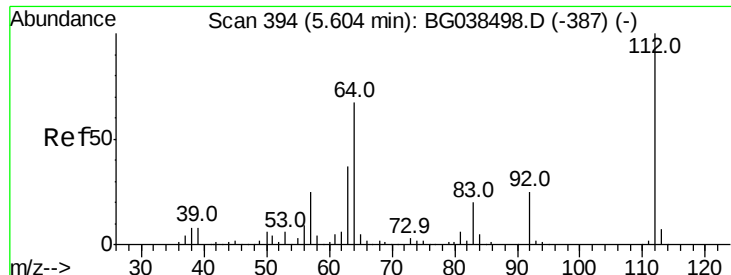
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#4
n-Nitrosodimethylamine
Concen: 47.388 ng
RT: 3.82 min Scan# 124
Delta R.T. -0.01 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Tgt Ion: 42 Resp: 39352
Ion Ratio Lower Upper
42 100
74 93.1 86.7 130.1
44 16.0 7.8 11.8#





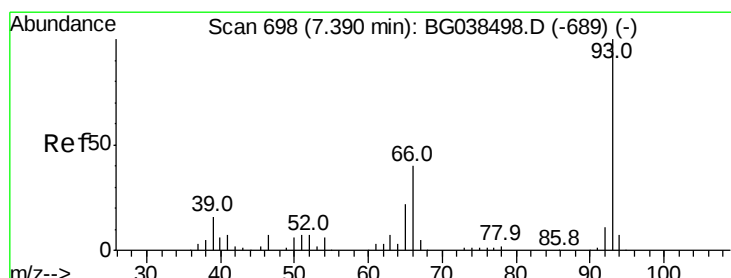
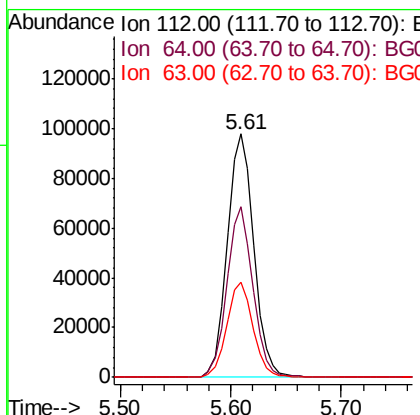
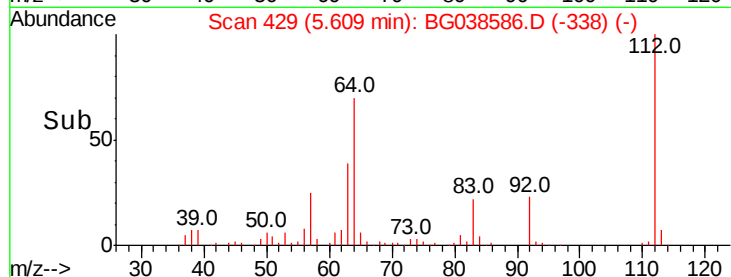
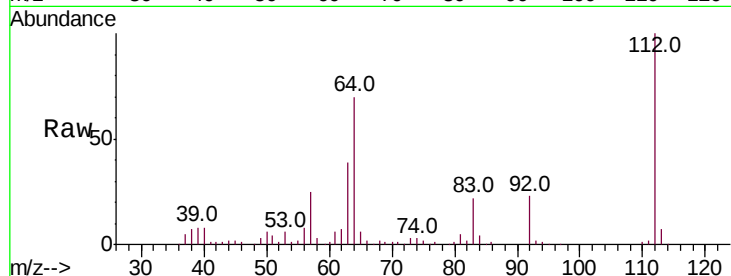
#5
2-Fluorophenol
Concen: 124.965 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB115581BS

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	70.0	53.4	80.2
63	38.8	29.3	43.9

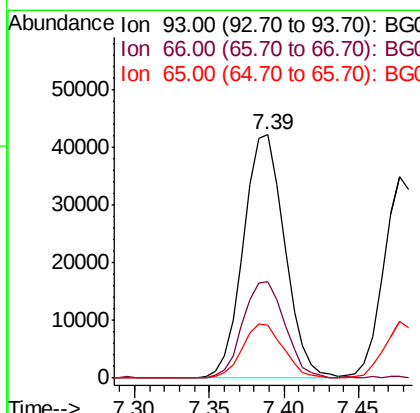
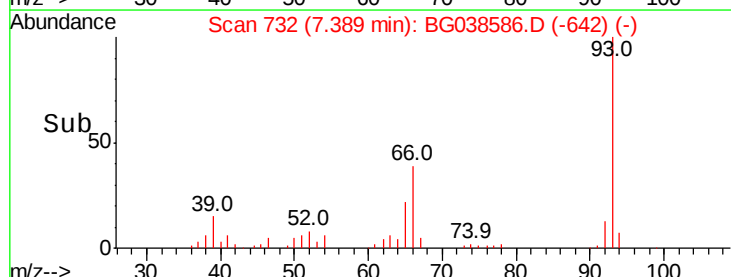
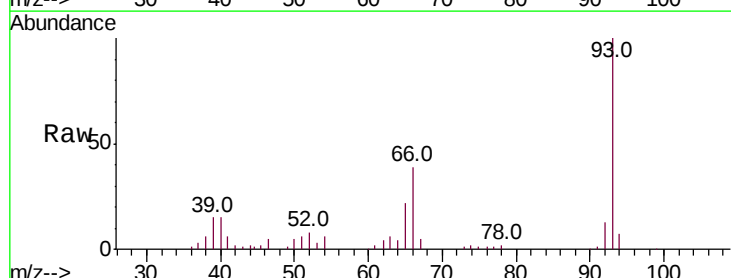
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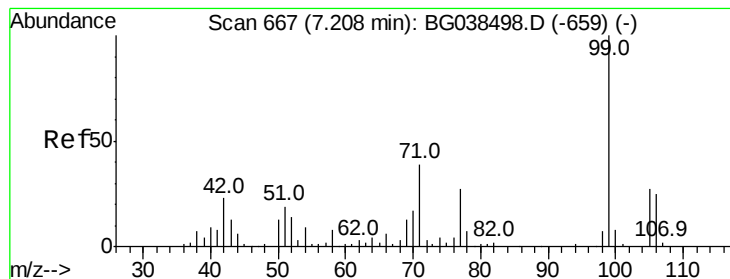
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#6
Aniline
Concen: 34.938 ng
RT: 7.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	39.4	31.7	47.5
65	21.7	17.8	26.6





#7

Phenol-d6

Concen: 117.528 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB115581BS

Tot Ion: 99 Resp: 213398

Ion Ratio Lower Upper

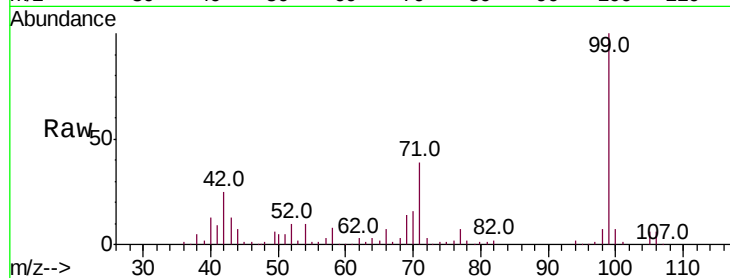
99 100

42 25.3 18.5 27.7

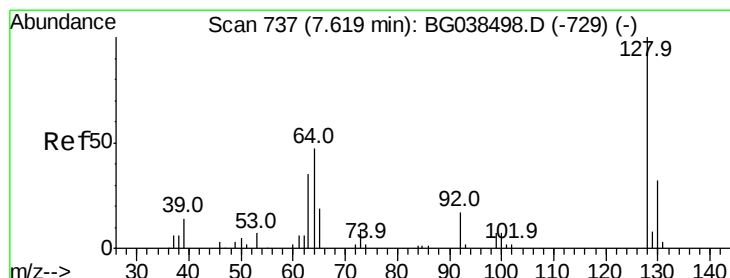
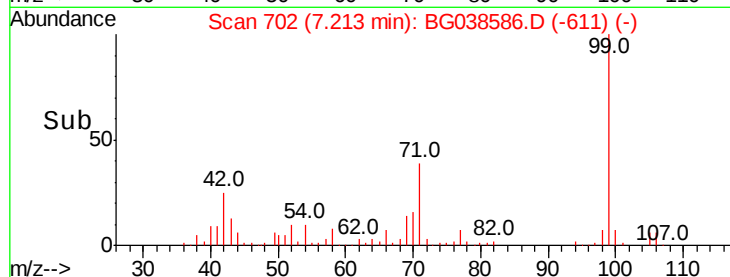
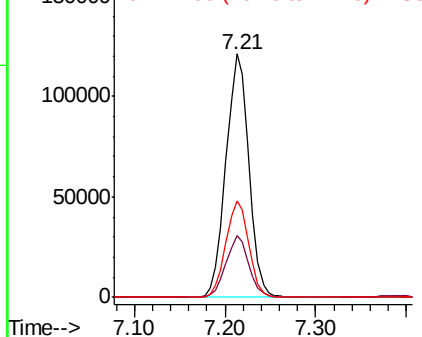
71 39.4 31.1 46.7

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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: 43.145 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

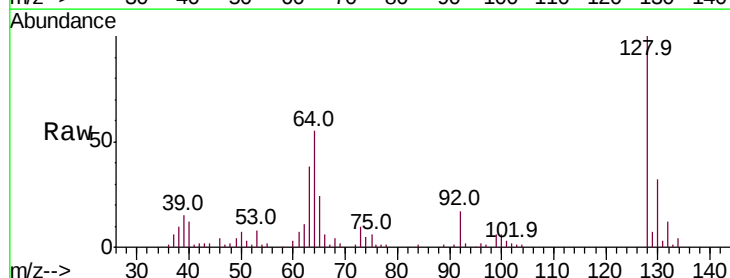
Tgt Ion: 128 Resp: 66038

Ion Ratio Lower Upper

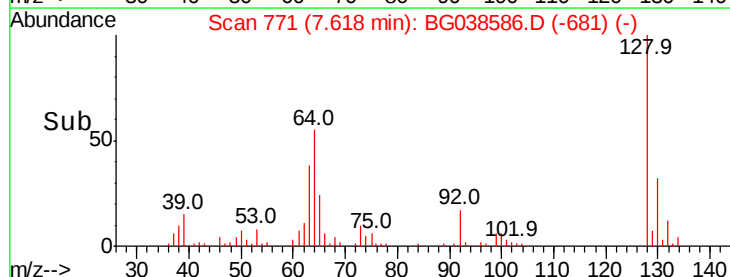
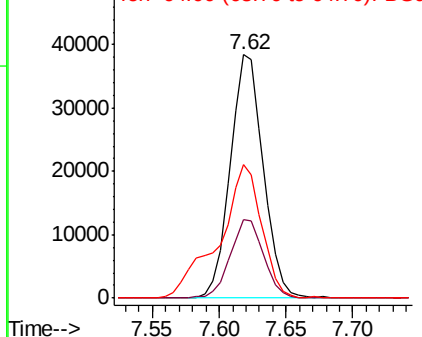
128 100

130 32.1 11.8 51.8

64 54.7 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: 20.864 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB115581BS

Tot Ion: 77 Resp: 24576

Ion Ratio Lower Upper

77 100

105 97.3 74.0 114.0

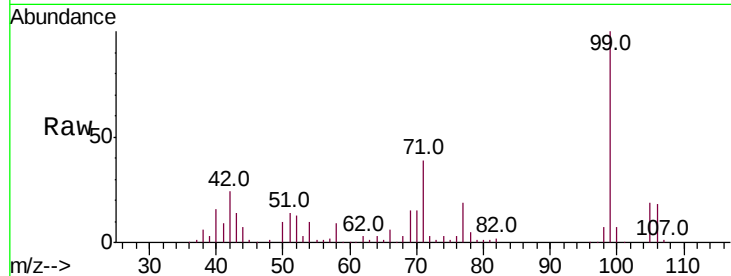
106 92.8 73.9 113.9

Manual Integrations

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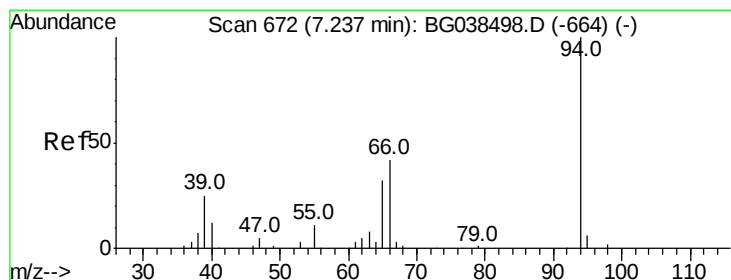
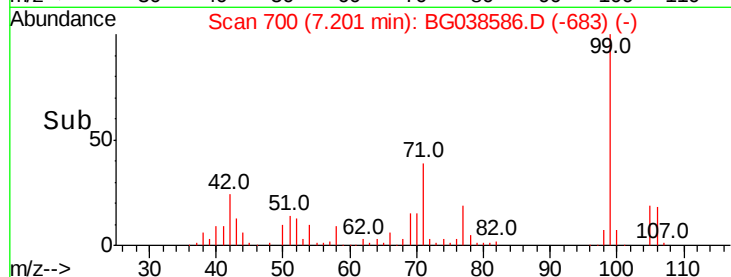
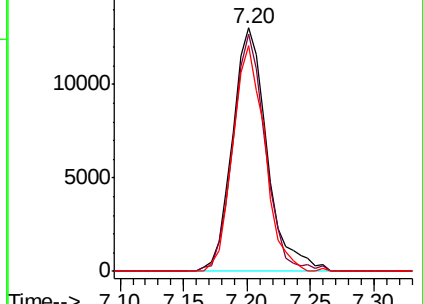
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.740 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

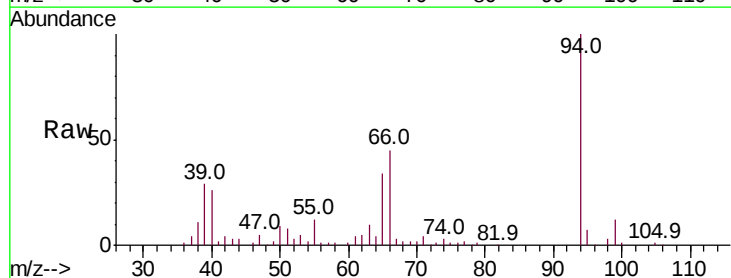
Tgt Ion: 94 Resp: 84376

Ion Ratio Lower Upper

94 100

65 34.2 12.6 52.6

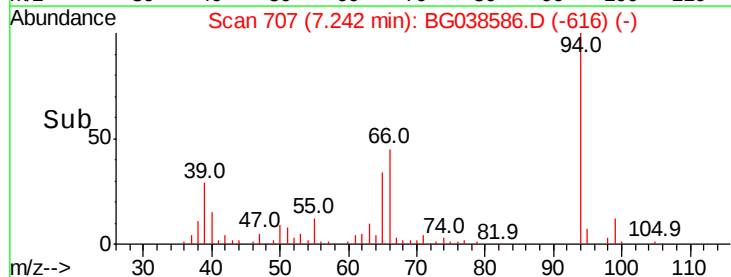
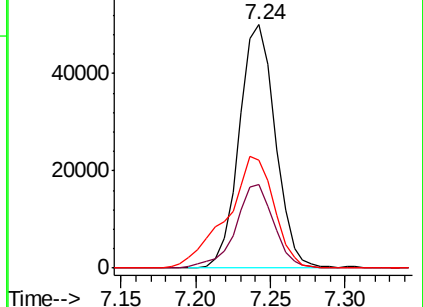
66 44.5 24.1 64.1



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: 38.227 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Instrument :

BNA_G

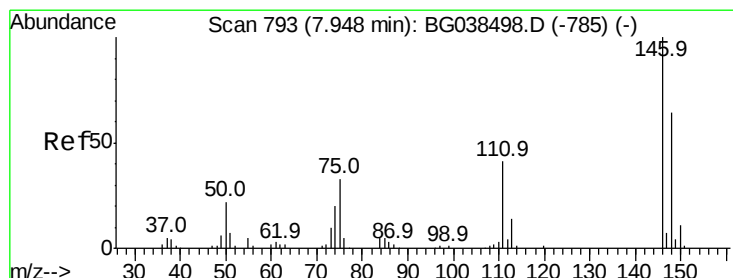
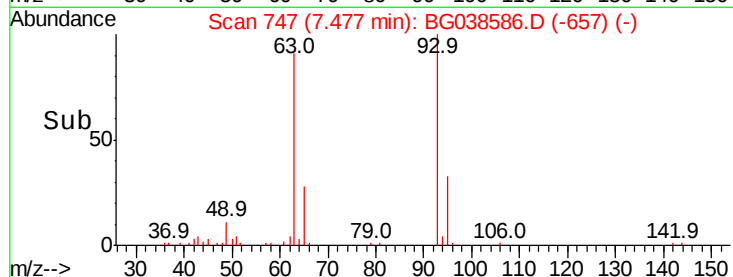
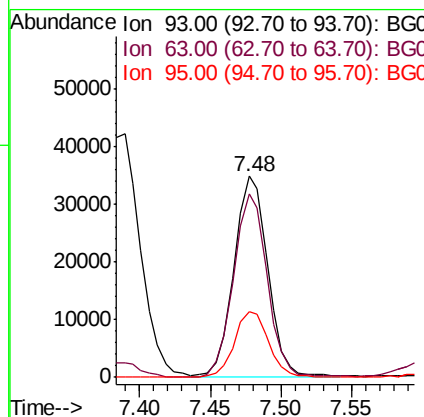
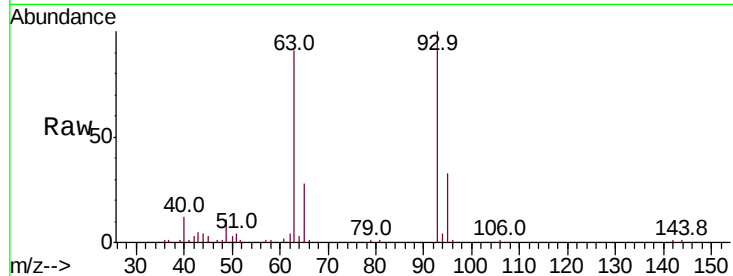
ClientSampleId :

PB115581BS

Tot Ion:	93	Resp:	58710
Ion	Ratio	Lower	Upper
93	100		
63	91.3	72.2	112.2
95	32.8	11.2	51.2

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#12

1,3-Dichlorobenzene

Concen: 38.555 ng

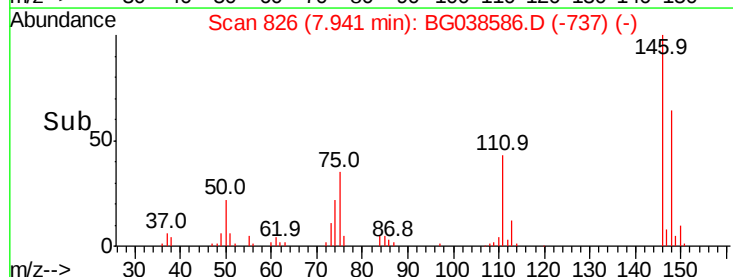
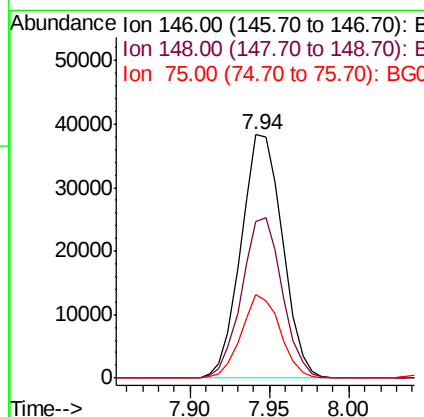
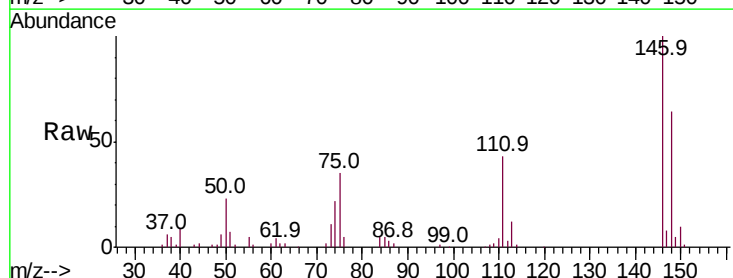
RT: 7.94 min Scan# 826

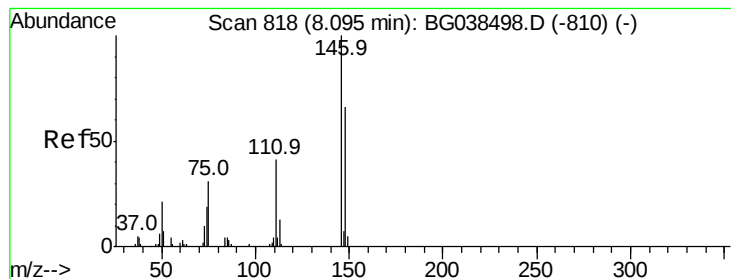
Delta R.T. -0.01 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Tgt Ion:	146	Resp:	69775
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.0
75	34.5	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 38.501 ng

RT: 8.09 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Instrument :

BNA_G

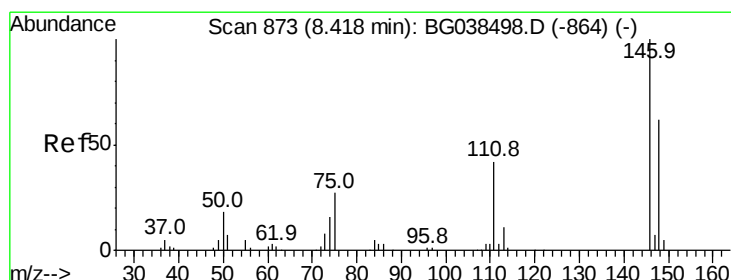
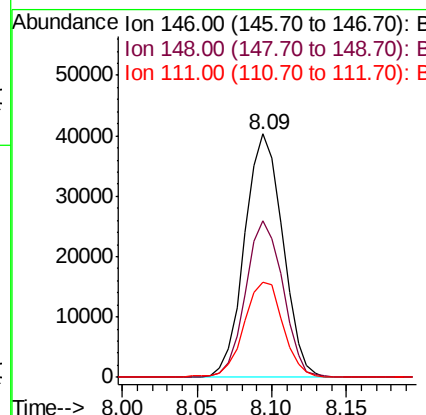
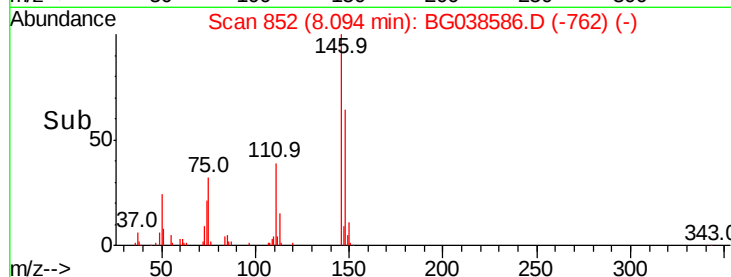
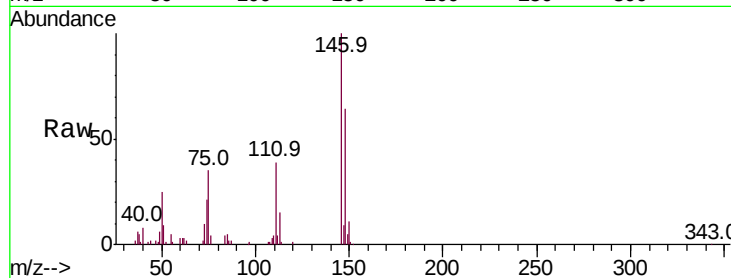
ClientSampleId :

PB115581BS

Tot Ion:	146	Resp:	71361
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.4	78.6
111	39.3	33.0	49.4

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#14

1,2-Dichlorobenzene

Concen: 38.654 ng

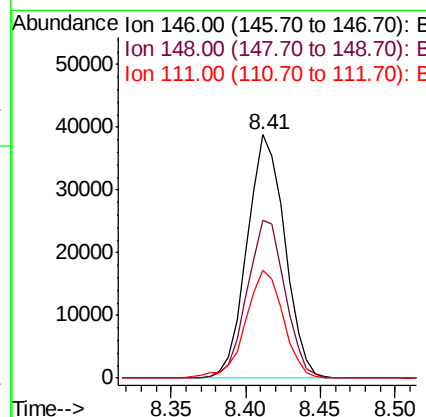
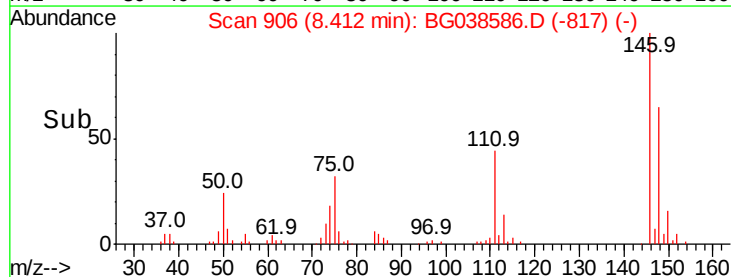
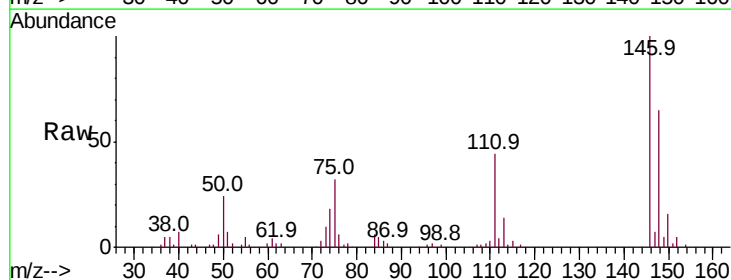
RT: 8.41 min Scan# 906

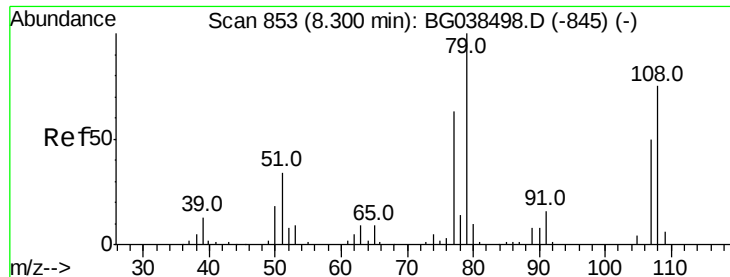
Delta R.T. -0.01 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Tgt Ion:	146	Resp:	67543
Ion Ratio	Lower	Upper	
146	100		
148	65.0	49.4	74.0
111	44.4	33.8	50.6





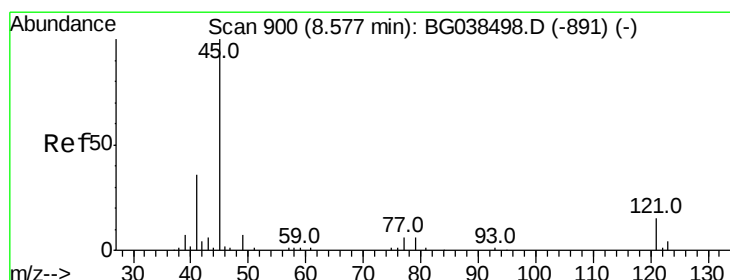
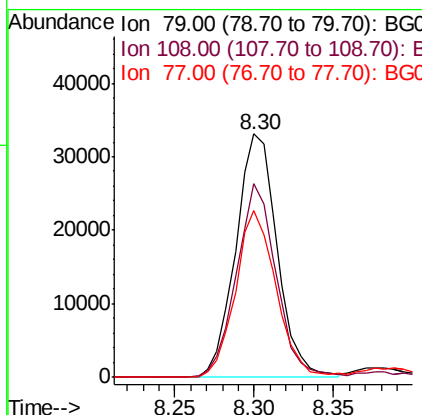
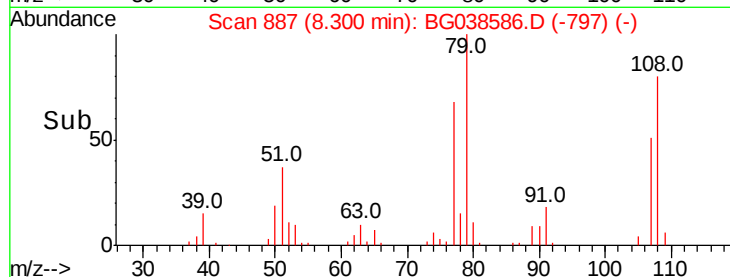
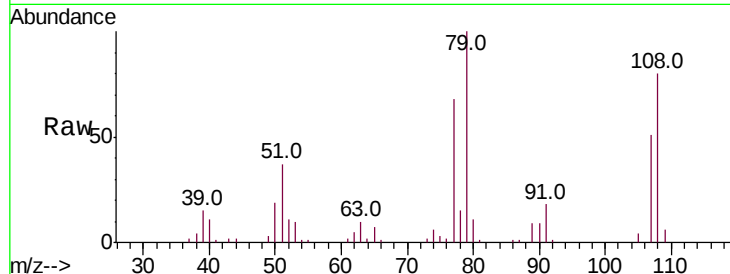
#15
Benzyl Alcohol
Concen: 42.374 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB115581BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.7	60.2	90.4
77	68.4	50.7	76.1

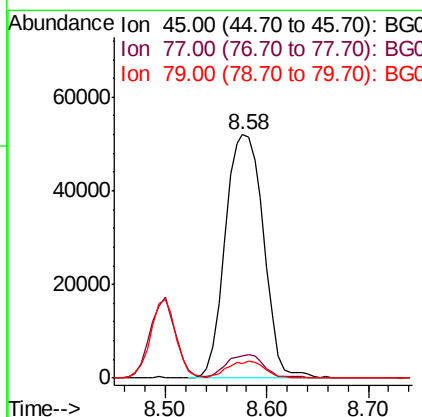
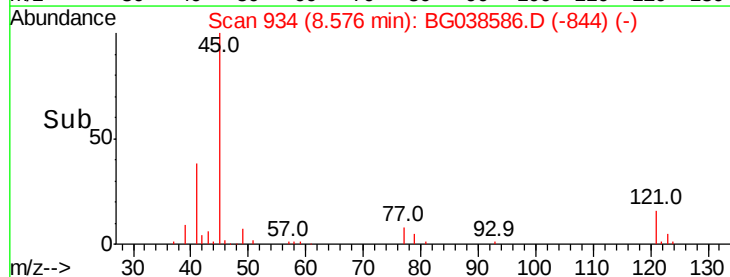
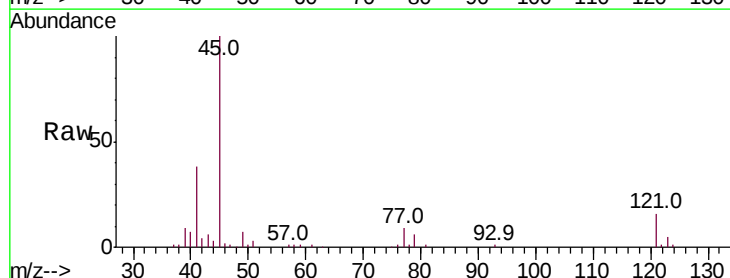
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.487 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Lower	Upper
45	100		
77	8.9	0.0	28.2
79	5.9	0.0	27.2





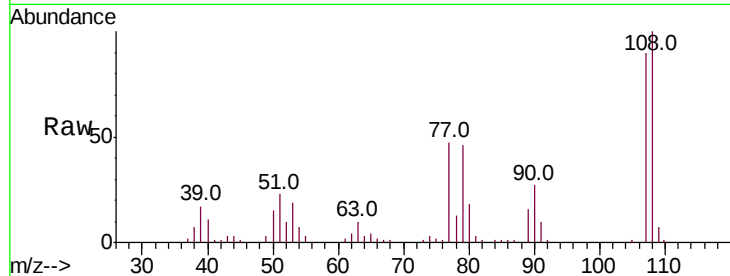
#17
2-Methylphenol
Concen: 45.174 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB115581BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.9	87.1	130.7	
77	52.5	42.0	63.0	
79	50.8	38.2	57.2	

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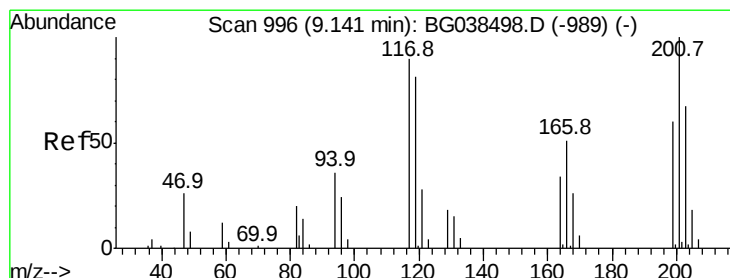
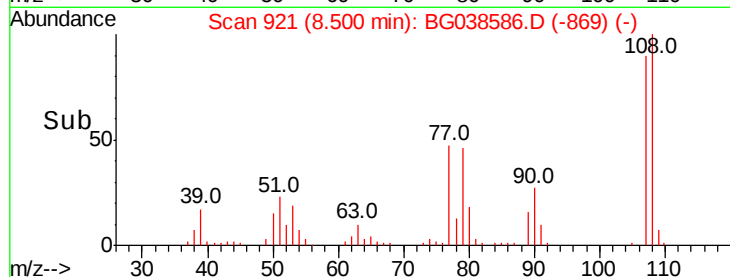
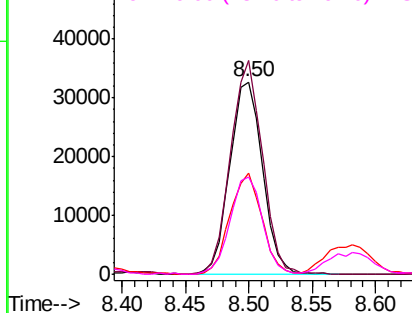
Abundance

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: 38.880 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

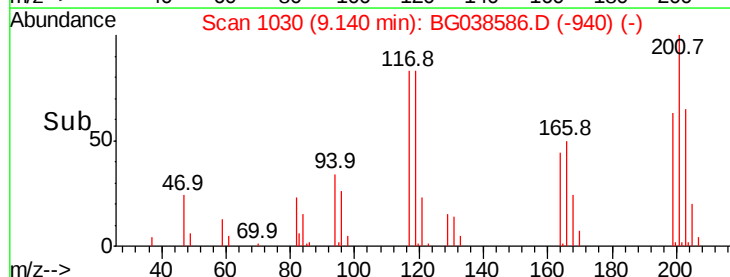
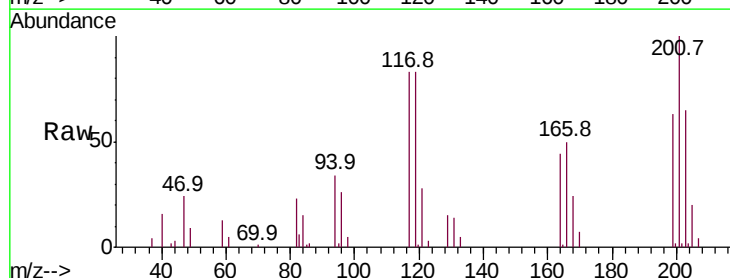
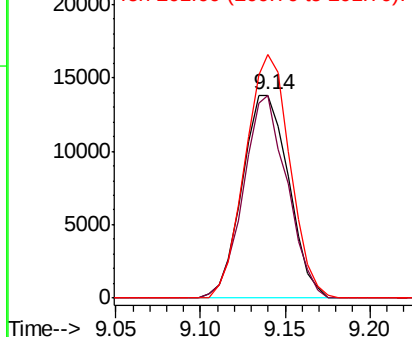
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.0	73.8	110.8	
201	122.7	89.4	134.0	

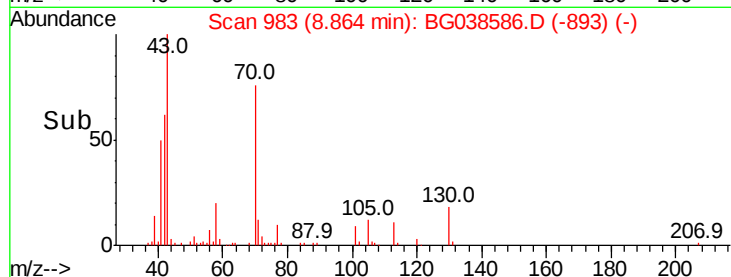
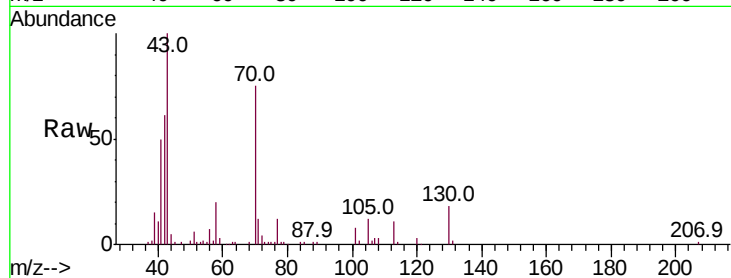
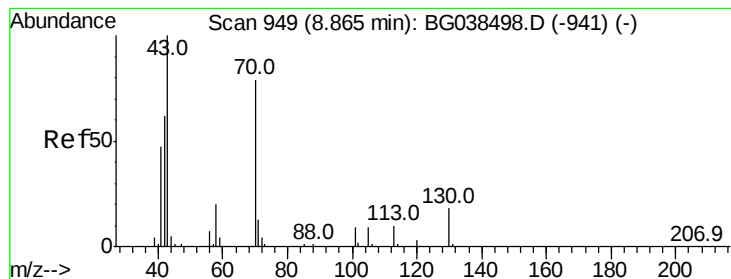
Abundance

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: 38.456 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB115581BS

Tot Ion: 70 Resp: 49042

Ion Ratio Lower Upper

70 100

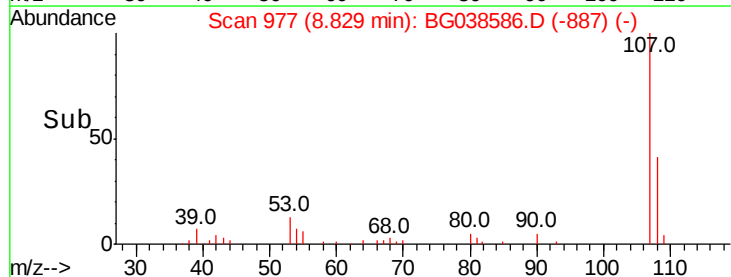
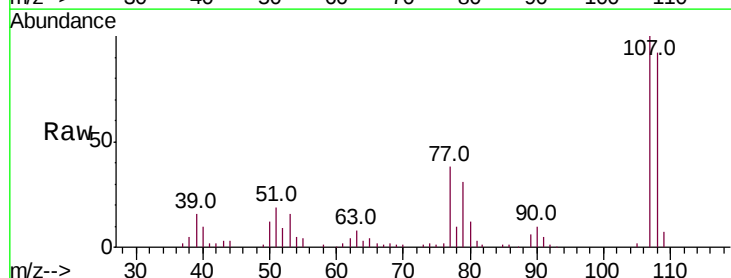
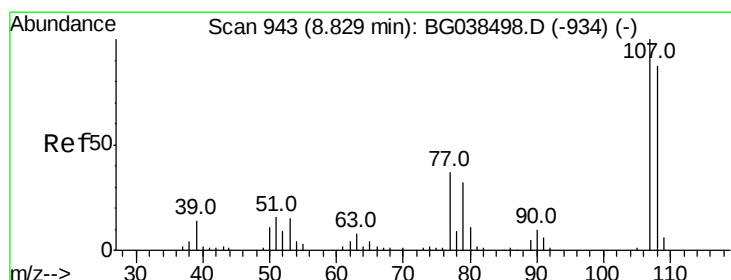
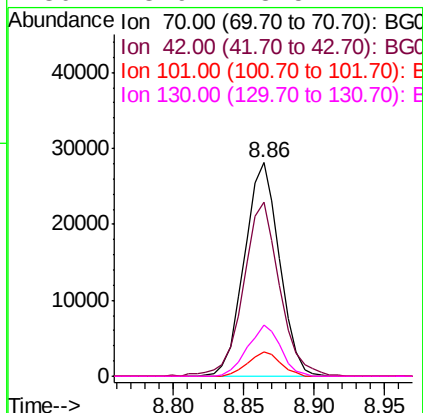
42 81.7 63.6 95.4

101 11.3 9.2 13.8

130 23.9 18.5 27.7

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#20

3+4-Methylphenols

Concen: 43.476 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Tgt Ion: 107 Resp: 77601

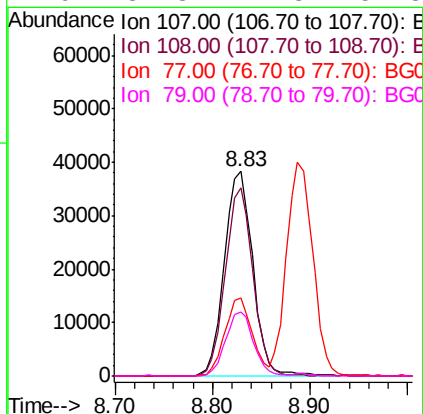
Ion Ratio Lower Upper

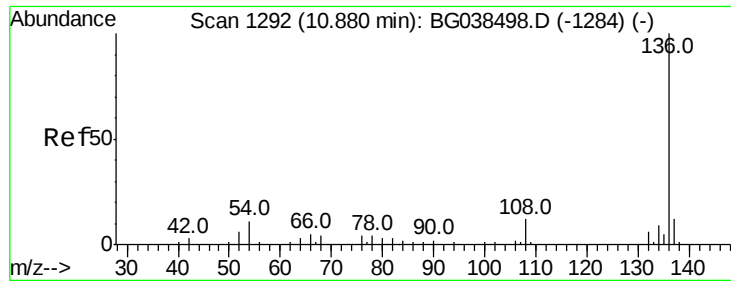
107 100

108 91.9 66.7 106.7

77 38.4 17.3 57.3

79 31.3 12.3 52.3





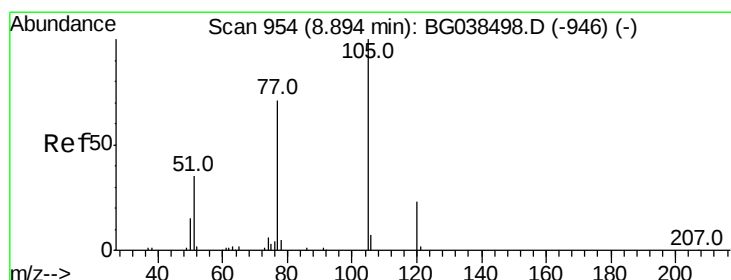
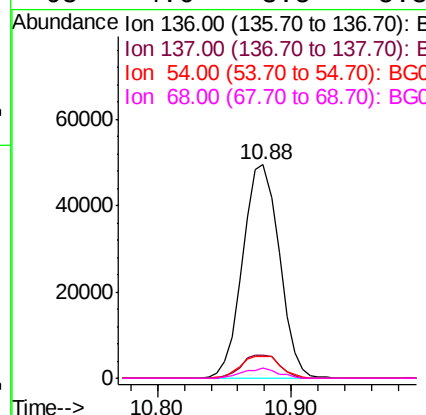
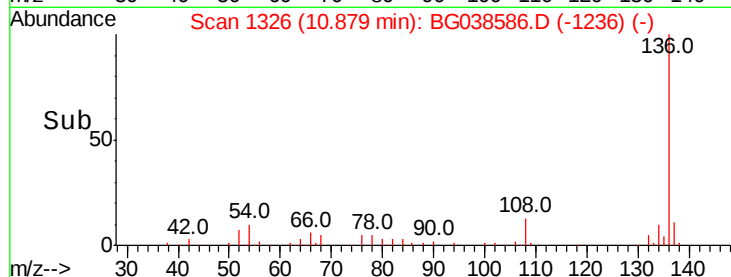
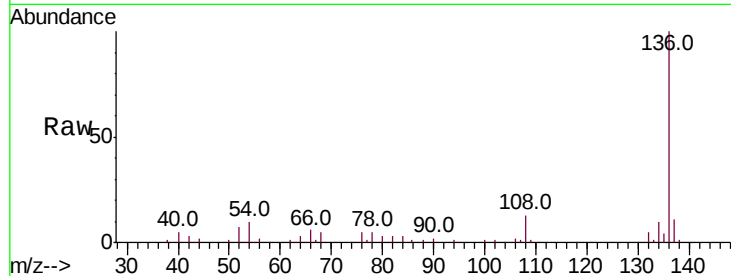
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB115581BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.3	13.9	
54	10.2	8.5	12.7	
68	4.6	3.5	5.3	

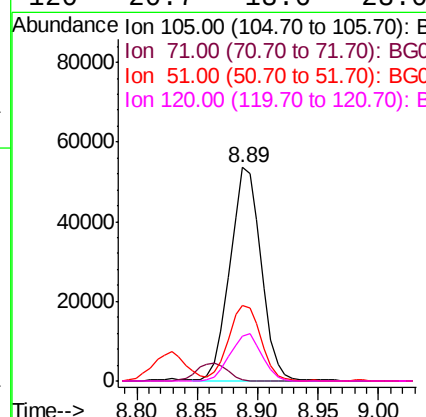
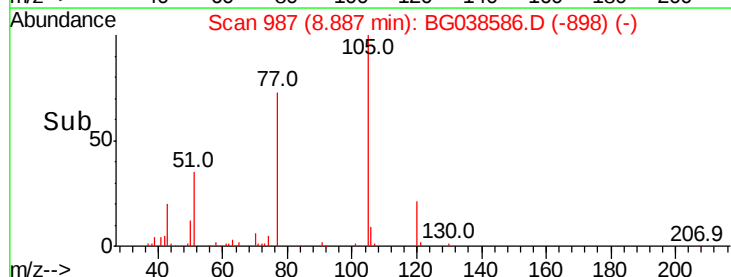
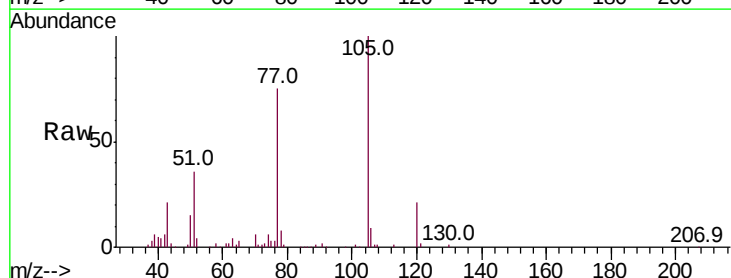
Manual Integrations
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#22
Acetophenone
Concen: 41.017 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.7	0.4	0.6#	
51	35.6	30.6	46.0	
120	20.7	18.6	28.0	





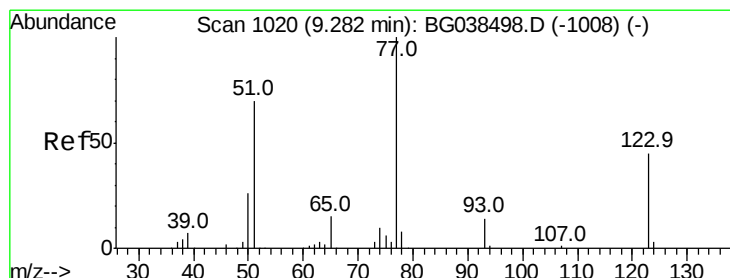
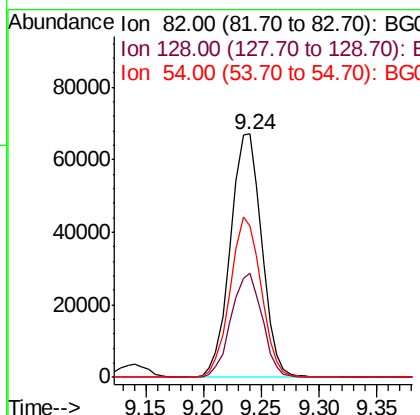
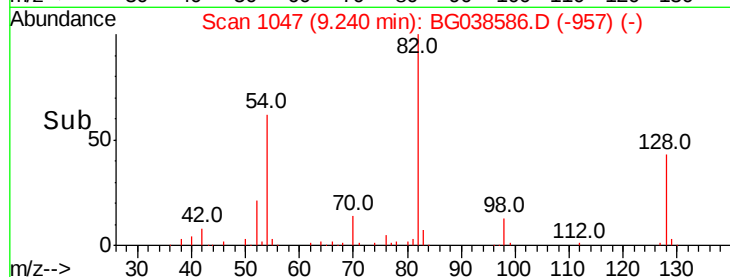
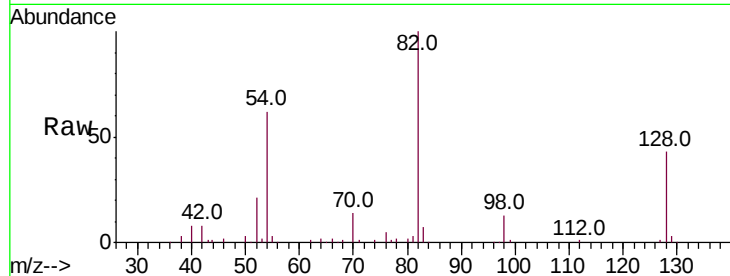
#23
Nitrobenzene-d5
Concen: 68.695 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB115581BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	52.0
54	62.3	50.6	76.0

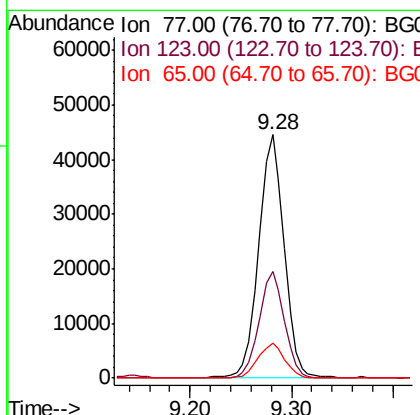
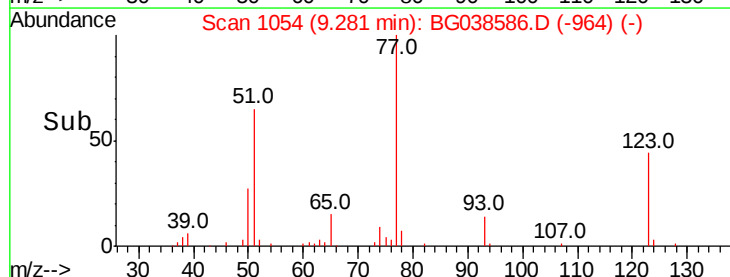
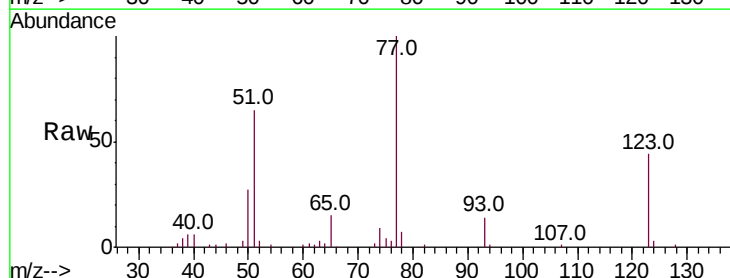
Manual Integrations
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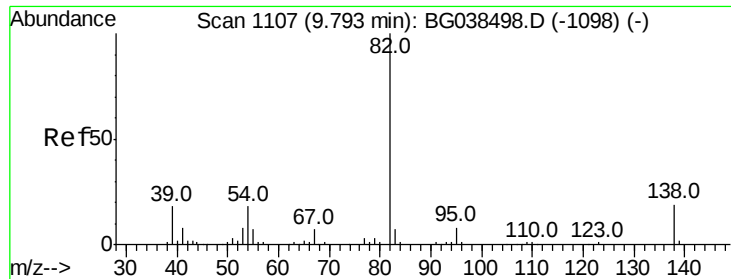
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#24
Nitrobenzene
Concen: 41.659 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	35.9	53.9
65	14.6	12.0	18.0





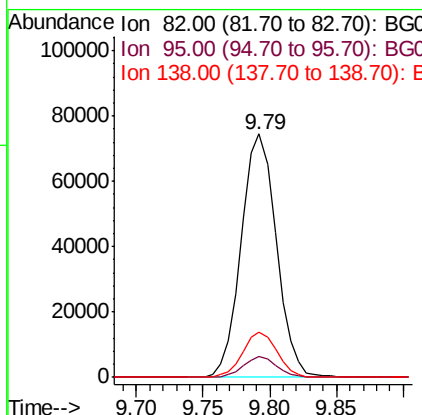
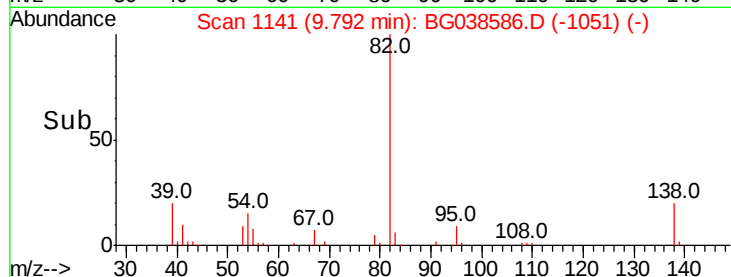
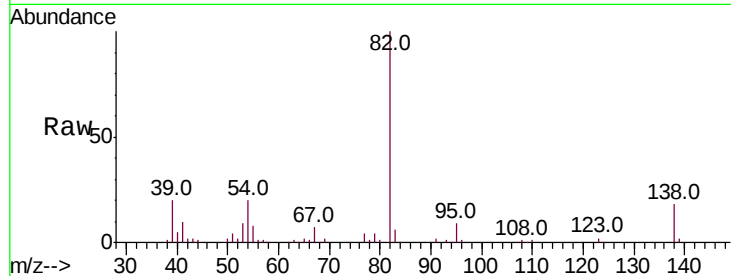
#25
Isophorone
Concen: 41.069 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB115581BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.7	6.1	9.1	
138	18.5	14.9	22.3	

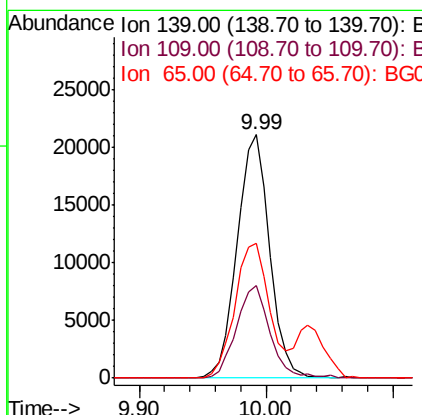
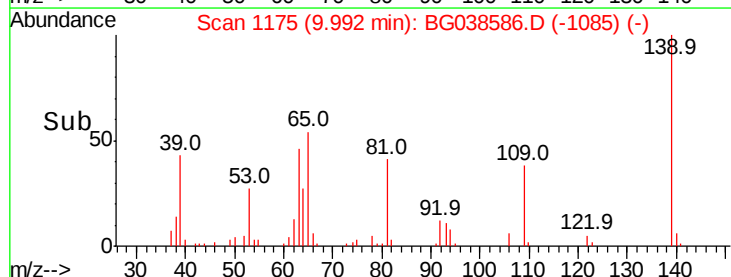
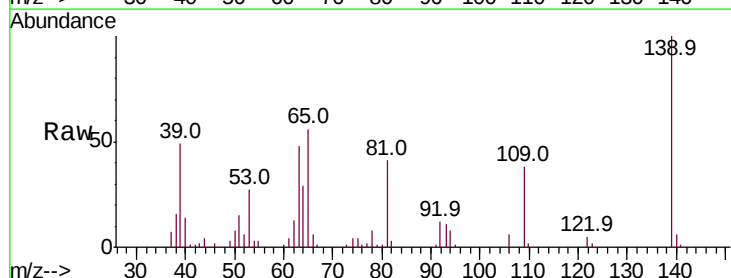
Manual Integrations
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#26
2-Nitrophenol
Concen: 39.343 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	37.8	29.5	44.3	
65	55.5	48.5	72.7	





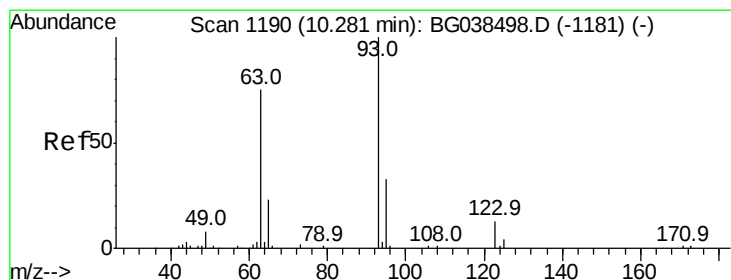
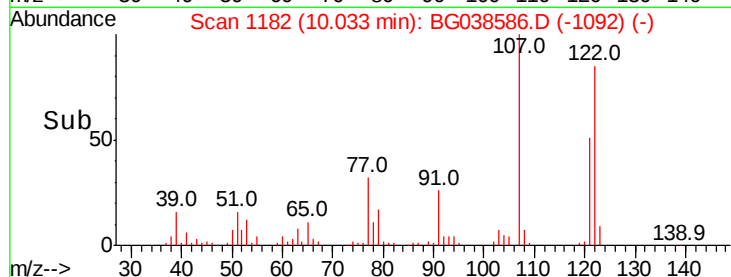
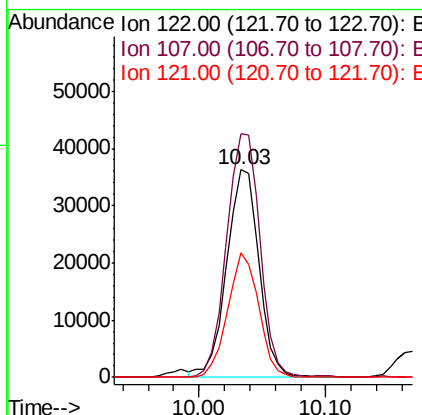
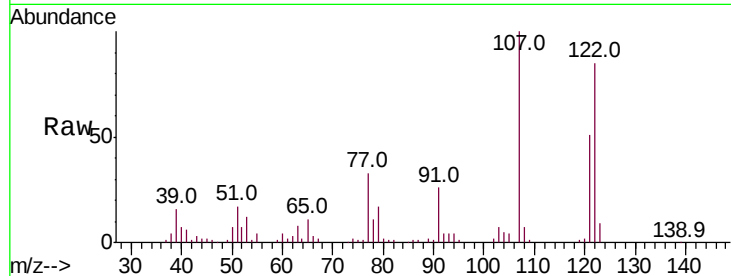
#27
 2,4-Dimethylphenol
 Concen: 46.701 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038586.D
 Acq: 15 Dec 2018 3:01

Instrument :
 BNA_G
 ClientSampleId :
 PB115581BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.5	98.4	147.6
121	60.4	47.2	70.8

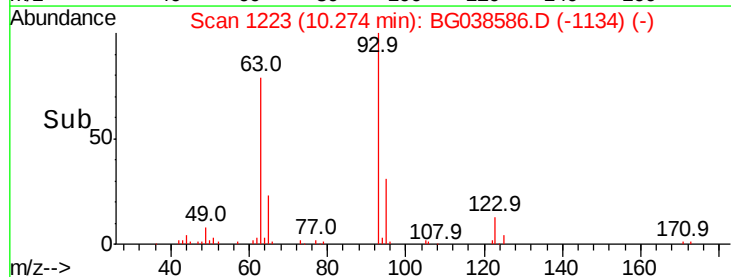
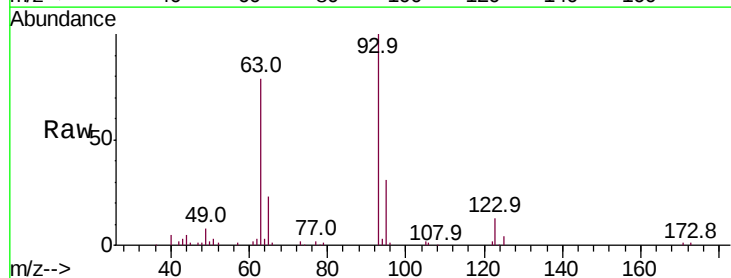
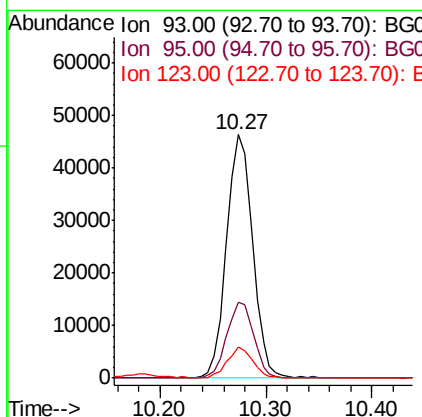
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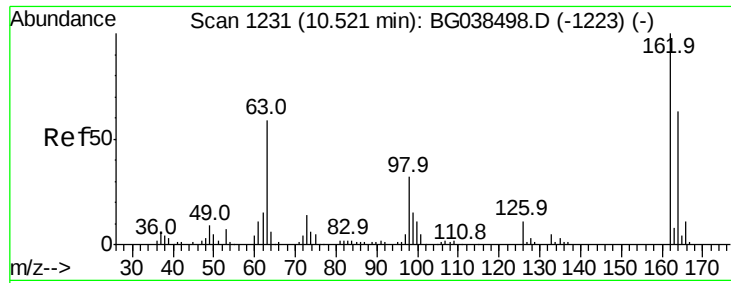
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.383 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038586.D
 Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	26.6	40.0
123	12.6	10.6	16.0





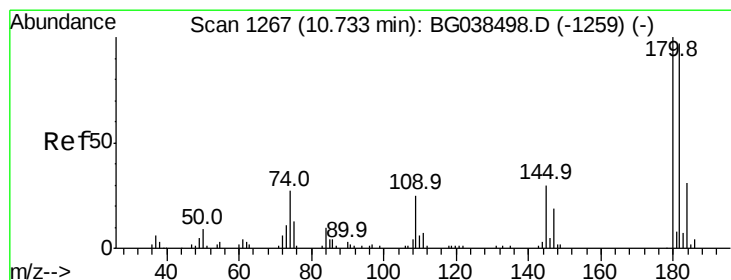
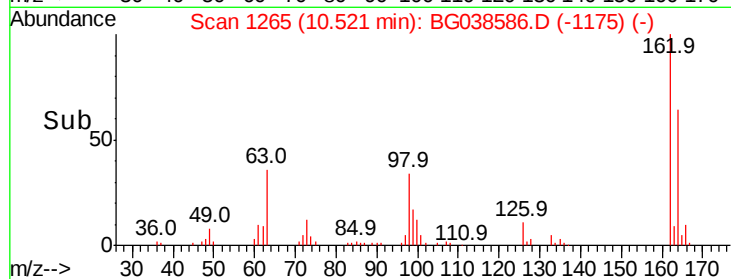
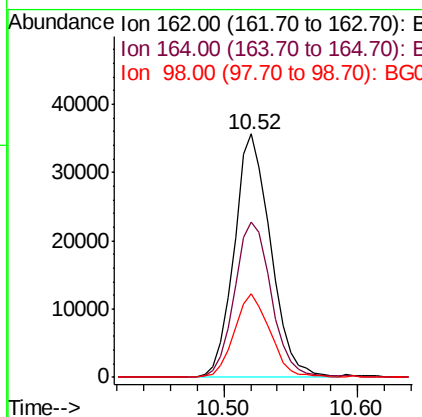
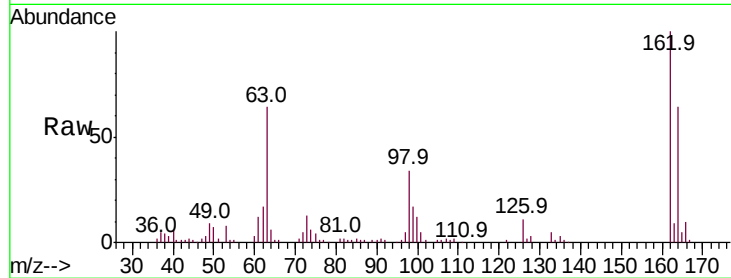
#29
 2,4-Dichlorophenol
 Concen: 44.331 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038586.D
 Acq: 15 Dec 2018 3:01

Instrument :
 BNA_G
 ClientSampleId :
 PB115581BS

Tot Ion:	162	Resp:	67385
Ion Ratio	Lower	Upper	
162	100		
164	63.6	42.9	82.9
98	34.4	12.1	52.1

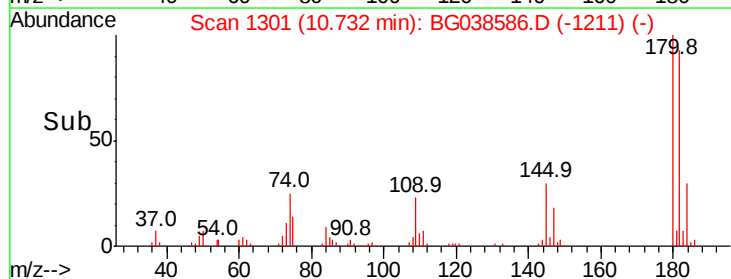
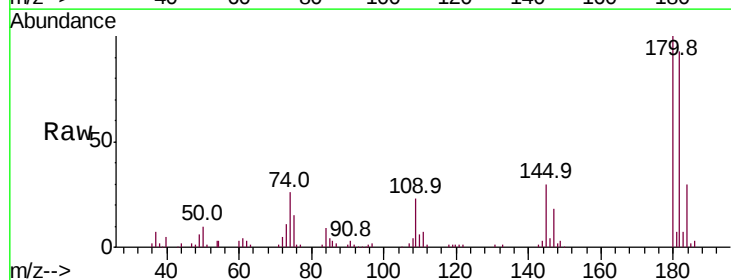
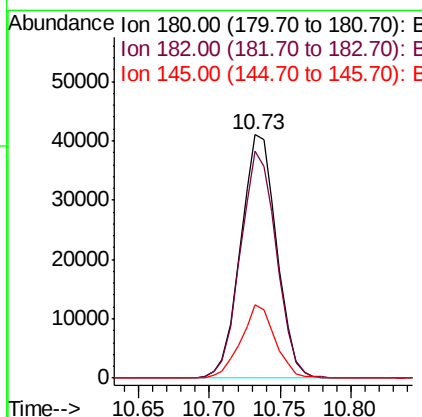
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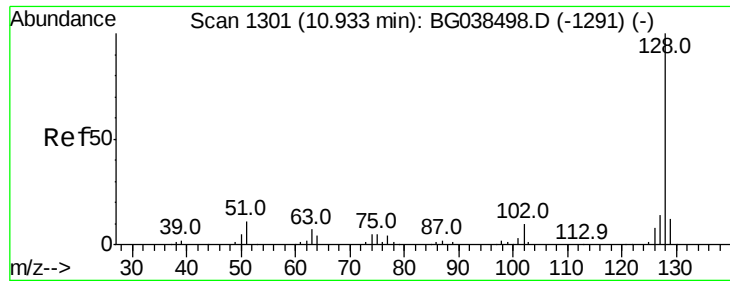
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.817 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038586.D
 Acq: 15 Dec 2018 3:01

Tgt Ion:	180	Resp:	73107
Ion Ratio	Lower	Upper	
180	100		
182	93.4	77.4	116.0
145	30.2	24.1	36.1





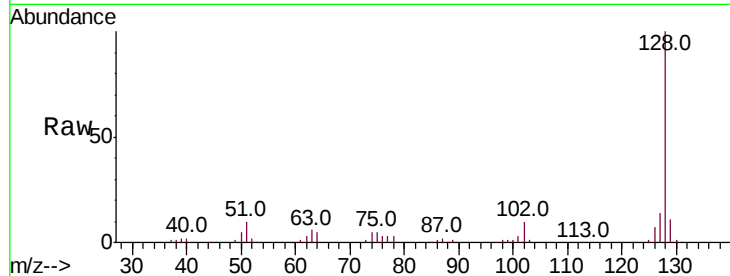
#31
Naphthalene
Concen: 42.904 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB115581BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	198851		
129	11.1	9.5	14.3	
127	13.8	10.9	16.3	

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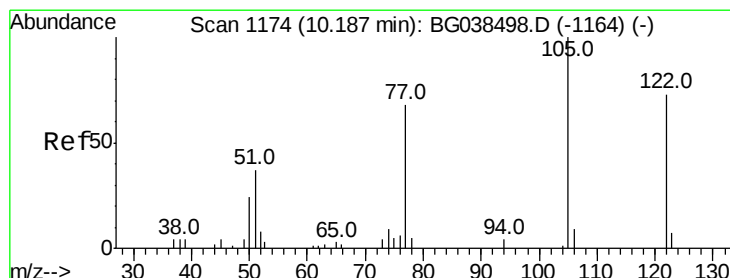
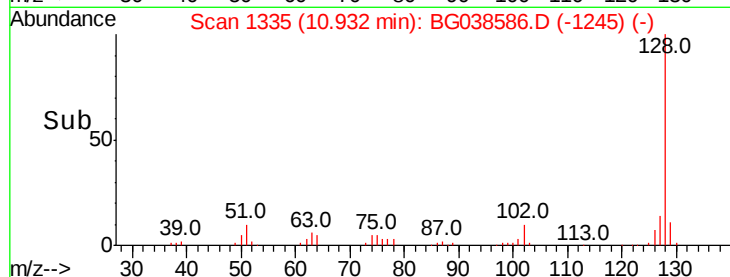
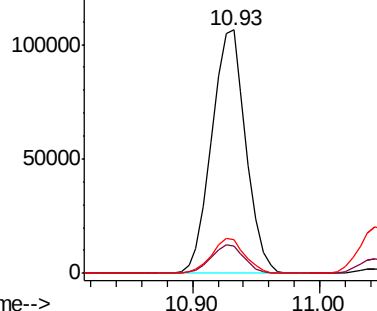


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 35.474 ng m
RT: 10.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

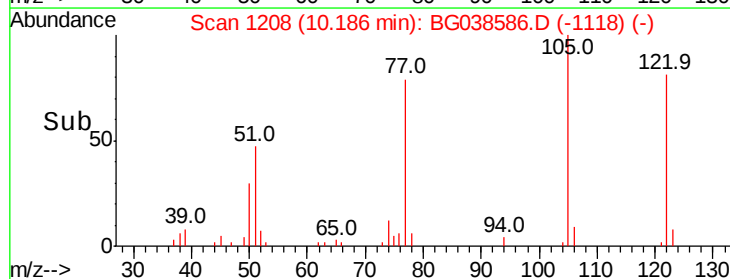
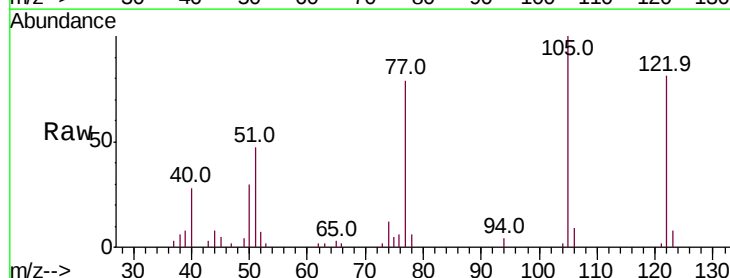
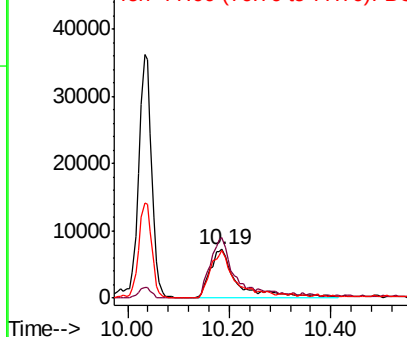
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	27867		
105	123.5	116.7	156.7	
77	97.1	72.5	112.5	

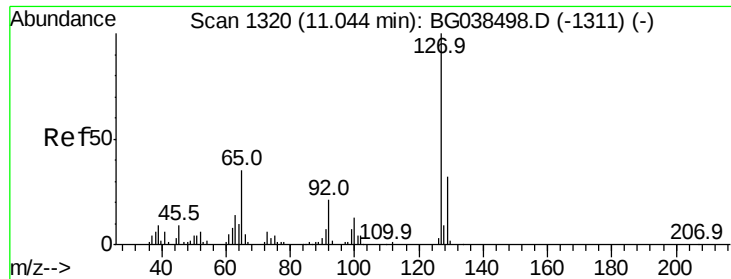
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





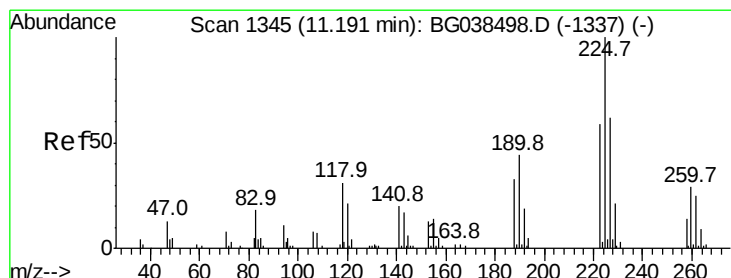
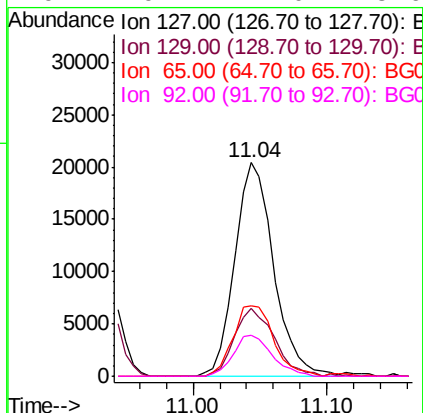
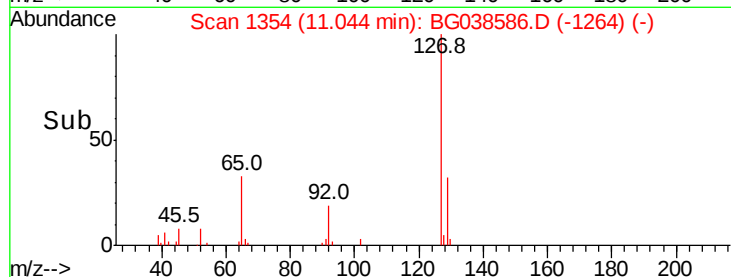
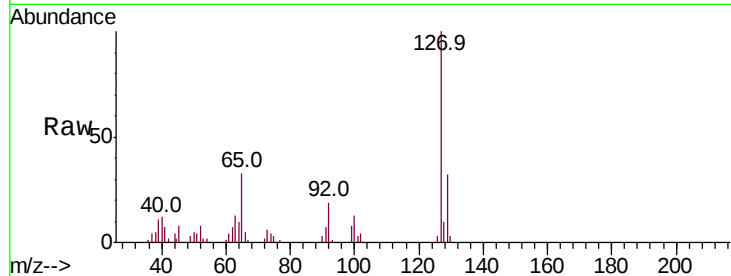
#33
4-Chloroaniline
Concen: 20.484 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB115581BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.8	38.8
65	33.1	27.8	41.6
92	19.2	17.0	25.6

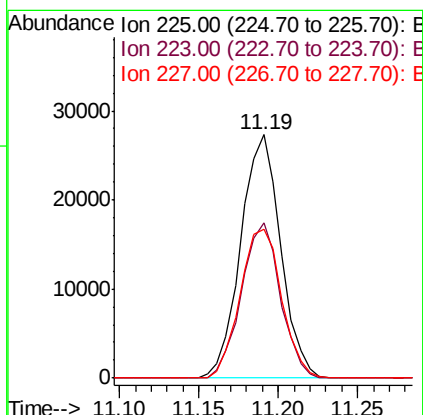
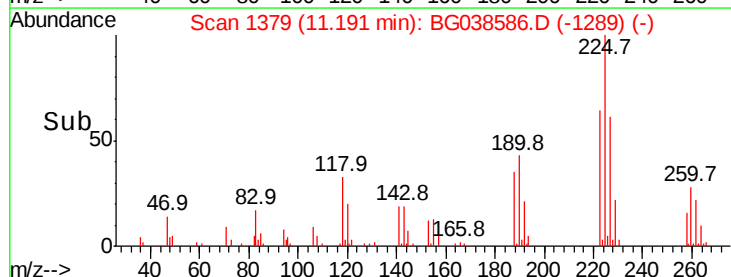
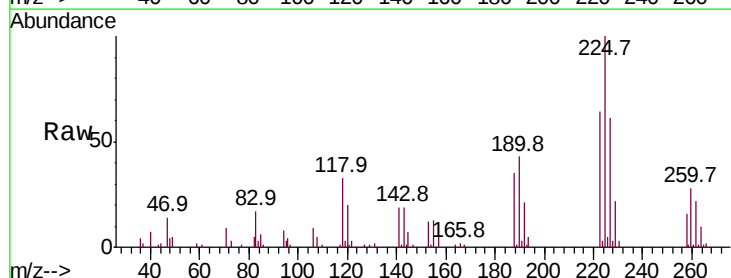
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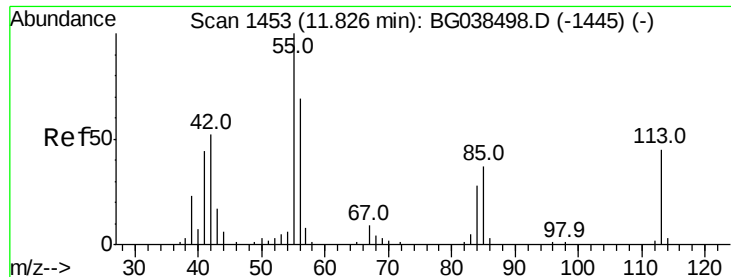
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#34
Hexachlorobutadiene
Concen: 38.456 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	45.0	67.6
227	61.0	50.6	75.8





#35

Caprolactam

Concen: 34.710 ng

RT: 11.83 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Instrument :

BNA_G

ClientSampleId :

PB115581BS

Tot Ion:113 Resp: 21835

Ion Ratio Lower Upper

113 100

55 247.3 204.3 244.3#

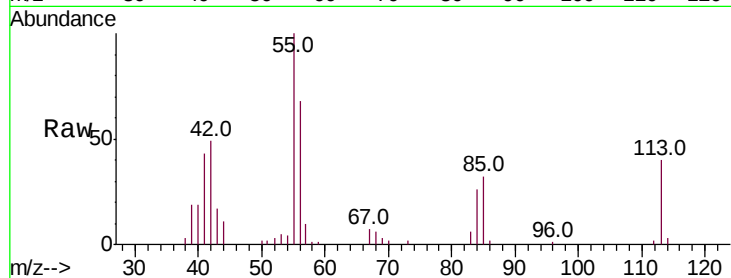
56 167.9 135.0 175.0

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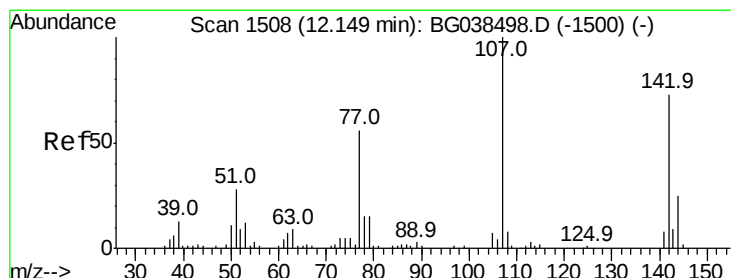
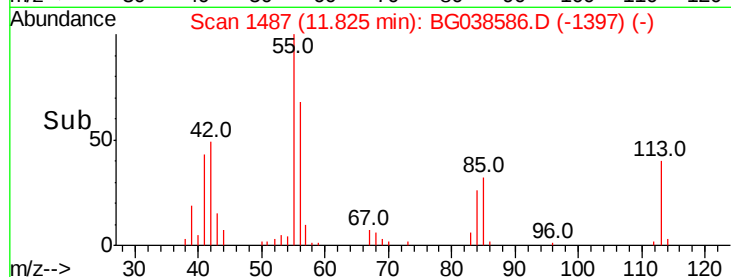
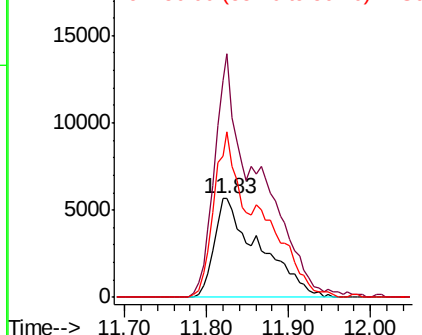
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.366 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

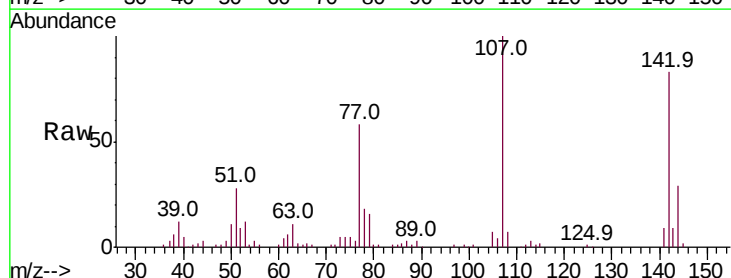
Tgt Ion:107 Resp: 70020

Ion Ratio Lower Upper

107 100

144 29.0 20.1 30.1

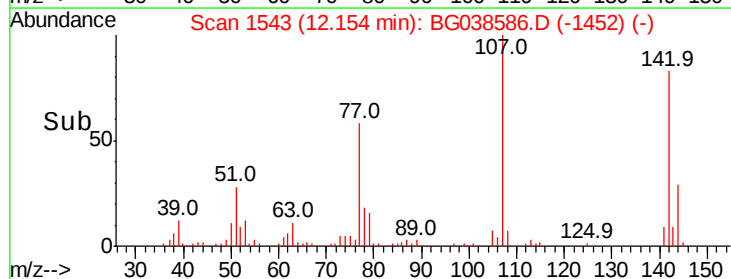
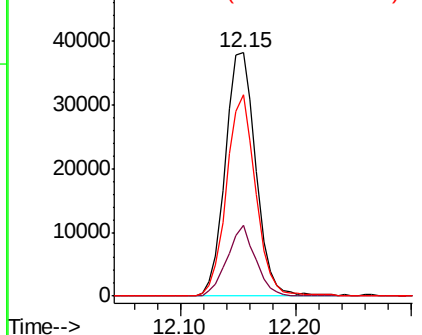
142 82.5 58.7 88.1

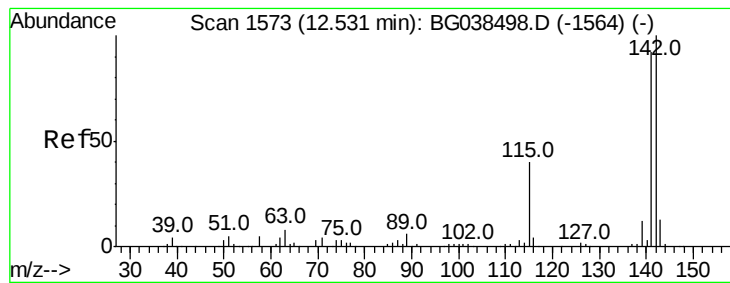


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





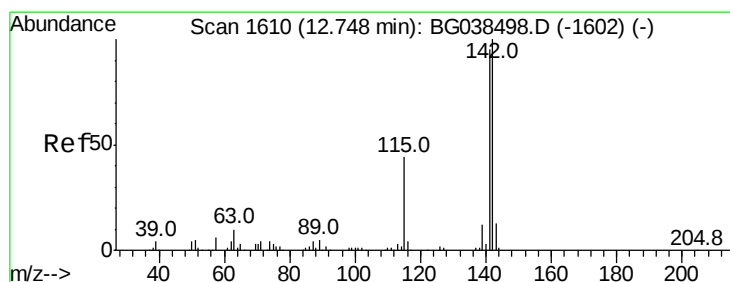
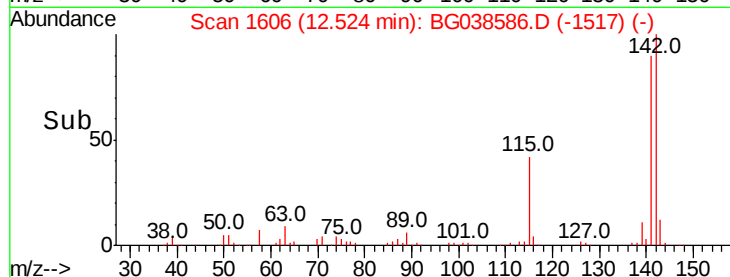
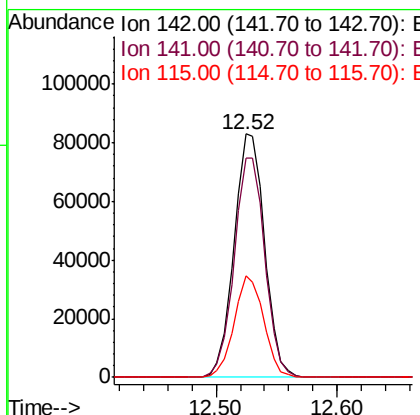
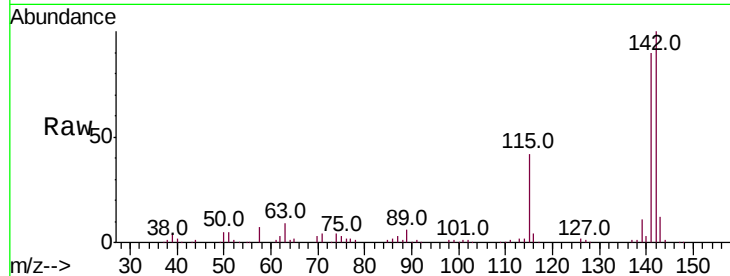
#37
 2-Methylnaphthalene
 Concen: 44.274 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BG038586.D
 Acq: 15 Dec 2018 3:01

Instrument :
 BNA_G
 ClientSampleId :
 PB115581BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.5	110.3
115	41.8	31.7	47.5

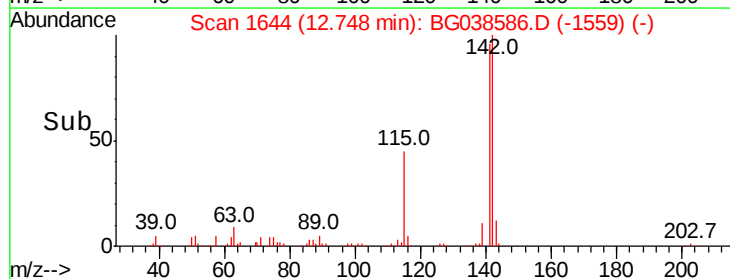
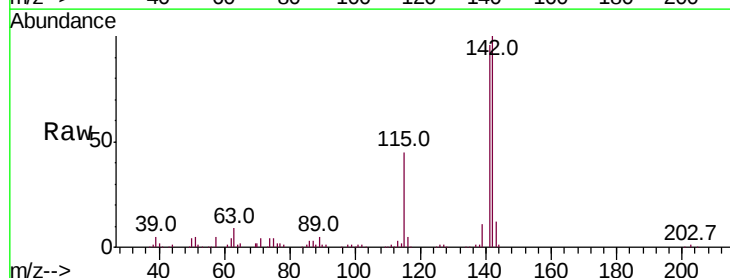
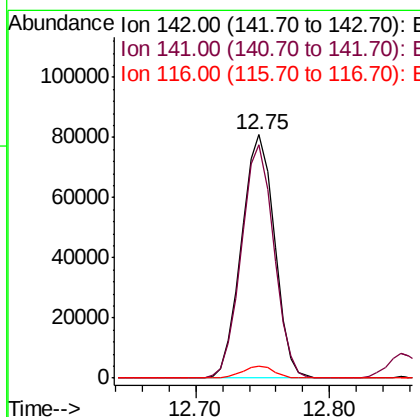
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#38
 1-Methylnaphthalene
 Concen: 43.126 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BG038586.D
 Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	75.8	113.8
116	4.7	3.6	5.4





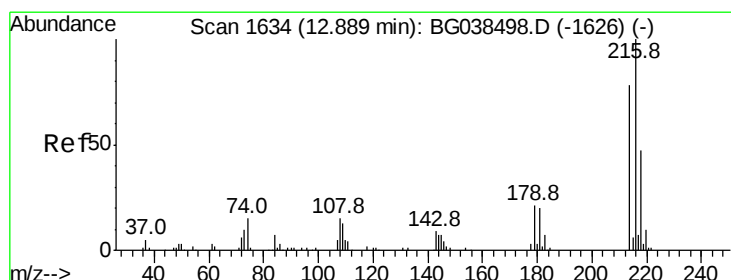
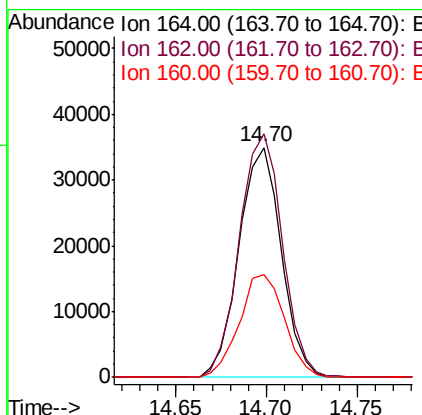
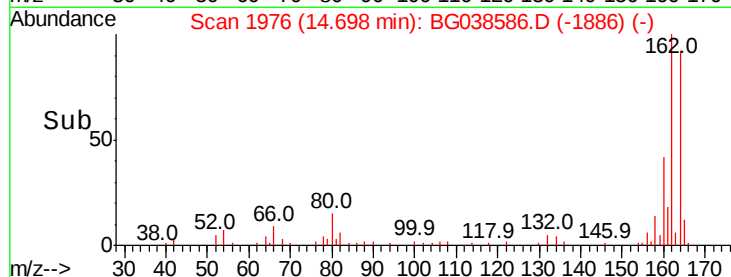
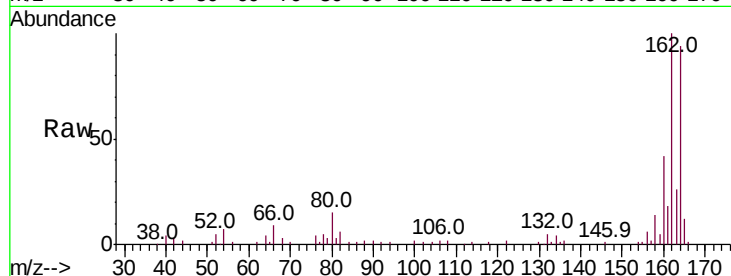
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB115581BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.6	130.0
160	45.0	34.2	51.2

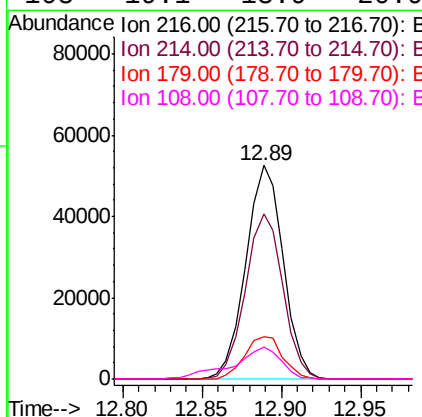
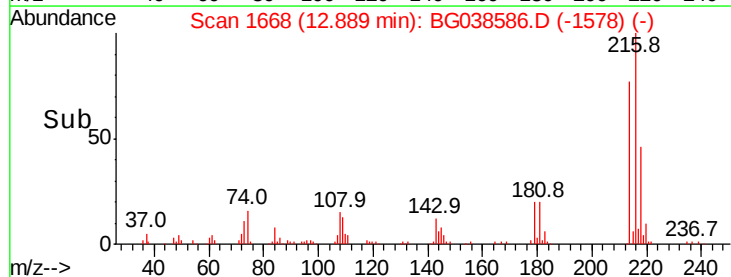
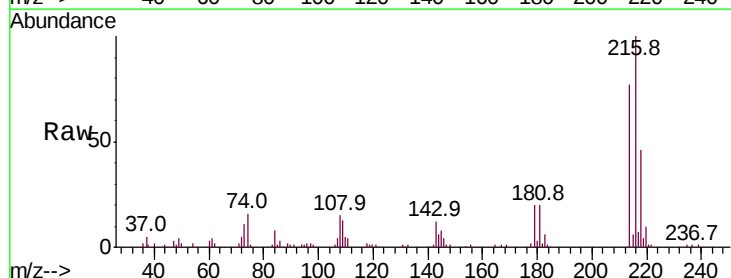
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.377 ng
RT: 12.89 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.3	64.1	96.1
179	20.4	16.4	24.6
108	19.1	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 99.693 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Instrument :

BNA_G

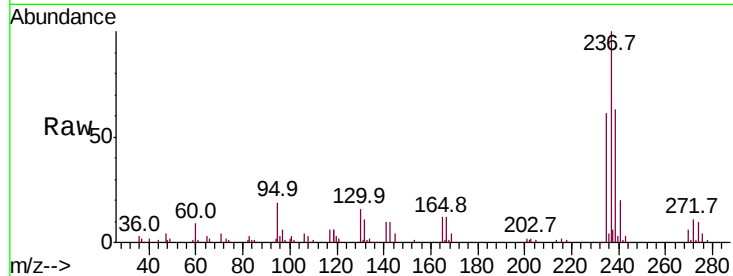
ClientSampleId :

PB115581BS

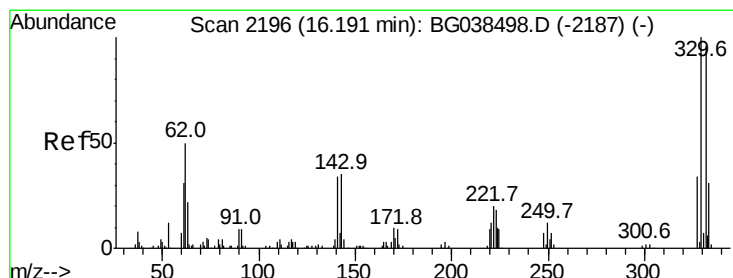
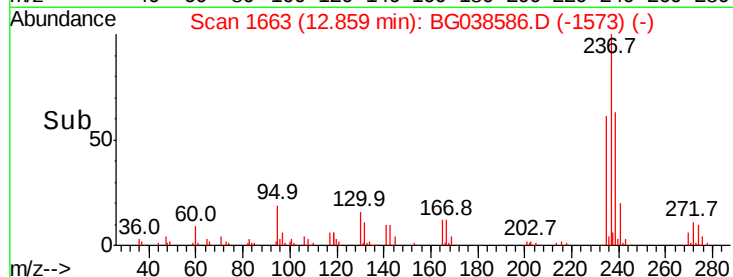
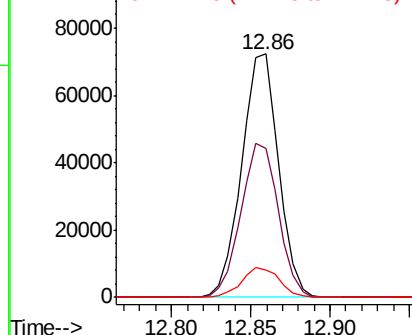
Tot Ion:	237	Resp:	116634
Ion Ratio		Lower	Upper
237	100		
235	61.3	38.8	78.8
272	11.3	0.0	32.0

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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: 120.952 ng

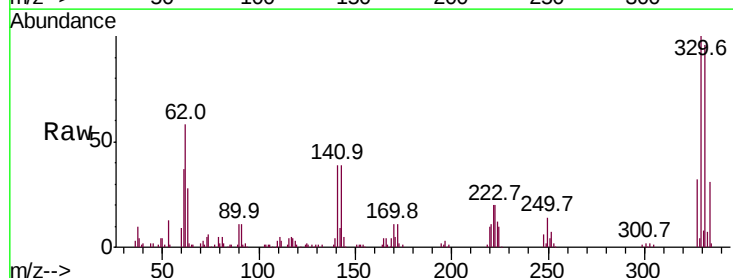
RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

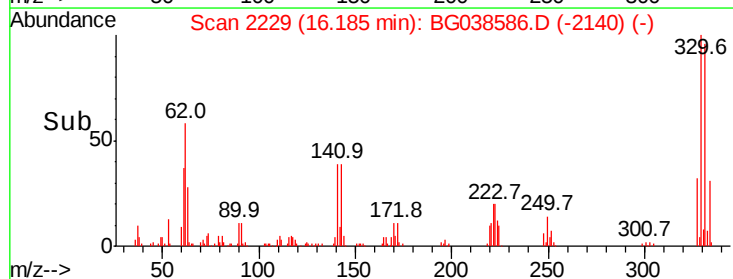
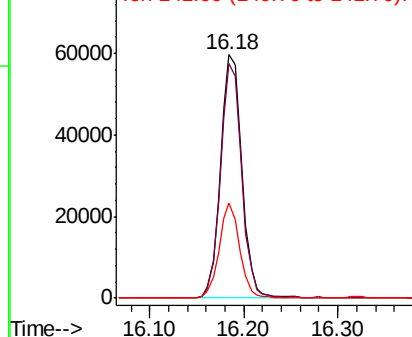
Lab File: BG038586.D

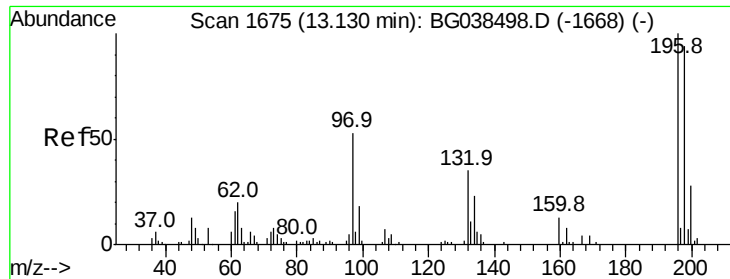
Acq: 15 Dec 2018 3:01

Tgt Ion:	330	Resp:	94964
Ion Ratio		Lower	Upper
330	100		
332	95.0	76.9	115.3
141	37.2	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





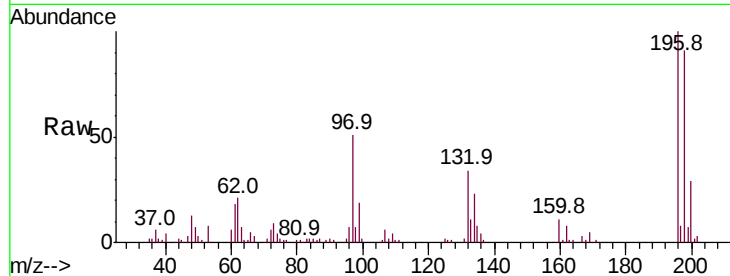
#43
 2,4,6-Trichlorophenol
 Concen: 44.370 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038586.D
 Acq: 15 Dec 2018 3:01

Instrument :
 BNA_G
 ClientSampleId :
 PB115581BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	58095		
198	90.9	75.0	112.4	
200	29.3	22.4	33.6	

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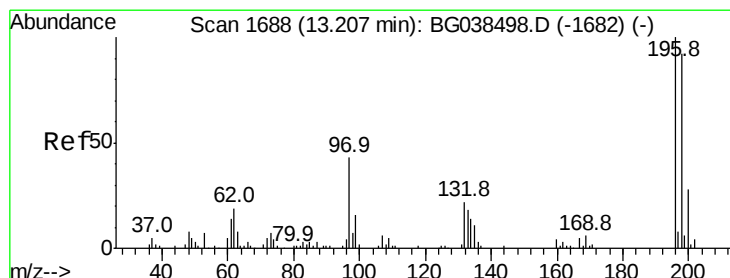
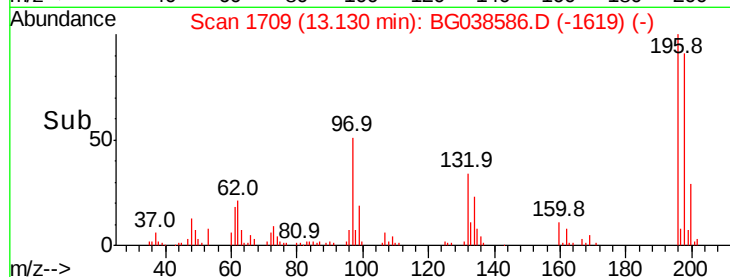
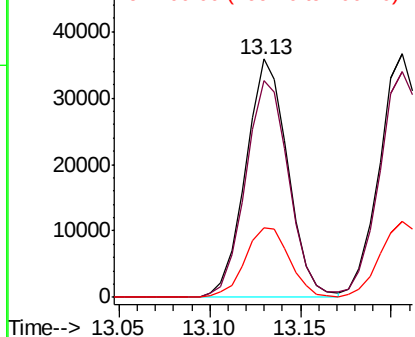


Abundance

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: 45.047 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038586.D
 Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	62449		
198	92.6	74.0	111.0	
97	45.3	35.1	52.7	
132	23.7	18.0	27.0	

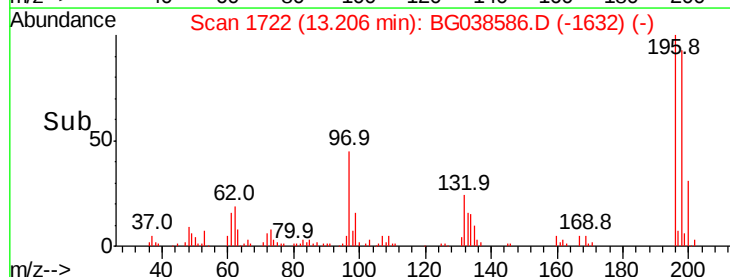
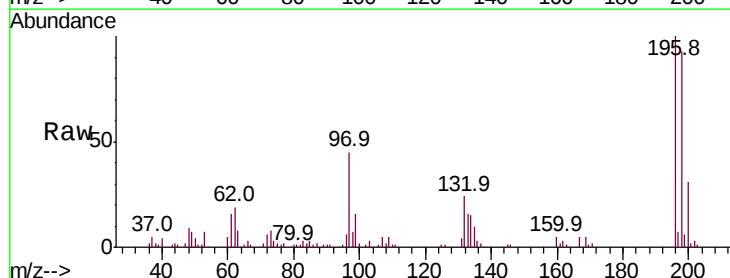
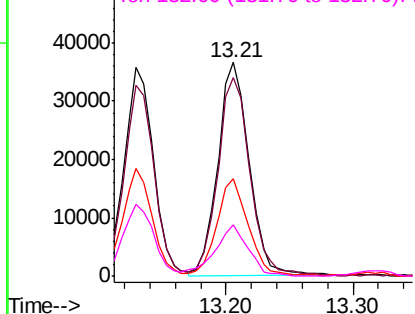
Abundance

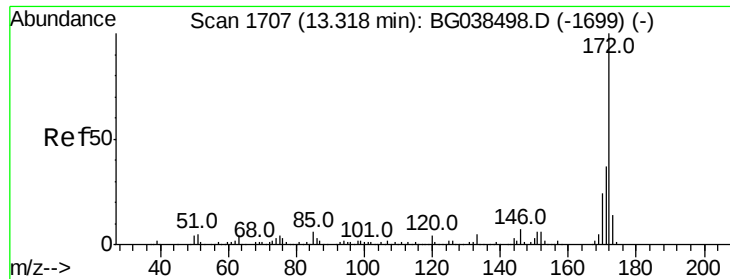
Ion 196.00 (195.70 to 196.70): E

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





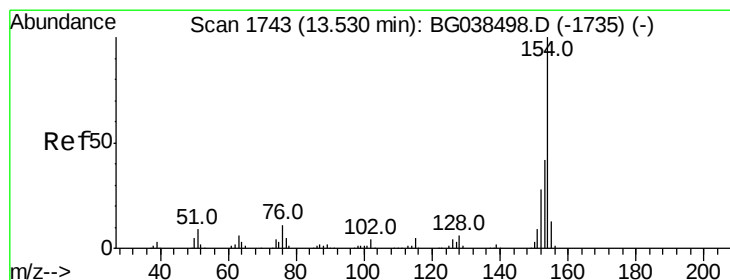
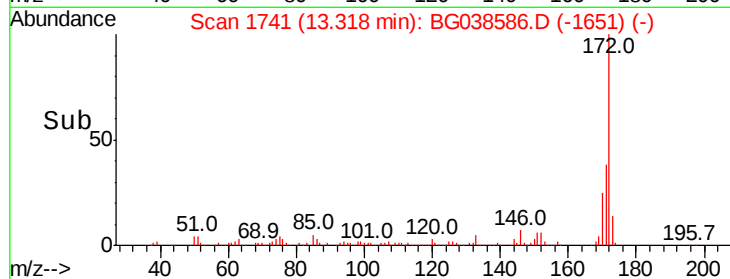
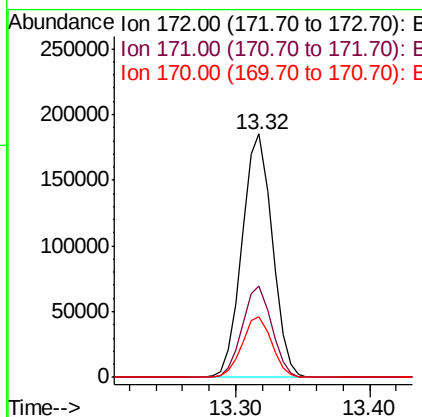
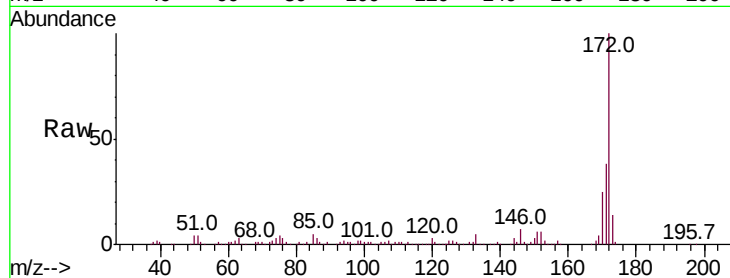
#45
2-Fluorobiphenyl
Concen: 69.572 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB115581BS

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	37.7	29.8	44.6
170	24.8	19.5	29.3

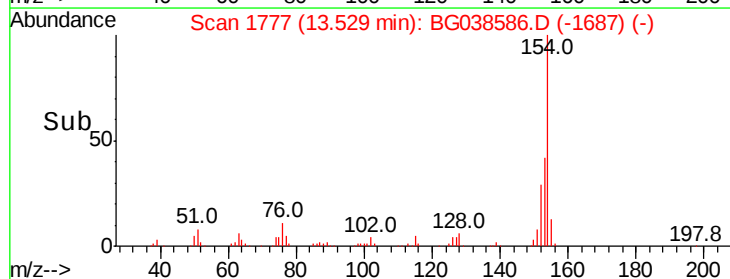
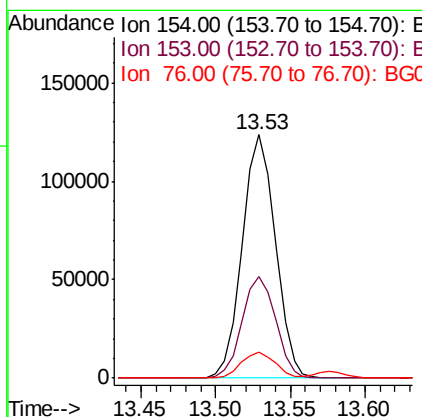
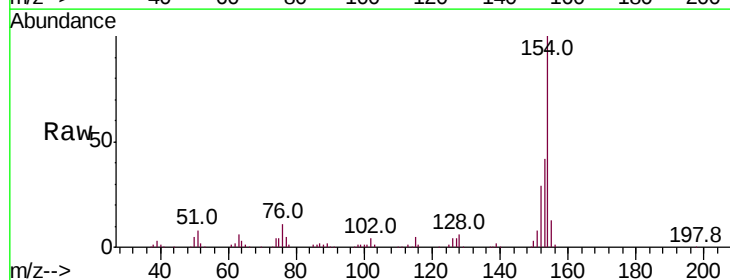
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#46
1,1'-Biphenyl
Concen: 39.785 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	41.9	22.1	62.1
76	10.6	0.0	31.2





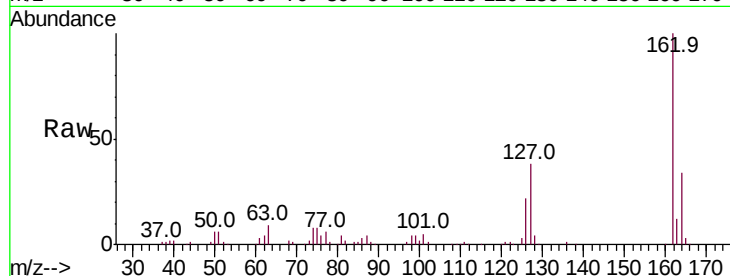
#47
 2-Chloronaphthalene
 Concen: 40.432 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038586.D
 Acq: 15 Dec 2018 3:01

Instrument :
 BNA_G
 ClientSampleId :
 PB115581BS

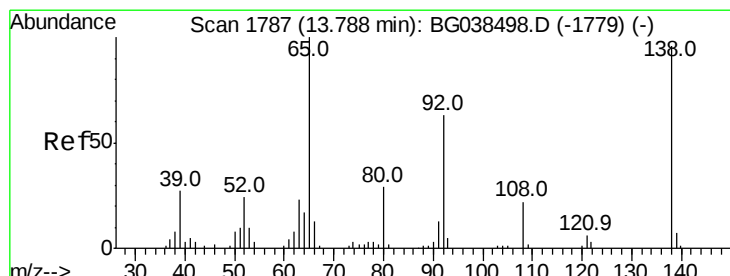
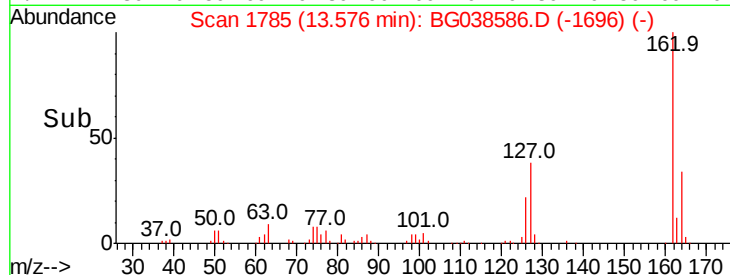
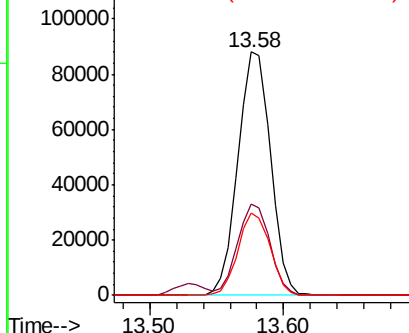
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	37.7	27.8	41.8
164	33.7	26.9	40.3

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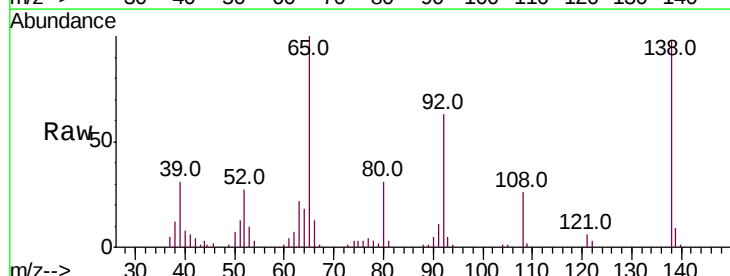


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

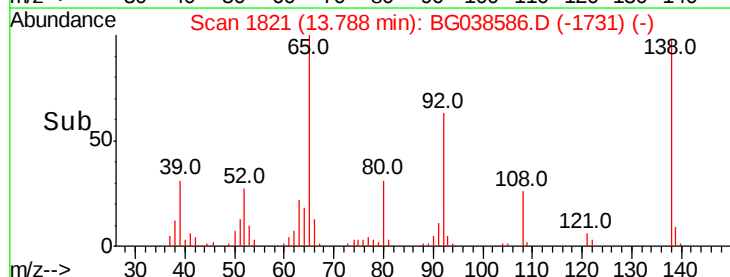
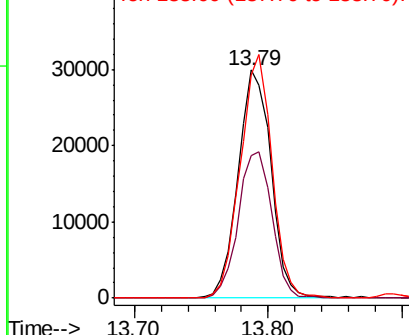


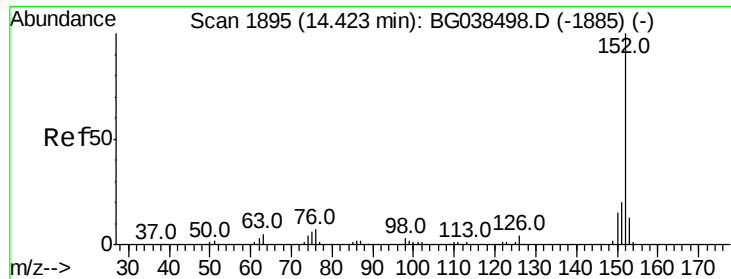
#48
 2-Nitroaniline
 Concen: 43.510 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG038586.D
 Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	62.8	50.0	75.0
138	98.0	76.9	115.3



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





#49

Acenaphthylene

Concen: 44.857 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Instrument :

BNA_G

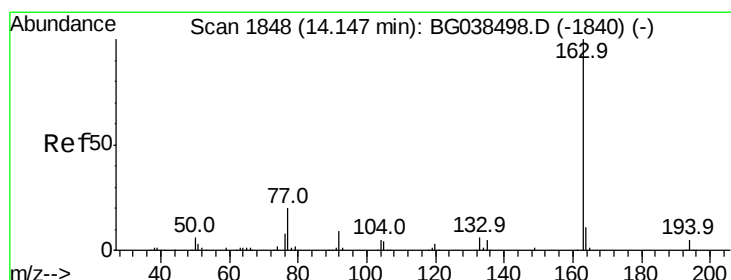
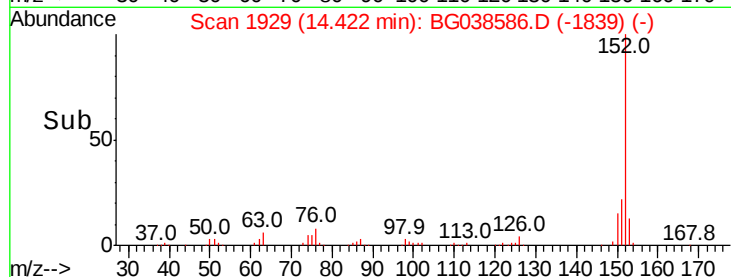
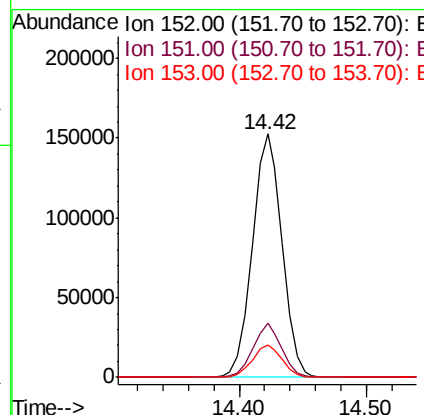
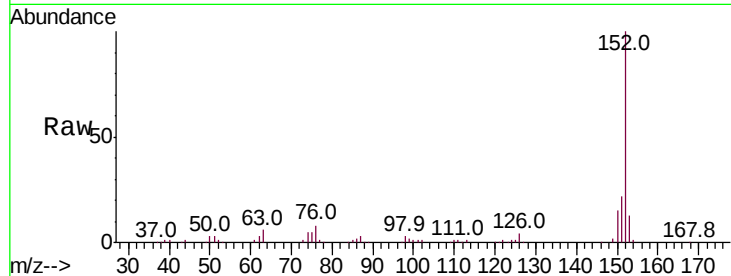
ClientSampleId :

PB115581BS

Tot Ion:	152	Resp:	247387
Ion Ratio	Lower	Upper	
152	100		
151	22.0	16.4	24.6
153	13.1	10.4	15.6

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#50

Dimethylphthalate

Concen: 43.238 ng

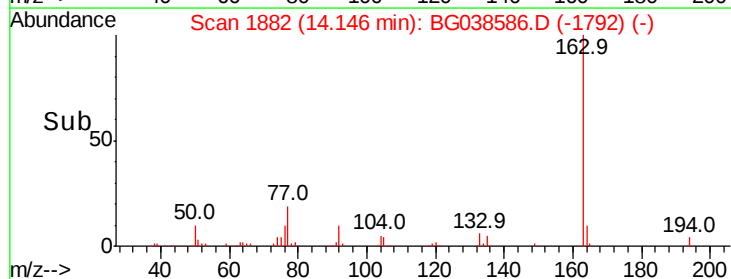
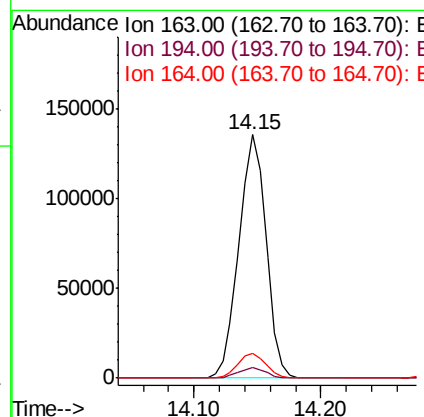
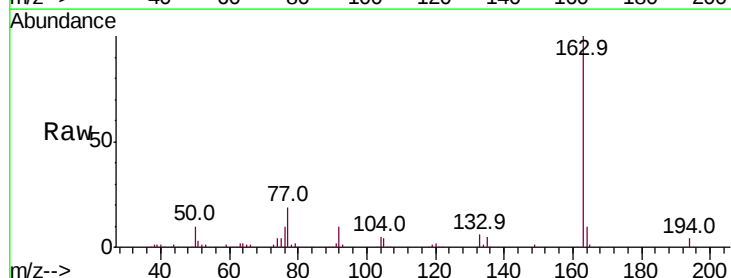
RT: 14.15 min Scan# 1882

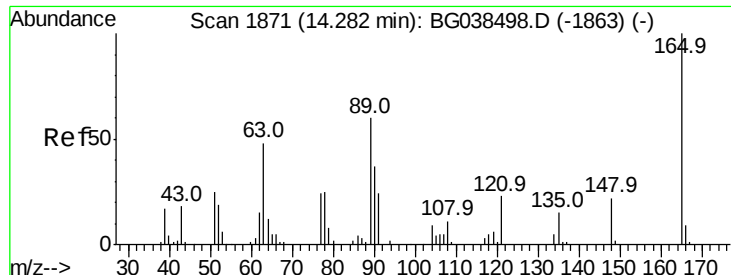
Delta R.T. -0.00 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Tgt Ion:	163	Resp:	201154
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.7	5.5
164	10.0	8.6	12.8





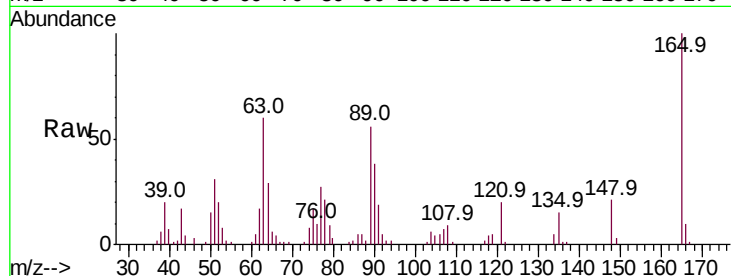
#51
2,6-Dinitrotoluene
Concen: 43.207 ng
RT: 14.28 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB115581BS

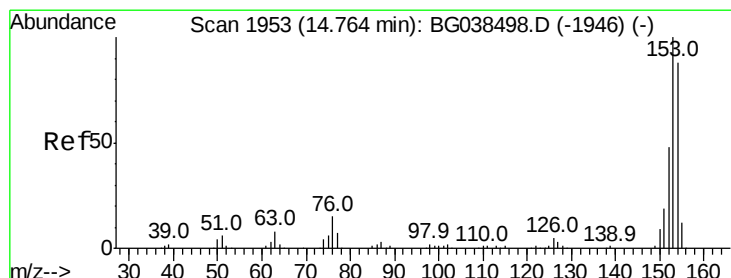
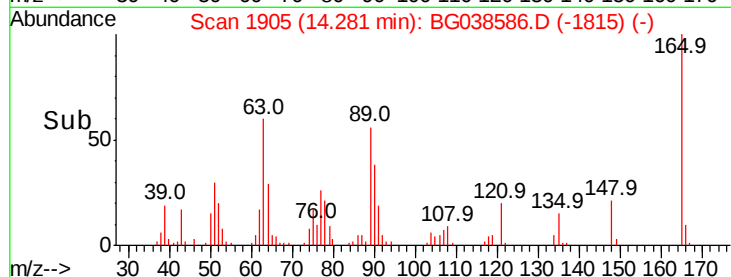
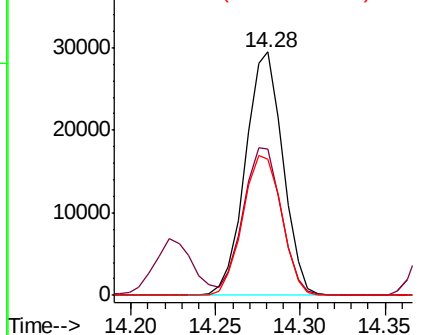
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	60.0	51.8	77.6
89	56.0	47.9	71.9

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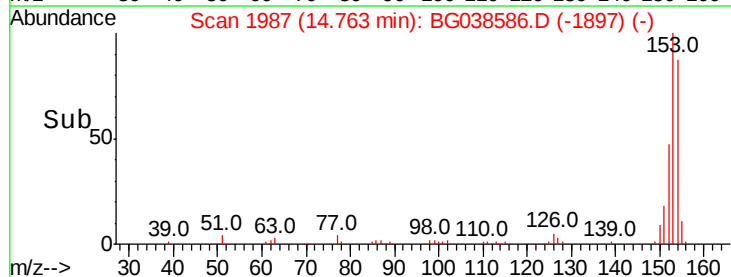
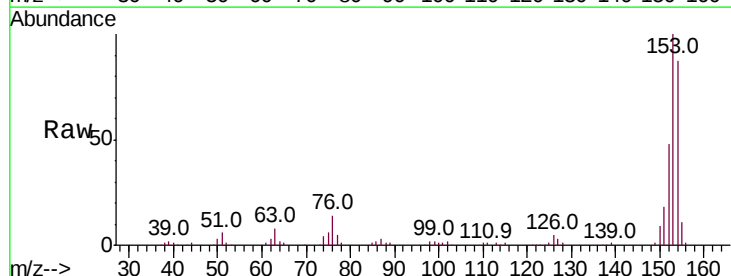
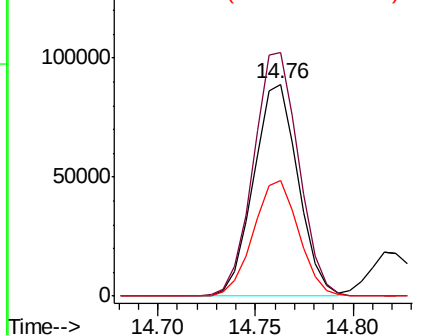
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

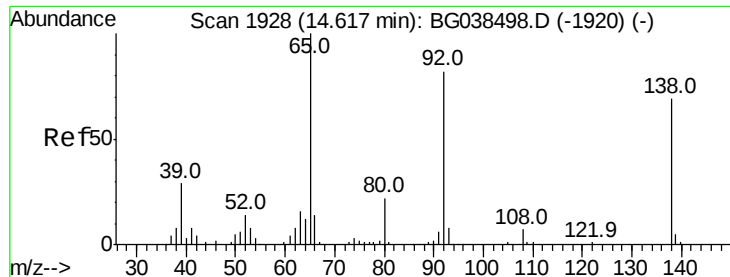


#52
Acenaphthene
Concen: 42.667 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.9	90.6	136.0
152	54.8	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





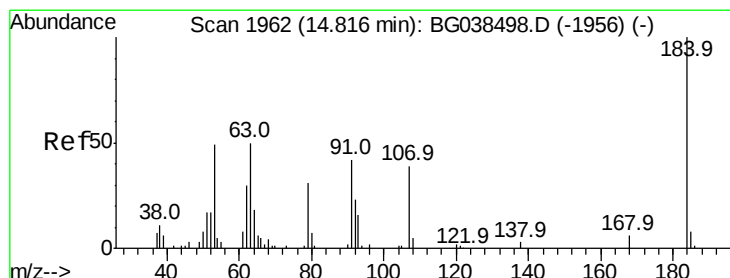
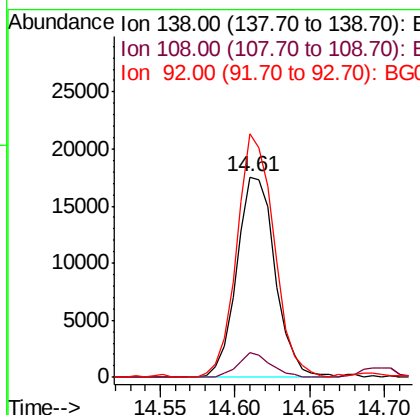
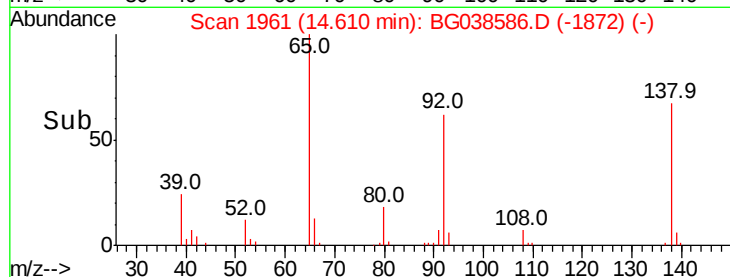
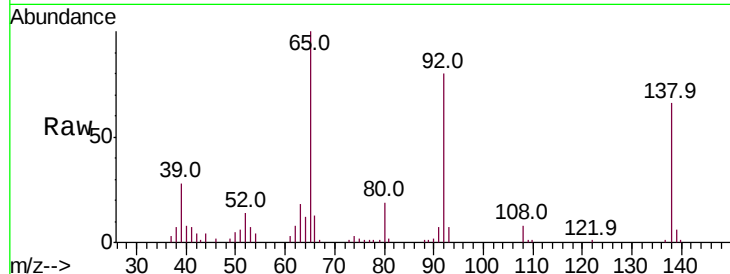
#53
3-Nitroaniline
Concen: 29.123 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB115581BS

Tot Ion:138 Resp: 31299
Ion Ratio Lower Upper
138 100
108 12.1 7.9 11.9#
92 121.3 95.3 142.9

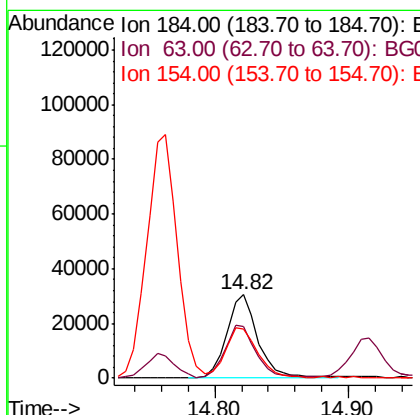
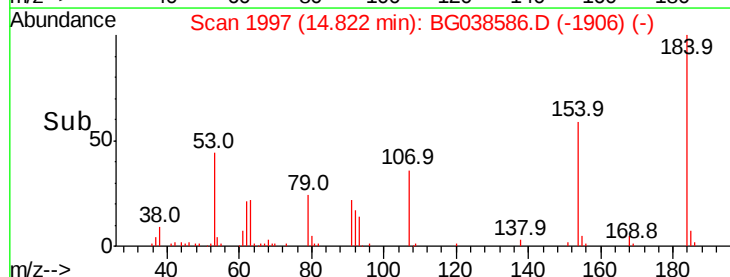
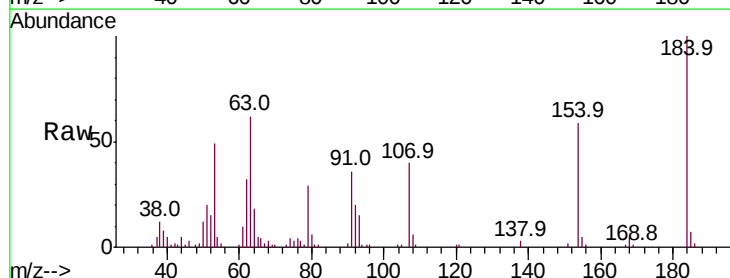
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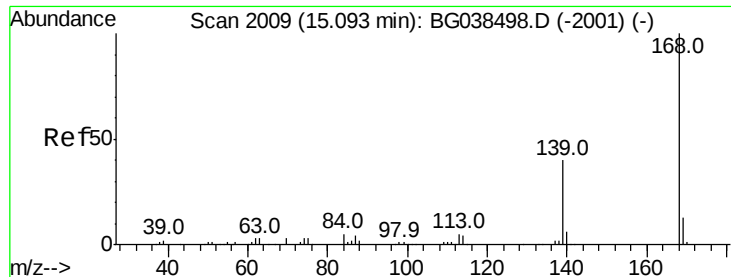
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#54
2,4-Dinitrophenol
Concen: 79.403 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Tgt Ion:184 Resp: 49784
Ion Ratio Lower Upper
184 100
63 61.8 47.0 70.6
154 58.9 50.3 75.5





#55

Dibenzenofuran

Concen: 41.544 ng

RT: 15.09 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Instrument :

BNA_G

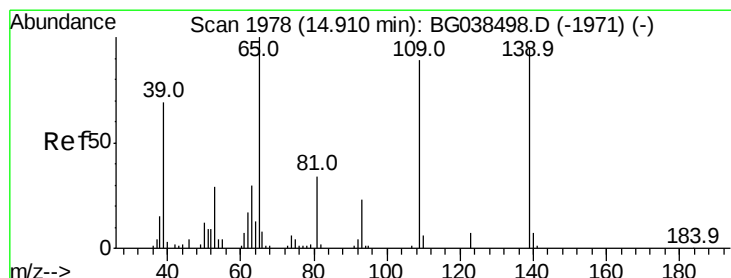
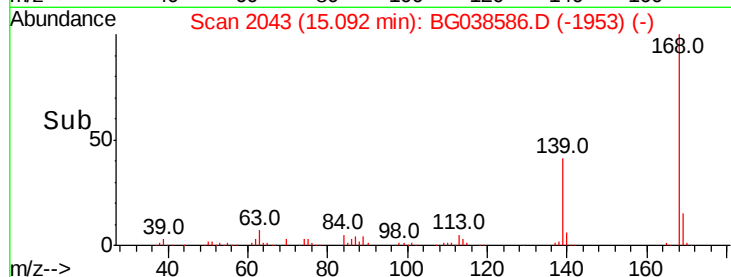
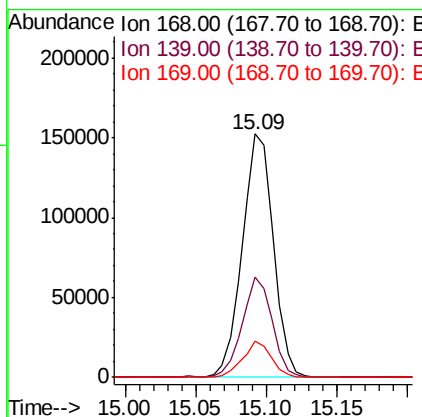
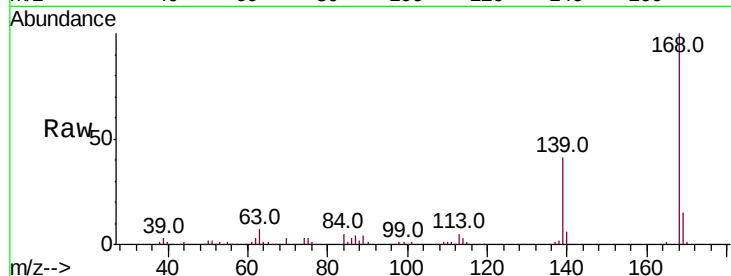
ClientSampleId :

PB115581BS

Tot Ion:	168	Resp:	234848
Ion Ratio	Lower	Upper	
168	100		
139	41.3	32.2	48.2
169	14.7	10.6	16.0

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#56

4-Nitrophenol

Concen: 87.659 ng

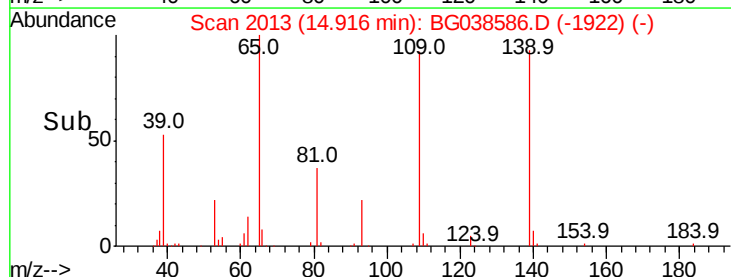
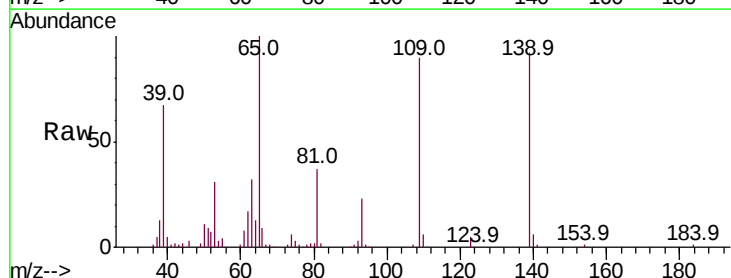
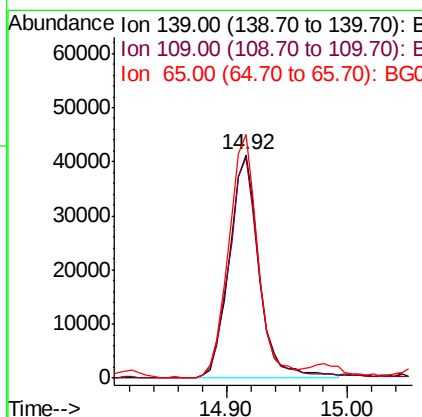
RT: 14.92 min Scan# 2013

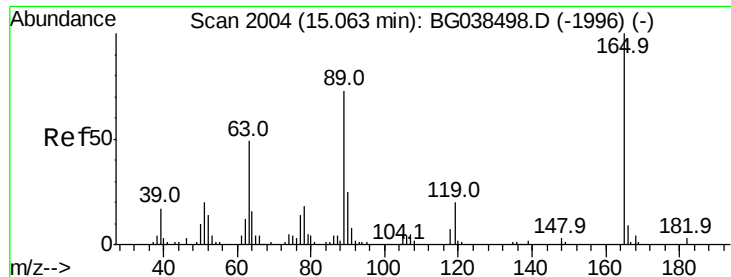
Delta R.T. 0.01 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Tgt Ion:	139	Resp:	71469
Ion Ratio	Lower	Upper	
139	100		
109	98.6	73.6	113.6
65	109.1	84.8	124.8





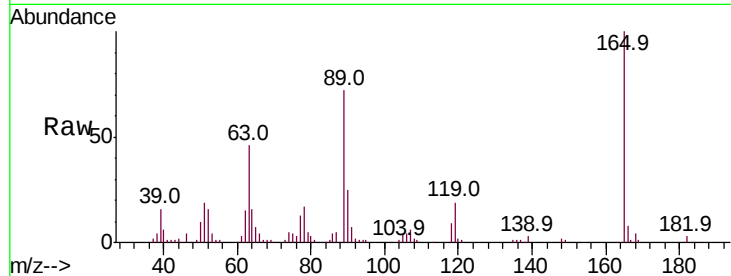
#57
 2,4-Dinitrotoluene
 Concen: 44.196 ng
 RT: 15.06 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BG038586.D
 Acq: 15 Dec 2018 3:01

Instrument :
 BNA_G
 ClientSampleId :
 PB115581BS

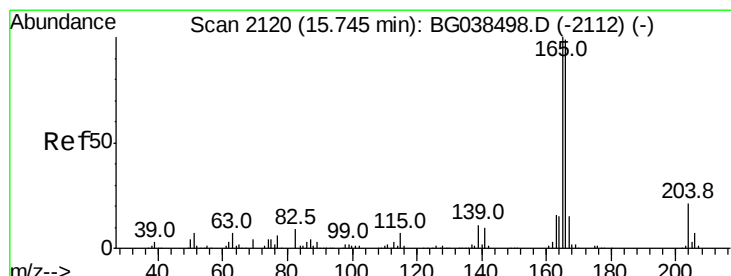
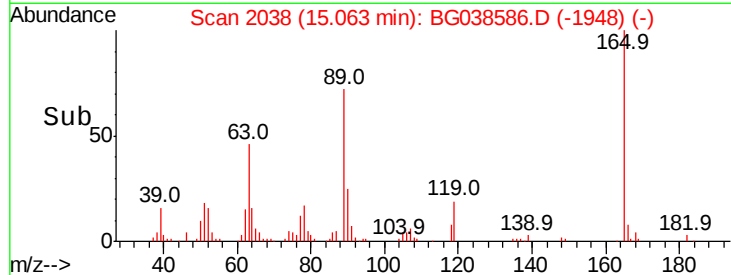
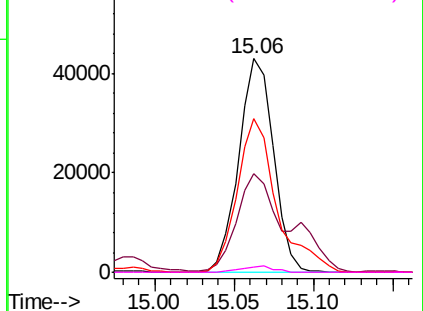
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	46.3	39.0	58.4
89	71.9	58.0	87.0
182	2.5	2.3	3.5

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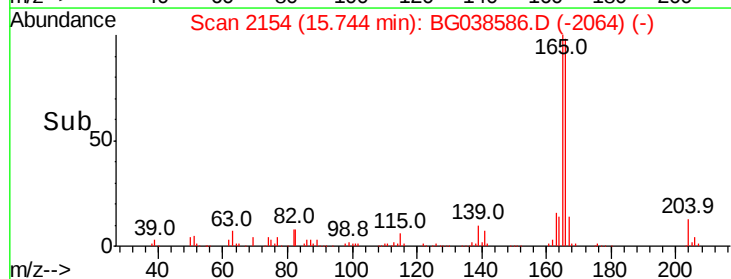
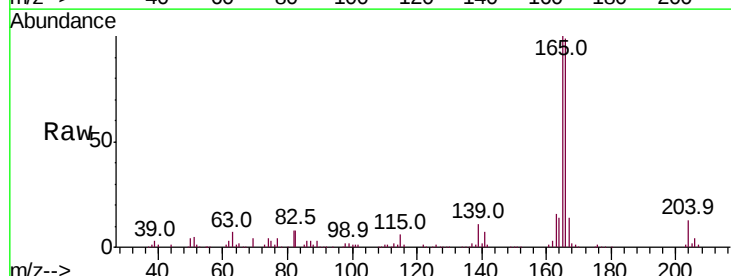
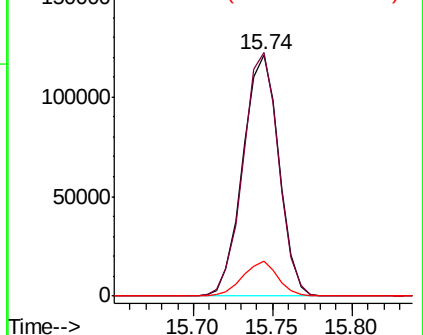
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

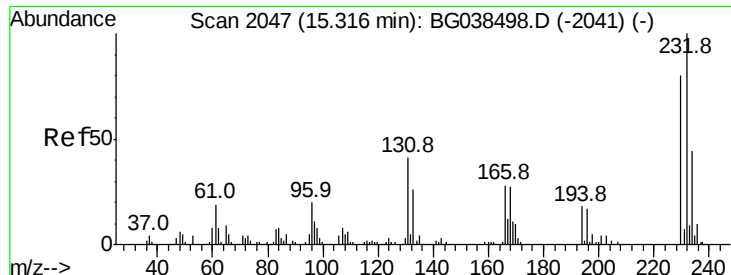


#58
 Fluorene
 Concen: 45.642 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG038586.D
 Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	101.0	80.6	120.8
167	14.3	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





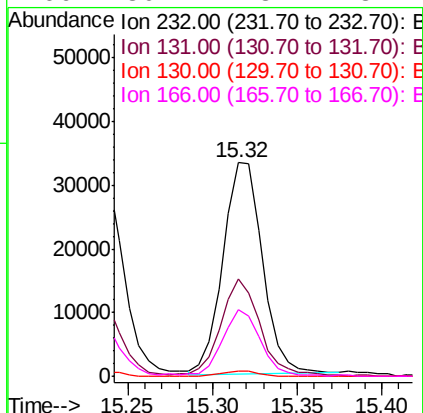
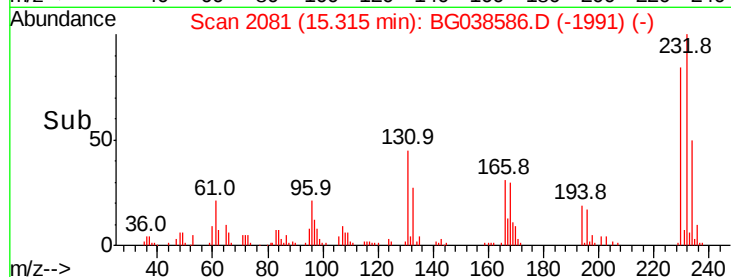
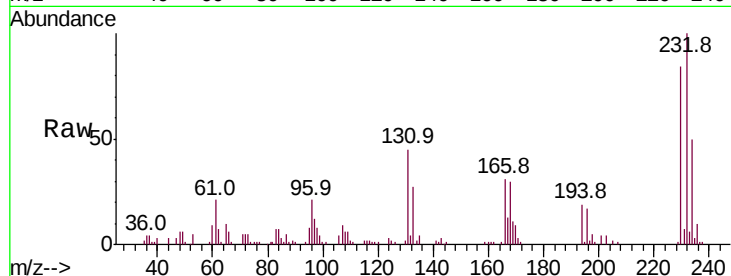
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.350 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038586.D
 Acq: 15 Dec 2018 3:01

Instrument :
 BNA_G
 ClientSampleId :
 PB115581BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100			
131	46.1		33.0	49.4
130	2.2		2.0	3.0
166	30.4		23.1	34.7

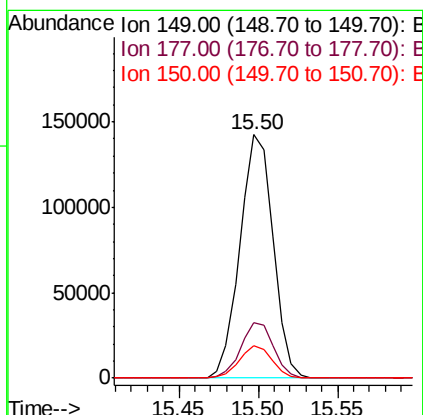
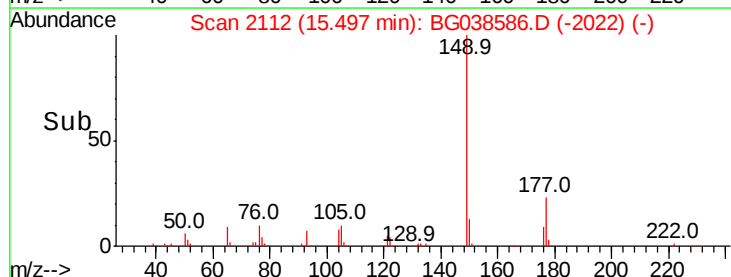
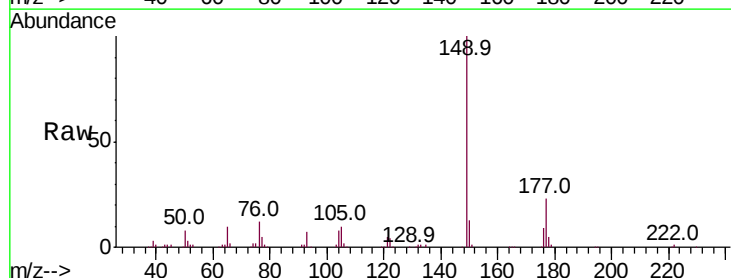
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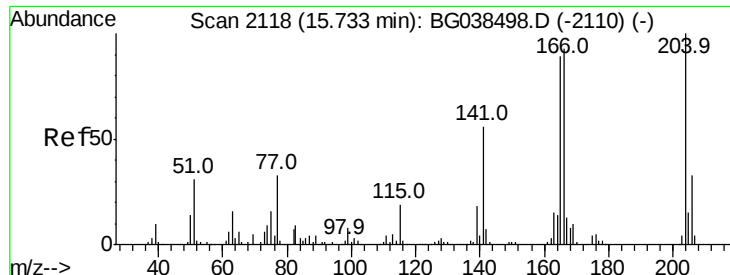
Sohil
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#60
 Diethylphthalate
 Concen: 40.438 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038586.D
 Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	22.5		17.7	26.5
150	13.4		9.9	14.9





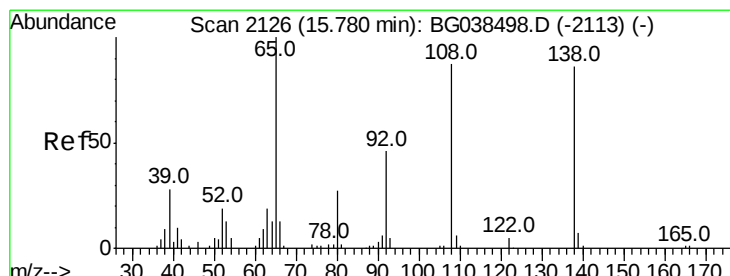
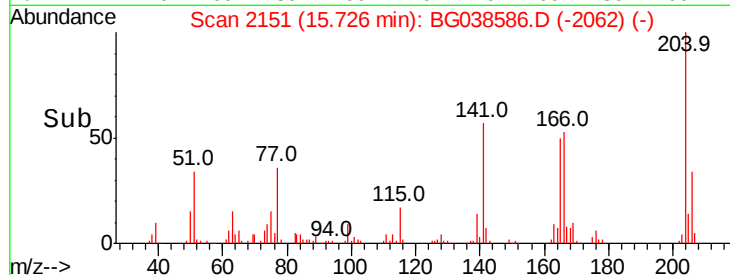
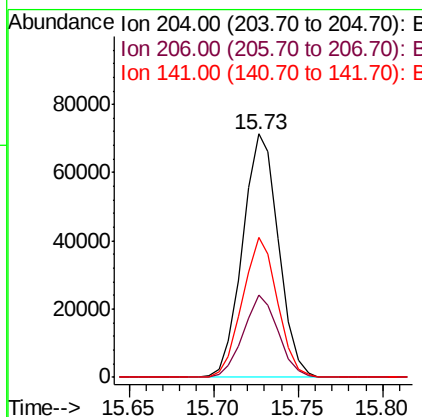
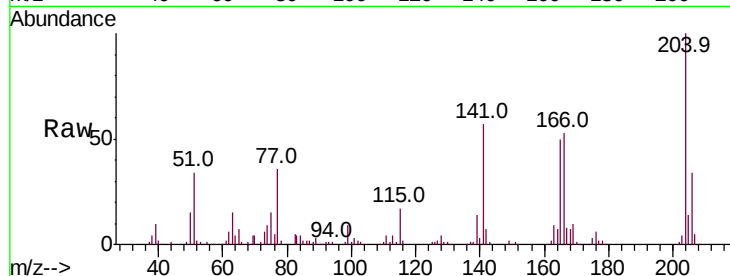
#61
 4-Chlorophenyl-phenylether
 Concen: 40.302 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG038586.D
 Acq: 15 Dec 2018 3:01

Instrument :
 BNA_G
 ClientSampleID :
 PB115581BS

Tot Ion:	204	Resp:	105314
Ion Ratio	Lower	Upper	
204	100		
206	33.6	26.0	39.0
141	57.3	44.4	66.6

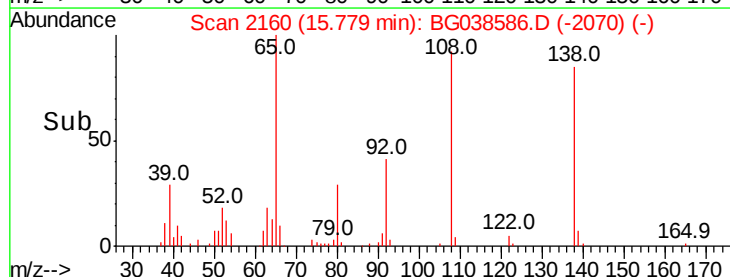
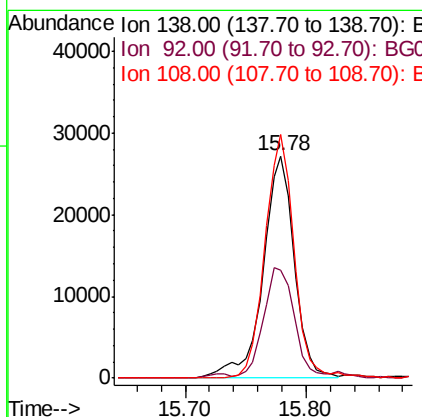
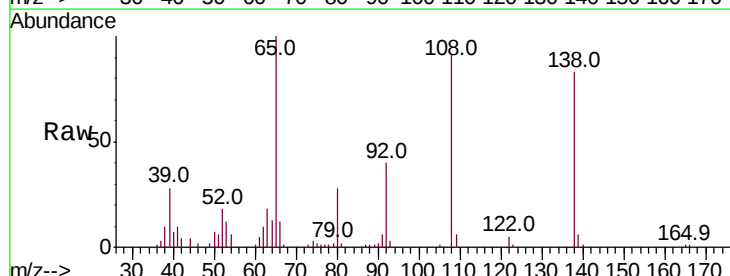
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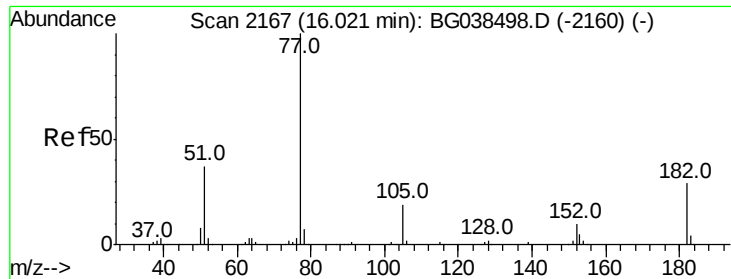
Sohil
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#62
 4-Nitroaniline
 Concen: 43.885 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG038586.D
 Acq: 15 Dec 2018 3:01

Tgt Ion:	138	Resp:	48556
Ion Ratio	Lower	Upper	
138	100		
92	48.8	33.3	73.3
108	109.6	81.4	121.4





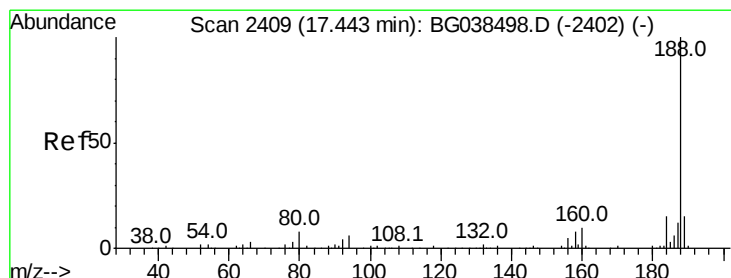
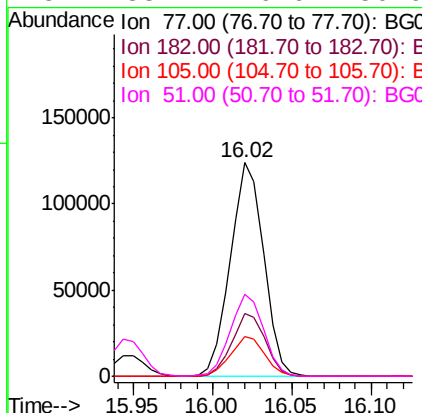
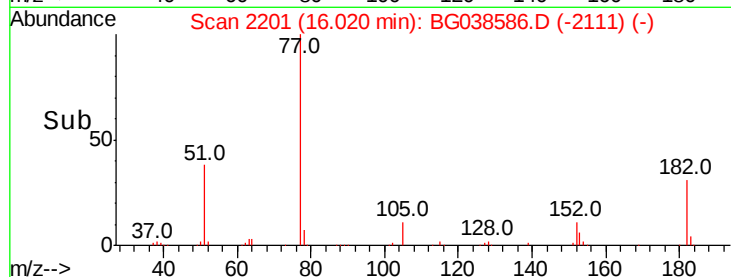
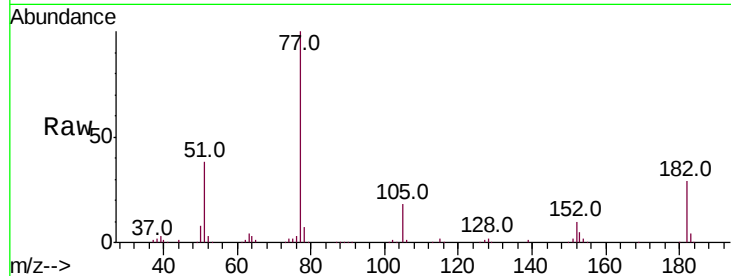
#63
Azobenzene
Concen: 42.346 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB115581BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.2	8.7	48.7
105	18.4	0.0	38.7
51	38.4	16.6	56.6

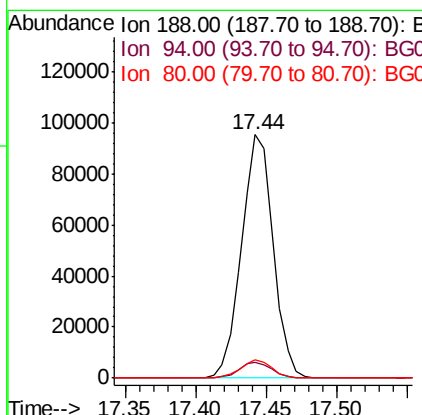
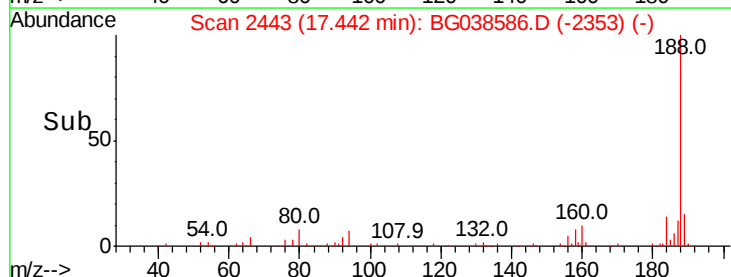
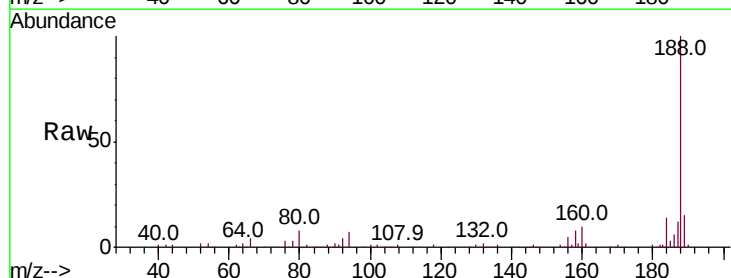
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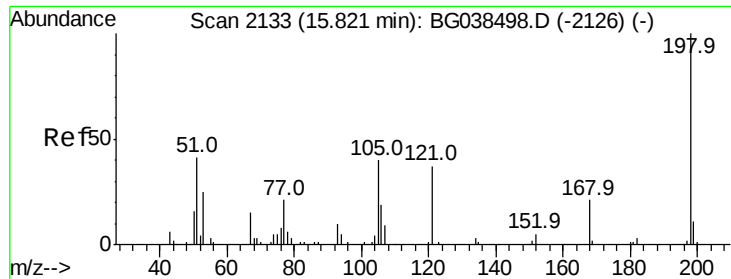
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.1	7.7
80	7.6	6.1	9.1





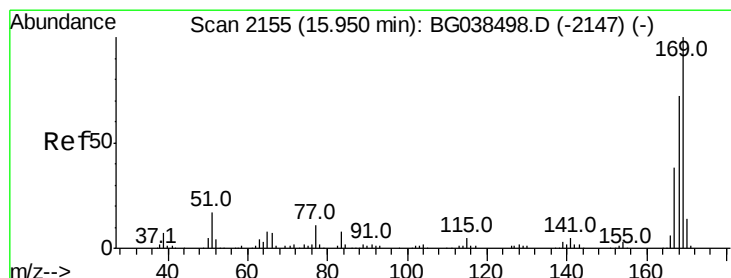
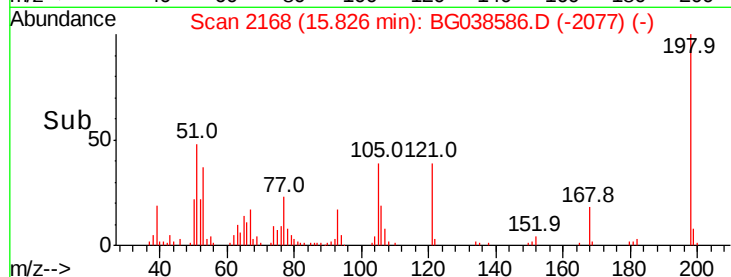
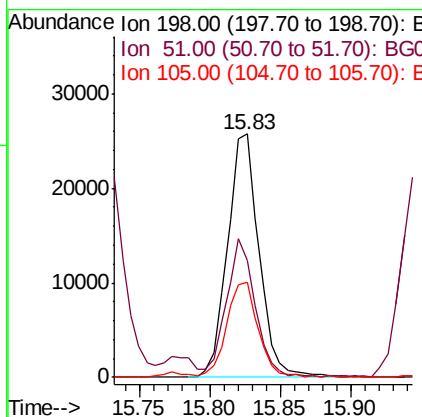
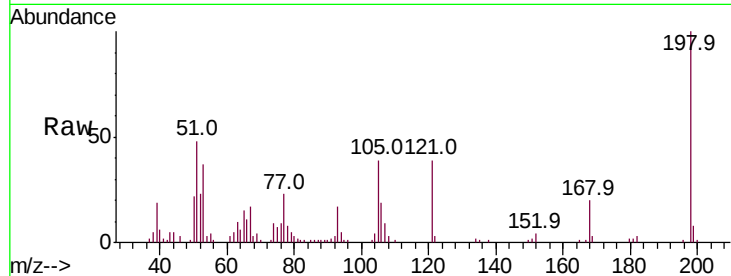
#65
4,6-Dinitro-2-methylphenol
Concen: 37.502 ng
RT: 15.83 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB115581BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	40019		
51	48.2		28.6	68.6
105	39.0		20.4	60.4

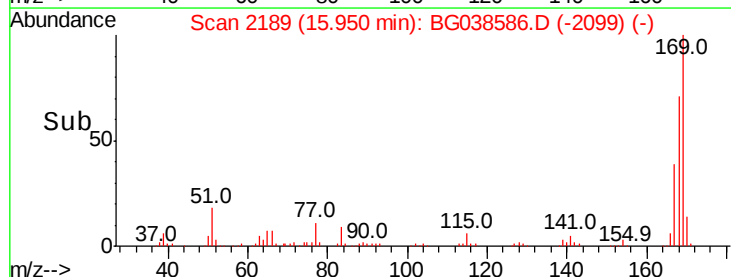
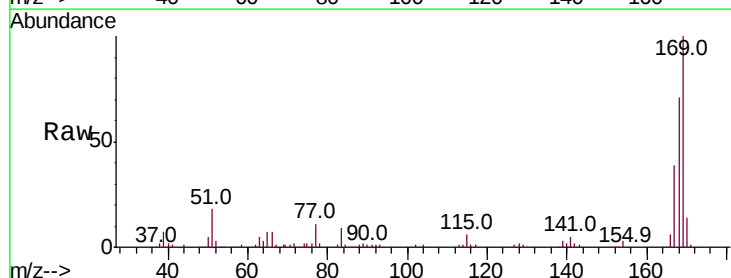
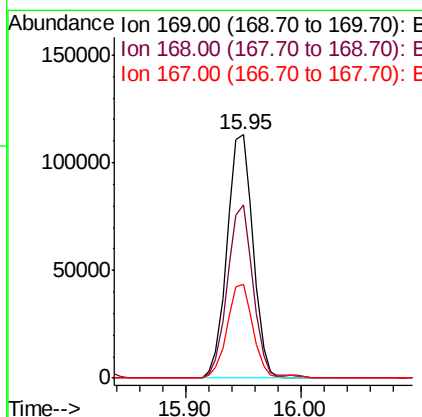
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#66
n-Nitrosodiphenylamine
Concen: 39.985 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	175750		
168	70.9		57.5	86.3
167	38.5		30.2	45.2





#67

4-Bromophenyl-phenylether

Concen: 38.177 ng

RT: 16.63 min Scan# 2304

Delta R.T. -0.00 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Instrument :

BNA_G

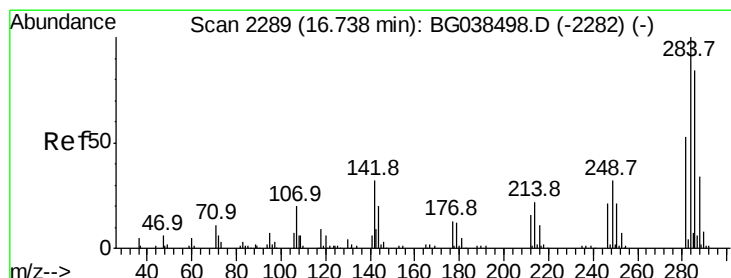
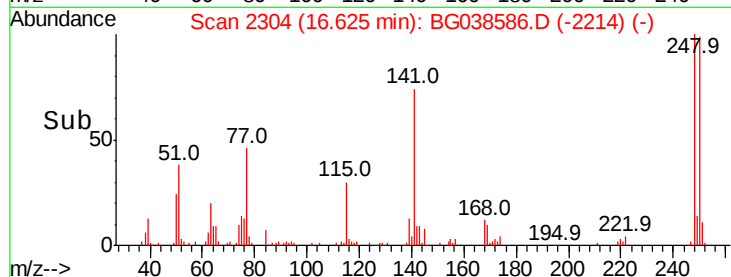
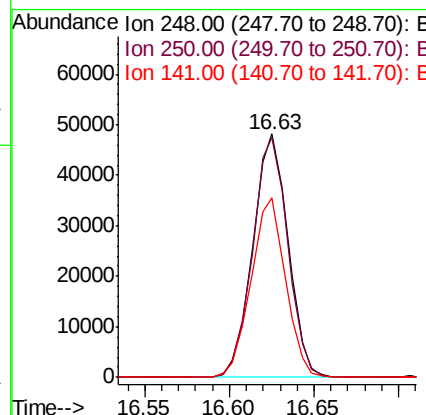
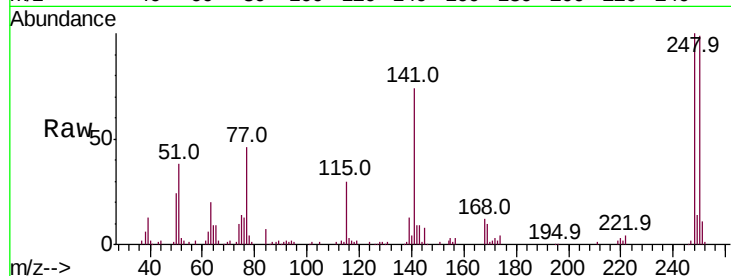
ClientSampleId :

PB115581BS

Tot Ion:	248	Resp:	69748
Ion Ratio	Lower	Upper	
248	100		
250	98.5	73.4	110.2
141	73.5	52.9	79.3

Manual Integrations
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#68

Hexachlorobenzene

Concen: 38.554 ng

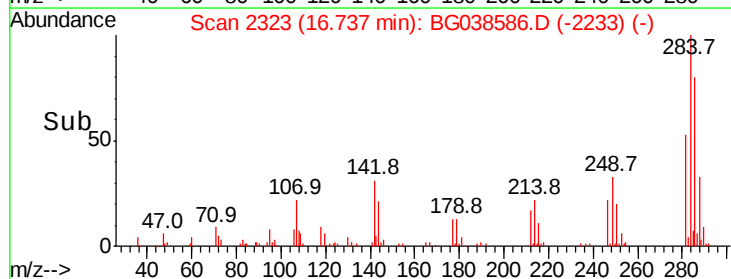
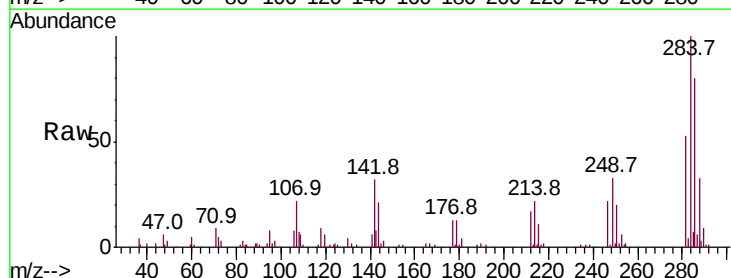
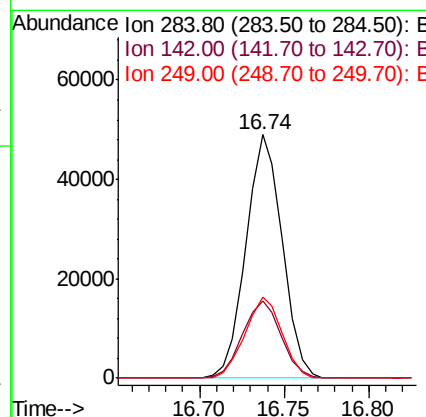
RT: 16.74 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Tgt Ion:	284	Resp:	73016
Ion Ratio	Lower	Upper	
284	100		
142	31.8	25.8	38.6
249	35.2	27.0	40.4





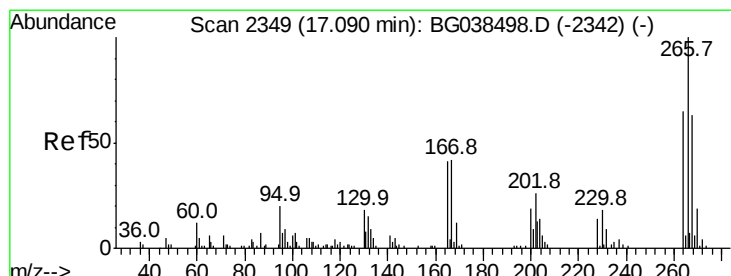
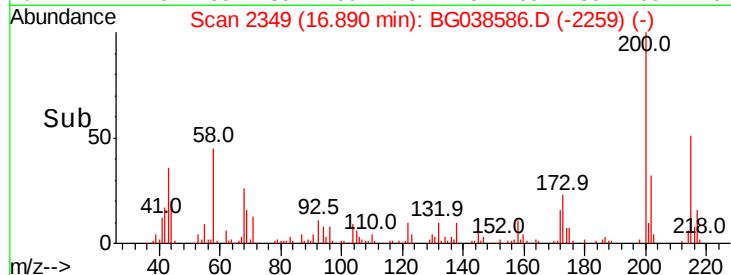
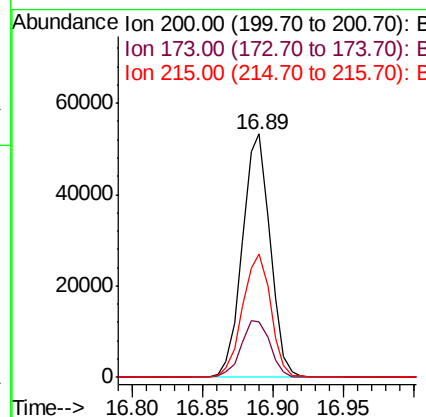
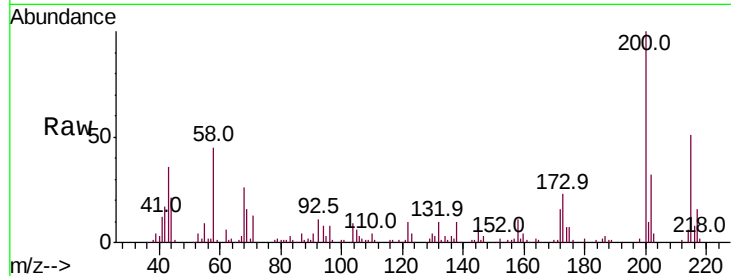
#69
Atrazine
Concen: 44.833 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB115581BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.6	5.9	45.9
215	50.6	33.1	73.1

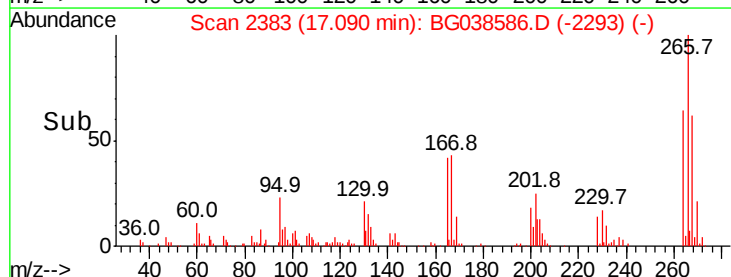
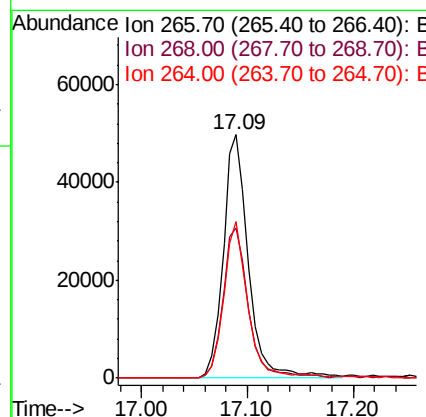
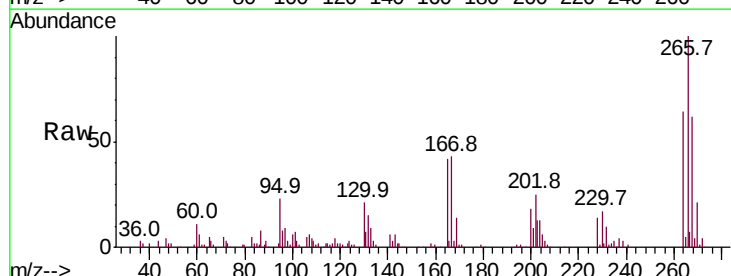
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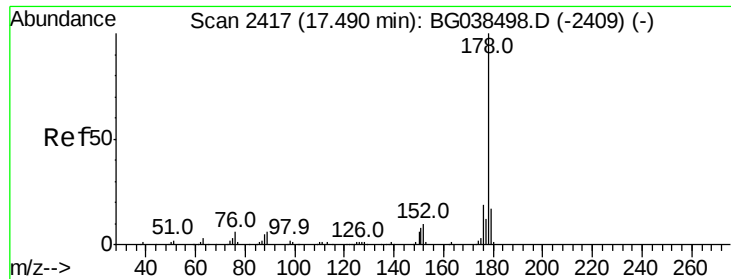
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#70
Pentachlorophenol
Concen: 73.619 ng
RT: 17.09 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.9	55.0	82.6
264	69.3	56.7	85.1





#71

Phenanthrene

Concen: 43.445 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Instrument :

BNA_G

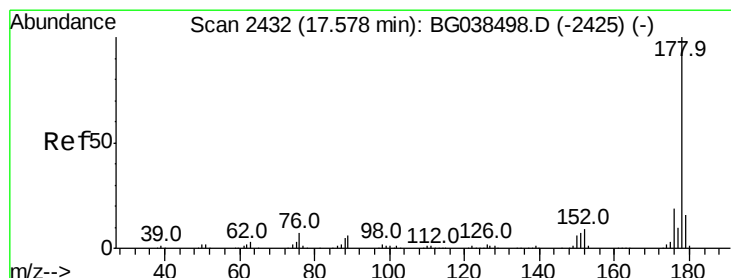
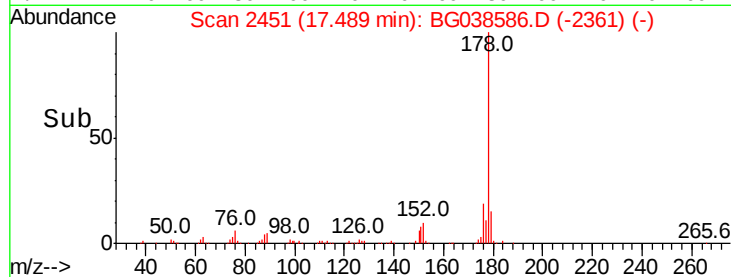
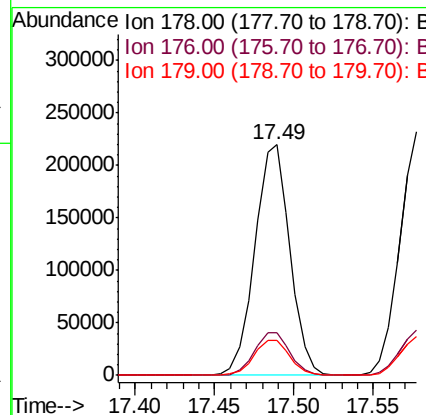
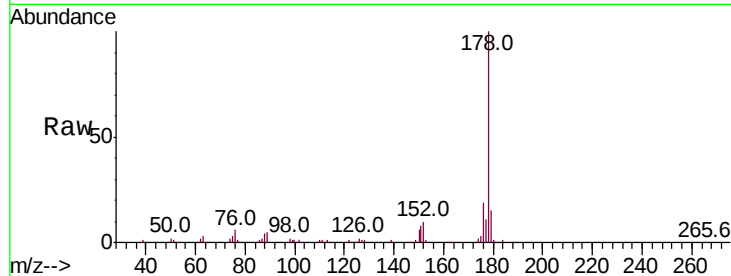
ClientSampleId :

PB115581BS

Tot Ion:178	Resp:	337023
Ion Ratio	Lower	Upper
178	100	
176	18.7	15.1 22.7
179	15.3	13.2 19.8

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#72

Anthracene

Concen: 45.496 ng

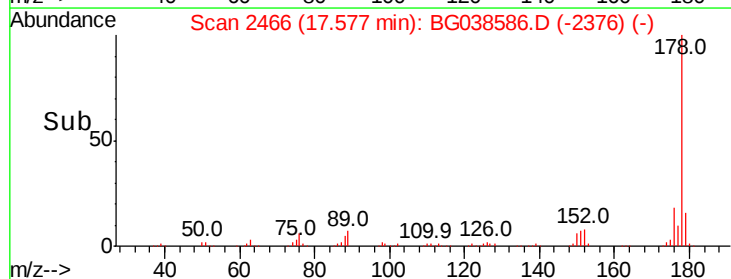
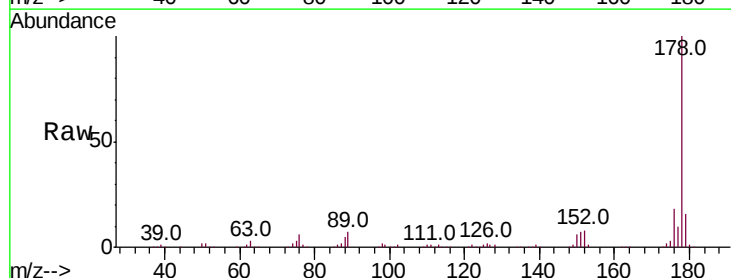
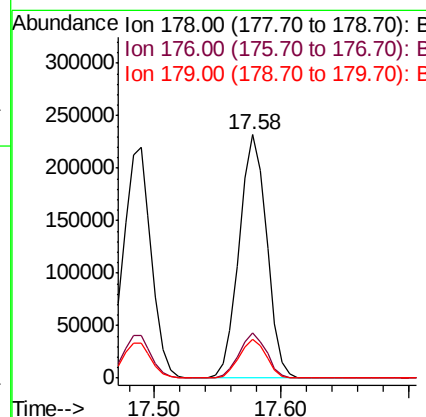
RT: 17.58 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Tgt Ion:178	Resp:	348417
Ion Ratio	Lower	Upper
178	100	
176	18.5	15.1 22.7
179	16.0	12.9 19.3





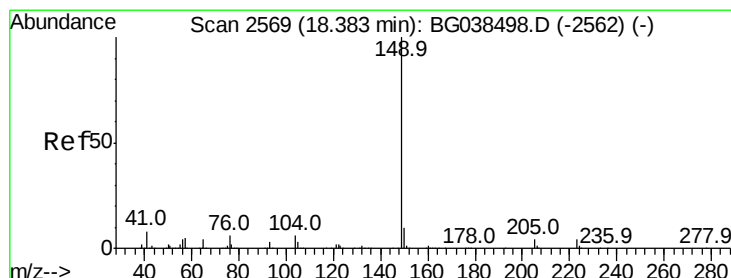
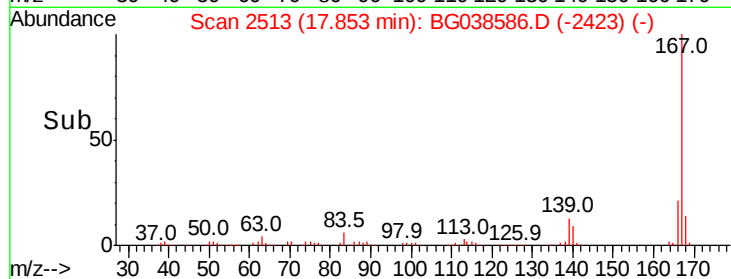
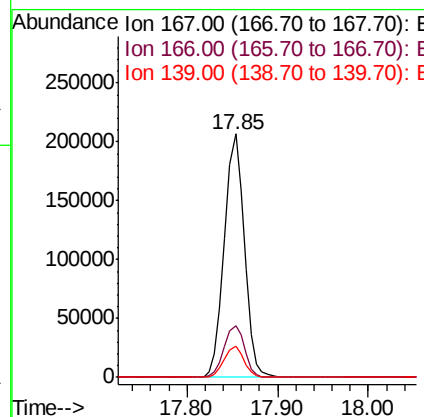
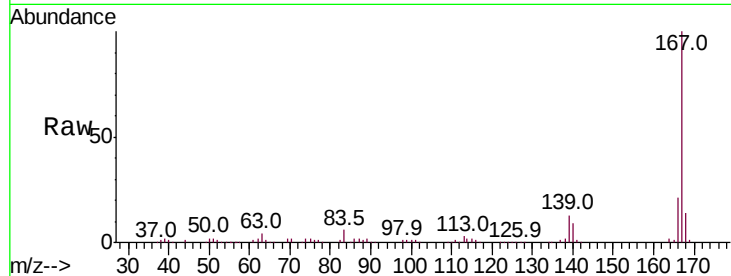
#73
 Carbazole
 Concen: 41.872 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038586.D
 Acq: 15 Dec 2018 3:01

Instrument :
 BNA_G
 ClientSampleId :
 PB115581BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.3	17.9	26.9	
139	12.6	10.2	15.2	

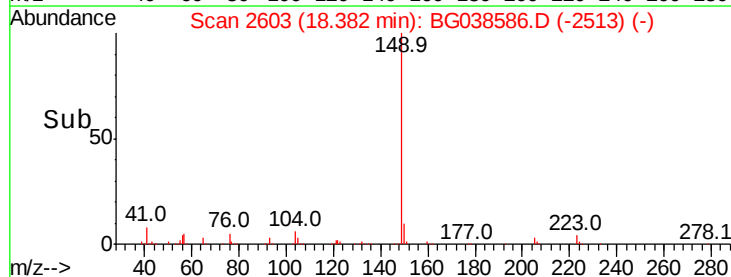
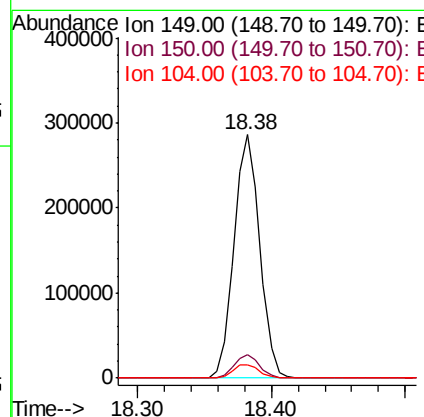
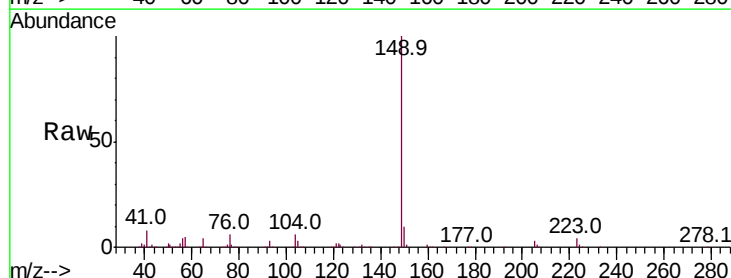
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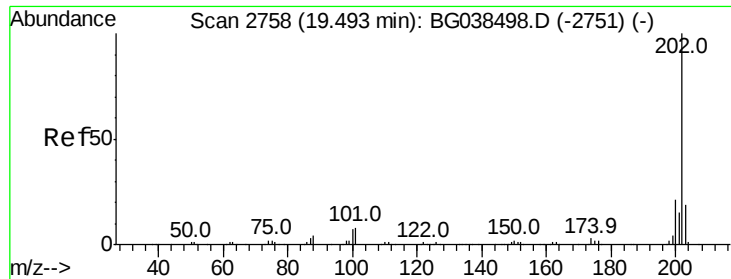
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#74
 Di-n-butylphthalate
 Concen: 44.339 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038586.D
 Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.5	7.6	11.4	
104	5.6	5.0	7.4	





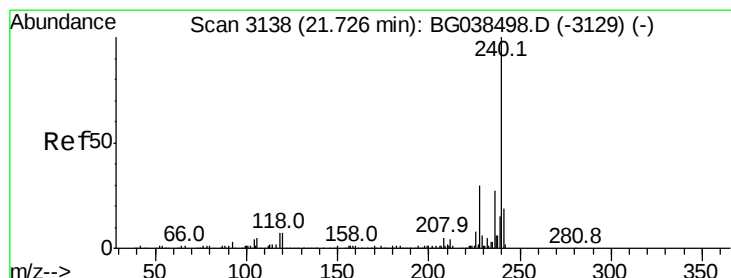
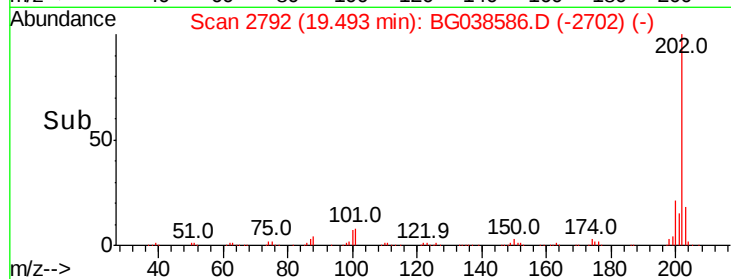
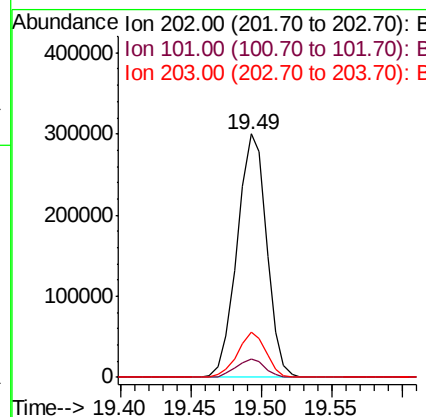
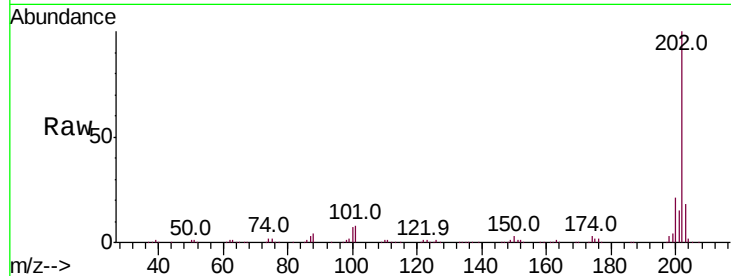
#75
 Fluoranthene
 Concen: 45.539 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038586.D
 Acq: 15 Dec 2018 3:01

Instrument :
 BNA_G
 ClientSampleId :
 PB115581BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.5	0.0	28.1
203	18.4	0.0	39.0

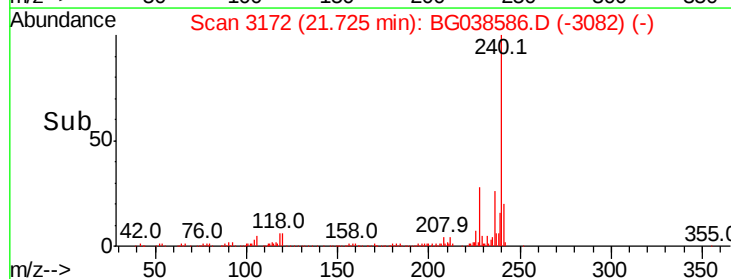
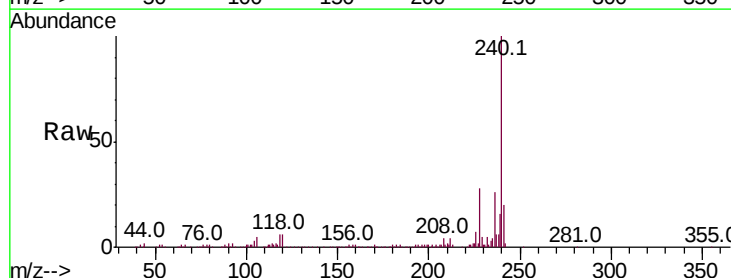
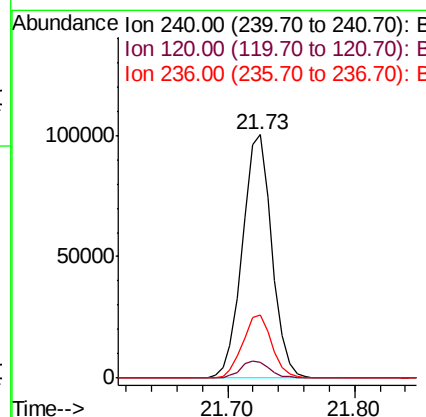
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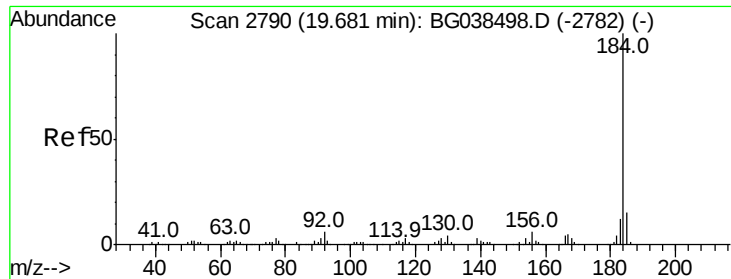
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038586.D
 Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.4	5.3	7.9
236	25.9	21.4	32.2





#77

Benzidine

Concen: 46.522 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Instrument :

BNA_G

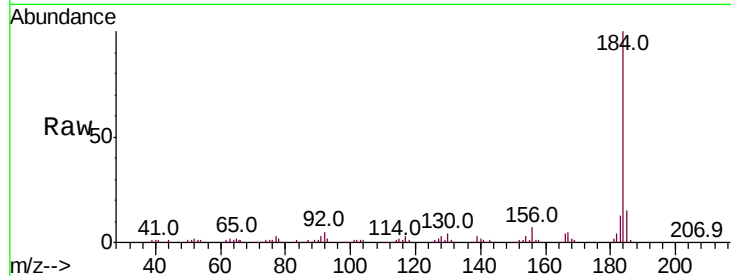
ClientSampleId :

PB115581BS

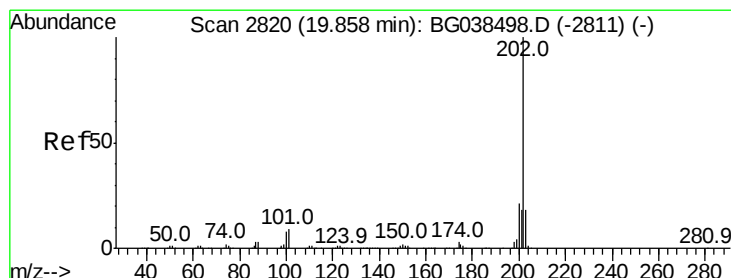
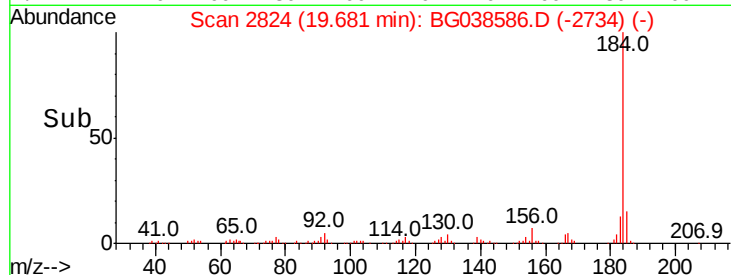
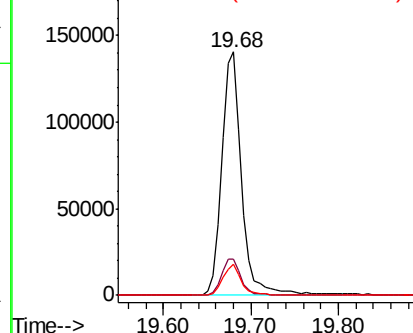
Tot Ion:	184	Resp:	221041
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.2	18.2
183	12.7	9.6	14.4

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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: 41.063 ng

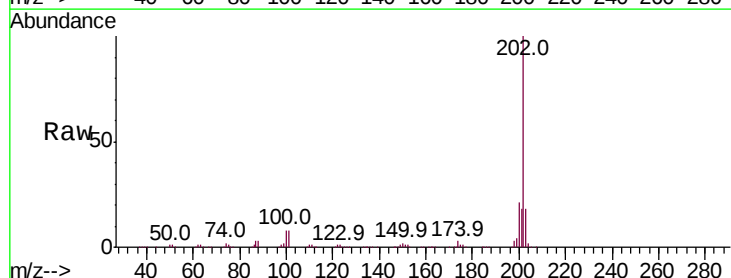
RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

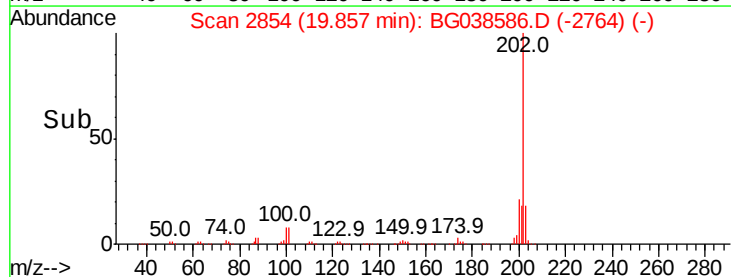
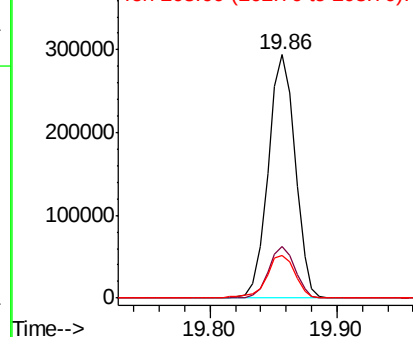
Lab File: BG038586.D

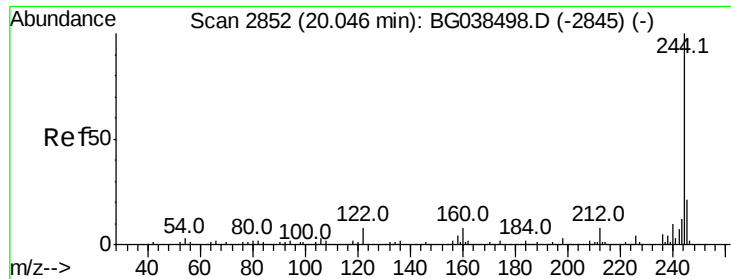
Acq: 15 Dec 2018 3:01

Tgt Ion:	202	Resp:	435818
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.6	25.0
203	17.5	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: 83.817 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Instrument :

BNA_G

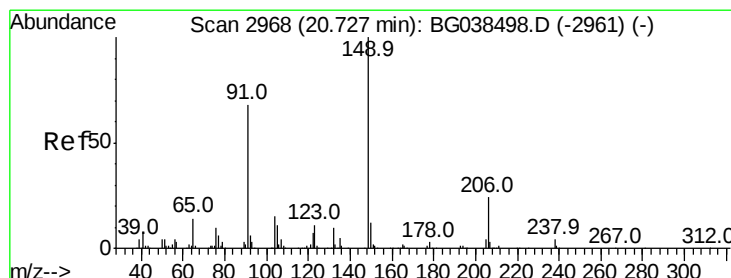
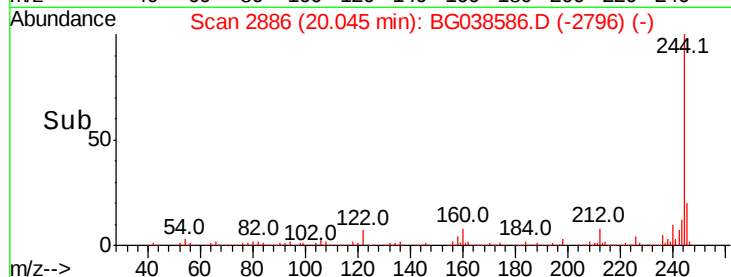
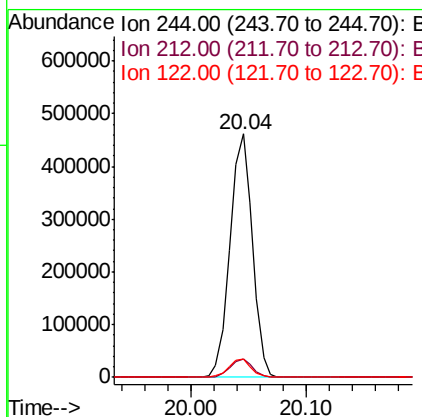
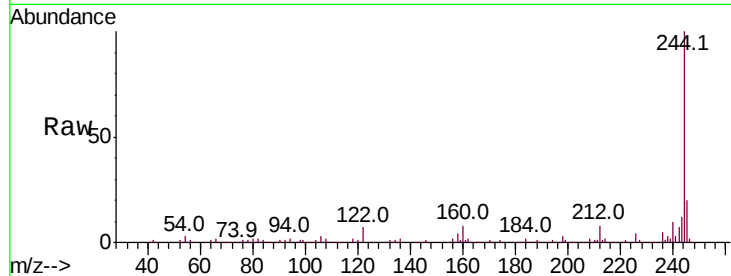
ClientSampleId :

PB115581BS

Tot Ion:	244	Resp:	618739
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.2	9.2
122	7.4	6.3	9.5

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#80

Butylbenzylphthalate

Concen: 42.009 ng

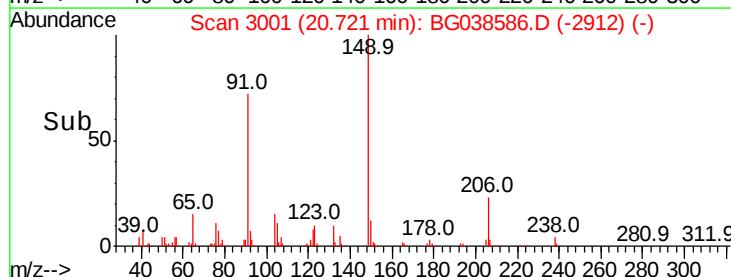
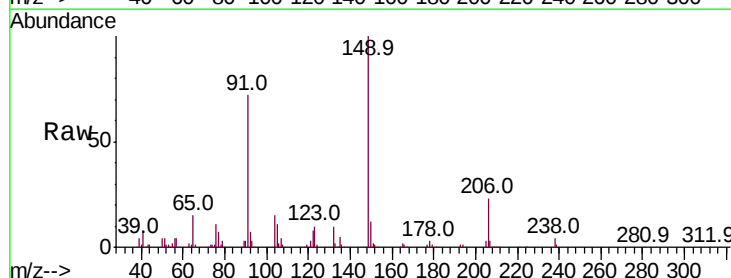
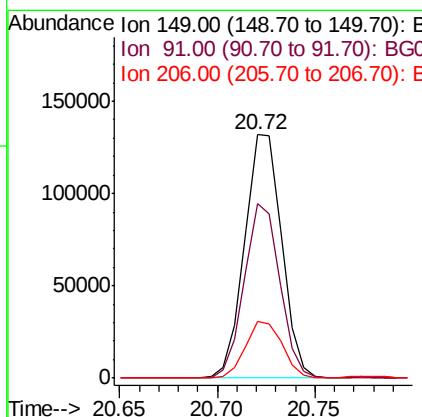
RT: 20.72 min Scan# 3001

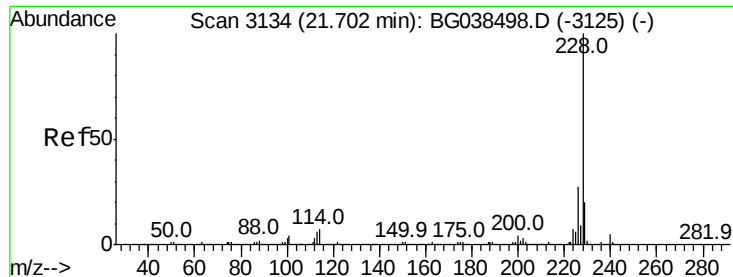
Delta R.T. -0.01 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Tgt Ion:	149	Resp:	174192
Ion Ratio	Lower	Upper	
149	100		
91	71.6	54.5	81.7
206	23.4	19.0	28.6





#81

Benzo(a)anthracene

Concen: 43.746 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Instrument :

BNA_G

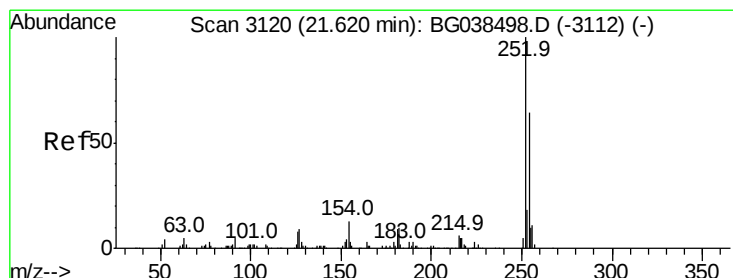
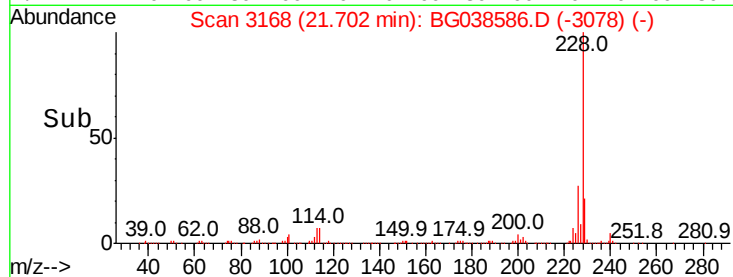
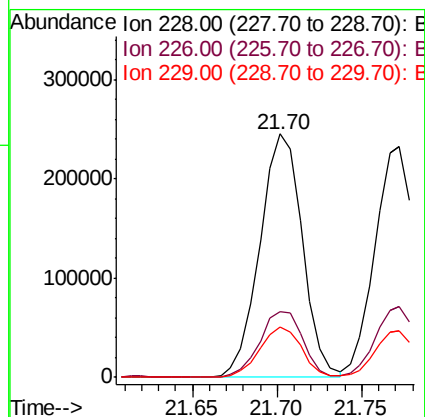
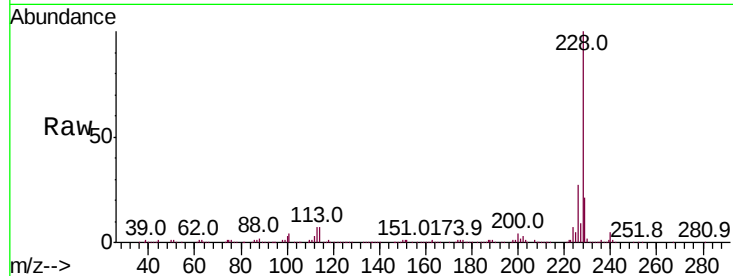
ClientSampleId :

PB115581BS

Tot Ion:	228	Resp:	428258
Ion Ratio	Lower	Upper	
228	100		
226	27.2	21.8	32.8
229	20.6	15.8	23.6

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#82

3,3'-Dichlorobenzidine

Concen: 28.146 ng

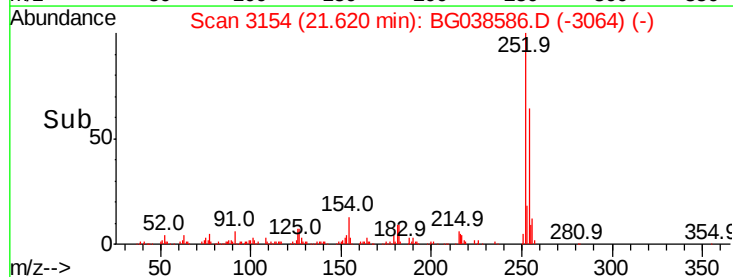
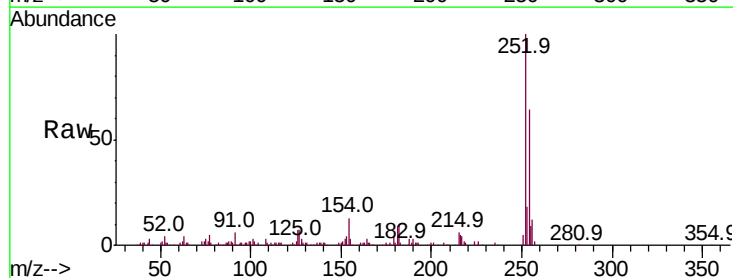
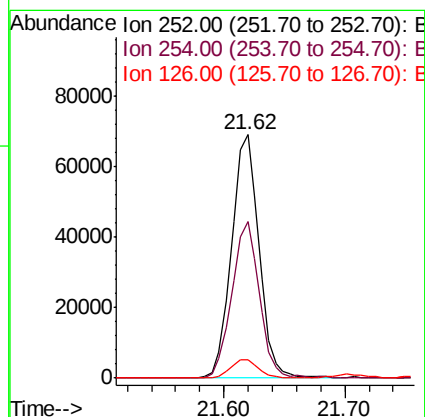
RT: 21.62 min Scan# 3154

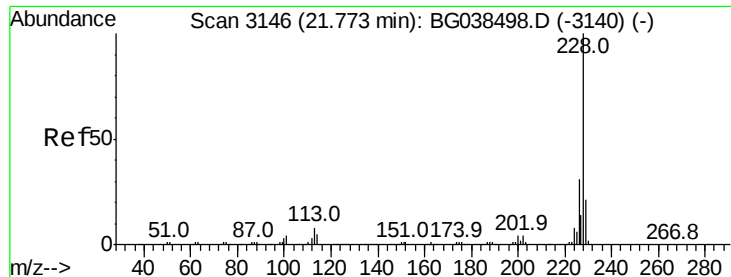
Delta R.T. -0.00 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Tgt Ion:	252	Resp:	109279
Ion Ratio	Lower	Upper	
252	100		
254	64.1	50.9	76.3
126	7.4	6.3	9.5





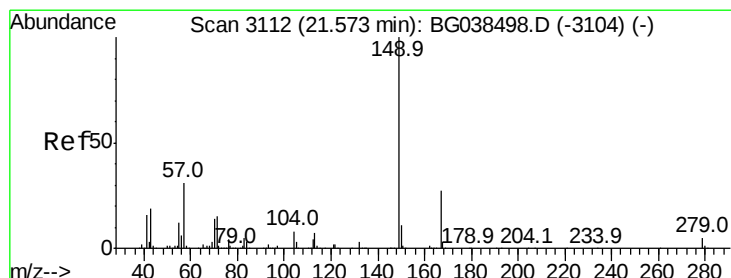
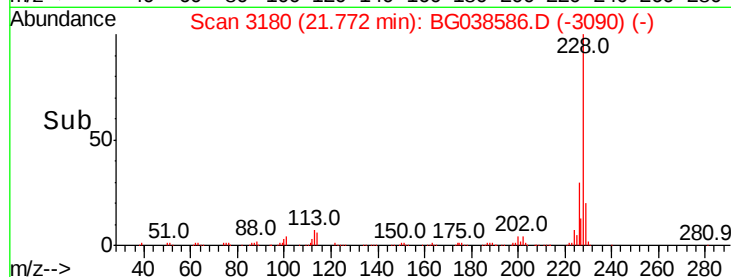
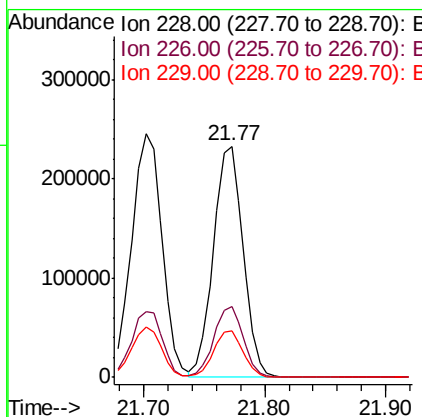
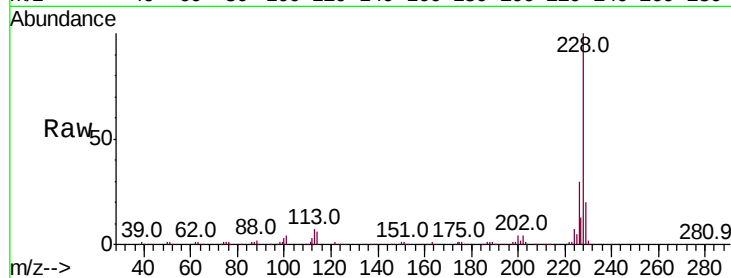
#83
 Chrysene
 Concen: 41.729 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BG038586.D
 Acq: 15 Dec 2018 3:01

Instrument :
 BNA_G
 ClientSampleId :
 PB115581BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	393481		
226	30.4	25.0	37.4	
229	20.0	16.5	24.7	

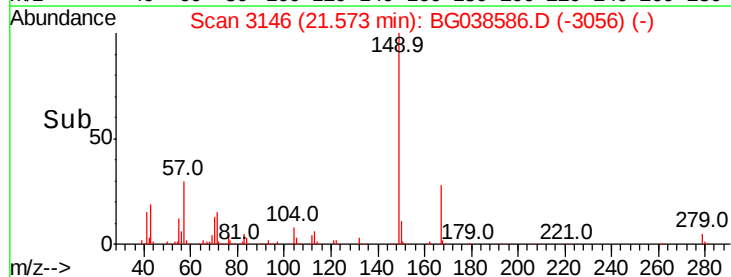
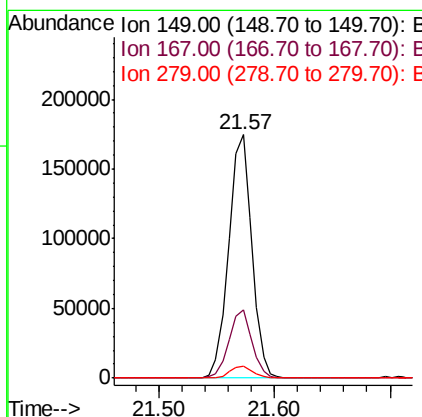
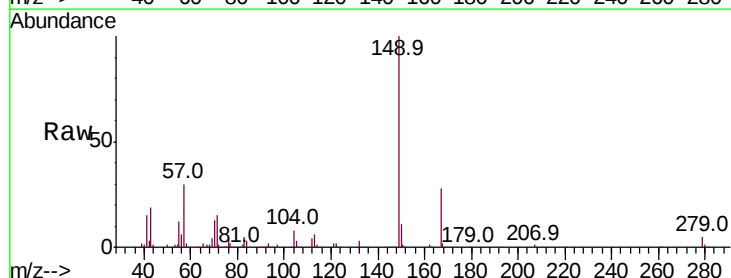
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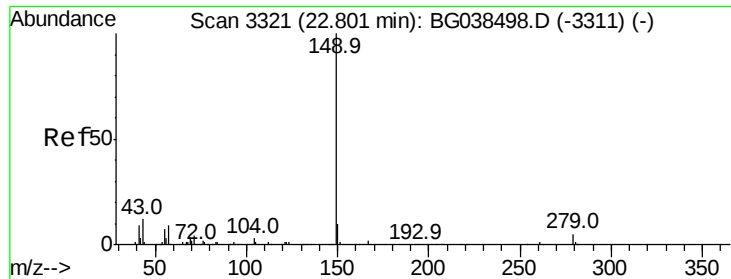
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.061 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG038586.D
 Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	241479		
167	28.1	21.9	32.9	
279	5.0	4.2	6.2	





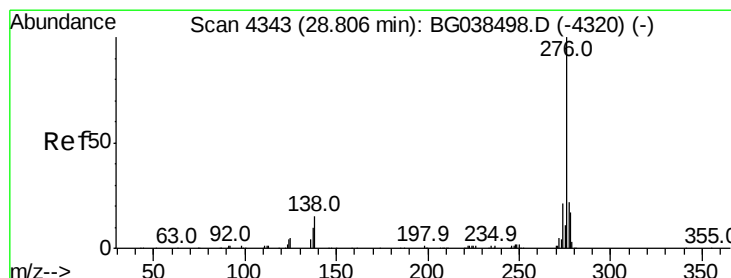
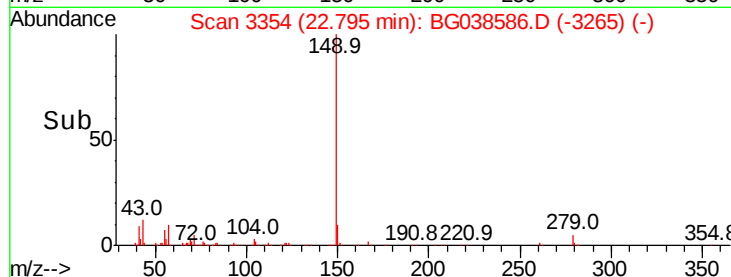
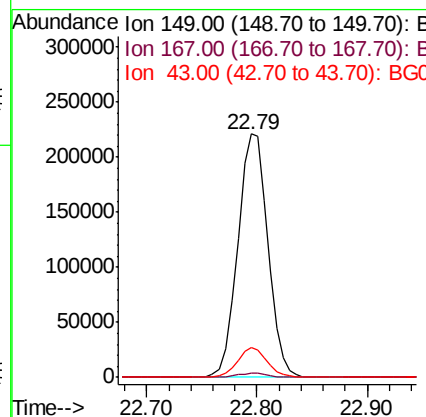
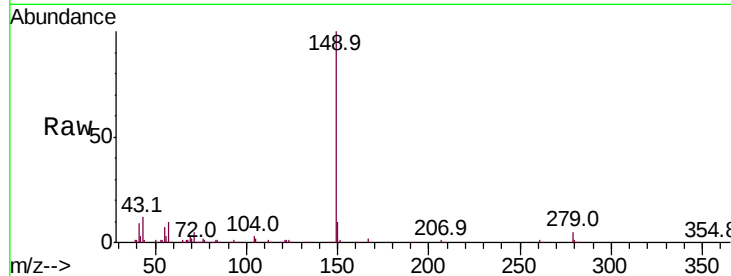
#85
Di-n-octyl phthalate
Concen: 42.910 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB115581BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	422620		
167	1.7		1.2	1.8
43	11.8		9.3	13.9

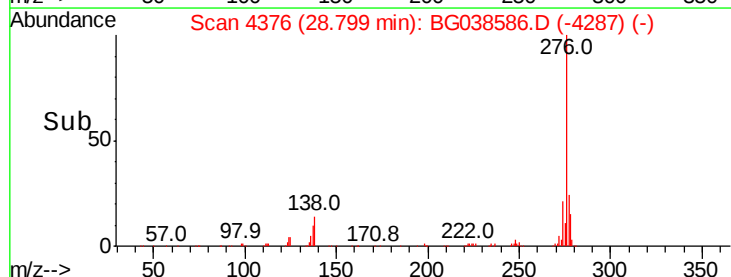
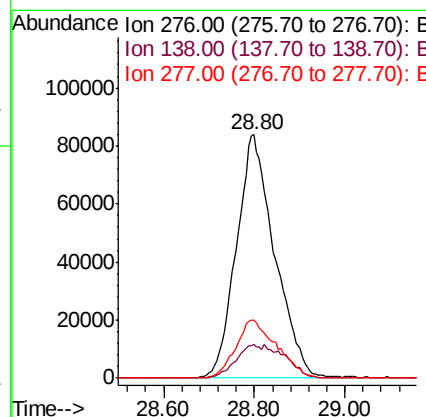
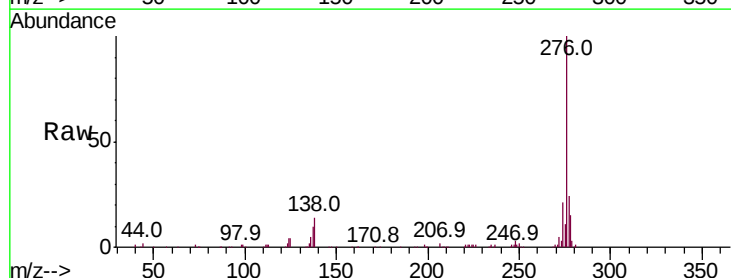
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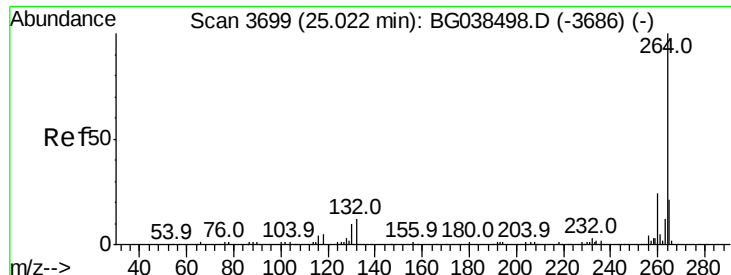
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 44.323 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	491355		
138	9.1		14.4	21.6#
277	25.5		0.0	0.0#





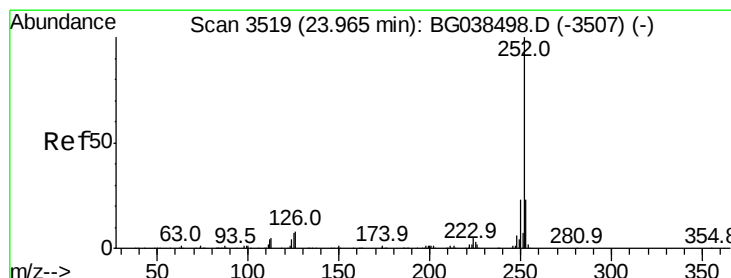
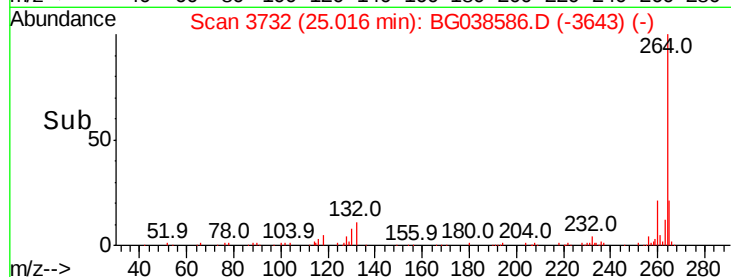
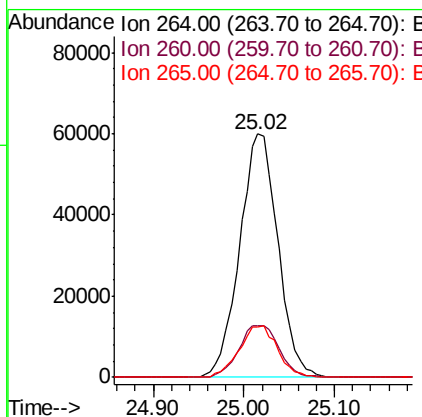
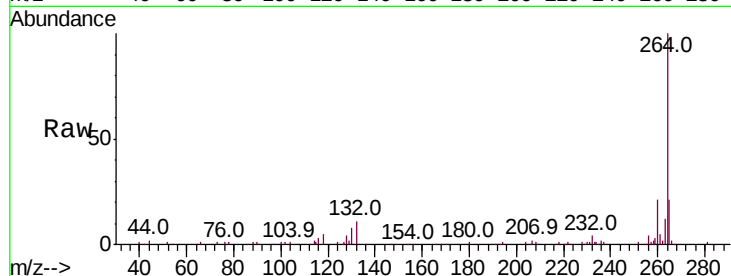
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB115581BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.2	18.9	28.3
265	20.6	17.0	25.4

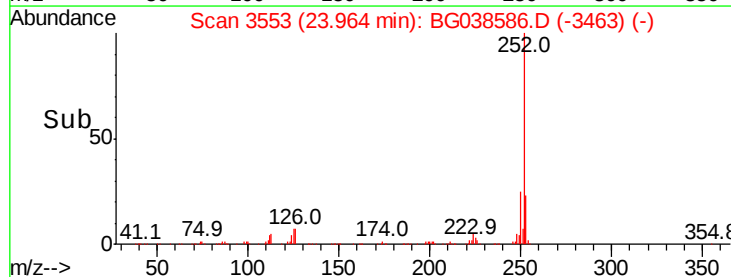
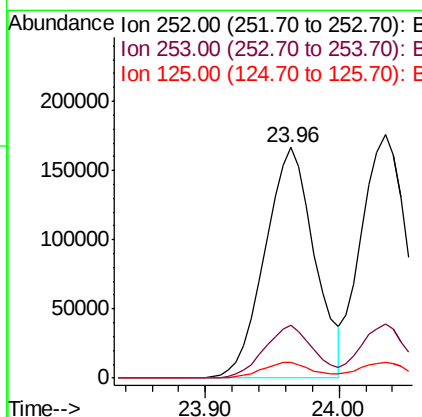
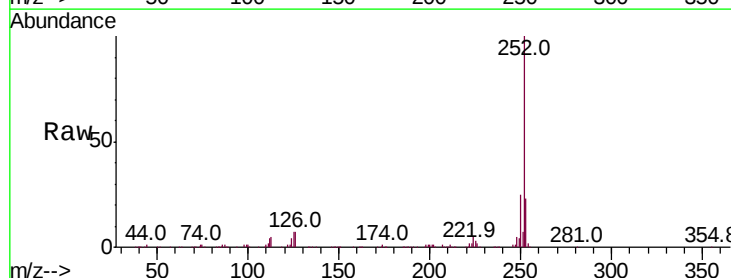
Manual Integrations
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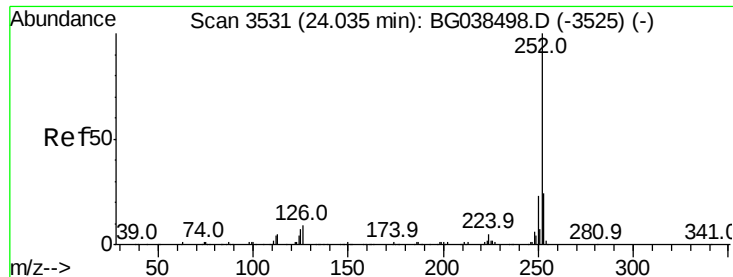
Sohil
12/17/2018 4:11:56 PM



#88
Benzo(b)fluoranthene
Concen: 44.596 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	6.7	5.5	8.3





#89

Benzo(k)fluoranthene

Concen: 43.066 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.00 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Instrument :

BNA_G

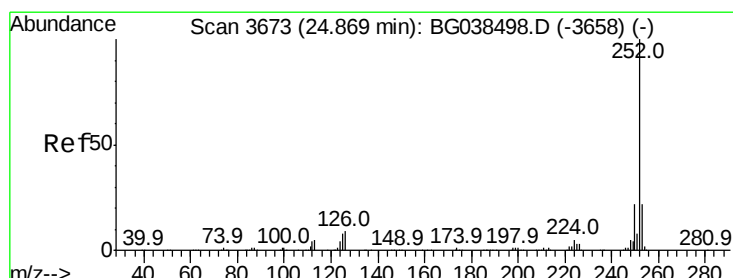
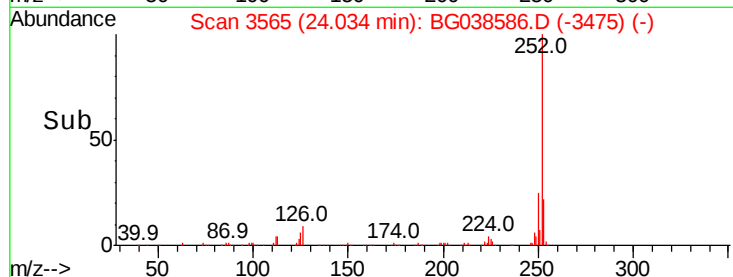
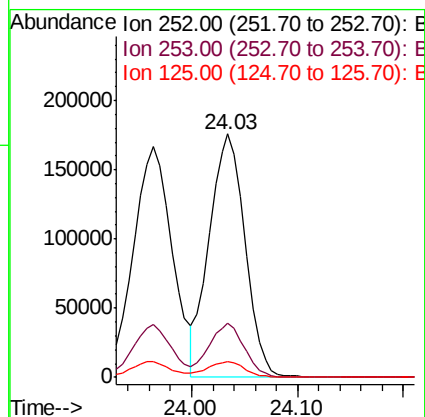
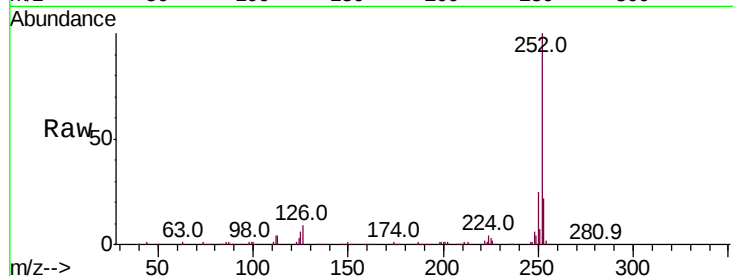
ClientSampleId :

PB115581BS

Tot Ion:	252	Resp:	413471
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.9	28.3
125	6.5	5.4	8.2

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 44.808 ng

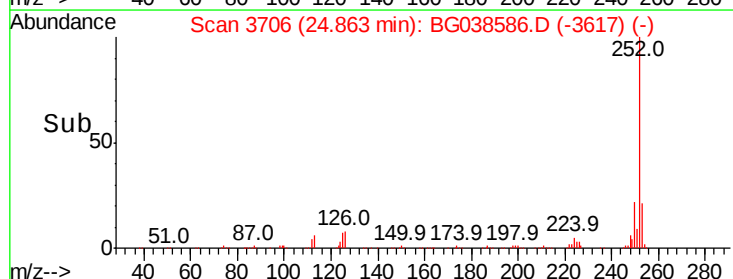
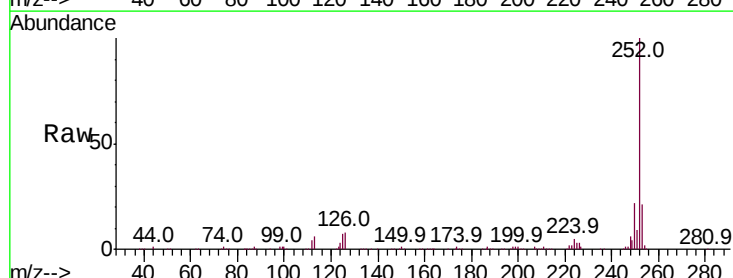
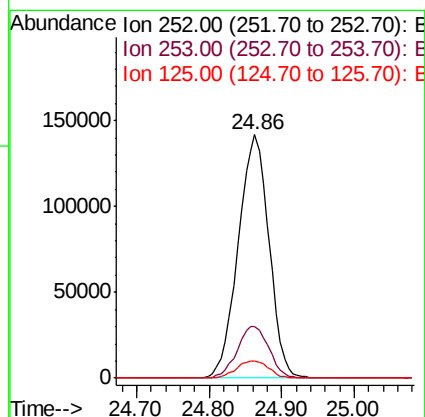
RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG038586.D

Acq: 15 Dec 2018 3:01

Tgt Ion:	252	Resp:	416775
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.4	26.0
125	7.0	6.4	9.6





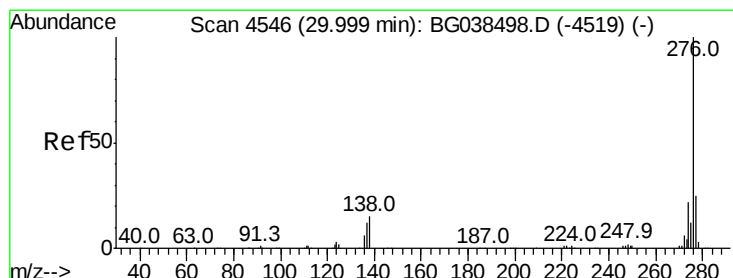
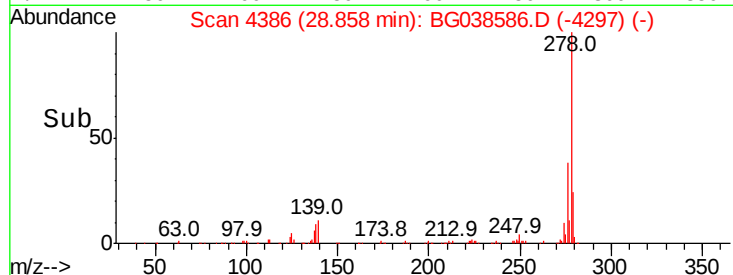
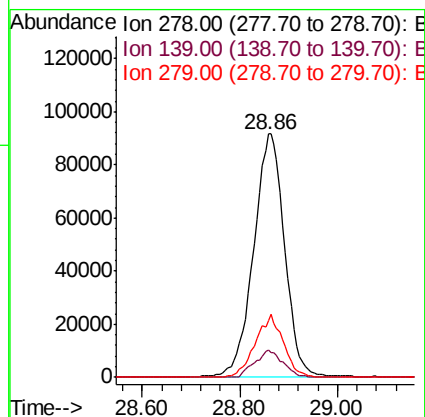
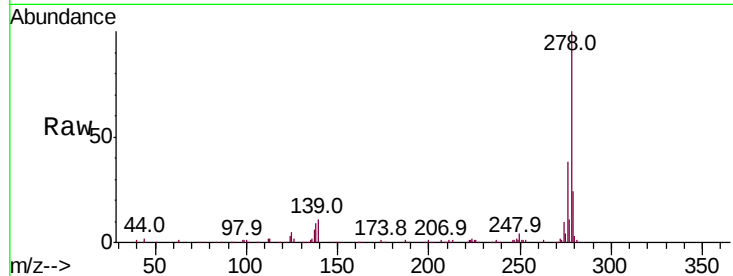
#91
Dibenzo(a,h)anthracene
Concen: 43.868 ng
RT: 28.86 min Scan# 4386
Delta R.T. -0.01 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Instrument :
BNA_G
ClientSampleId :
PB115581BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.5	8.6	12.8
279	23.5	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 44.274 ng
RT: 29.99 min Scan# 4578
Delta R.T. -0.01 min
Lab File: BG038586.D
Acq: 15 Dec 2018 3:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.8	29.8
138	15.9	11.8	17.6

