

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010219\
 Data File : BG038897.D
 Acq On : 2 Jan 2019 18:17
 Operator : JU/SJ
 Sample : PB116088BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

Manual Integrations
 APPROVED

Sohil
 1/3/2019 11:16:15 AM

Quant Time: Jan 03 00:39:34 2019
 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	8.05	152	24478	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	98420	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	71200	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	185109	20.00	ng	0.00
76) Chrysene-d12	21.71	240	182207	20.00	ng	-0.01
87) Perylene-d12	25.00	264	185220	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	171989	124.62	ng	0.00
7) Phenol-d6	7.21	99	237068	125.13	ng	0.00
23) Nitrobenzene-d5	9.23	82	119459	62.01	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	142916	145.64	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	333651	64.29	ng	-0.01
79) Terphenyl-d14	20.03	244	692428	82.71	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.48	88	30853	48.035 ng	98
3) Pyridine	3.88	79	59434	33.608 ng	98
4) n-Nitrosodimethylamine	3.81	42	34724	40.074 ng	# 96
6) Aniline	7.38	93	72190	29.848 ng	98
8) 2-Chlorophenol	7.61	128	72189	45.201 ng	96
9) Benzaldehyde	7.19	77	16540	13.458 ng	89
10) Phenol	7.24	94	93187	46.297 ng	98
11) bis(2-Chloroethyl)ether	7.46	93	59613	37.199 ng	93
12) 1,3-Dichlorobenzene	7.93	146	76224	40.365 ng	98
13) 1,4-Dichlorobenzene	8.08	146	78763	40.726 ng	97
14) 1,2-Dichlorobenzene	8.40	146	76099	41.738 ng	97
15) Benzyl Alcohol	8.29	79	64886	43.877 ng	94
16) 2,2'-oxybis(1-Chloropropan	8.56	45	118971	32.409 ng	97
17) 2-Methylphenol	8.49	107	63076	46.773 ng	97
18) Hexachloroethane	9.12	117	28130	39.804 ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	50375	37.857 ng	95
20) 3+4-Methylphenols	8.82	107	87595	47.033 ng	96
22) Acetophenone	8.88	105	103886	42.259 ng	# 94
24) Nitrobenzene	9.27	77	76947	39.482 ng	96
25) Isophorone	9.78	82	147610	42.645 ng	# 97
26) 2-Nitrophenol	9.98	139	44437	44.549 ng	91
27) 2,4-Dimethylphenol	10.03	122	73291	51.268 ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	83791	42.896 ng	98
29) 2,4-Dichlorophenol	10.51	162	85530	53.780 ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	84873	44.181 ng	95
31) Naphthalene	10.91	128	224433	46.282 ng	98
32) Benzoic acid	10.13	122	11217m	19.901 ng	
33) 4-Chloroaniline	11.03	127	65633	31.175 ng	99
34) Hexachlorobutadiene	11.17	225	55978	43.065 ng	94
35) Caprolactam	11.82	113	29316	44.542 ng	# 81
36) 4-Chloro-3-methylphenol	12.15	107	88489	48.757 ng	94
37) 2-Methylnaphthalene	12.52	142	172838	49.960 ng	98
38) 1-Methylnaphthalene	12.73	142	163536	48.714 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	108305	40.694 ng	99

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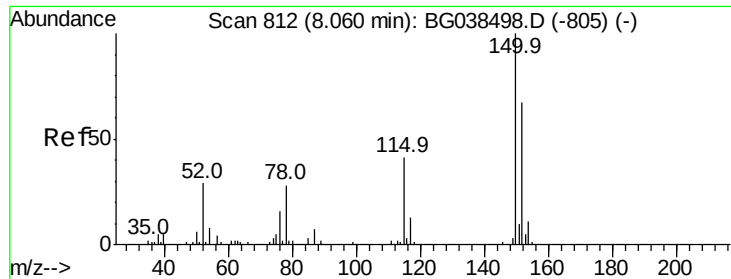
Manual Integrations
 APPROVED

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 1/3/2019 11:16:15 AM

Quant Time: Jan 03 00:39:34 2019
 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)
41) Hexachlorocyclopentadiene	12.84	237	126196	86.307	ng	93
43) 2,4,6-Trichlorophenol	13.12	196	82836	50.620	ng	97
44) 2,4,5-Trichlorophenol	13.20	196	89612	51.721	ng	96
46) 1,1'-Biphenyl	13.52	154	233238	39.076	ng	98
47) 2-Chloronaphthalene	13.57	162	190071	41.225	ng	96
48) 2-Nitroaniline	13.78	65	59284	40.368	ng	91
49) Acenaphthylene	14.41	152	313102	45.425	ng	99
50) Dimethylphthalate	14.13	163	255504	43.943	ng	99
51) 2,6-Dinitrotoluene	14.27	165	57734	43.816	ng	93
52) Acenaphthene	14.75	154	177289	43.015	ng	98
53) 3-Nitroaniline	14.61	138	43270	32.214	ng	94
54) 2,4-Dinitrophenol	14.81	184	40233	53.175	ng	96
55) Dibenzofuran	15.09	168	308618	43.682	ng	99
56) 4-Nitrophenol	14.92	139	86351	84.743	ng	99
57) 2,4-Dinitrotoluene	15.06	165	83469	44.976	ng	94
58) Fluorene	15.73	166	251506	48.049	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	84818	54.413	ng	96
60) Diethylphthalate	15.49	149	268305	42.034	ng	100
61) 4-Chlorophenyl-phenylether	15.72	204	141923	43.456	ng	96
62) 4-Nitroaniline	15.77	138	60707	43.901	ng	95
63) Azobenzene	16.01	77	212046	39.767	ng	95
65) 4,6-Dinitro-2-methylphenol	15.82	198	45350	34.344	ng	89
66) n-Nitrosodiphenylamine	15.94	169	232499	42.747	ng	97
67) 4-Bromophenyl-phenylether	16.61	248	97576	43.162	ng	93
68) Hexachlorobenzene	16.73	284	104955	44.786	ng	97
69) Atrazine	16.88	200	95232	47.181	ng	94
70) Pentachlorophenol	17.08	266	88563	63.892	ng	98
71) Phenanthrene	17.48	178	432759	45.083	ng	98
72) Anthracene	17.57	178	440639	46.499	ng	99
73) Carbazole	17.85	167	387285	41.324	ng	100
74) Di-n-butylphthalate	18.37	149	452396	42.068	ng	99
75) Fluoranthene	19.49	202	532916	44.870	ng	98
77) Benzidine	19.67	184	222366	41.266	ng	99
78) Pyrene	19.85	202	526966	43.778	ng	99
80) Butylbenzylphthalate	20.71	149	197571	42.012	ng	97
81) Benzo(a)anthracene	21.69	228	505338	45.515	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	129590	29.429	ng	100
83) Chrysene	21.76	228	466707	43.641	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	276354	41.434	ng	98
85) Di-n-octyl phthalate	22.78	149	467823	41.881	ng	97
86) Indeno(1,2,3-cd)pyrene	28.78	276	568233	45.196	ng	# 80
88) Benzo(b)fluoranthene	23.95	252	496457	48.819	ng	99
89) Benzo(k)fluoranthene	24.02	252	487021m	48.094	ng	
90) Benzo(a)pyrene	24.85	252	485679	49.505	ng	97
91) Dibenzo(a,h)anthracene	28.85	278	475492	48.677	ng	98
92) Benzo(g,h,i)perylene	29.97	276	471905	49.020	ng	96

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



#1

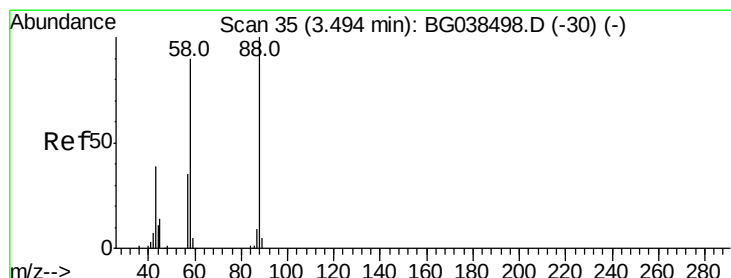
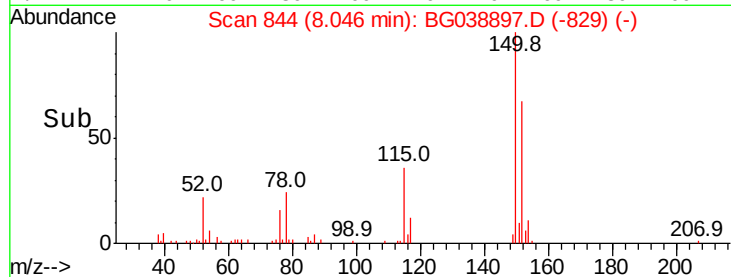
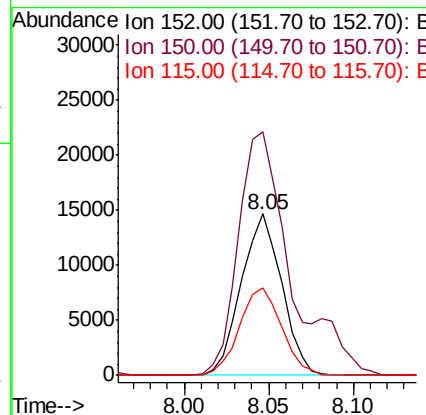
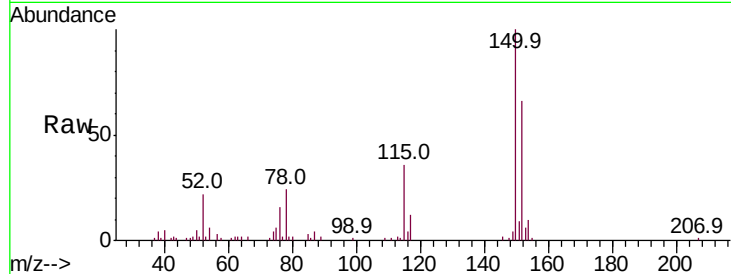
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	119.5	179.3
115	53.8	49.6	74.4

Manual Integrations
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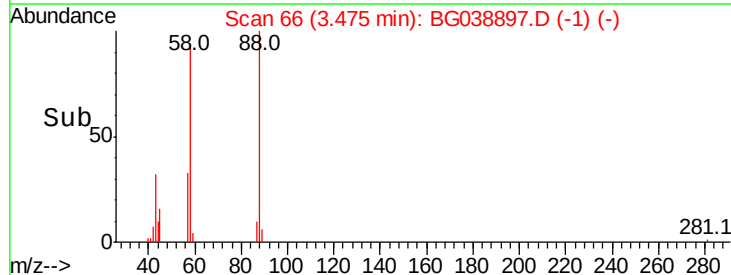
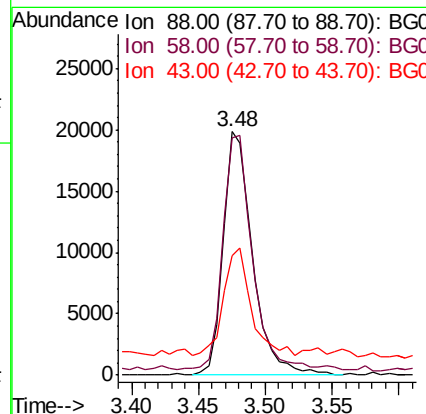
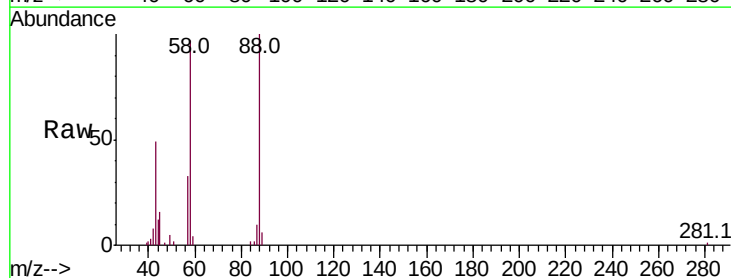
Sohil
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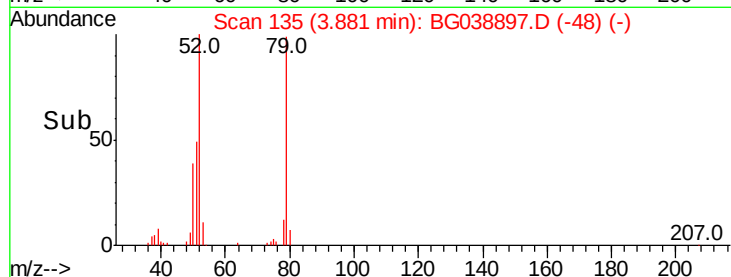
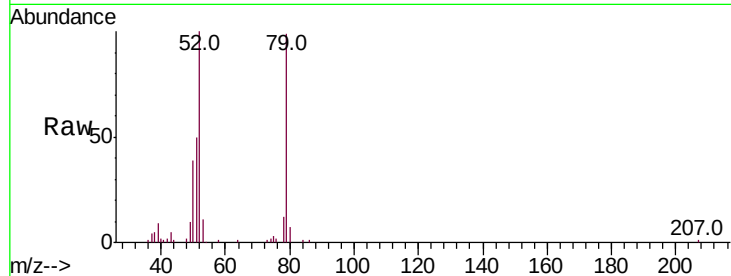
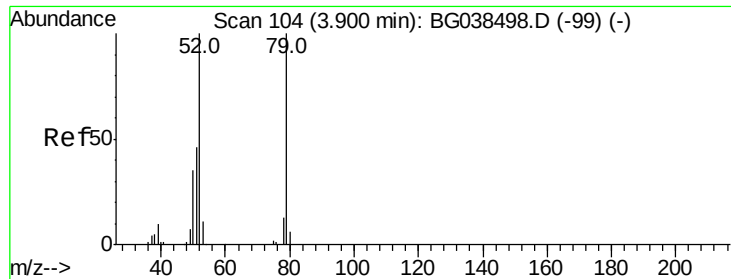


#2

1,4-Dioxane
Concen: 48.035 ng
RT: 3.48 min Scan# 66
Delta R.T. -0.02 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.5	75.7	113.5
43	41.0	31.6	47.4





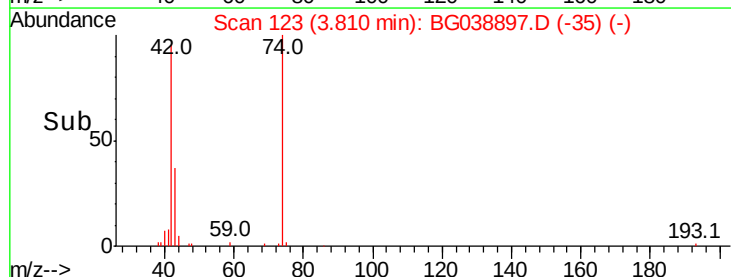
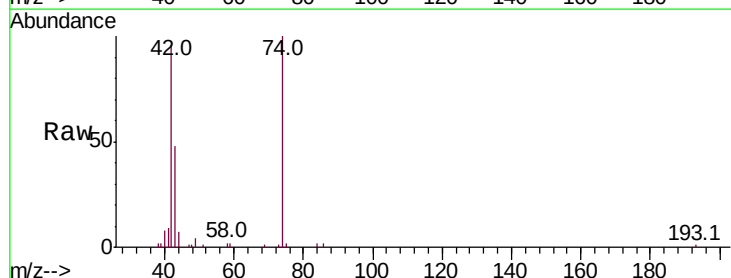
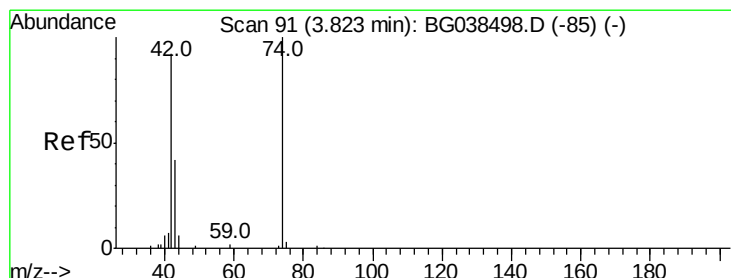
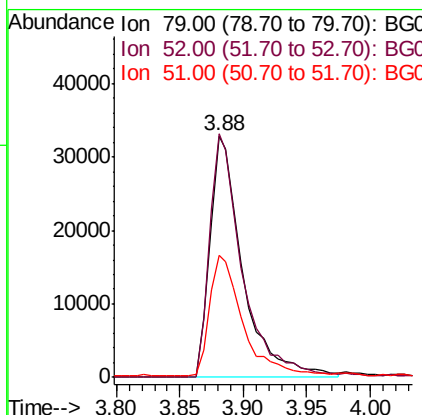
#3
 Pvridine
 Concen: 33.608 ng
 RT: 3.88 min Scan# 135
 Delta R.T. -0.02 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Tot Ion	Ratio	Lower	Upper
79	100		
52	100.8	80.2	120.2
51	50.7	38.0	57.0

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

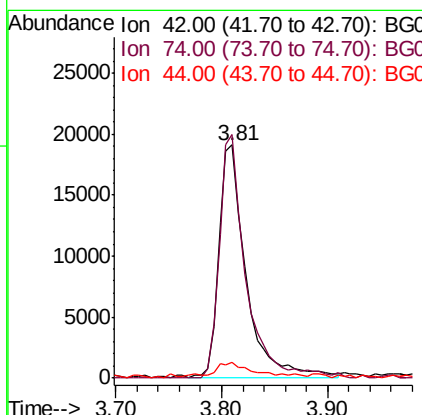
Manual Integrations
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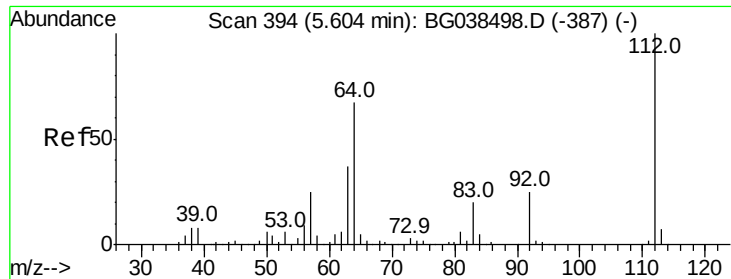
Sohil
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#4
 n-Nitrosodimethylamine
 Concen: 40.074 ng
 RT: 3.81 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	104.3	86.7	130.1
44	6.8	7.8	11.8#





#5

2-Fluorophenol

Concen: 124.622 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

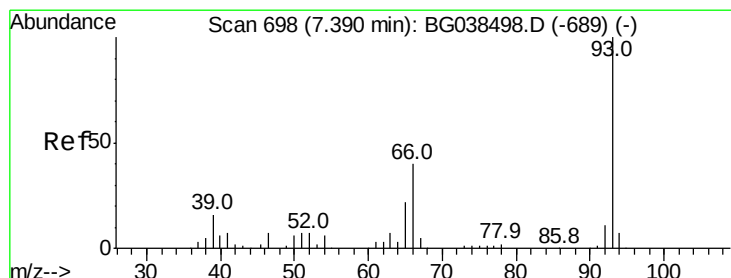
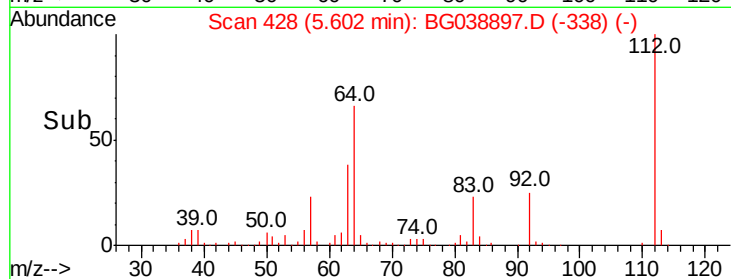
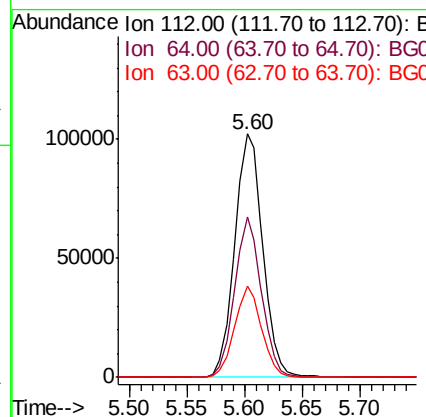
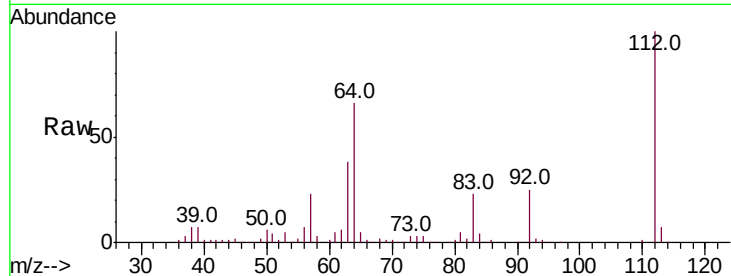
ClientSampleId :

PB116088BS

Tot Ion:	112	Resp:	171989
Ion Ratio	Lower	Upper	
112	100		
64	65.9	53.4	80.2
63	37.5	29.3	43.9

Manual Integrations
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#6

Aniline

Concen: 29.848 ng

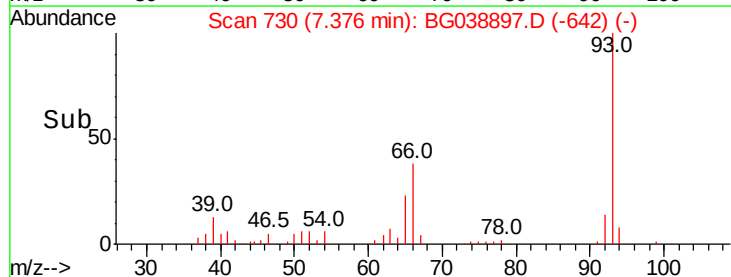
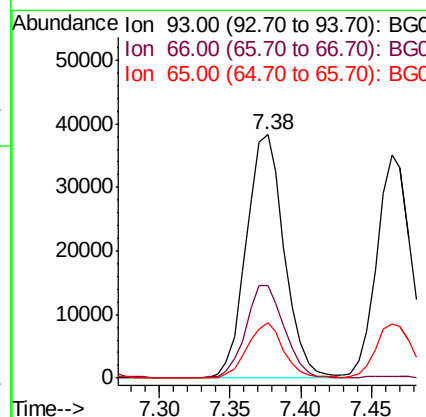
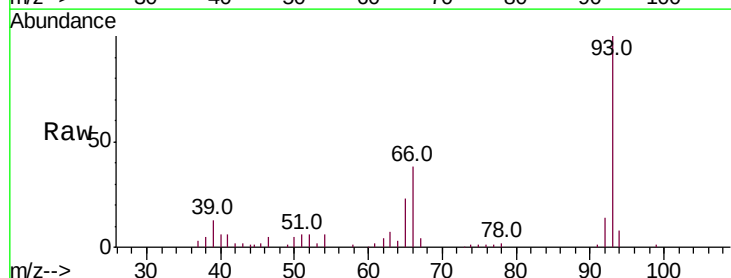
RT: 7.38 min Scan# 730

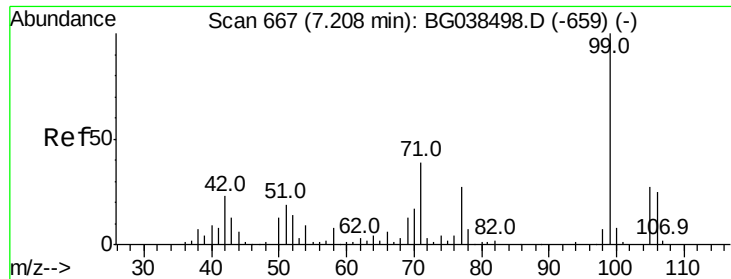
Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Tgt Ion:	93	Resp:	72190
Ion Ratio	Lower	Upper	
93	100		
66	37.9	31.7	47.5
65	22.6	17.8	26.6





#7

Phenol-d6

Concen: 125.128 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB116088BS

Tot Ion: 99 Resp: 237068

Ion Ratio Lower Upper

99 100

42 20.7 18.5 27.7

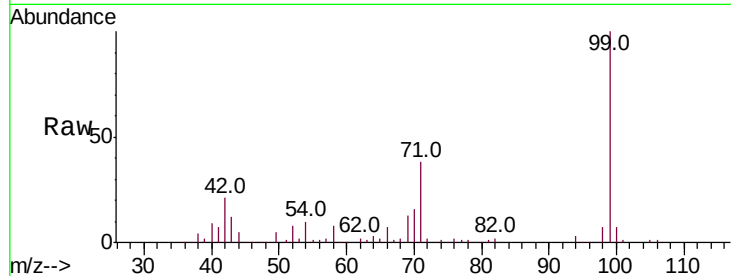
71 38.4 31.1 46.7

Manual Integrations

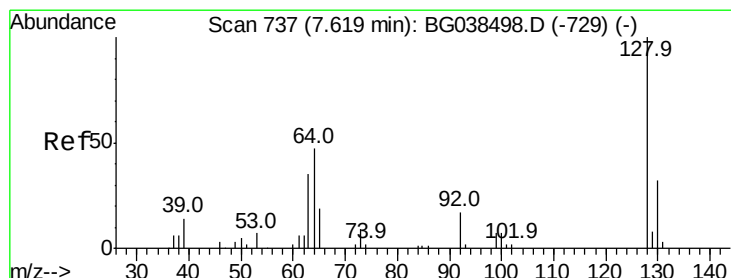
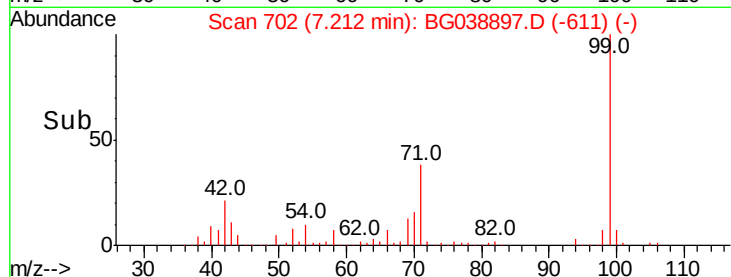
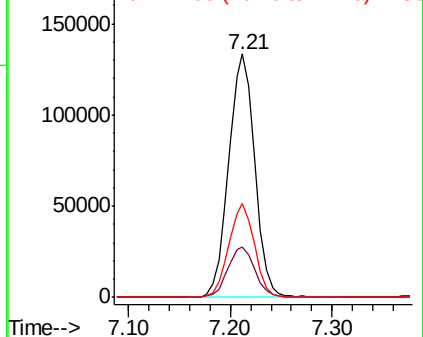
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.201 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

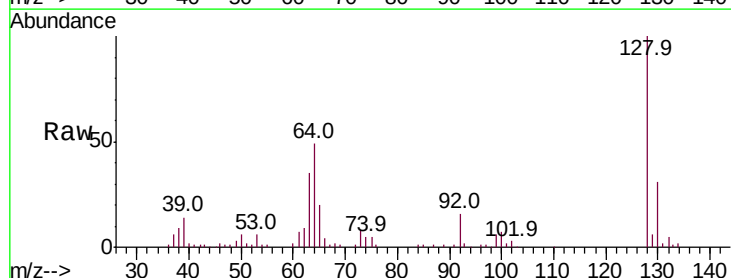
Tgt Ion: 128 Resp: 72189

Ion Ratio Lower Upper

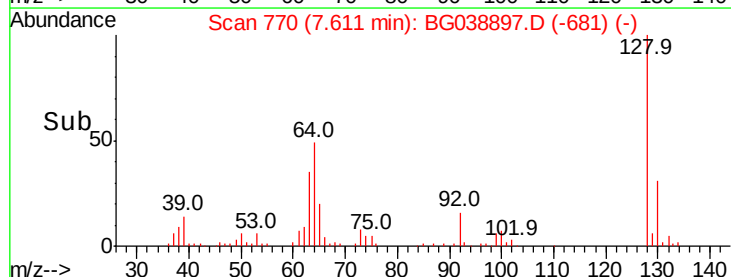
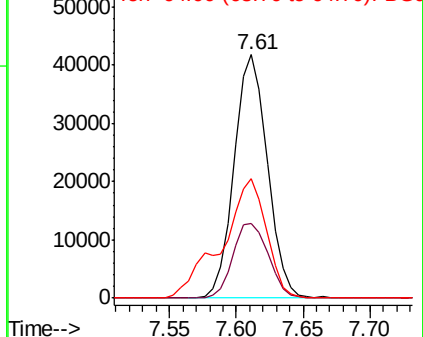
128 100

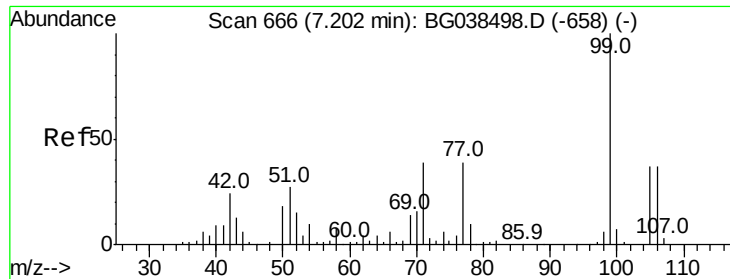
130 30.8 11.8 51.8

64 49.0 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: 13.458 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

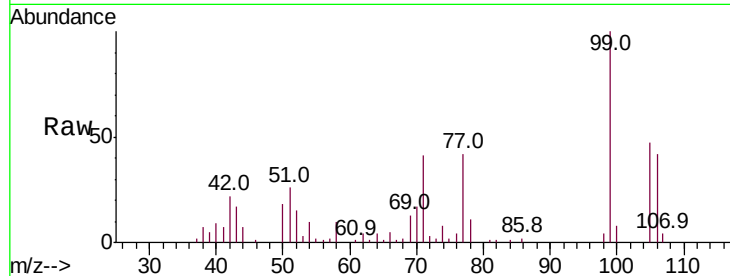
ClientSampleId :

PB116088BS

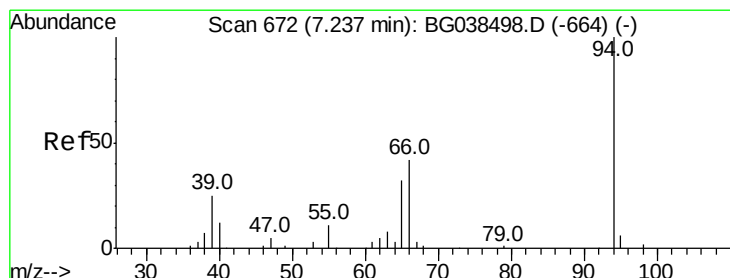
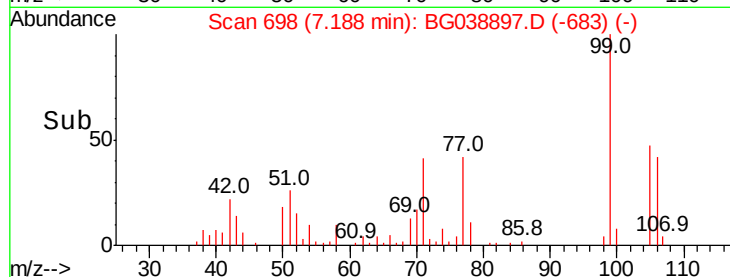
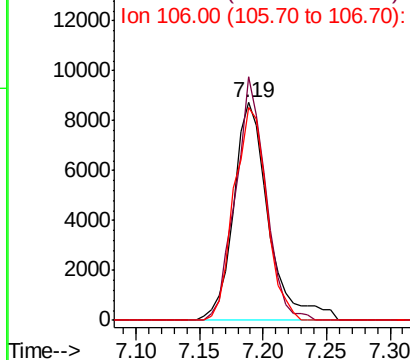
Tot Ion:	77	Resp:	16540
Ion	Ratio	Lower	Upper
77	100		
105	111.9	74.0	114.0
106	98.1	73.9	113.9

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



#10

Phenol

Concen: 46.297 ng

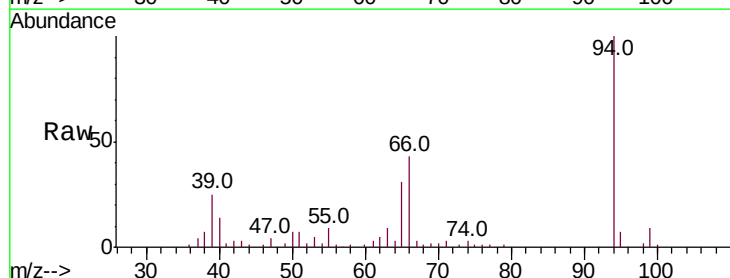
RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

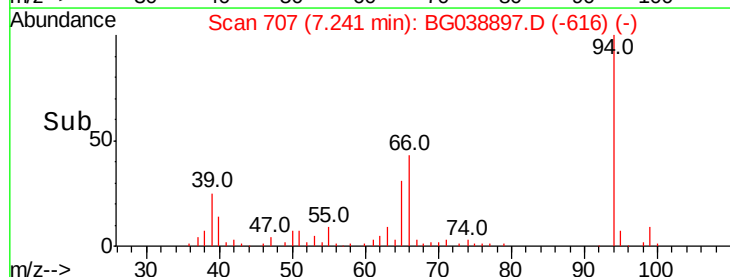
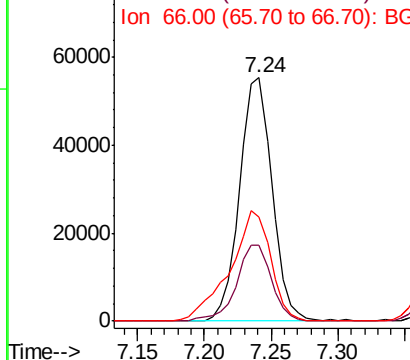
Lab File: BG038897.D

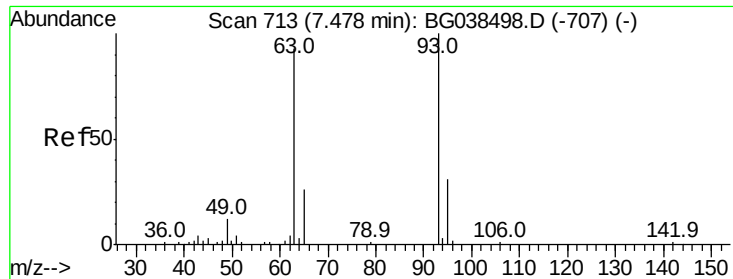
Acq: 2 Jan 2019 18:17

Tgt Ion:	94	Resp:	93187
Ion	Ratio	Lower	Upper
94	100		
65	31.4	12.6	52.6
66	42.5	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





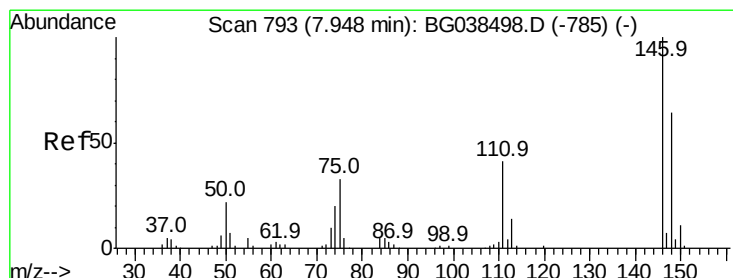
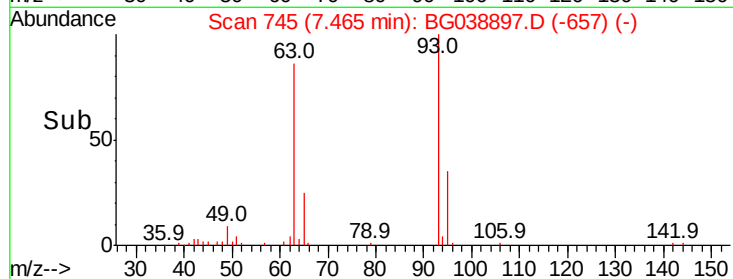
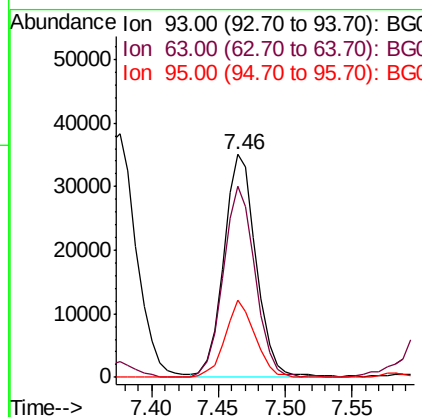
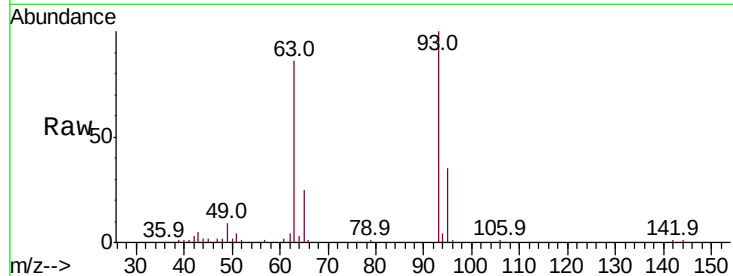
#11
bis(2-Chloroethyl)ether
Concen: 37.199 ng
RT: 7.46 min Scan# 745
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.7	72.2	112.2
95	34.6	11.2	51.2

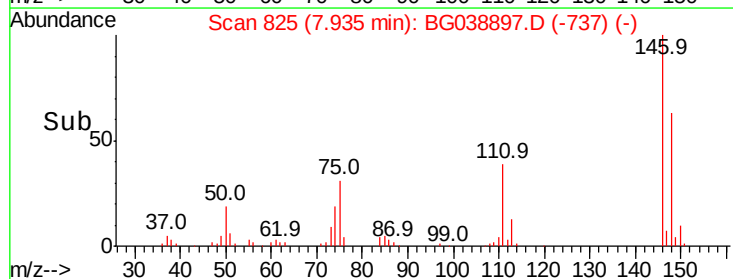
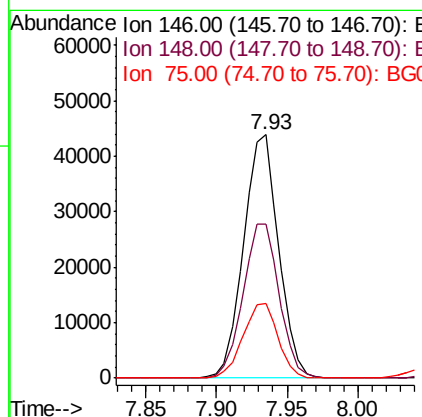
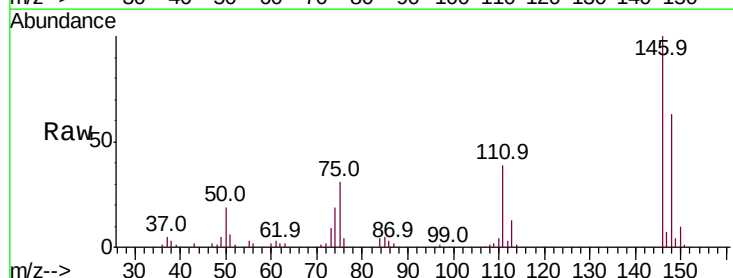
Manual Integrations
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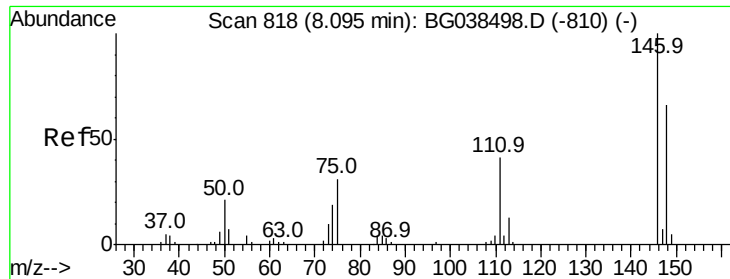
Sohil
1/3/2019 11:16:15 AM



#12
1,3-Dichlorobenzene
Concen: 40.365 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
75	30.8	26.1	39.1





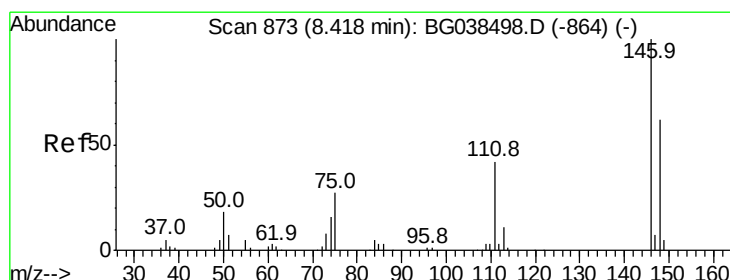
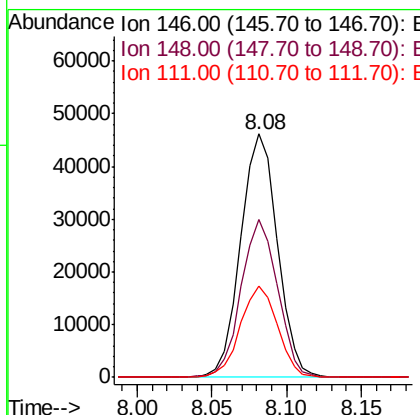
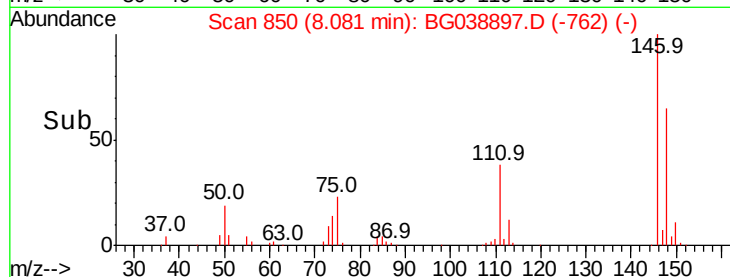
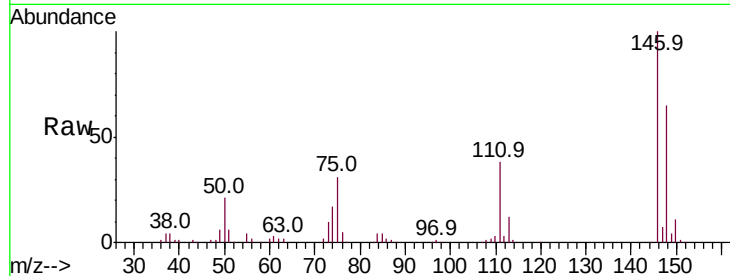
#13
 1,4-Dichlorobenzene
 Concen: 40.726 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.4	78.6
111	37.7	33.0	49.4

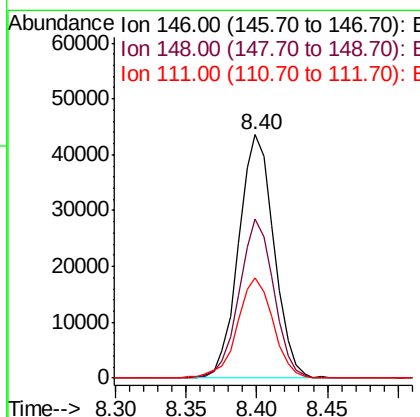
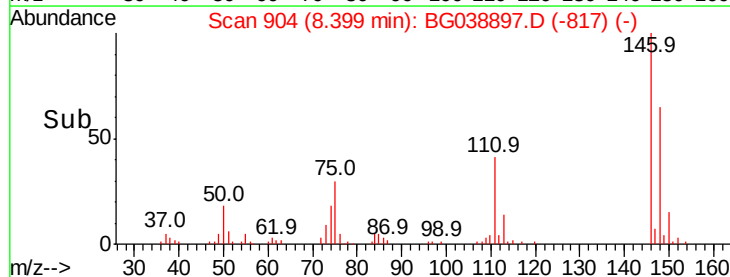
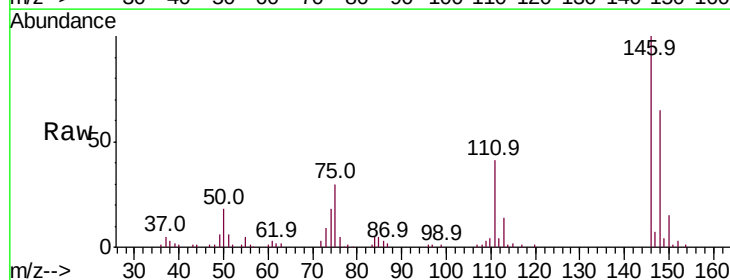
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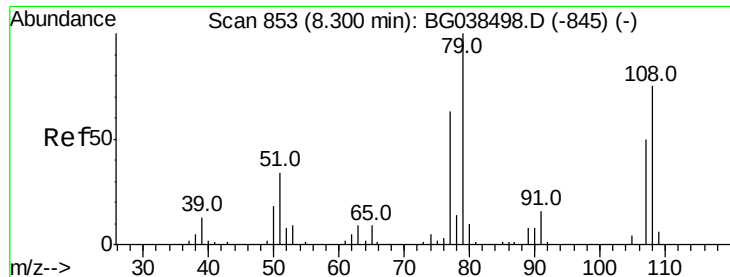
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 41.738 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	49.4	74.0
111	41.1	33.8	50.6





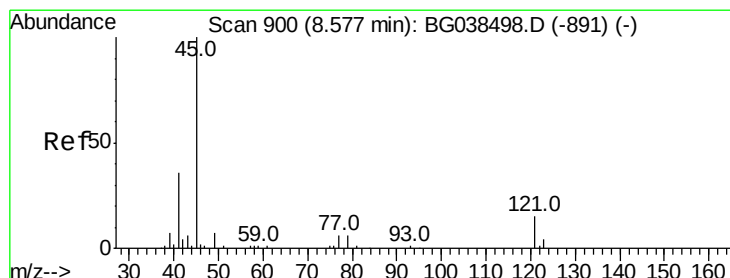
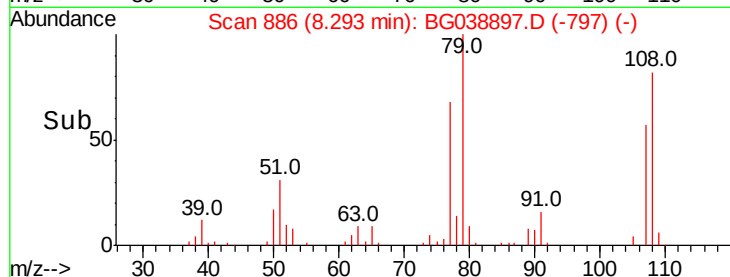
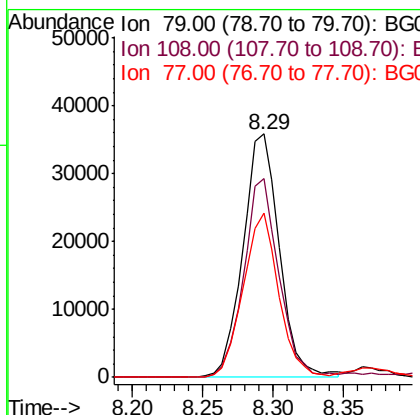
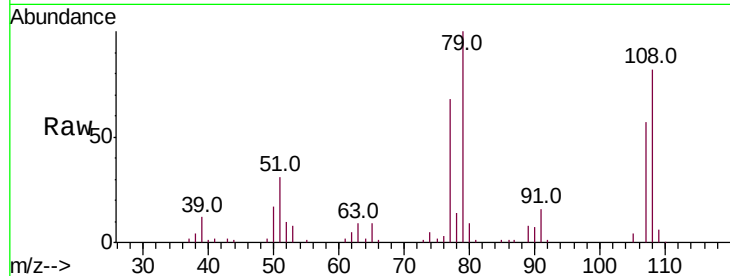
#15
Benzyl Alcohol
Concen: 43.877 ng
RT: 8.29 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.6	60.2	90.4
77	67.5	50.7	76.1

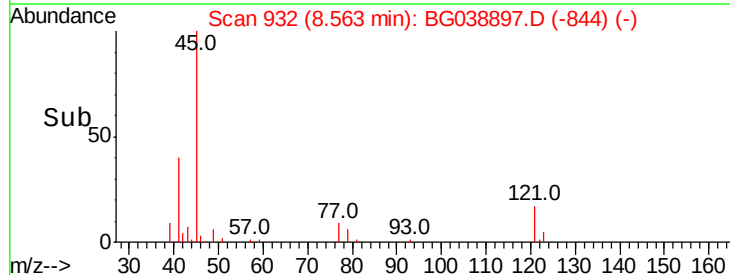
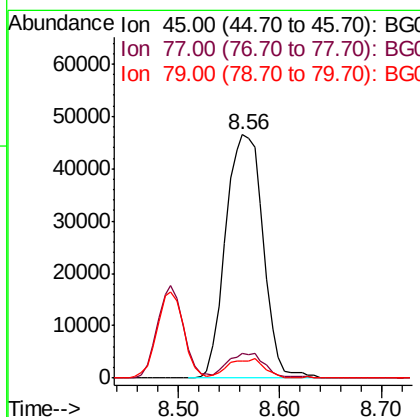
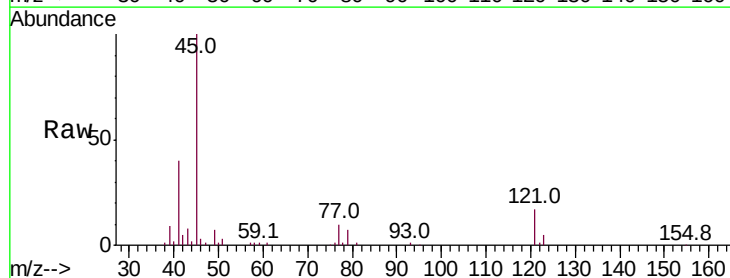
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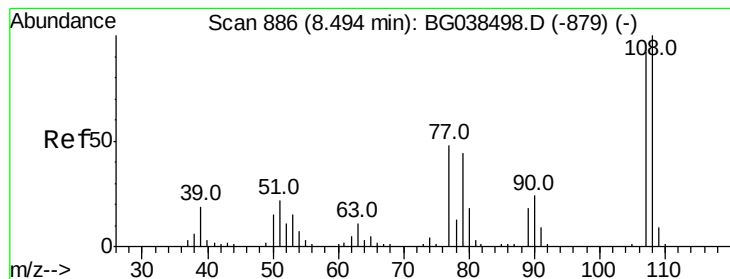
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.409 ng
RT: 8.56 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.0	0.0	28.2
79	6.8	0.0	27.2





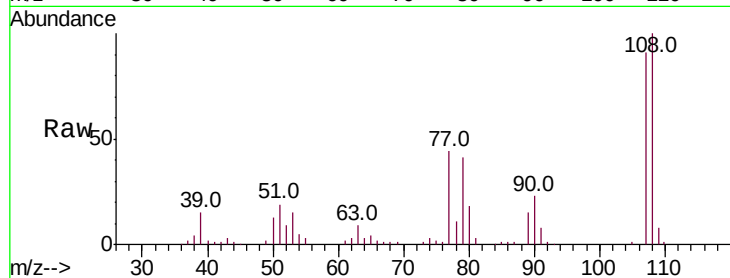
#17
2-Methylphenol
Concen: 46.773 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion:	107	Resp:	63076
Ion	Ratio	Lower	Upper
107	100		
108	110.1	87.1	130.7
77	48.3	42.0	63.0
79	45.2	38.2	57.2

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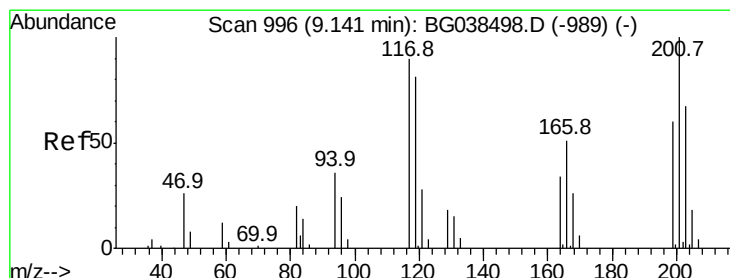
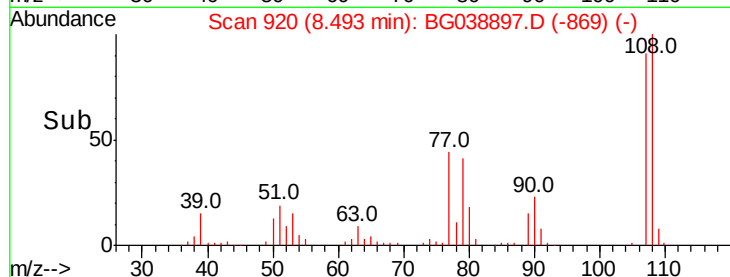
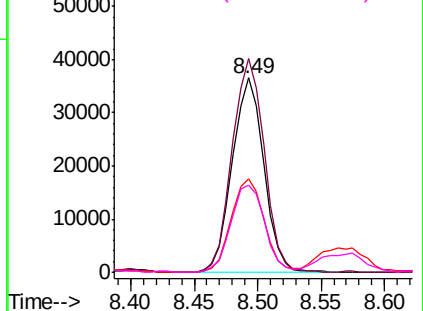
Abundance

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: 39.804 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

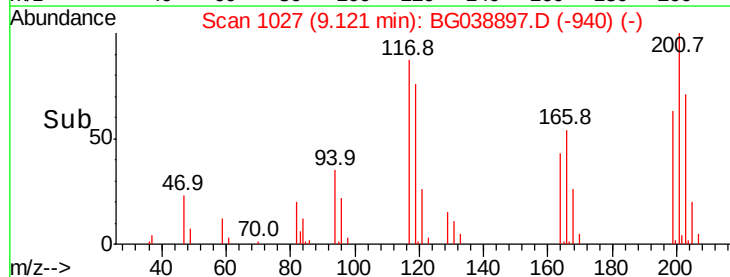
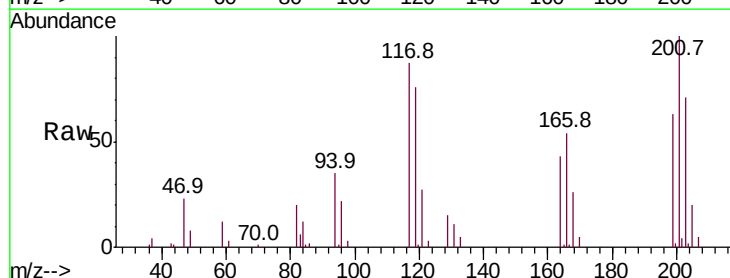
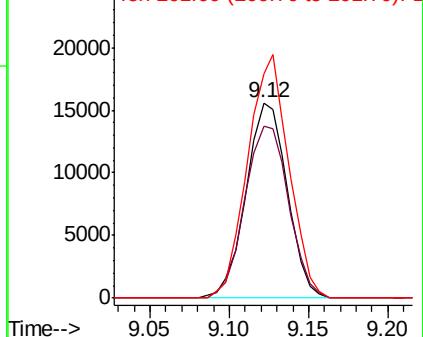
Tgt Ion:	117	Resp:	28130
Ion	Ratio	Lower	Upper
117	100		
119	87.8	73.8	110.8
201	119.4	89.4	134.0

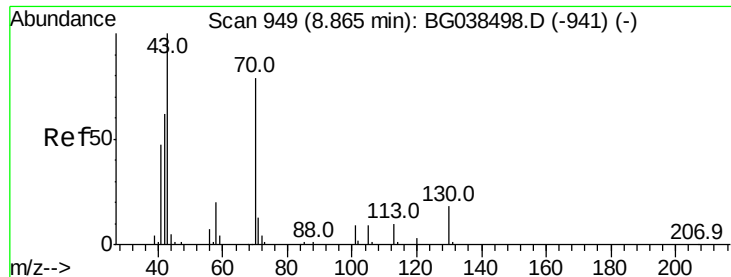
Abundance

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: 37.857 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

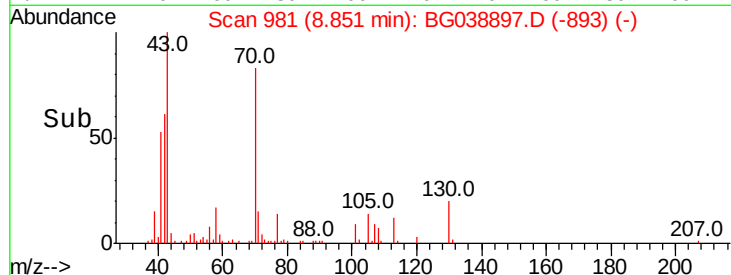
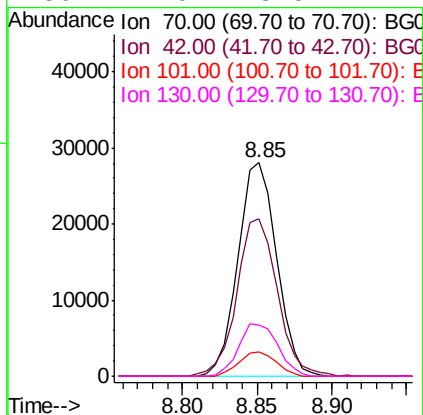
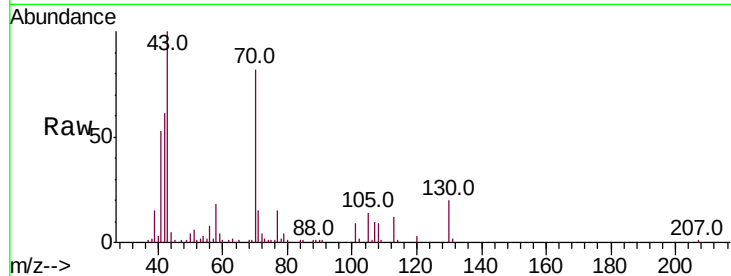
ClientSampleId :

PB116088BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	73.9	63.6	95.4	
101	11.5	9.2	13.8	
130	24.0	18.5	27.7	

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#20

3+4-Methylphenols

Concen: 47.033 ng

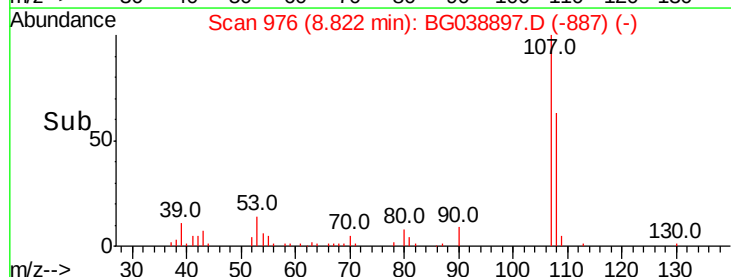
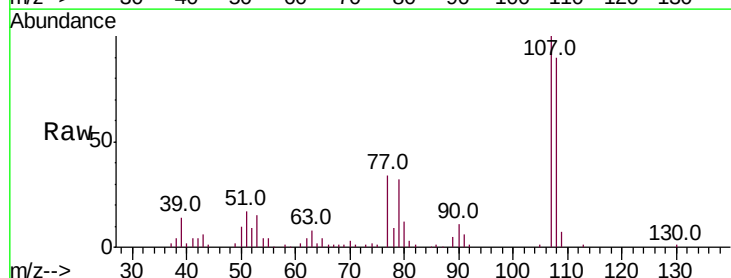
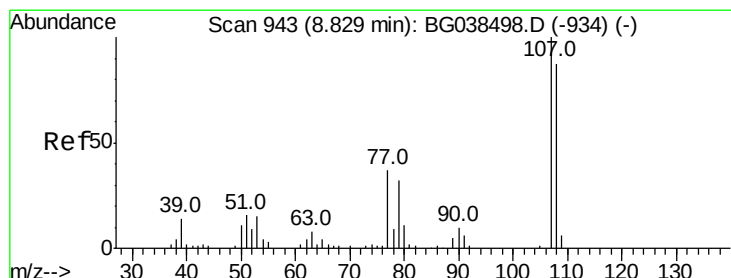
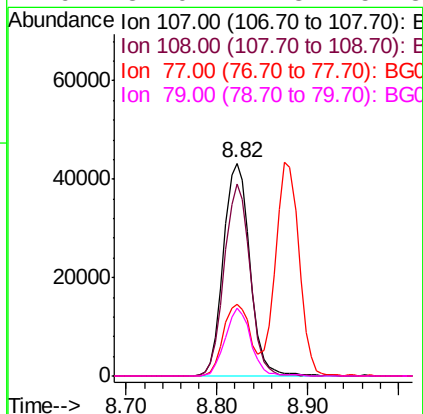
RT: 8.82 min Scan# 976

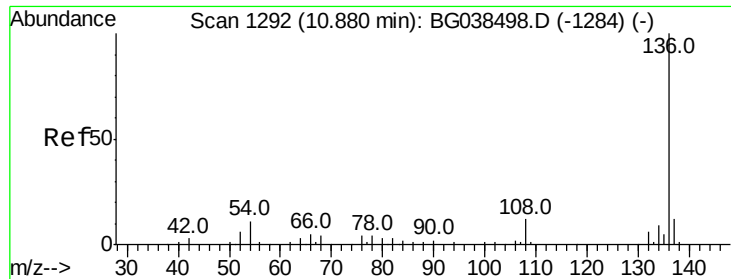
Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.2	66.7	106.7	
77	33.6	17.3	57.3	
79	32.0	12.3	52.3	





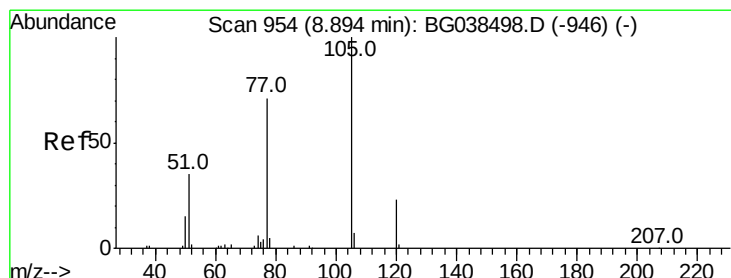
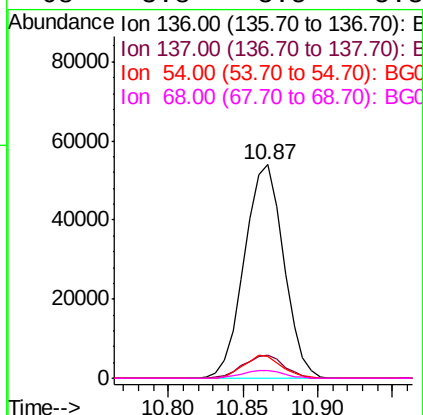
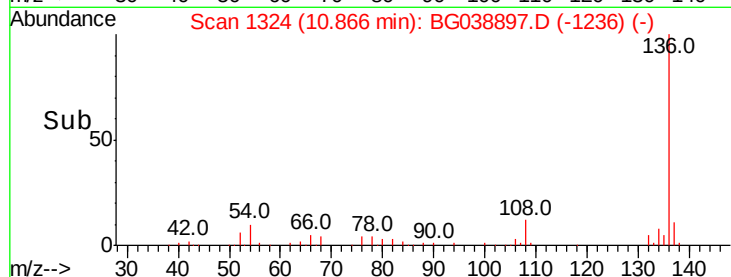
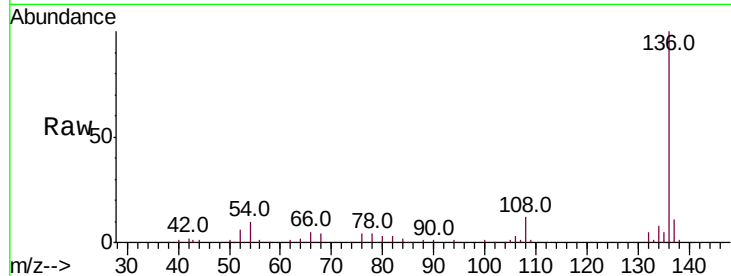
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.3	13.9
54	9.9	8.5	12.7
68	3.8	3.5	5.3

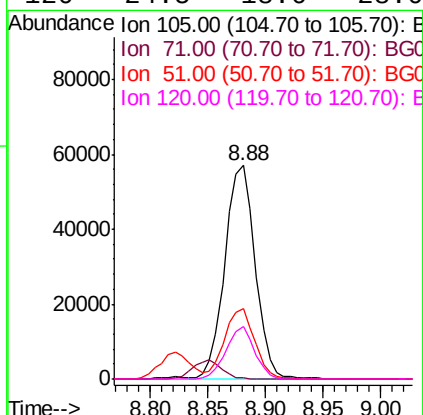
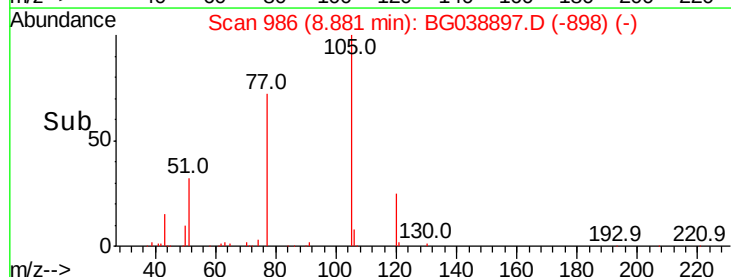
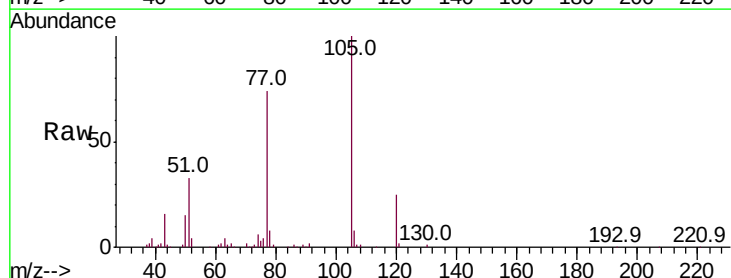
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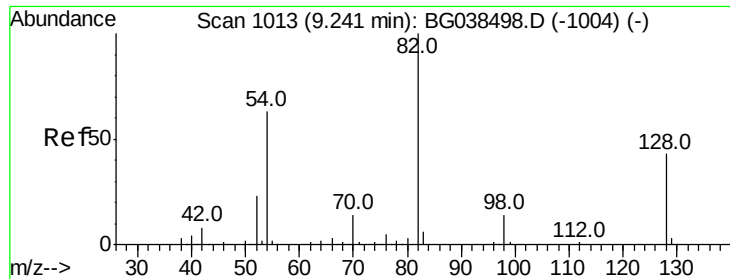
Sohil
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#22
Acetophenone
Concen: 42.259 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.4	0.6#
51	32.9	30.6	46.0
120	24.5	18.6	28.0





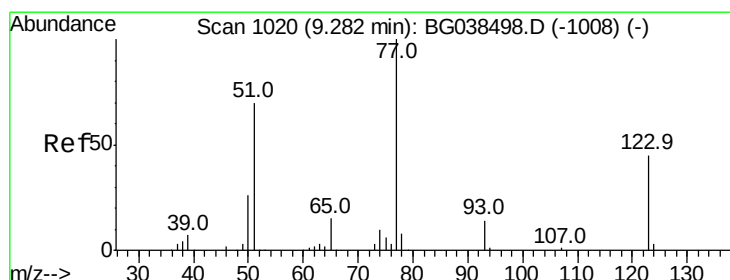
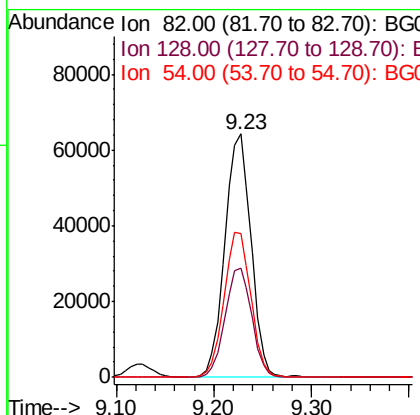
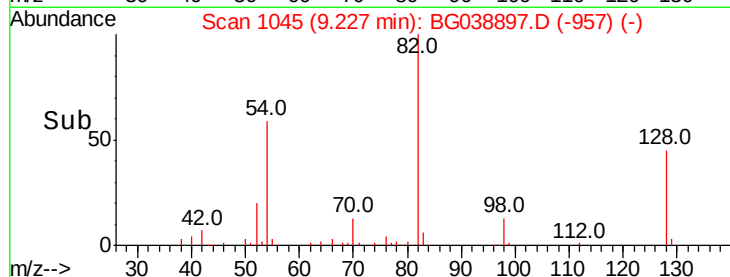
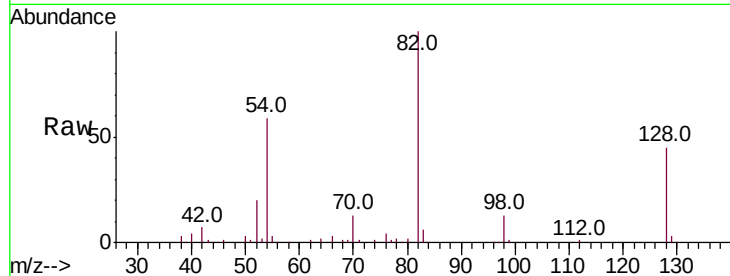
#23
Nitrobenzene-d5
Concen: 62.008 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	52.0
54	59.0	50.6	76.0

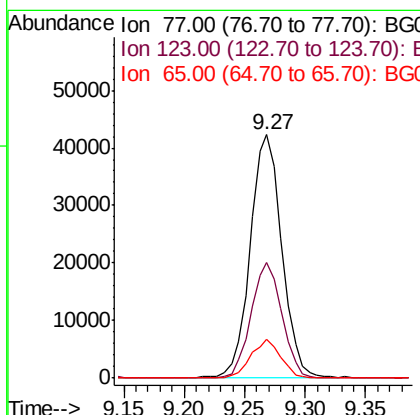
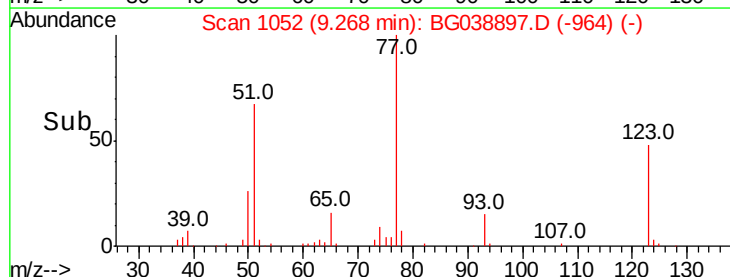
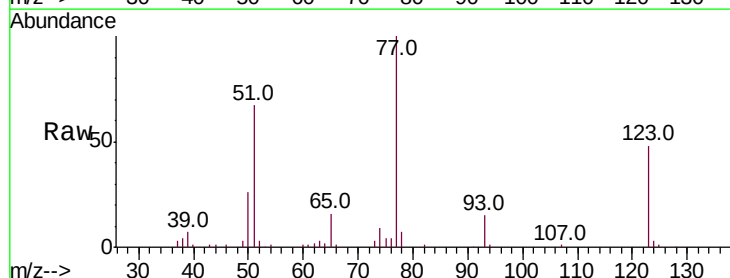
Manual Integrations
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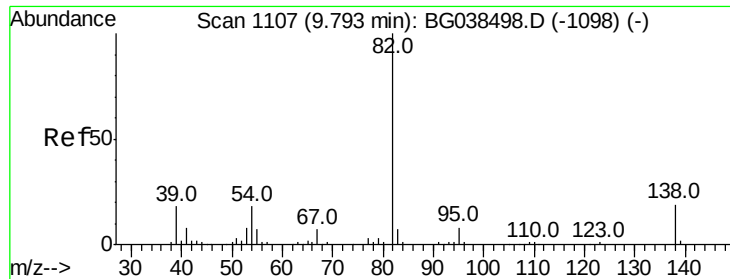
Sohil
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#24
Nitrobenzene
Concen: 39.482 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	35.9	53.9
65	16.0	12.0	18.0





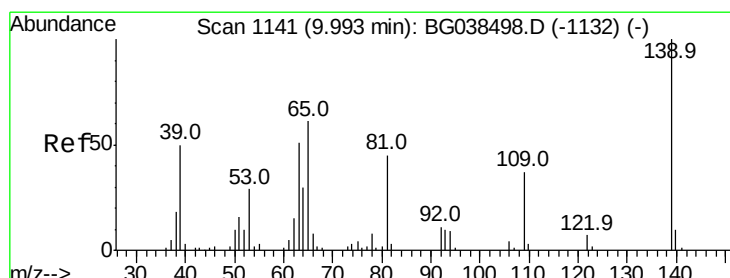
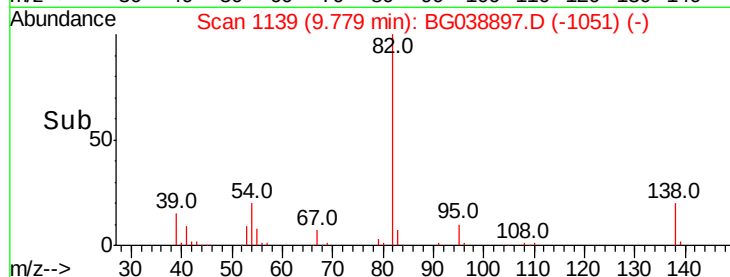
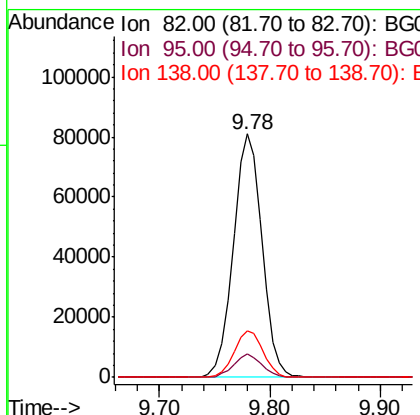
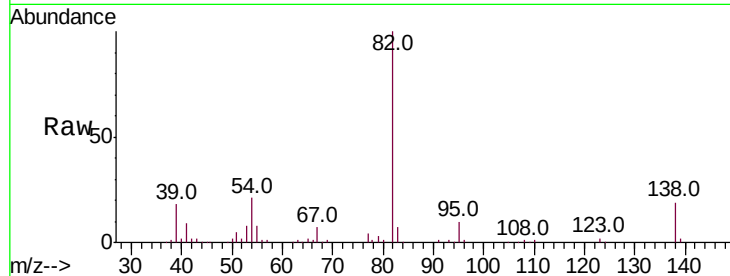
#25
Isophorone
Concen: 42.645 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	9.5	6.1	9.1#
138	19.3	14.9	22.3

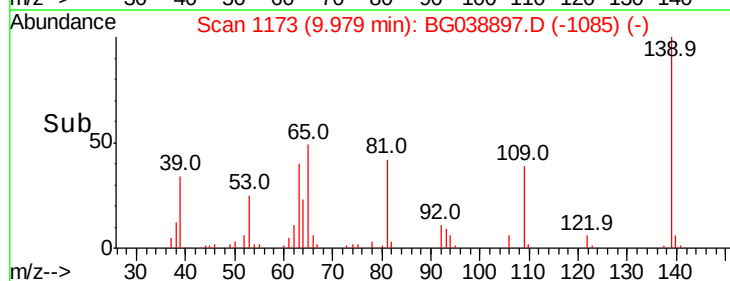
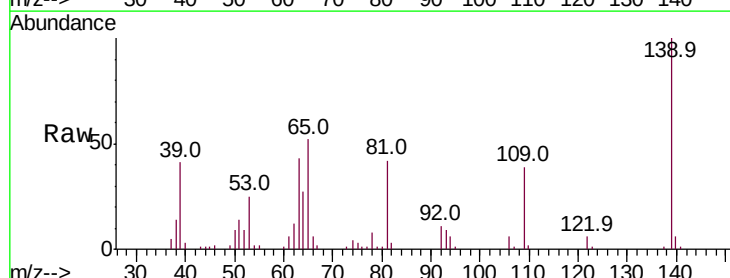
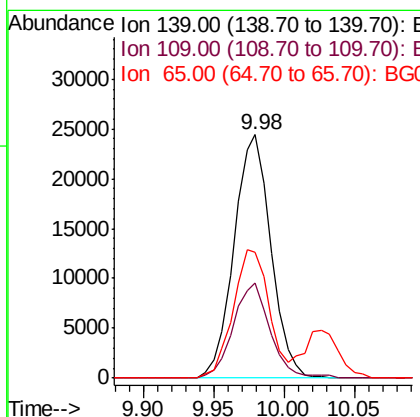
Manual Integrations
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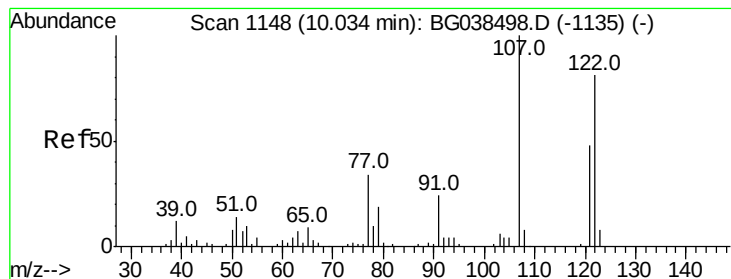
Sohil
1/3/2019 11:16:15 AM



#26
2-Nitrophenol
Concen: 44.549 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	38.8	29.5	44.3
65	51.6	48.5	72.7





#27

2,4-Dimethylphenol

Concen: 51.268 ng

RT: 10.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

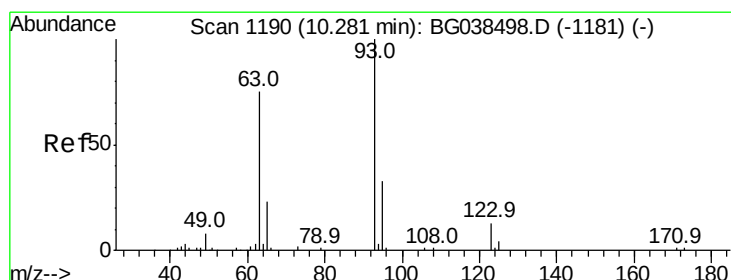
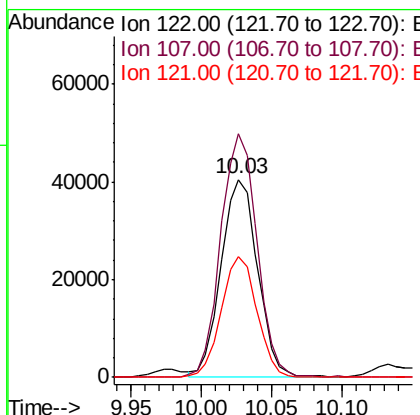
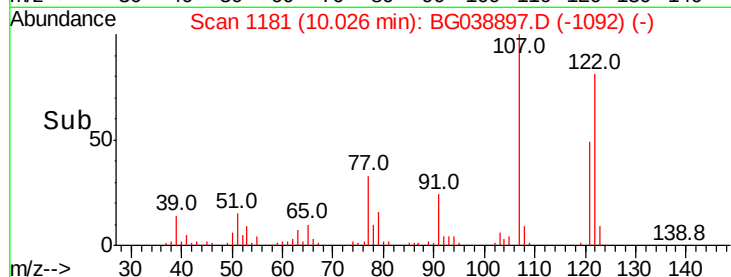
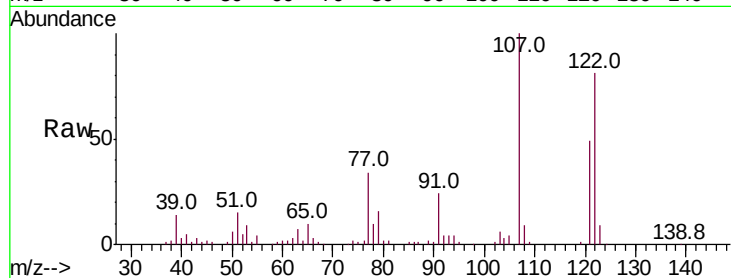
ClientSampleId :

PB116088BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.9	98.4	147.6
121	60.8	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 42.896 ng

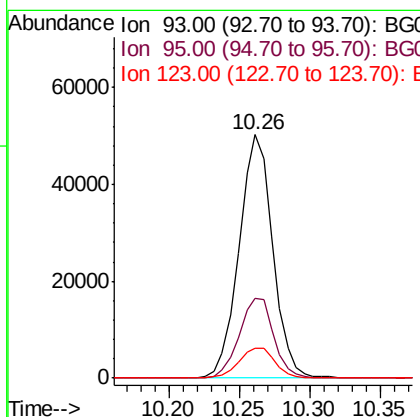
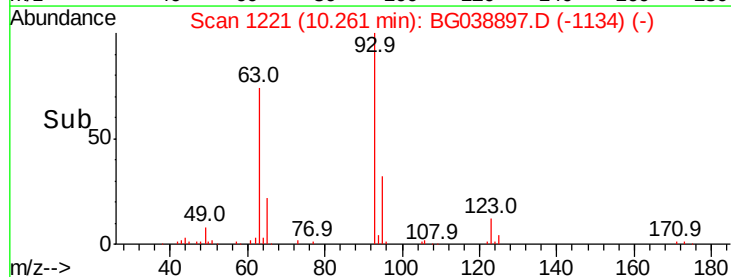
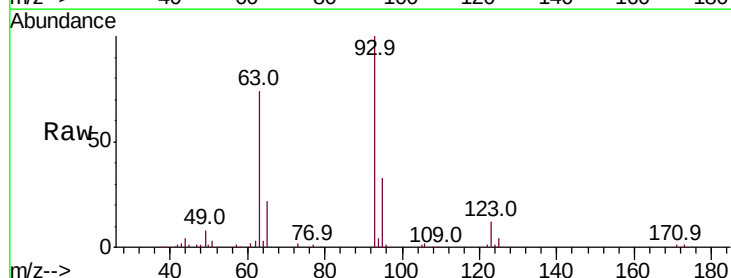
RT: 10.26 min Scan# 1221

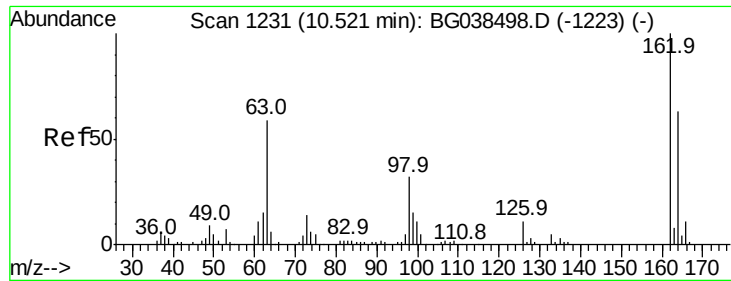
Delta R.T. -0.02 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.6	40.0
123	12.2	10.6	16.0





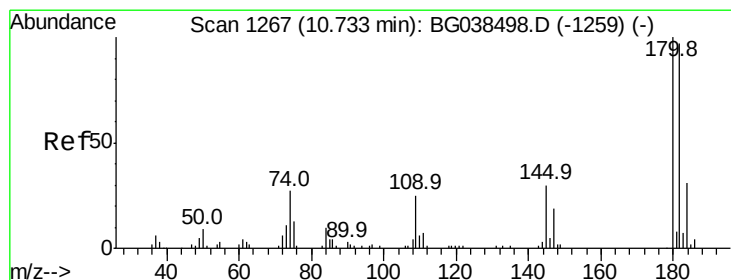
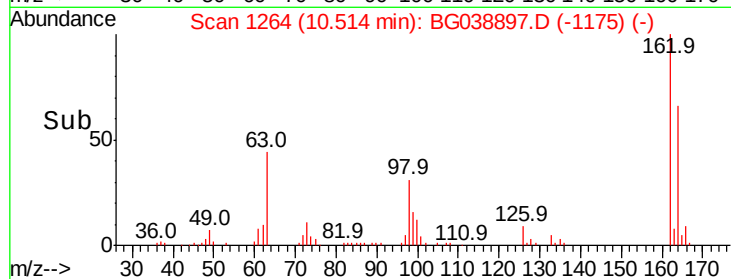
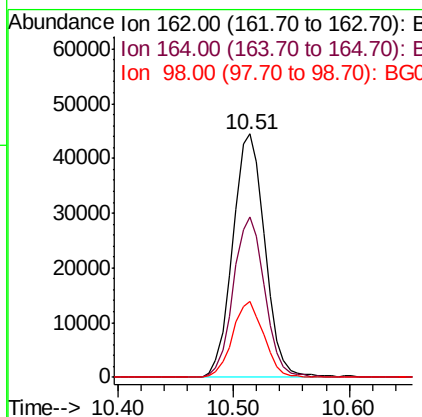
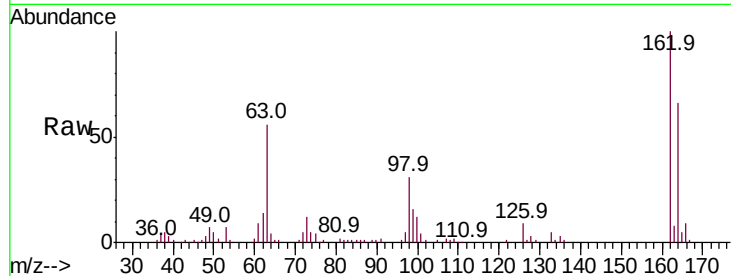
#29
 2,4-Dichlorophenol
 Concen: 53.780 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.7	42.9	82.9
98	31.2	12.1	52.1

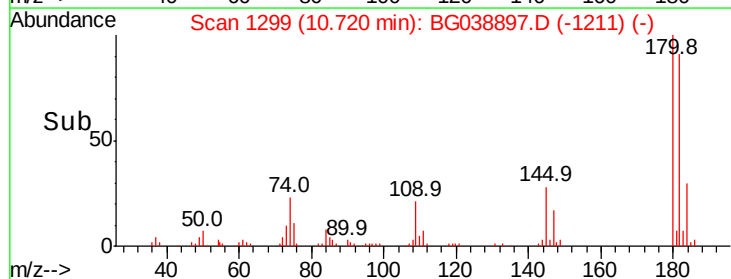
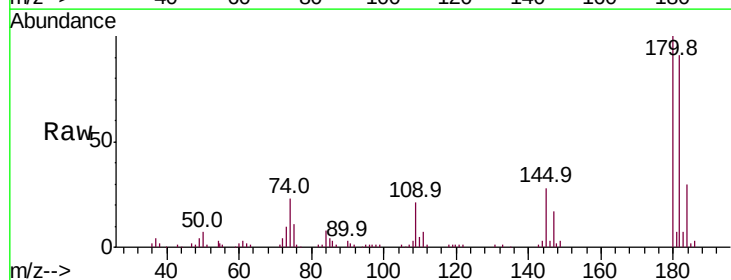
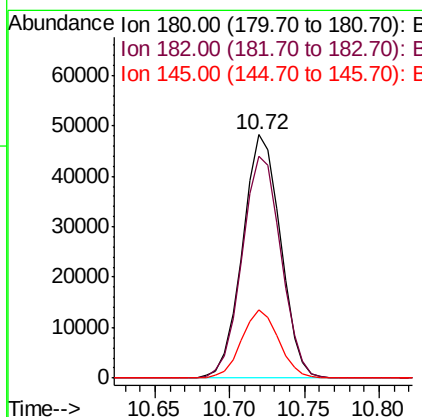
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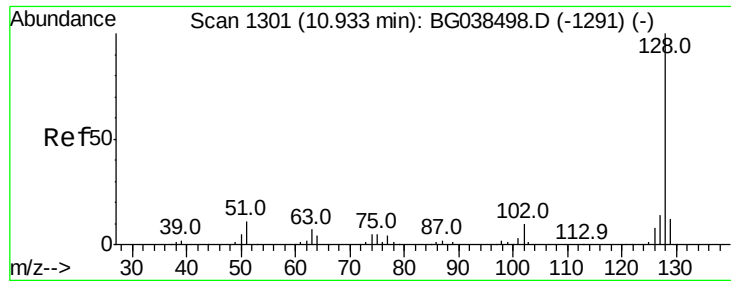
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.181 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	90.9	77.4	116.0
145	28.0	24.1	36.1





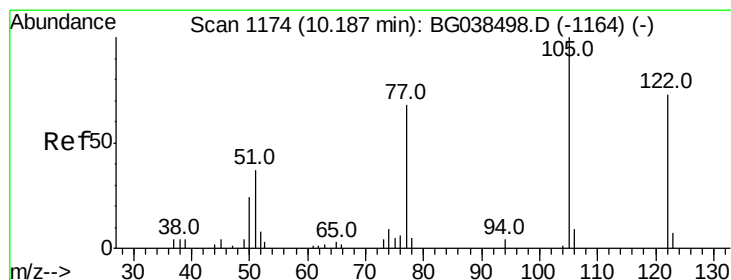
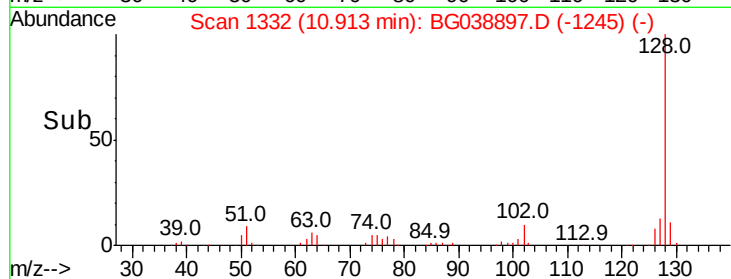
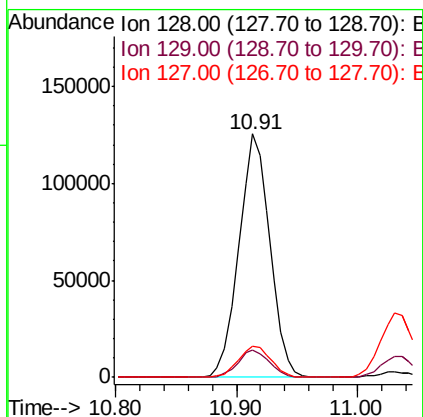
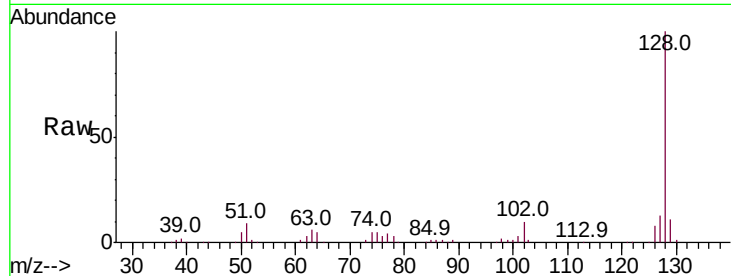
#31
Naphthalene
Concen: 46.282 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.5	14.3
127	13.0	10.9	16.3

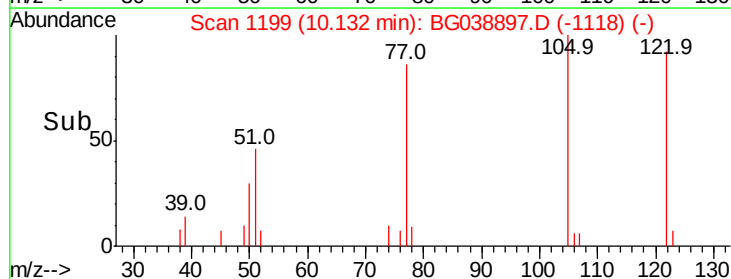
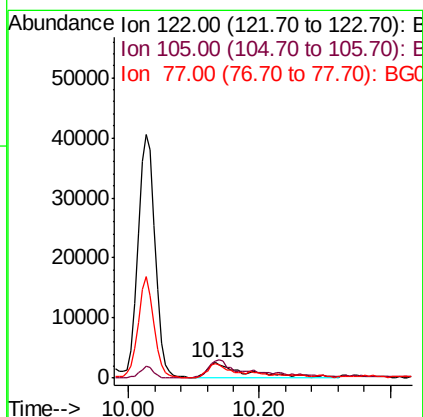
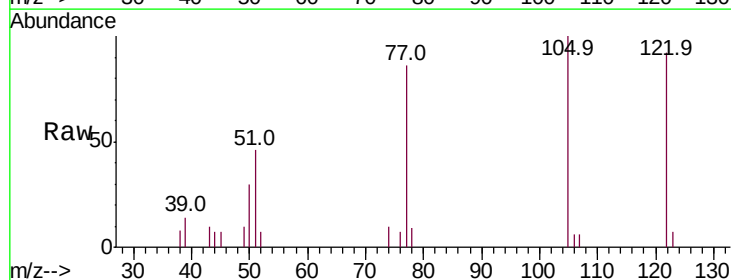
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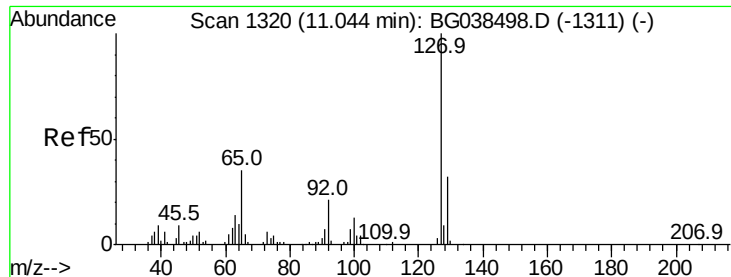
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#32
Benzoic acid
Concen: 19.901 ng m
RT: 10.13 min Scan# 1199
Delta R.T. -0.05 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	108.8	116.7	156.7#
77	93.9	72.5	112.5





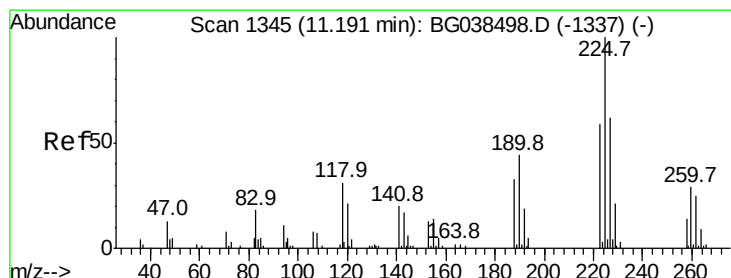
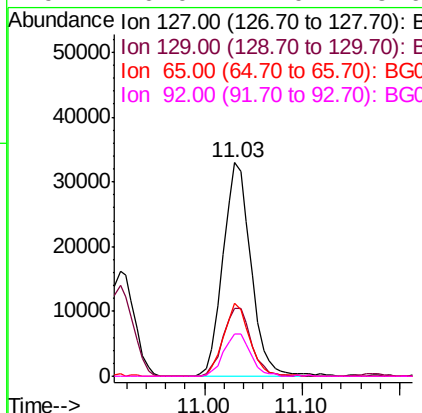
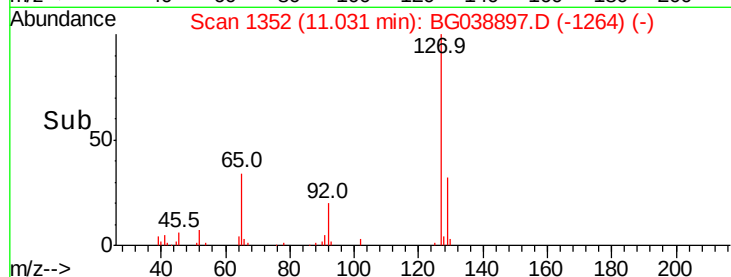
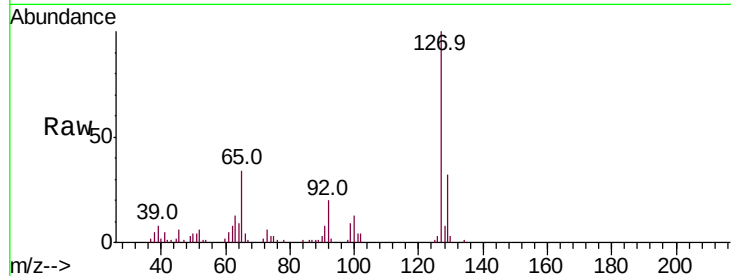
#33
4-Chloroaniline
Concen: 31.175 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.8
65	34.4	27.8	41.6
92	20.0	17.0	25.6

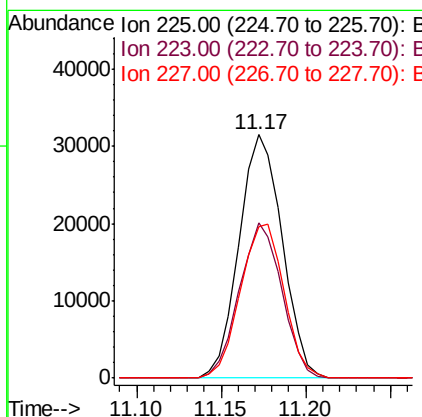
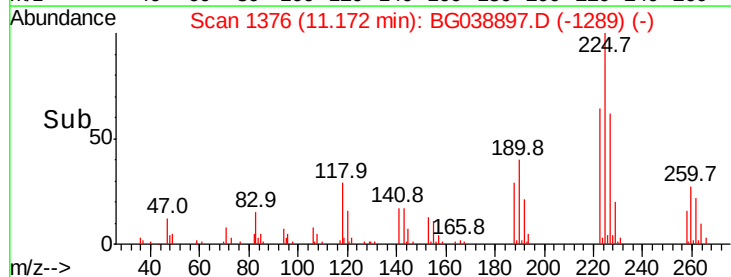
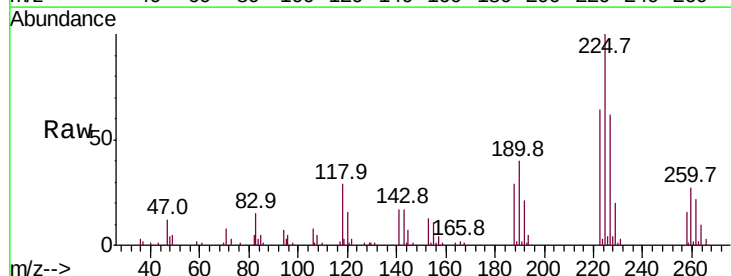
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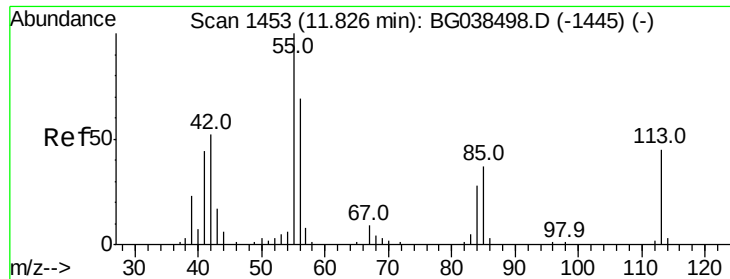
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#34
Hexachlorobutadiene
Concen: 43.065 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	45.0	67.6
227	65.7	50.6	75.8





#35

Caprolactam

Concen: 44.542 ng

RT: 11.82 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB116088BS

Tot Ion:113 Resp: 29316

Ion Ratio Lower Upper

113 100

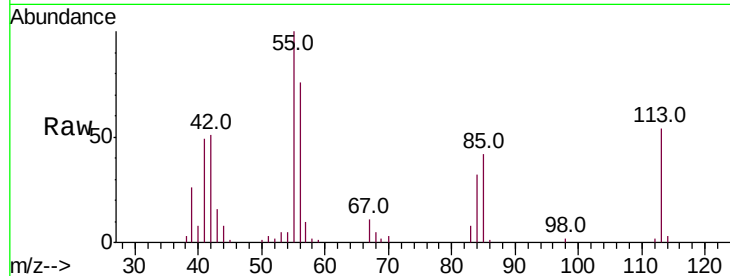
55 185.2 204.3 244.3#

56 140.7 135.0 175.0

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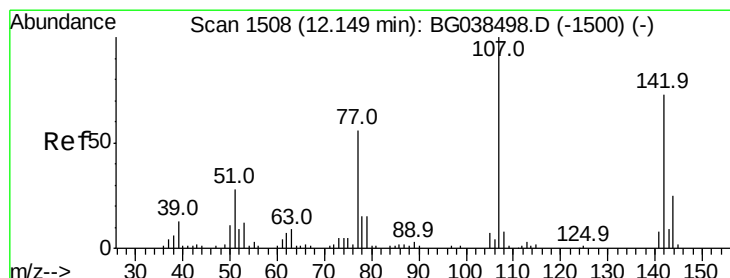
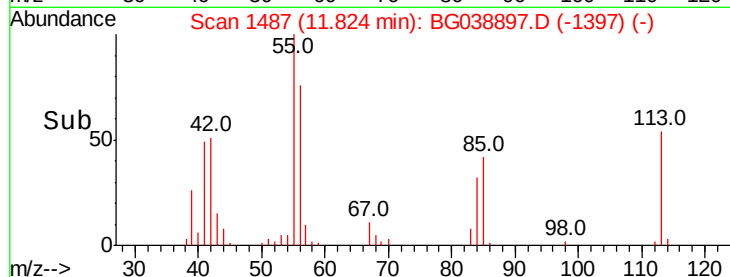
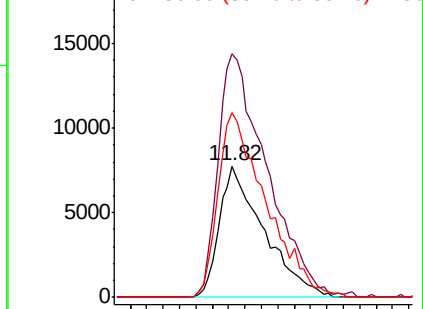
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 48.757 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

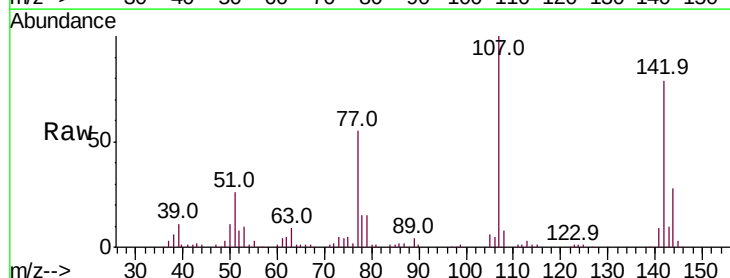
Tgt Ion:107 Resp: 88489

Ion Ratio Lower Upper

107 100

144 27.5 20.1 30.1

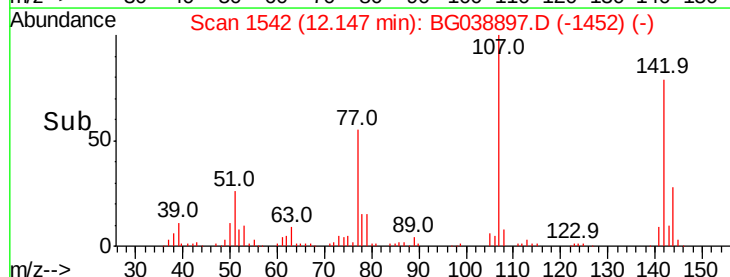
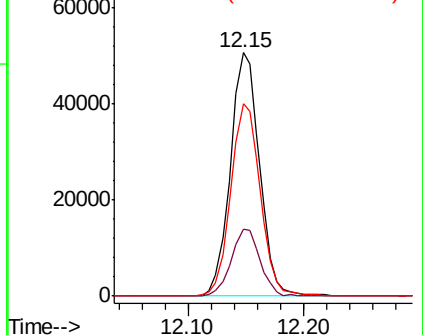
142 78.9 58.7 88.1

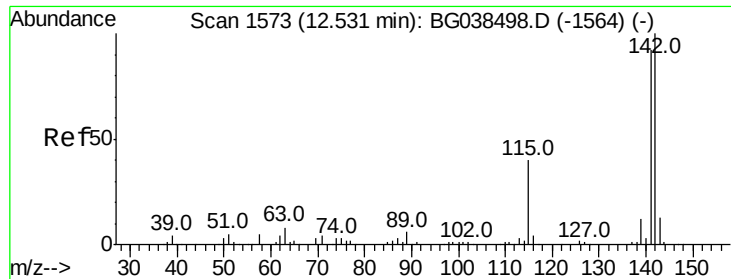


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





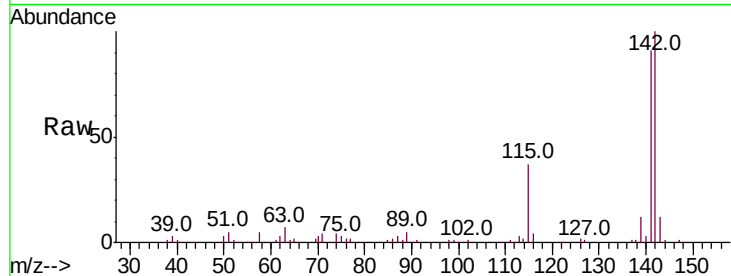
#37
2-Methylnaphthalene
Concen: 49.960 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.5	110.3
115	37.2	31.7	47.5

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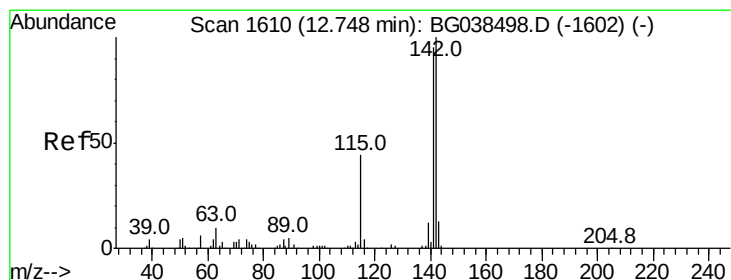
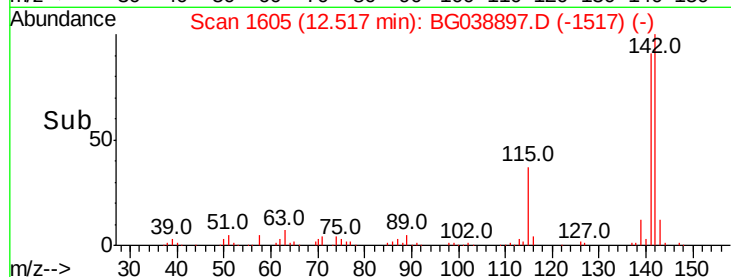
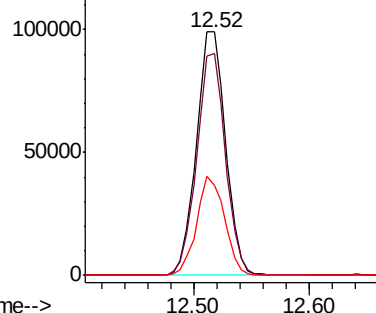


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 48.714 ng
RT: 12.73 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

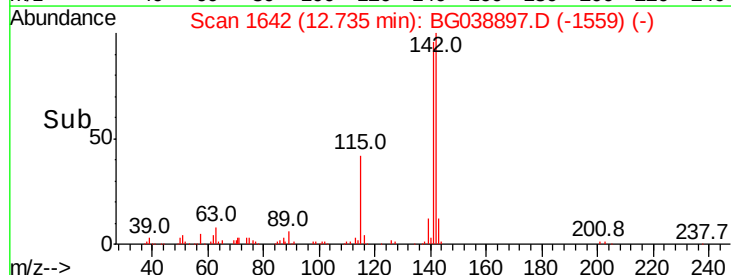
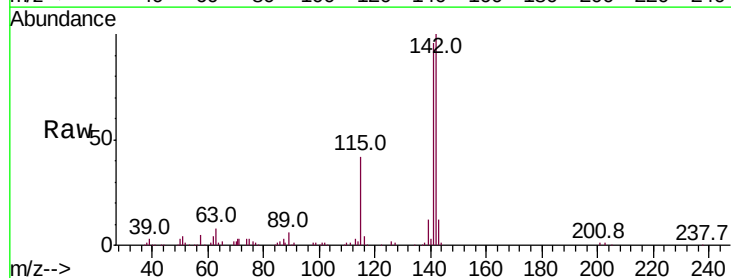
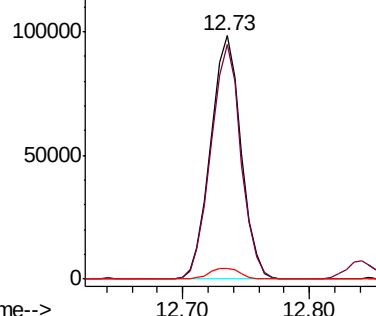
Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.5	75.8	113.8
116	4.1	3.6	5.4

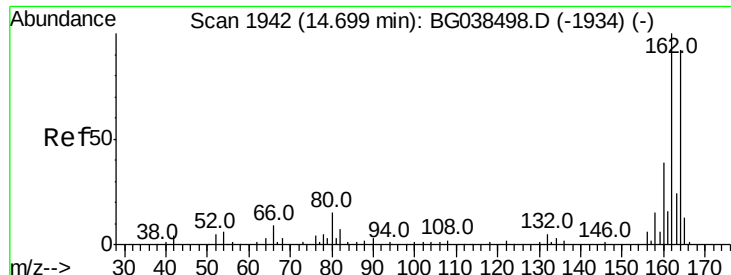
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





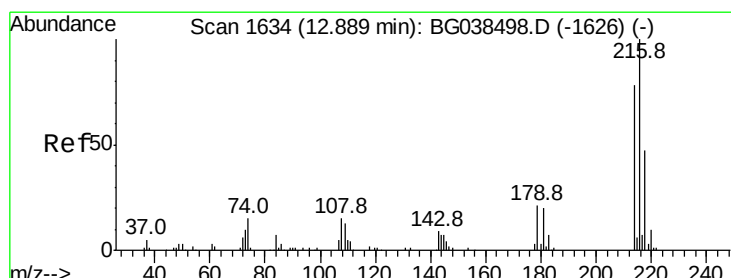
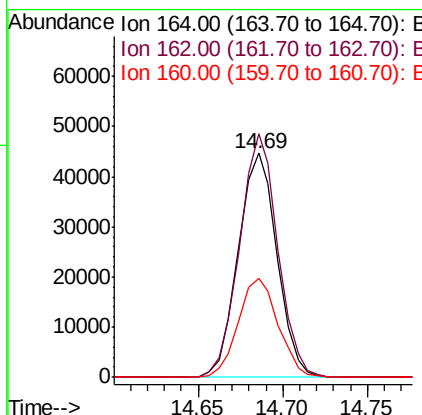
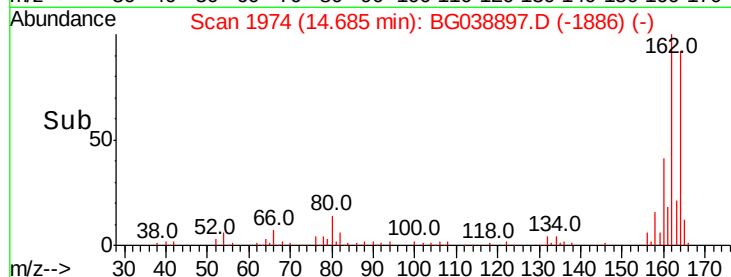
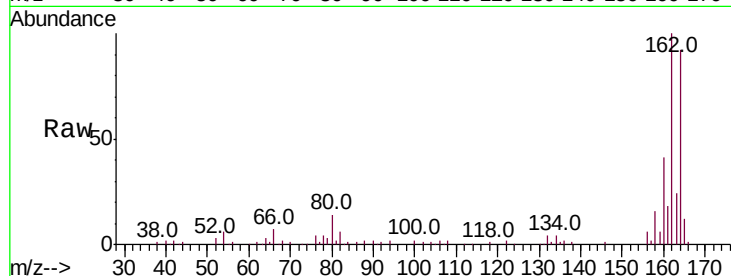
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	108.6	86.6	130.0
160	44.4	34.2	51.2

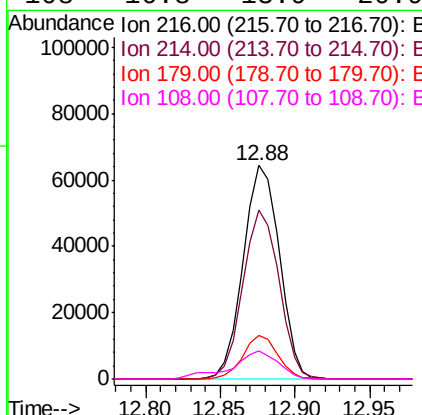
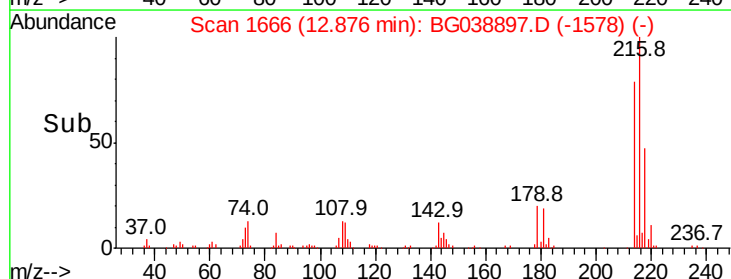
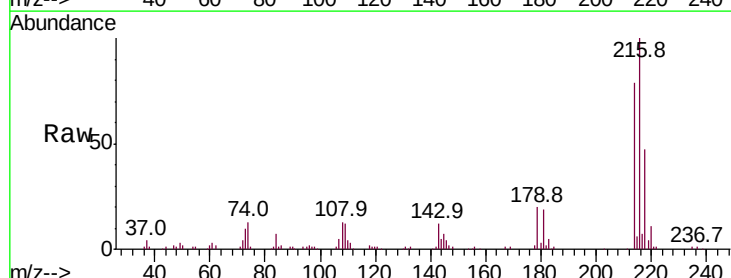
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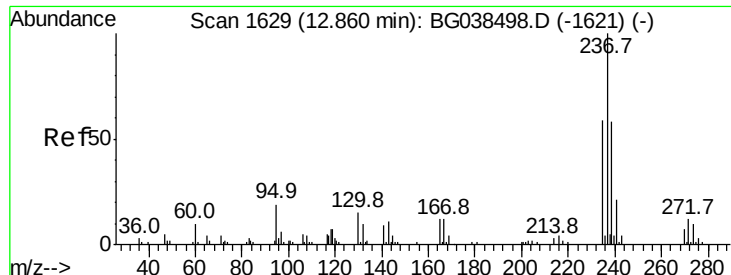
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.694 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	64.1	96.1
179	19.7	16.4	24.6
108	16.8	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 86.307 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

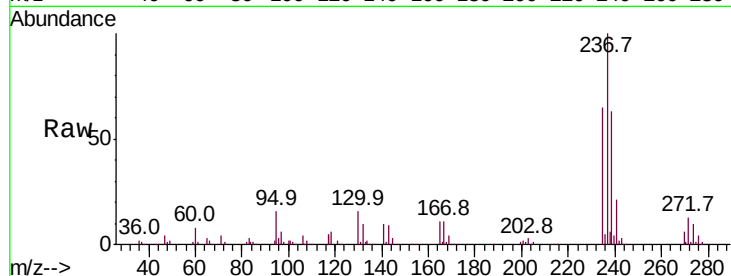
ClientSampleId :

PB116088BS

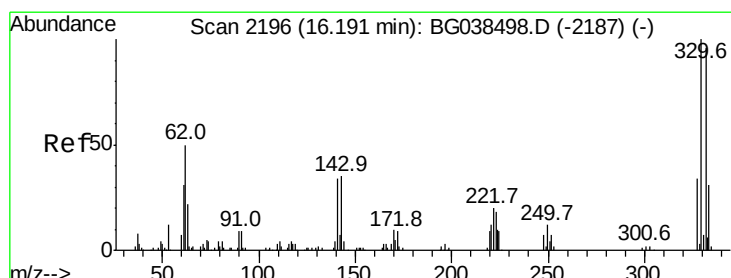
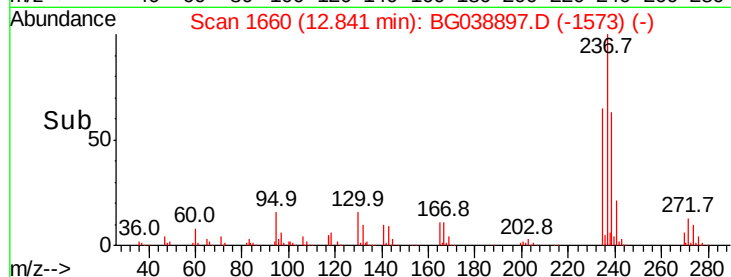
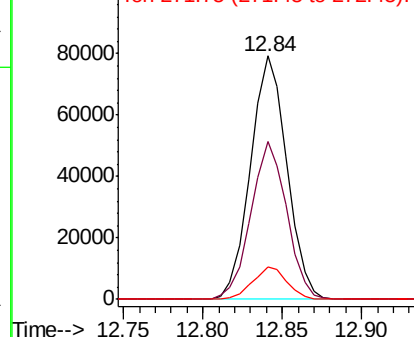
Tot Ion:	237	Resp:	126196
Ion Ratio	Lower	Upper	
237	100		
235	64.7	38.8	78.8
272	13.1	0.0	32.0

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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: 145.645 ng

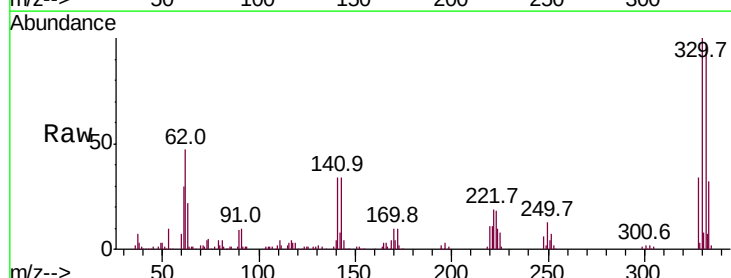
RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

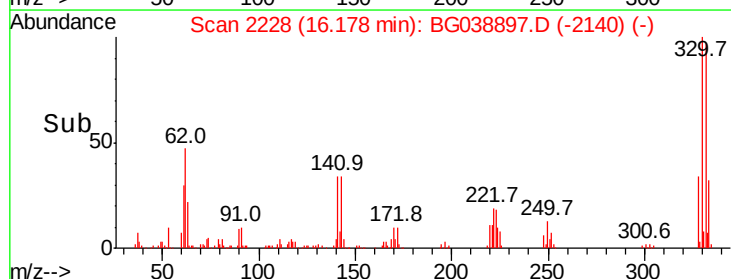
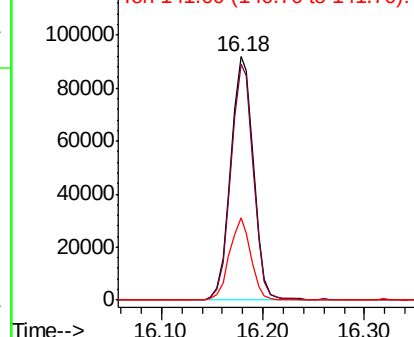
Lab File: BG038897.D

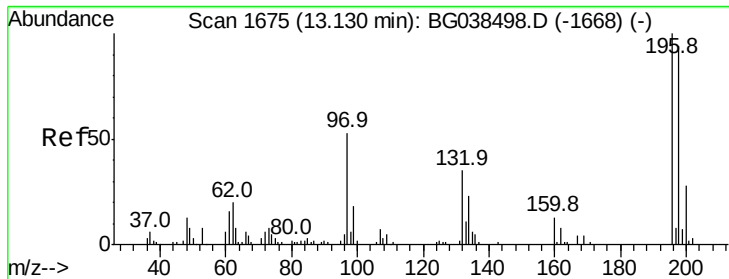
Acq: 2 Jan 2019 18:17

Tgt Ion:	330	Resp:	142916
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.9	115.3
141	31.8	28.8	43.2



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





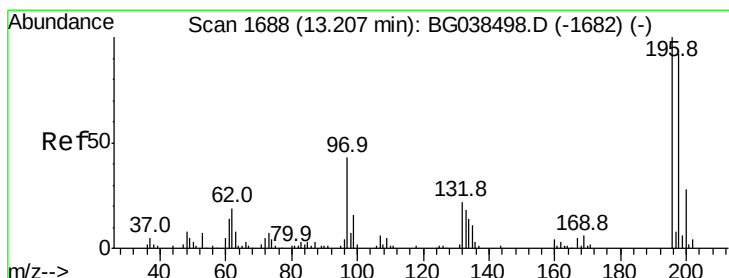
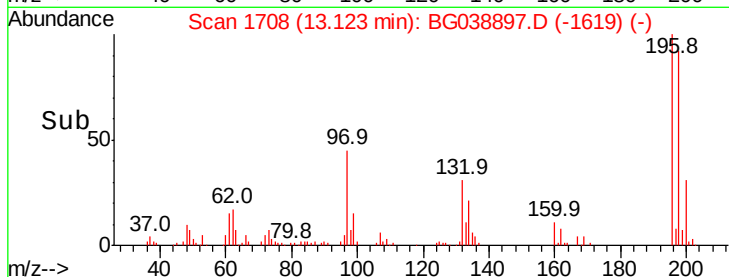
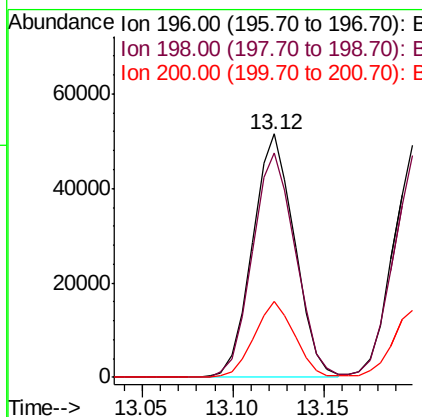
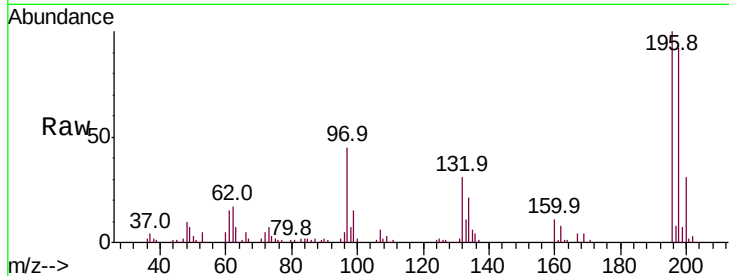
#43
 2,4,6-Trichlorophenol
 Concen: 50.620 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	82836		
198	92.2	75.0	112.4	
200	31.1	22.4	33.6	

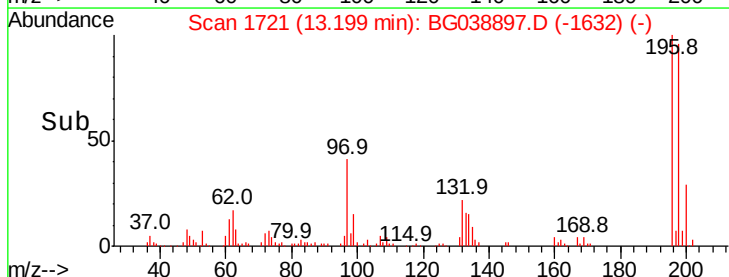
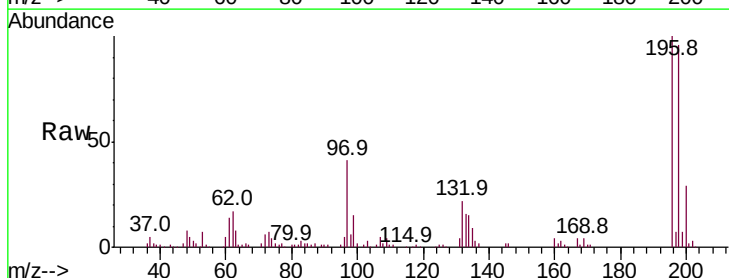
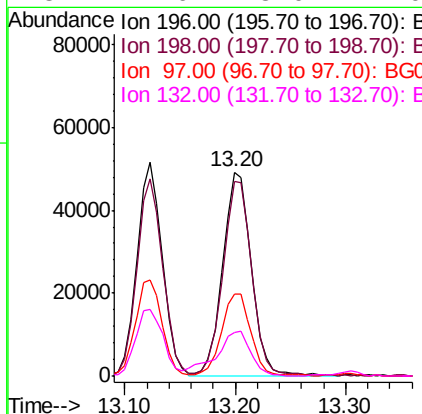
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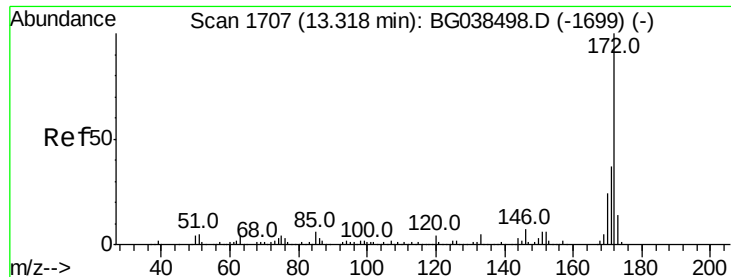
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#44
 2,4,5-Trichlorophenol
 Concen: 51.721 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	89612		
198	95.6	74.0	111.0	
97	40.5	35.1	52.7	
132	21.6	18.0	27.0	





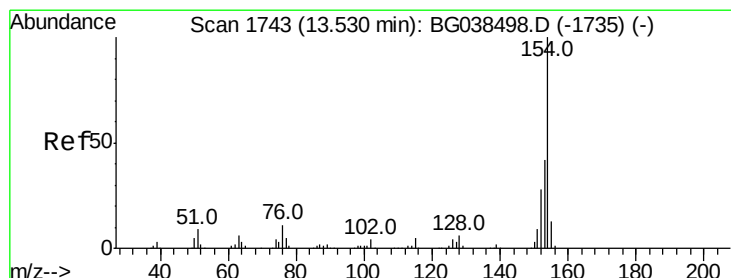
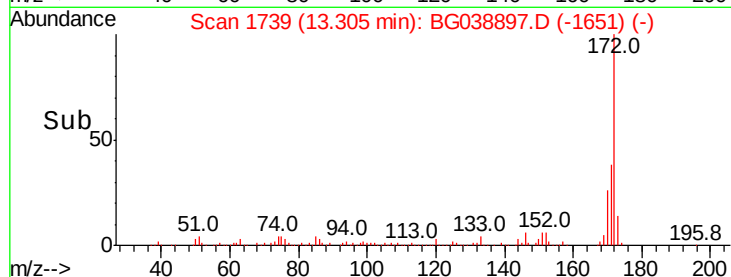
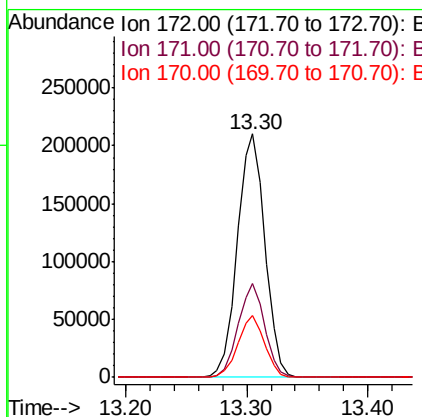
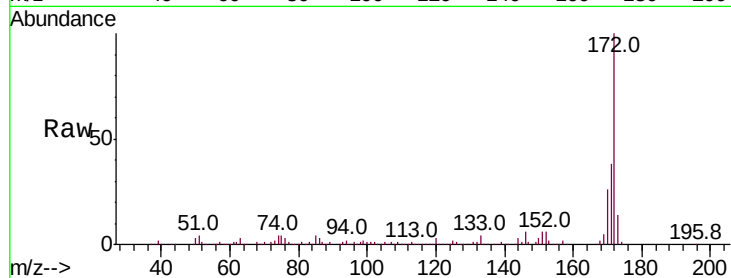
#45
2-Fluorobiphenyl
Concen: 64.286 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampled :
PB116088BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.8	44.6
170	25.5	19.5	29.3

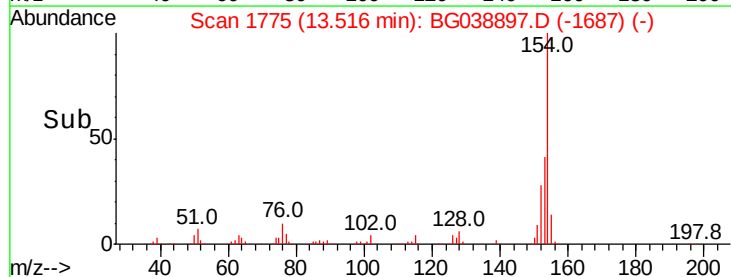
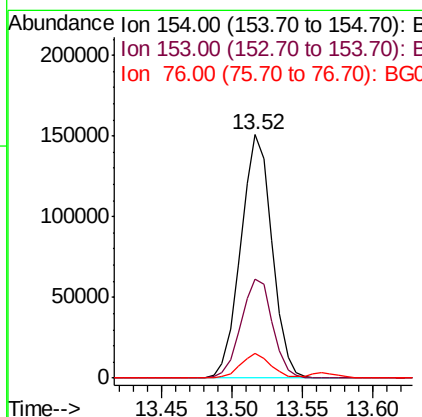
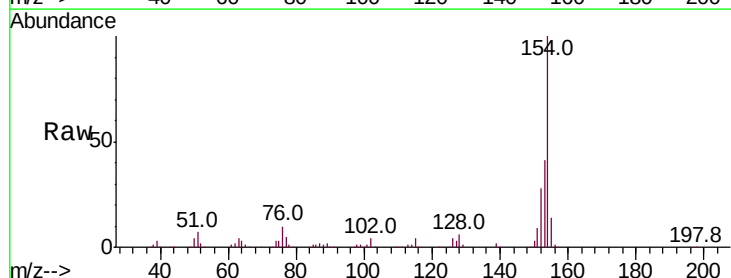
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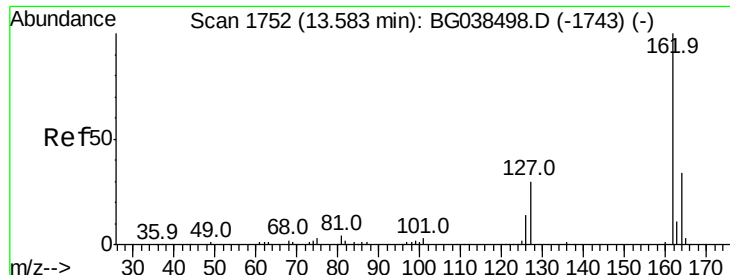
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#46
1,1'-Biphenyl
Concen: 39.076 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	22.1	62.1
76	10.0	0.0	31.2





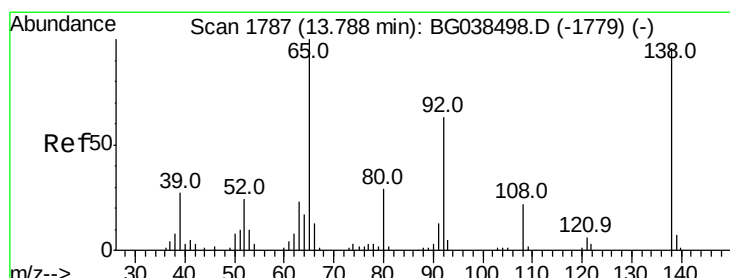
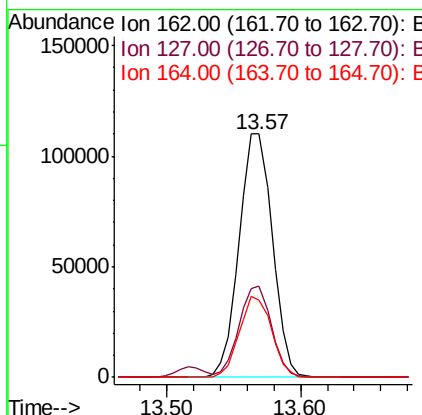
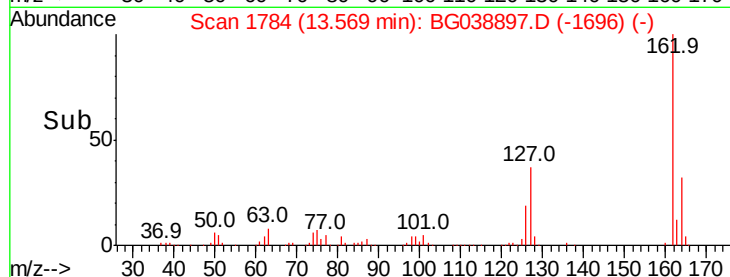
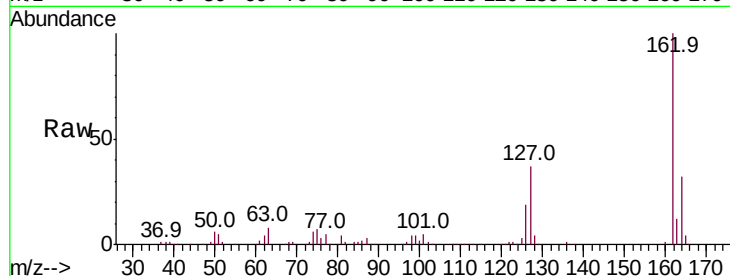
#47
 2-Chloronaphthalene
 Concen: 41.225 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

Tot Ion:	162	Resp:	190071
Ion Ratio		Lower	Upper
162	100		
127	37.5	27.8	41.8
164	31.7	26.9	40.3

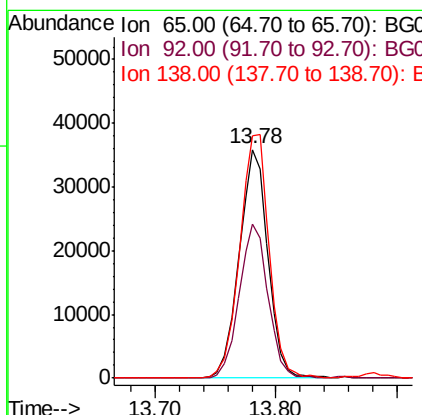
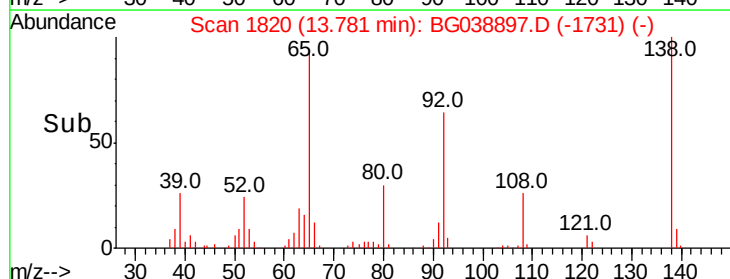
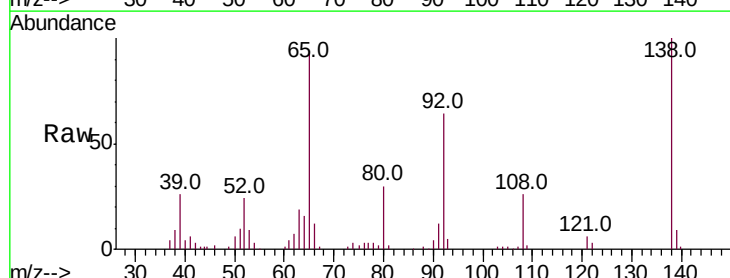
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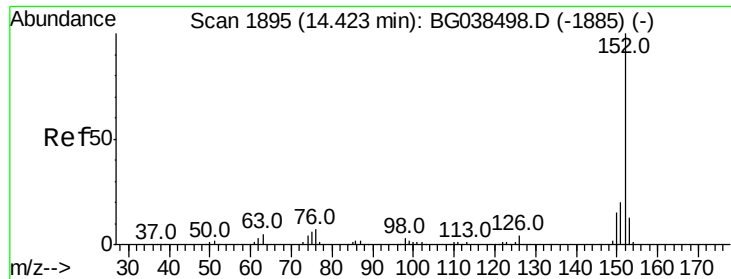
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#48
 2-Nitroaniline
 Concen: 40.368 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Tgt Ion:	65	Resp:	59284
Ion Ratio		Lower	Upper
65	100		
92	67.6	50.0	75.0
138	106.0	76.9	115.3





#49

Acenaphthylene

Concen: 45.425 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

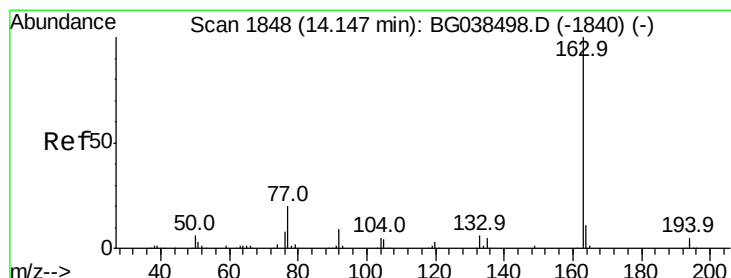
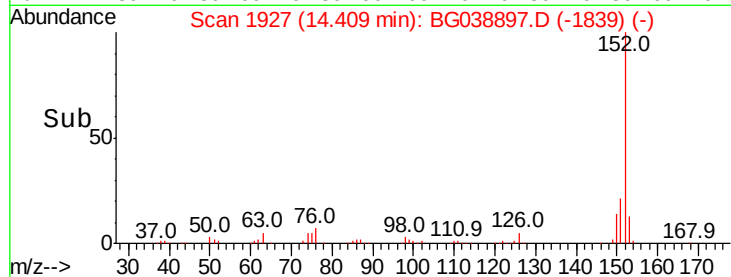
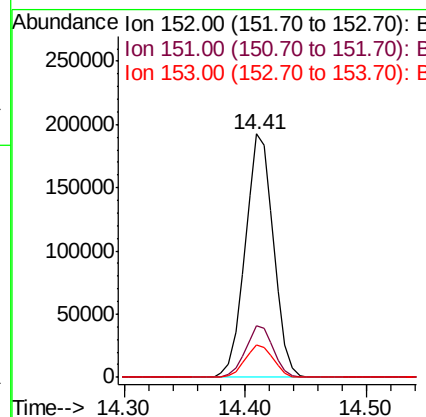
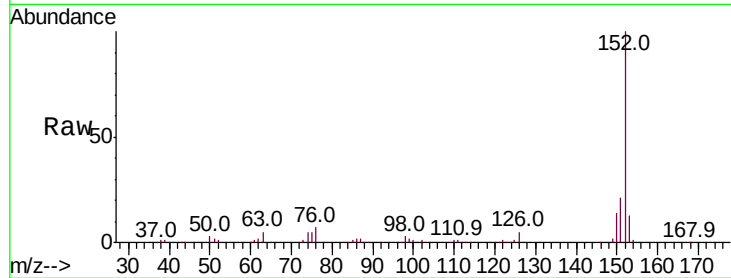
ClientSampled :

PB116088BS

Tot Ion:	152	Resp:	313102
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.4	24.6
153	13.4	10.4	15.6

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#50

Dimethylphthalate

Concen: 43.943 ng

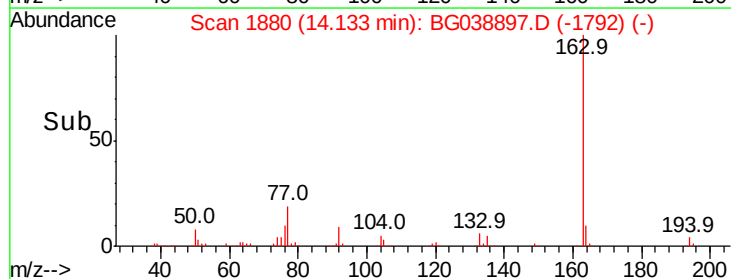
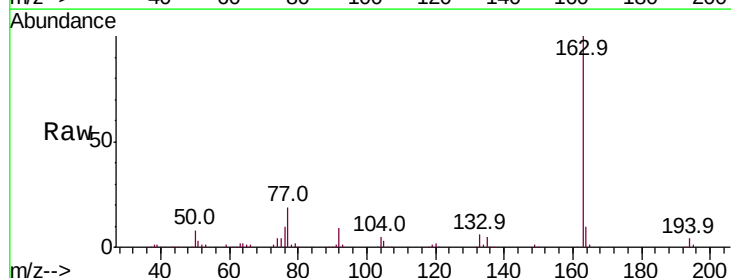
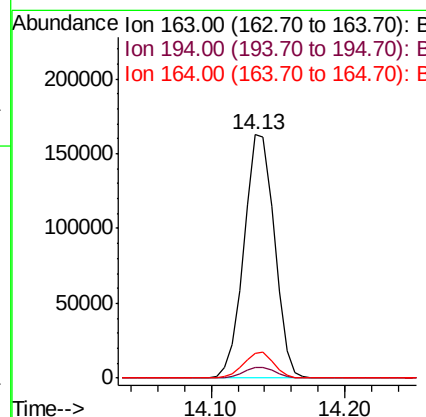
RT: 14.13 min Scan# 1880

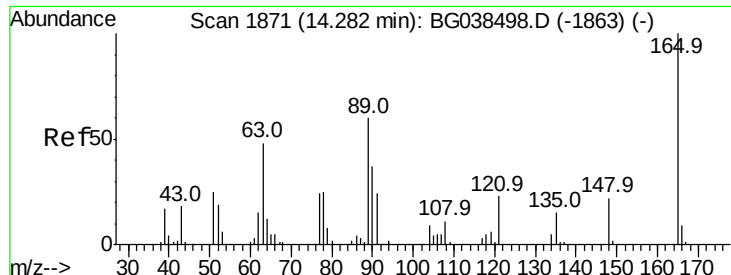
Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Tgt Ion:	163	Resp:	255504
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.7	5.5
164	10.4	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 43.816 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

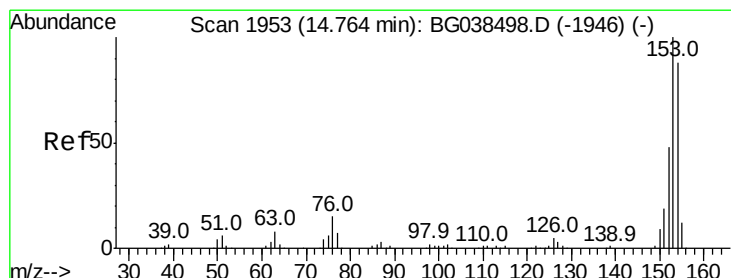
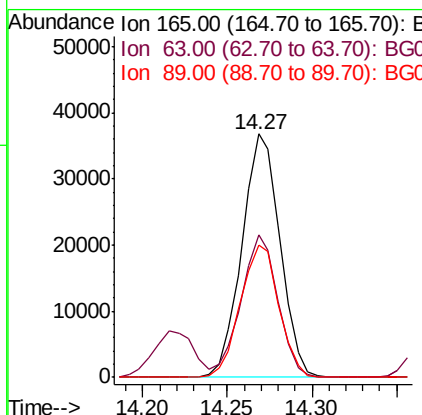
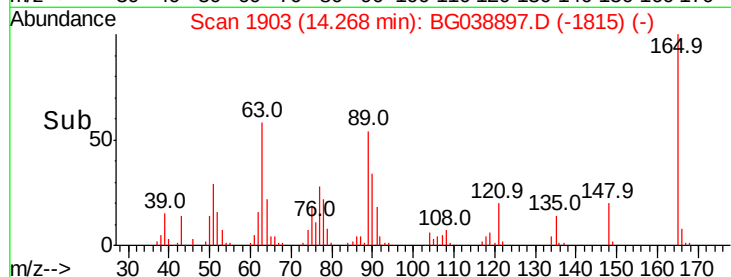
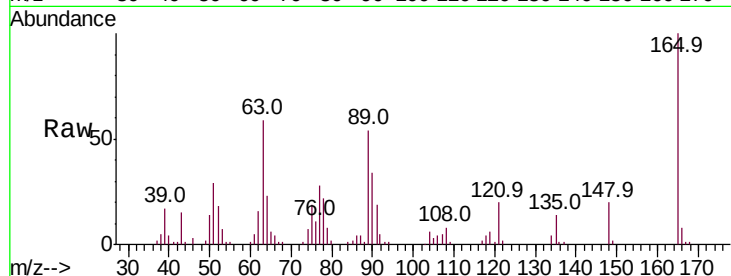
ClientSampled :

PB116088BS

Tot Ion:	165	Resp:	57734
Ion Ratio	Lower	Upper	
165	100		
63	58.7	51.8	77.6
89	54.5	47.9	71.9

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#52

Acenaphthene

Concen: 43.015 ng

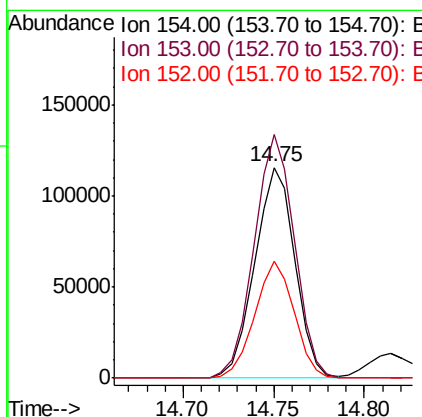
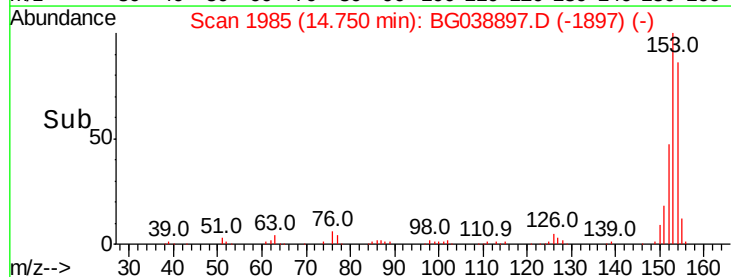
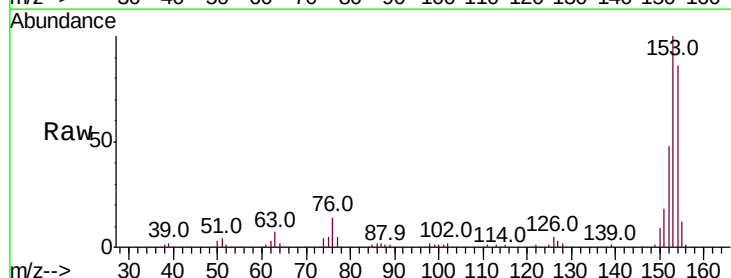
RT: 14.75 min Scan# 1985

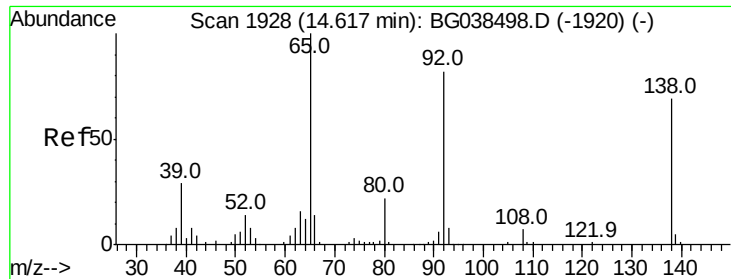
Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Tgt Ion:	154	Resp:	177289
Ion Ratio	Lower	Upper	
154	100		
153	115.7	90.6	136.0
152	55.3	43.5	65.3





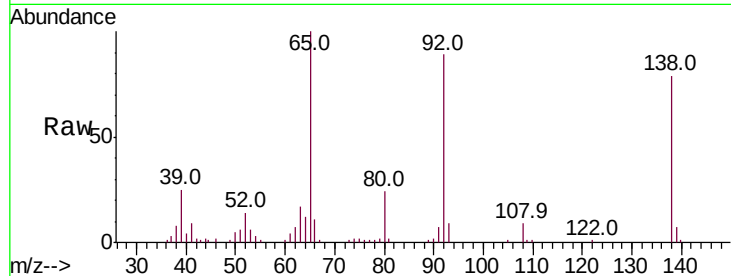
#53
3-Nitroaniline
Concen: 32.214 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	7.9	11.9
92	112.3	95.3	142.9

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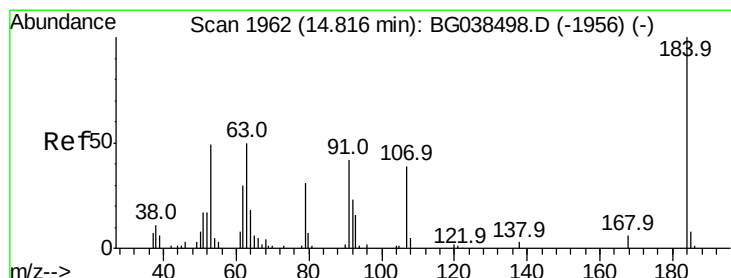
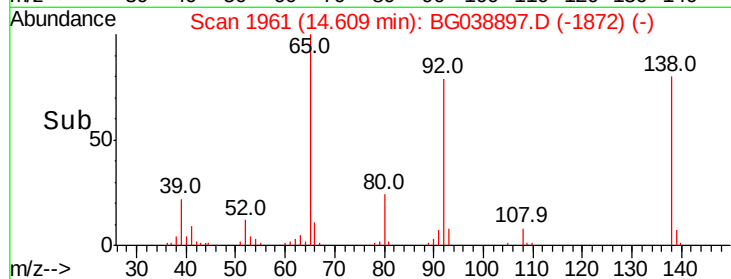
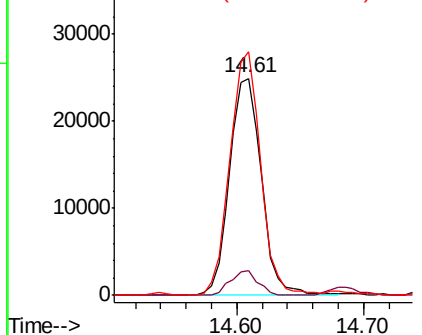


Abundance

Ion 138.00 (137.70 to 138.70): E

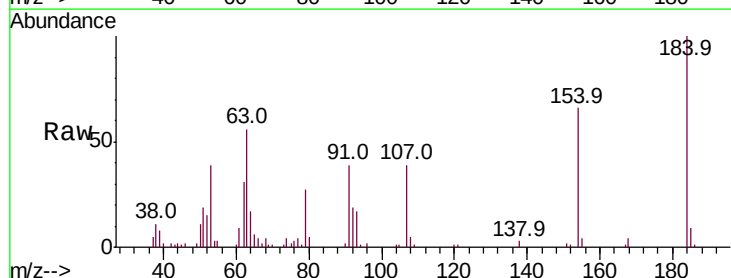
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 53.175 ng
RT: 14.81 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.4	47.0	70.6
154	66.4	50.3	75.5

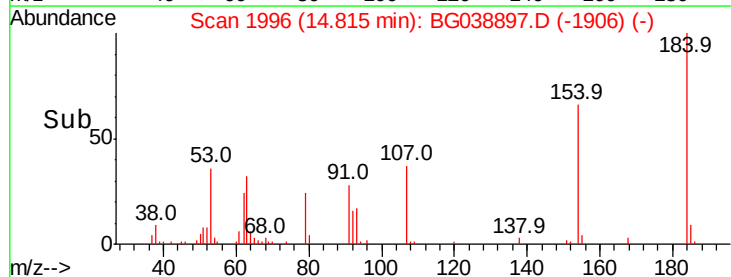
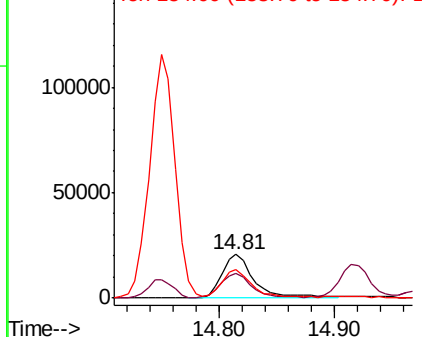


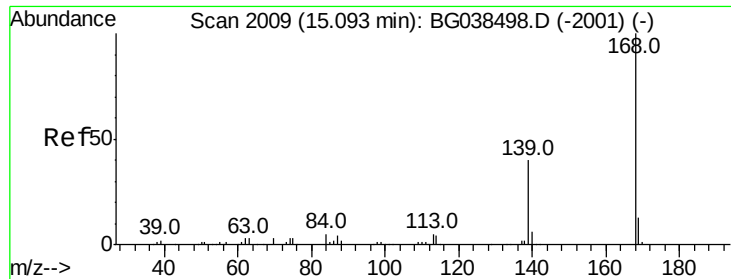
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





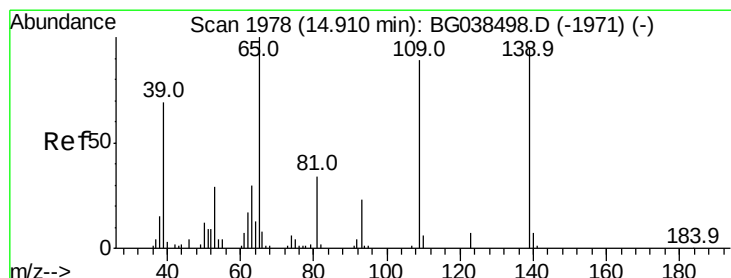
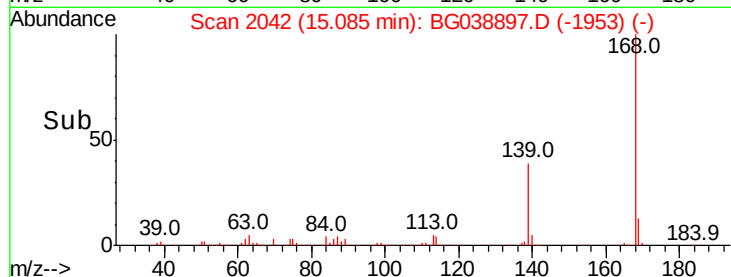
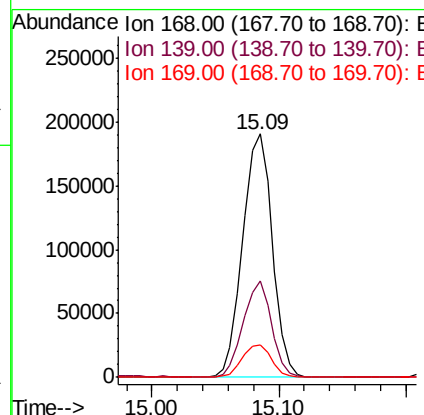
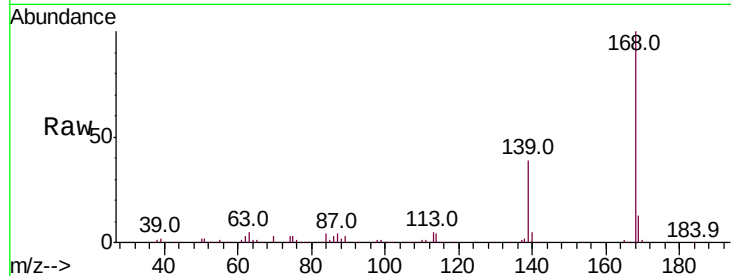
#55
Dibenzofuran
Concen: 43.682 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	32.2	48.2
169	13.4	10.6	16.0

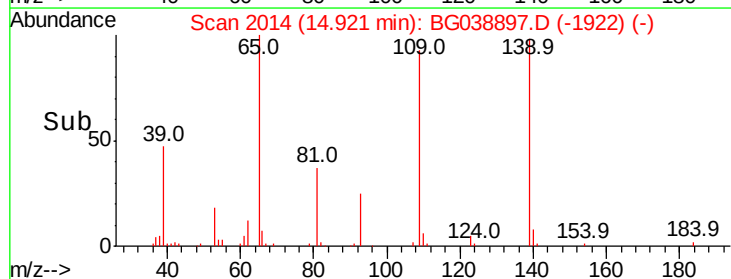
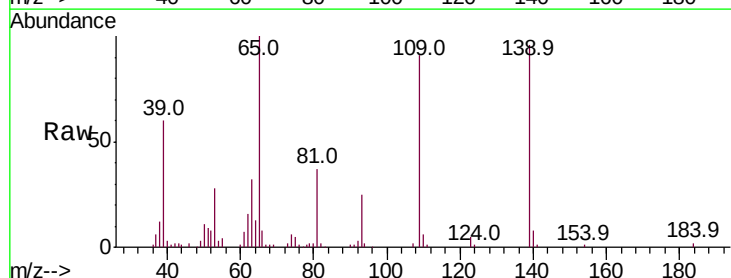
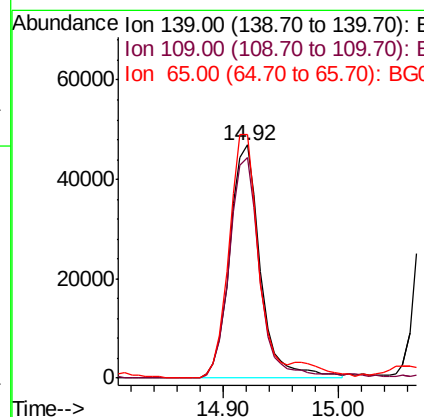
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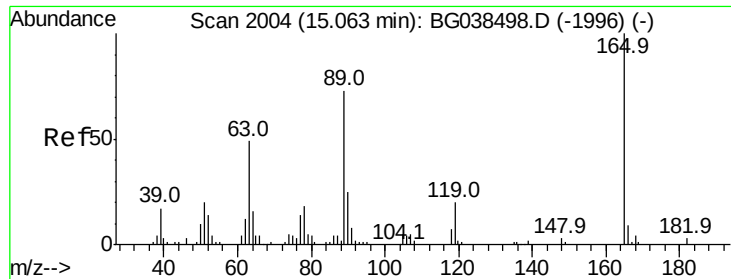
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#56
4-Nitrophenol
Concen: 84.743 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.9	73.6	113.6
65	104.3	84.8	124.8





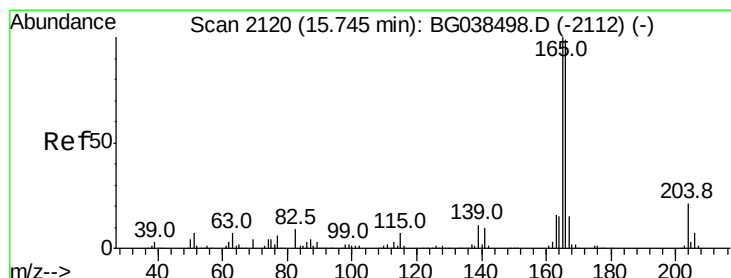
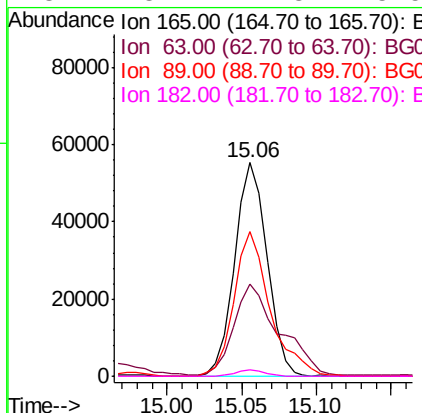
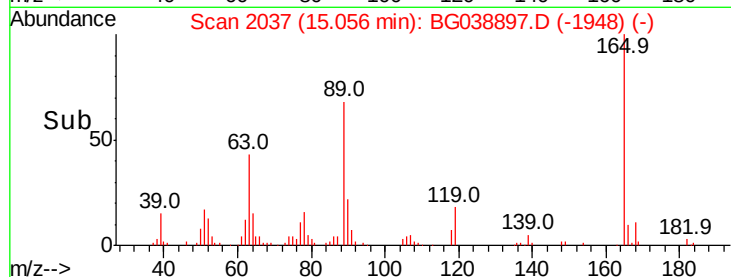
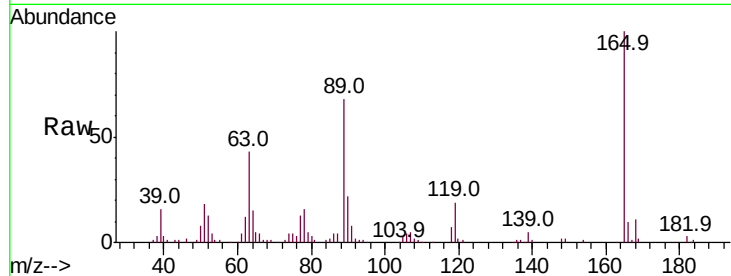
#57
2,4-Dinitrotoluene
Concen: 44.976 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.4	39.0	58.4
89	67.8	58.0	87.0
182	3.2	2.3	3.5

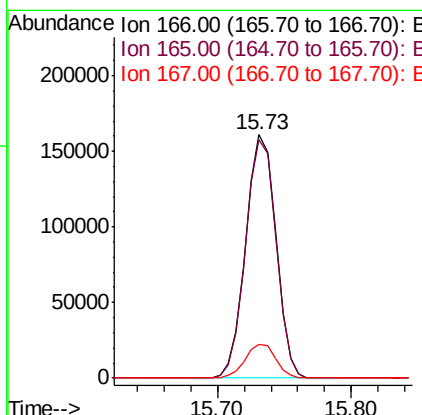
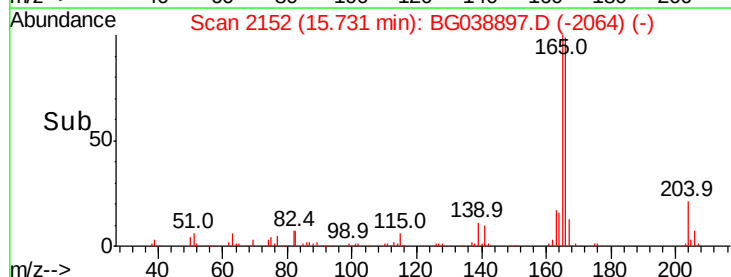
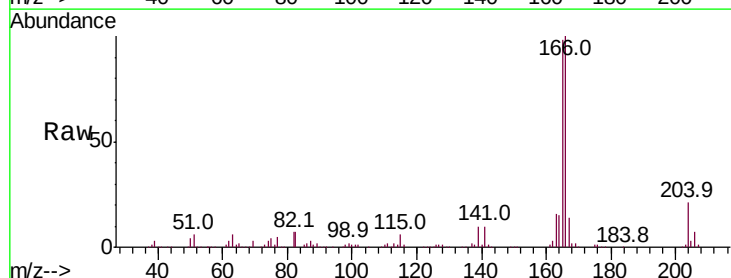
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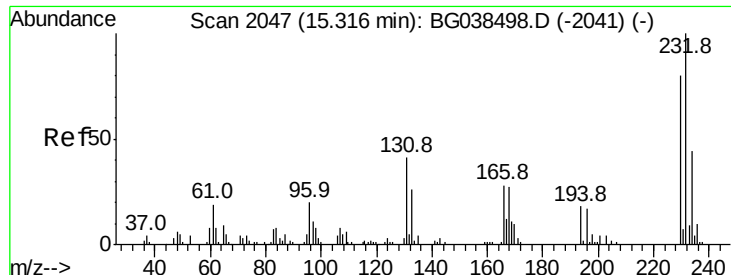
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#58
Fluorene
Concen: 48.049 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	80.6	120.8
167	13.9	12.0	18.0





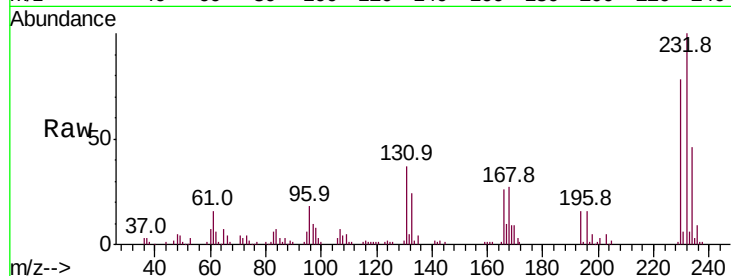
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.413 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

Tot Ion:	232	Resp:	84818
Ion Ratio	Lower	Upper	
232	100		
131	38.4	33.0	49.4
130	2.3	2.0	3.0
166	27.1	23.1	34.7

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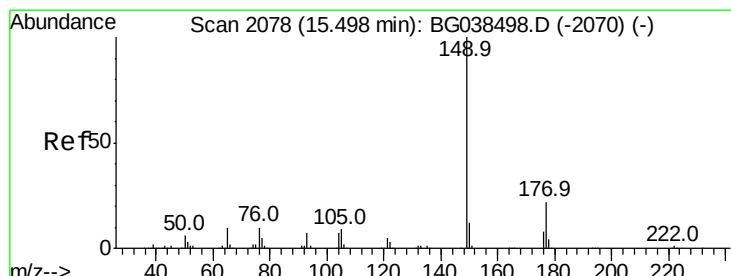
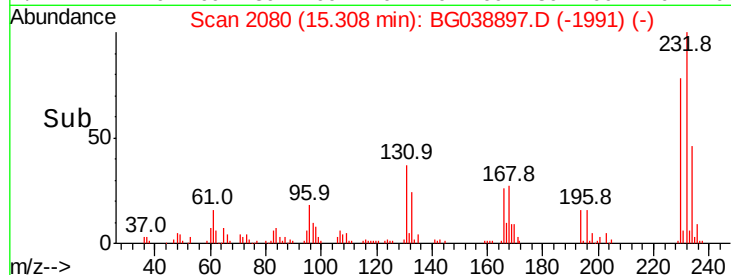
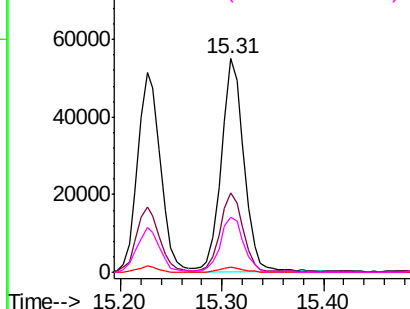
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.034 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

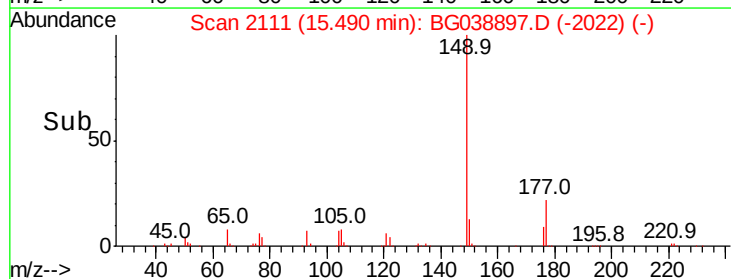
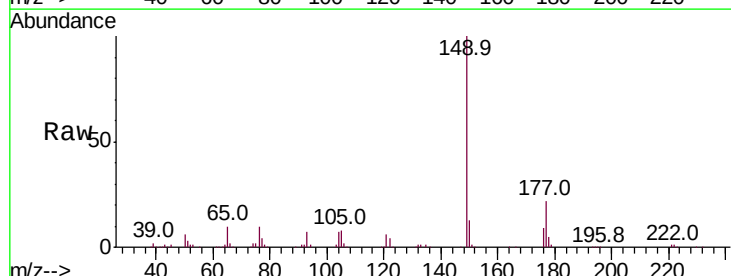
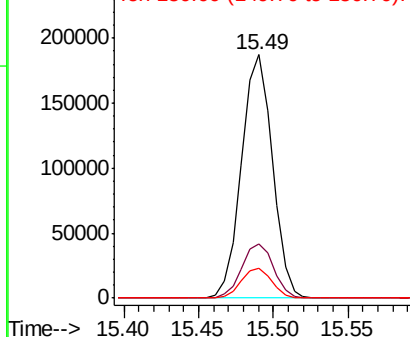
Tgt Ion:	149	Resp:	268305
Ion Ratio	Lower	Upper	
149	100		
177	22.1	17.7	26.5
150	12.5	9.9	14.9

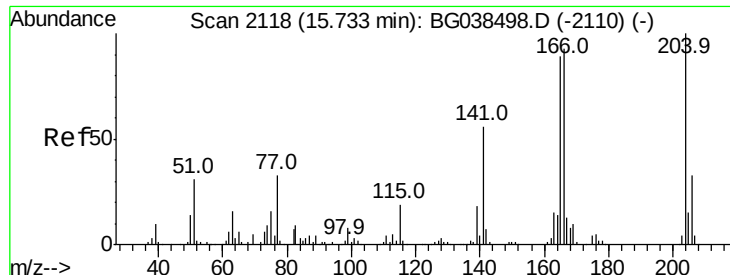
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





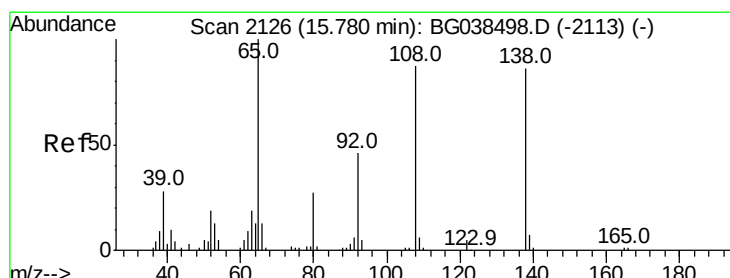
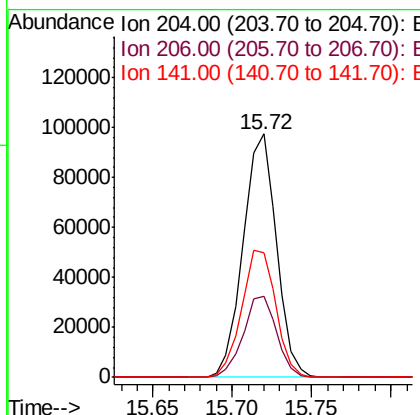
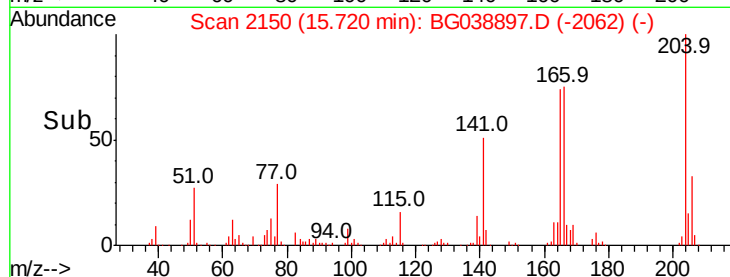
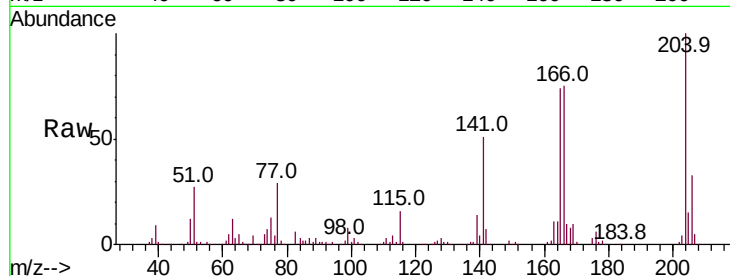
#61
 4-Chlorophenyl-phenylether
 Concen: 43.456 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

Tot Ion:	204	Resp:	141923
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.0	39.0
141	51.2	44.4	66.6

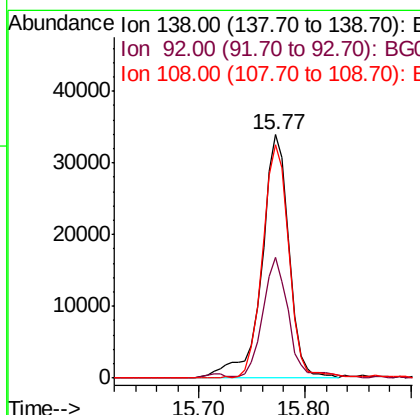
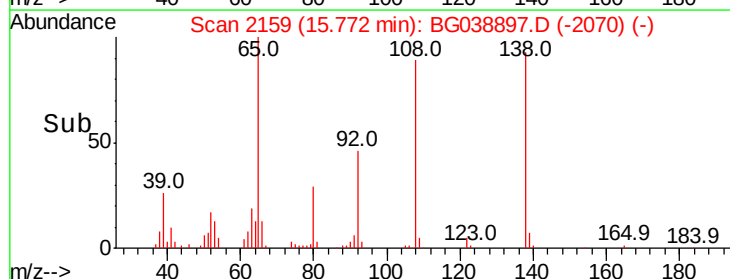
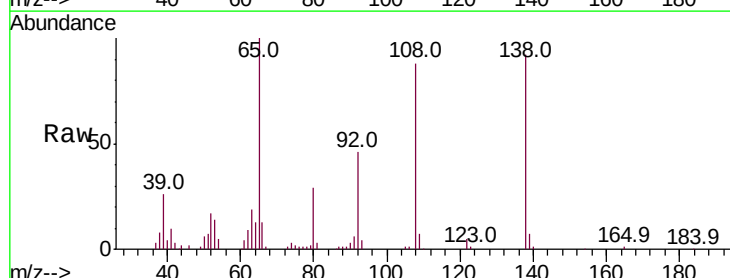
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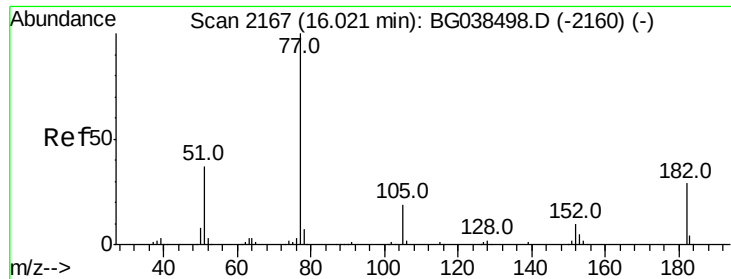
Sohil
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#62
 4-Nitroaniline
 Concen: 43.901 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Tgt Ion:	138	Resp:	60707
Ion Ratio	Lower	Upper	
138	100		
92	49.7	33.3	73.3
108	95.7	81.4	121.4





#63

Azobenzene

Concen: 39.767 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

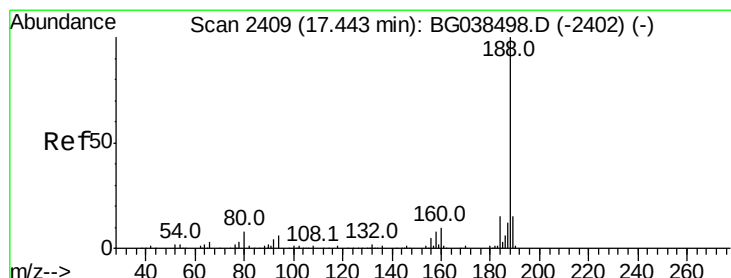
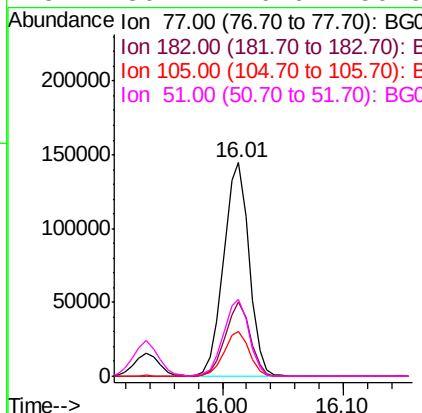
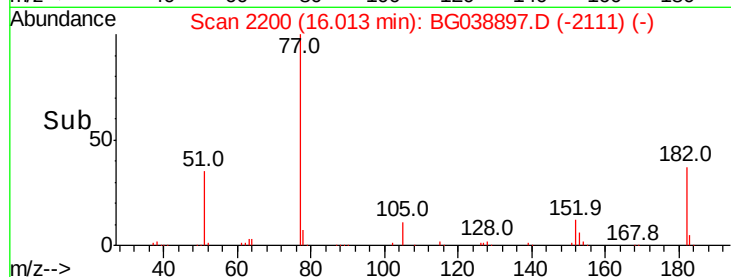
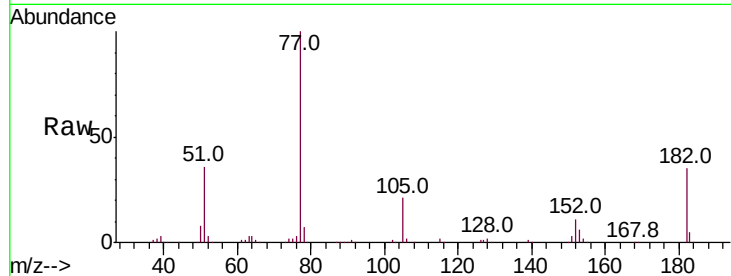
ClientSampleId :

PB116088BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	34.6	8.7	48.7	
105	21.1	0.0	38.7	
51	36.1	16.6	56.6	

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#64

Phenanthrene-d10

Concen: 20.000 ng

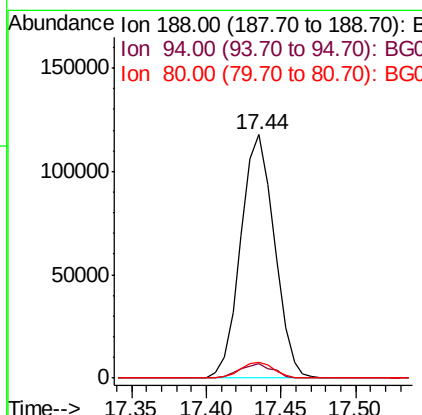
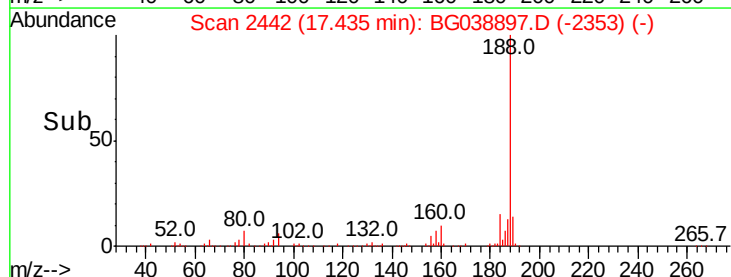
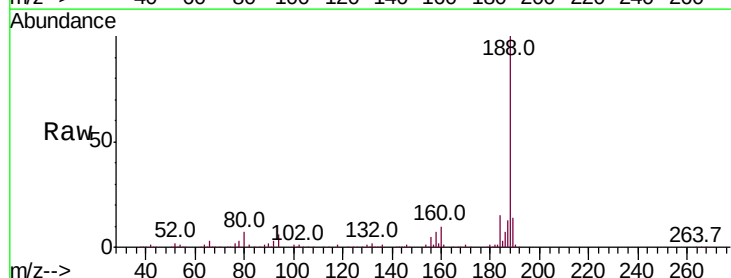
RT: 17.44 min Scan# 2442

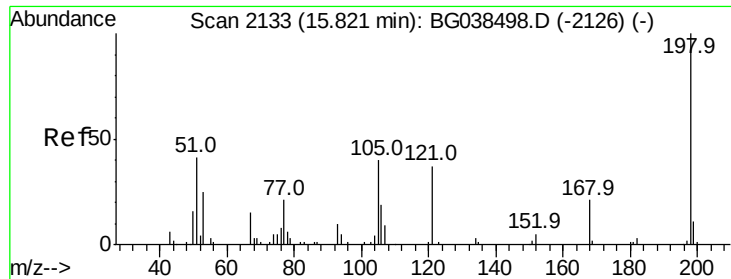
Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.8	5.1	7.7	
80	6.7	6.1	9.1	





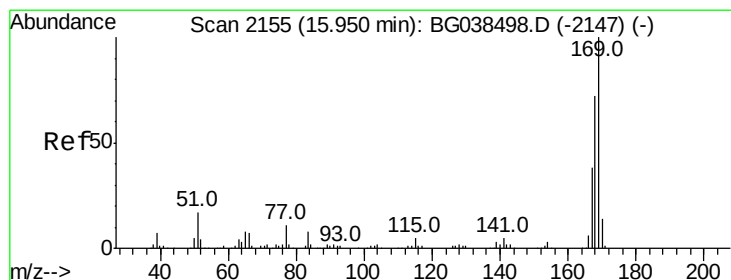
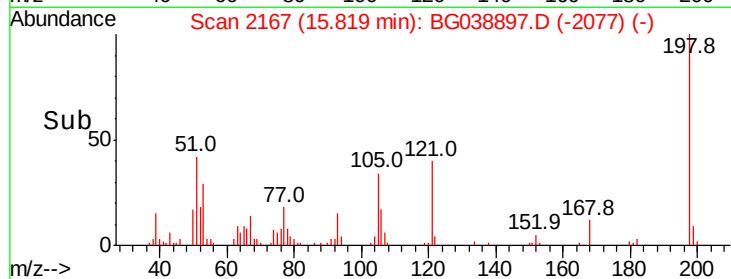
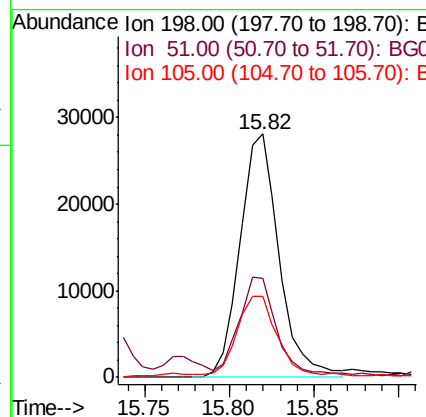
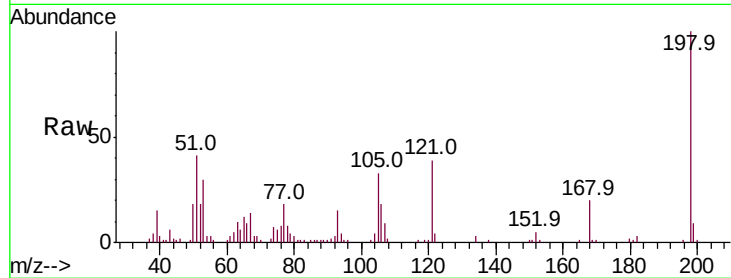
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.344 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	45350		
51	40.9	28.6	68.6	
105	33.3	20.4	60.4	

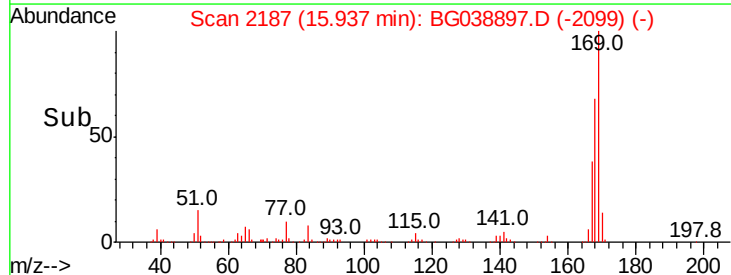
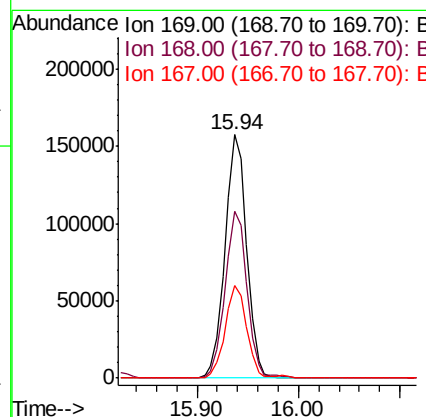
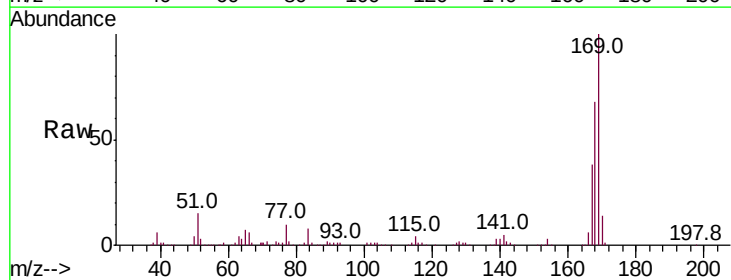
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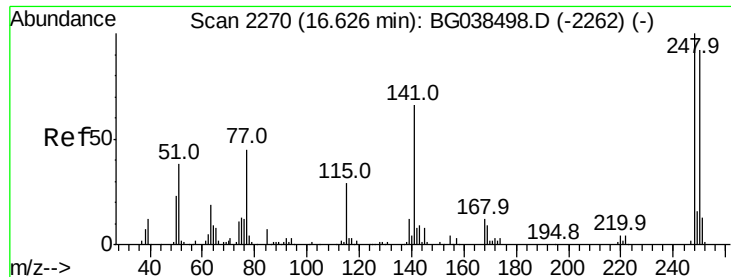
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#66
 n-Nitrosodiphenylamine
 Concen: 42.747 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	232499		
168	68.4	57.5	86.3	
167	38.2	30.2	45.2	





#67

4-Bromophenyl-phenylether

Concen: 43.162 ng

RT: 16.61 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

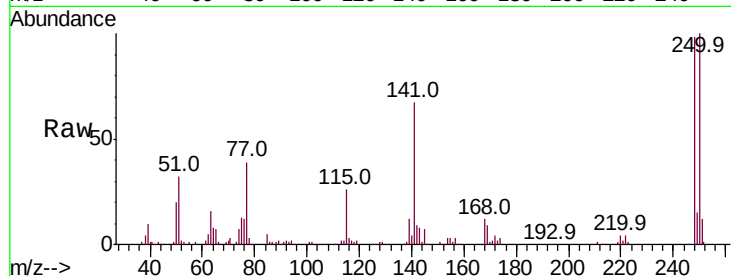
ClientSampleId :

PB116088BS

Tot Ion:	248	Resp:	97576
Ion Ratio	Lower	Upper	
248	100		
250	101.6	73.4	110.2
141	68.2	52.9	79.3

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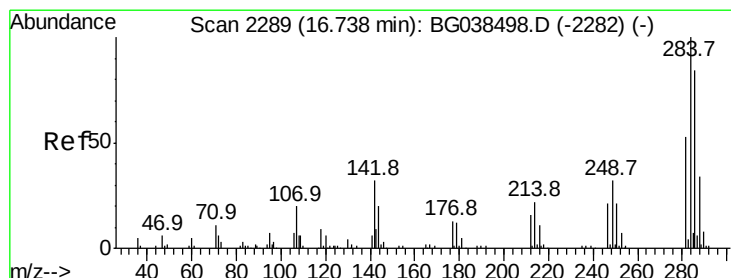
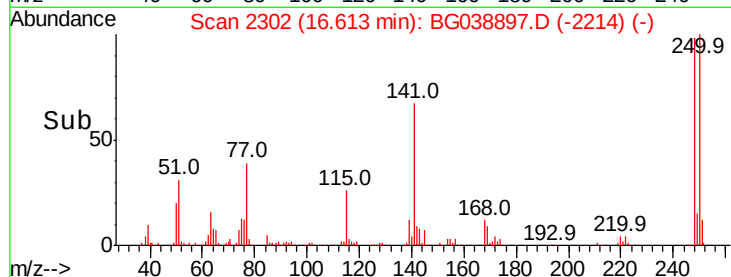
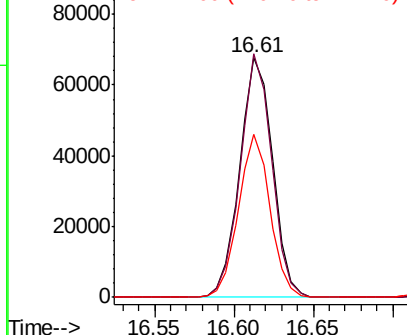


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 44.786 ng

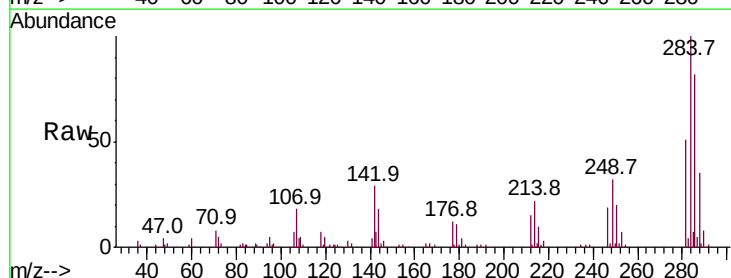
RT: 16.73 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Tgt Ion:	284	Resp:	104955
Ion Ratio	Lower	Upper	
284	100		
142	29.2	25.8	38.6
249	33.7	27.0	40.4

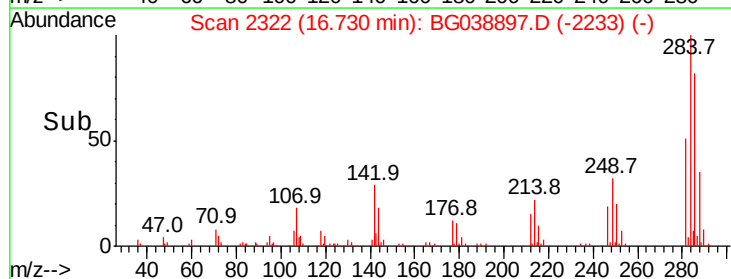
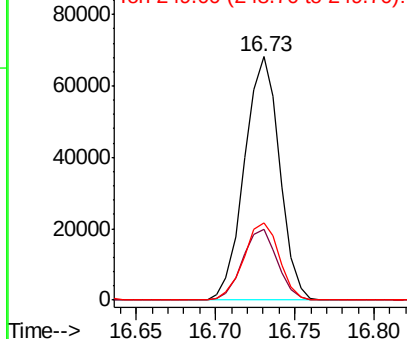


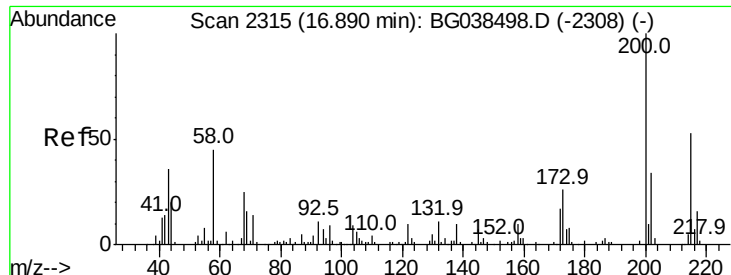
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





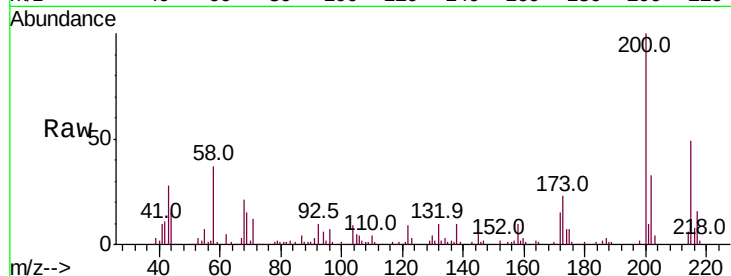
#69
Atrazine
Concen: 47.181 ng
RT: 16.88 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

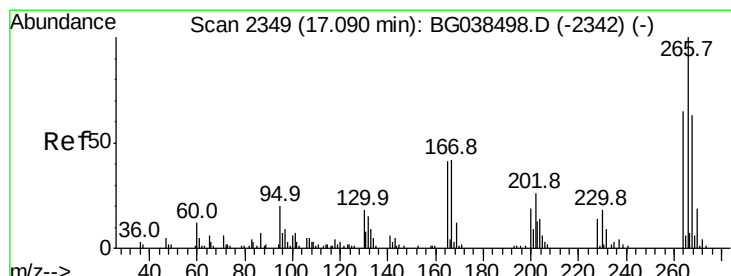
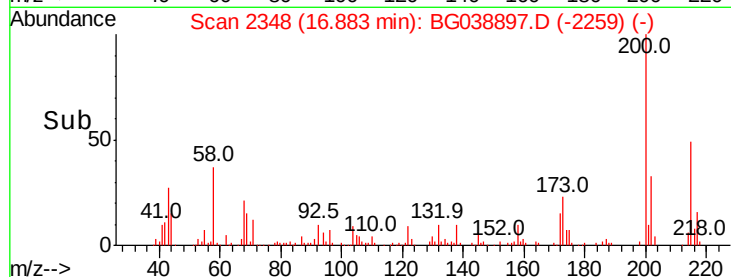
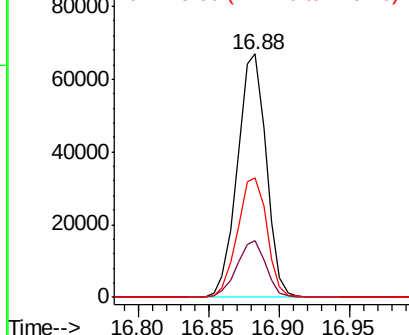
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.3	5.9	45.9
215	48.9	33.1	73.1

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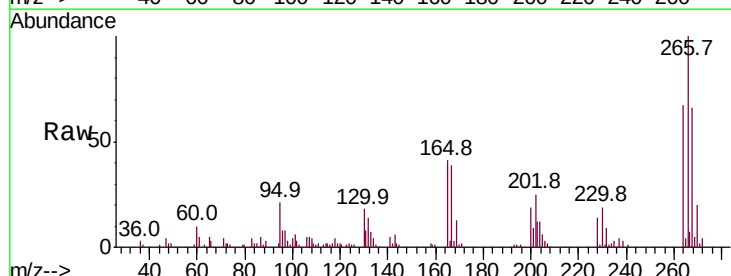


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

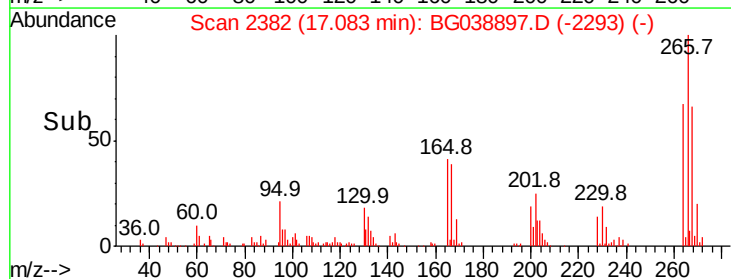
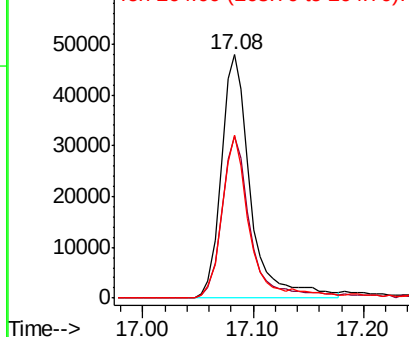


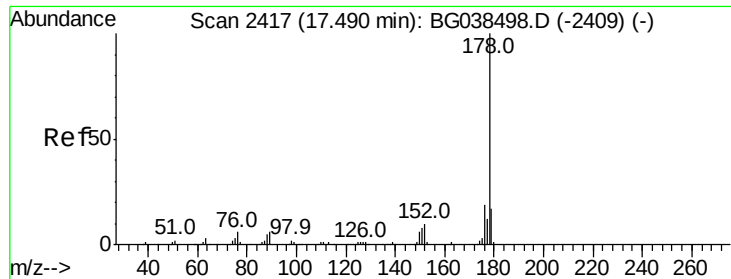
#70
Pentachlorophenol
Concen: 63.892 ng
RT: 17.08 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	71.0	55.0	82.6
264	71.6	56.7	85.1



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.083 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

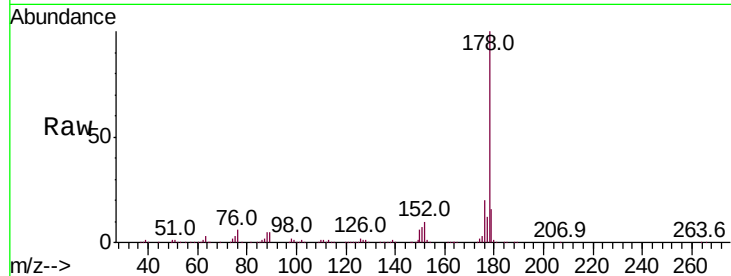
ClientSampleId :

PB116088BS

Tot Ion:178	Resp:	432759
Ion Ratio	Lower	Upper
178	100	
176	20.1	15.1 22.7
179	15.9	13.2 19.8

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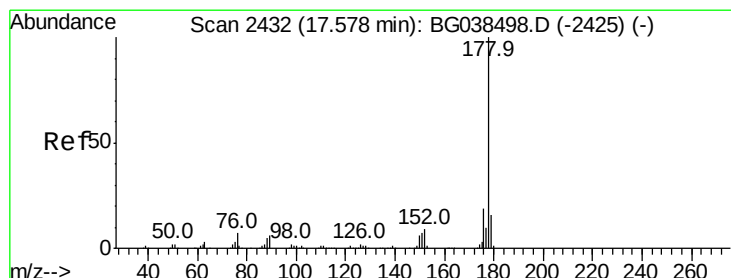
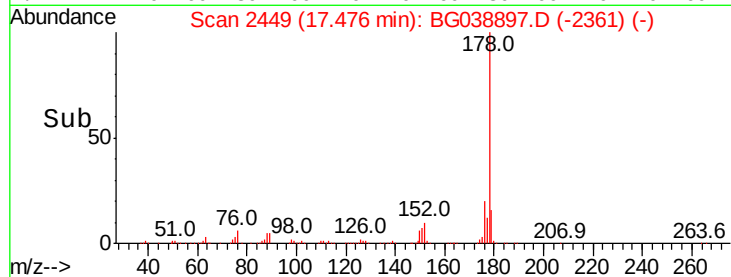
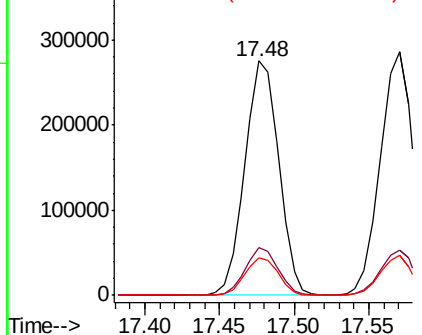


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.499 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

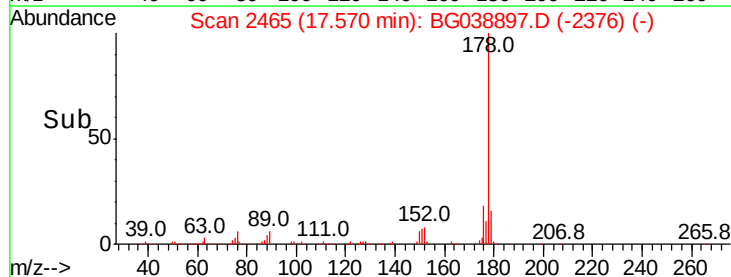
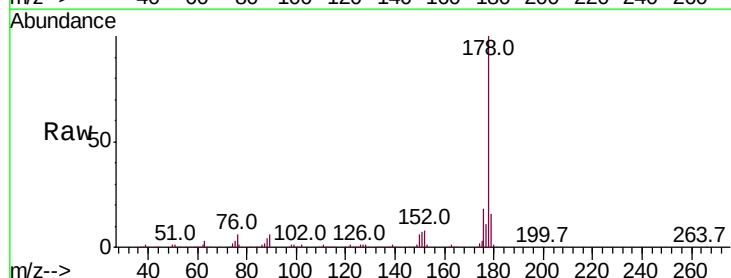
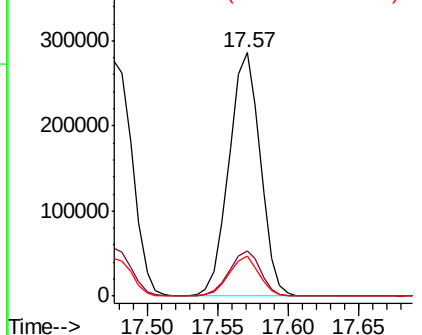
Tgt Ion:178	Resp:	440639
Ion Ratio	Lower	Upper
178	100	
176	18.3	15.1 22.7
179	16.3	12.9 19.3

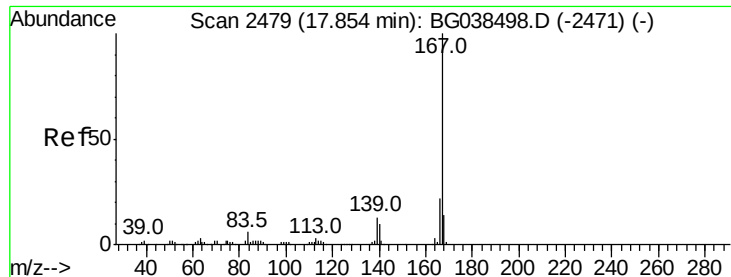
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.324 ng

RT: 17.85 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

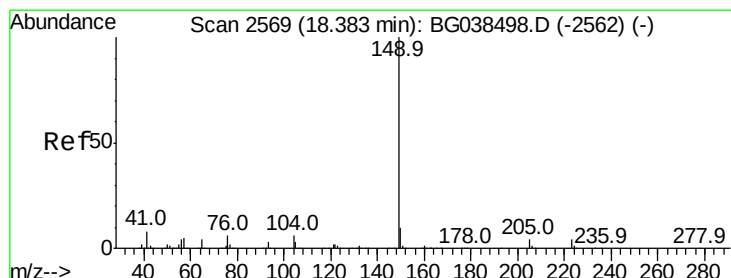
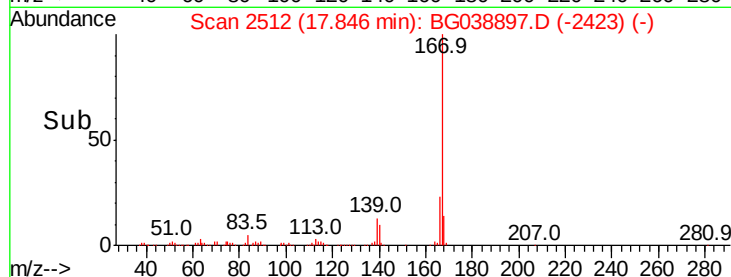
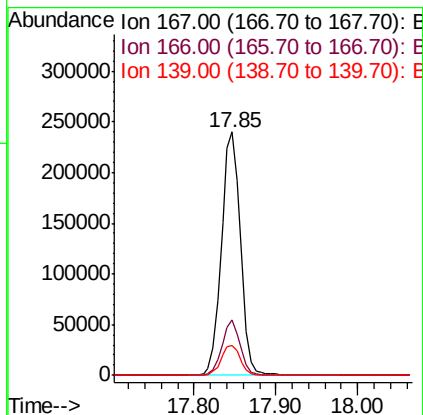
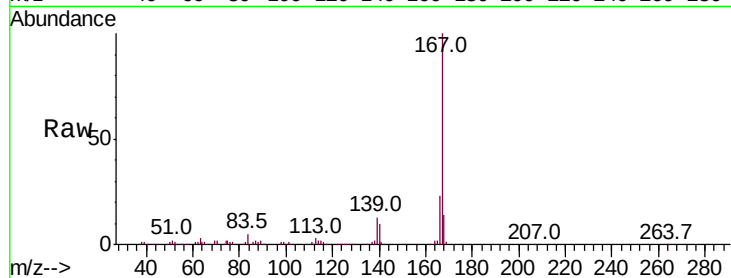
ClientSampleId :

PB116088BS

Tot Ion:	167	Resp:	387285
Ion Ratio	Lower	Upper	
167	100		
166	22.6	17.9	26.9
139	12.5	10.2	15.2

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#74

Di-n-butylphthalate

Concen: 42.068 ng

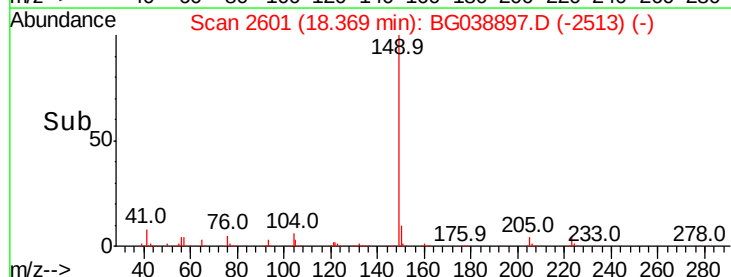
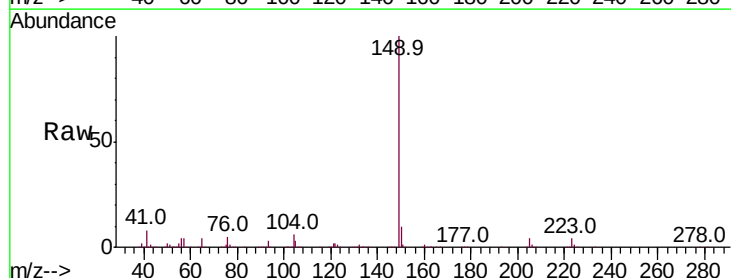
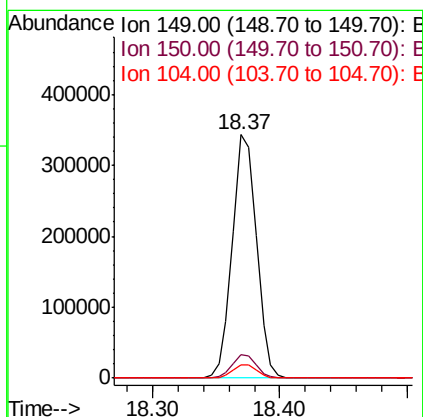
RT: 18.37 min Scan# 2601

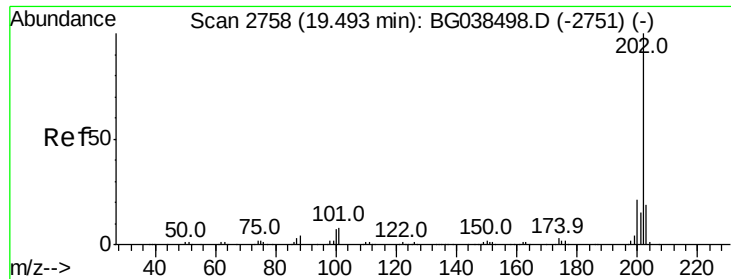
Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Tgt Ion:	149	Resp:	452396
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.6	11.4
104	5.6	5.0	7.4





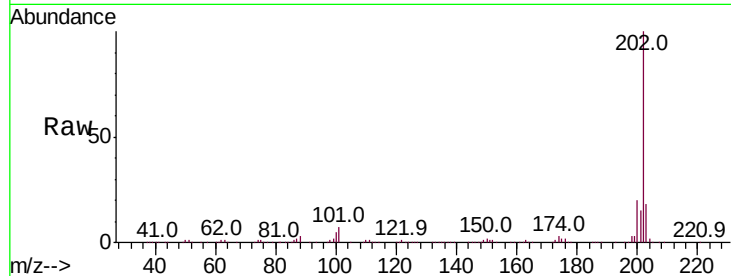
#75
 Fluoranthene
 Concen: 44.870 ng
 RT: 19.49 min Scan# 2791
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

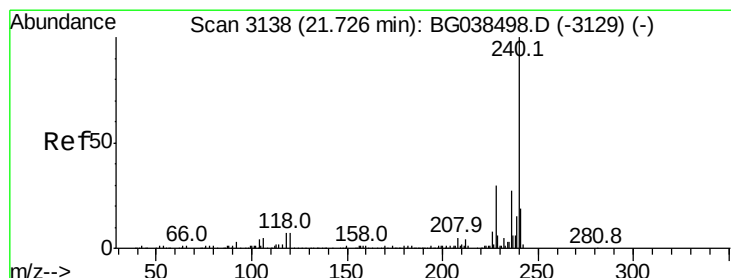
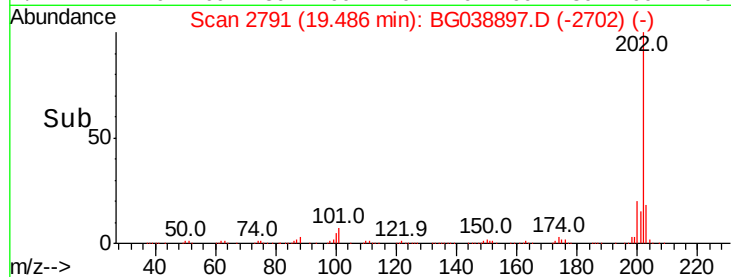
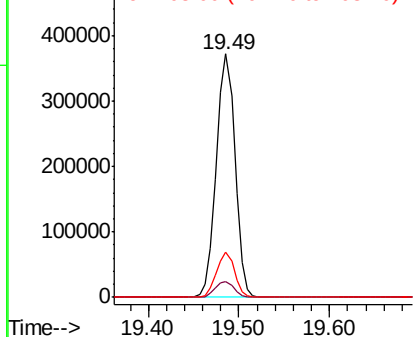
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.6	0.0	28.1
203	18.5	0.0	39.0

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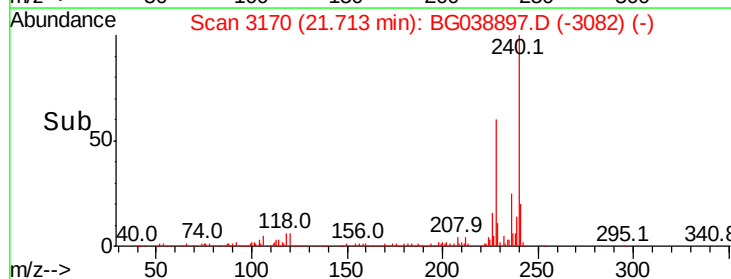
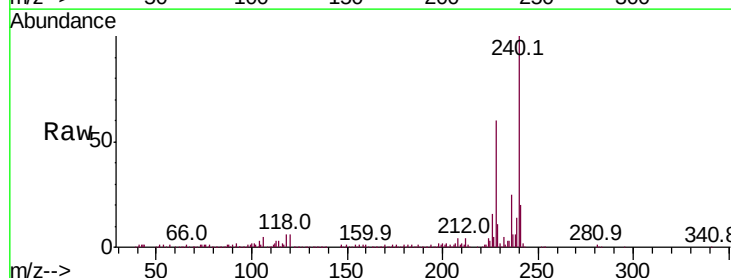
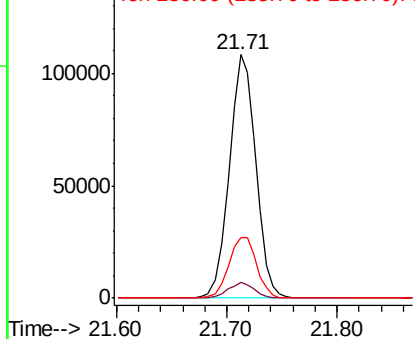
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

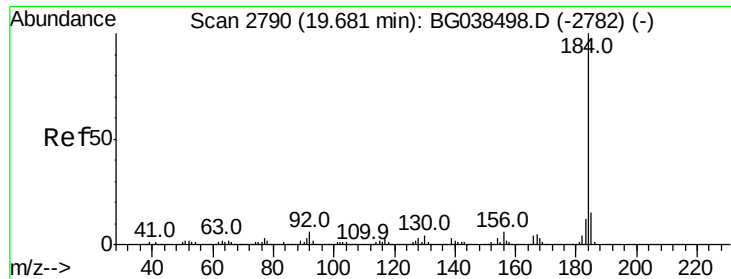


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.5	5.3	7.9
236	24.8	21.4	32.2

Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.266 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

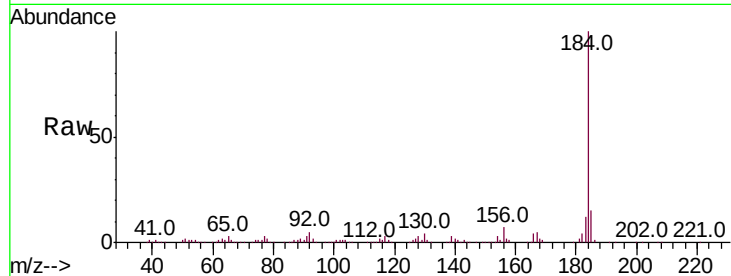
ClientSampleId :

PB116088BS

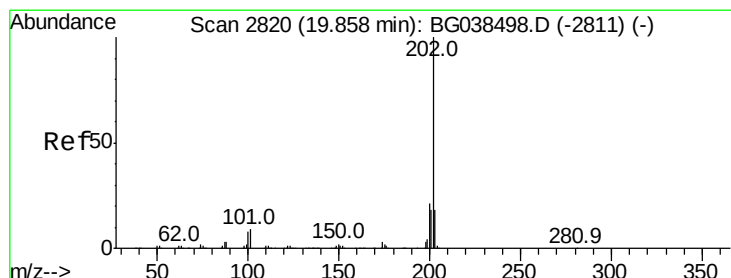
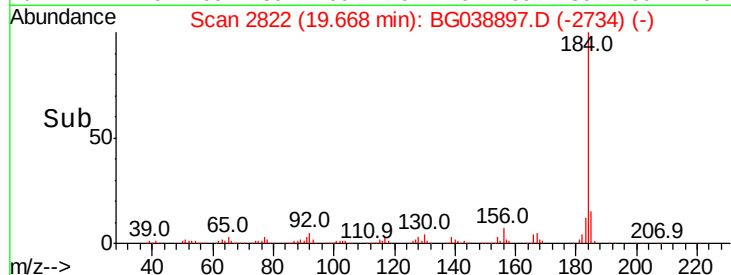
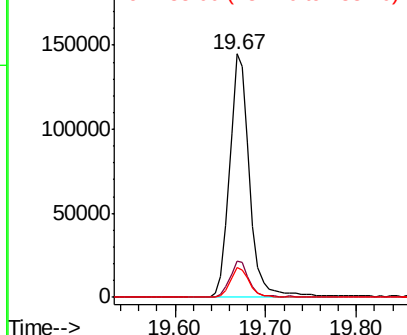
Tot Ion:	184	Resp:	222366
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.2	18.2
183	12.1	9.6	14.4

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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: 43.778 ng

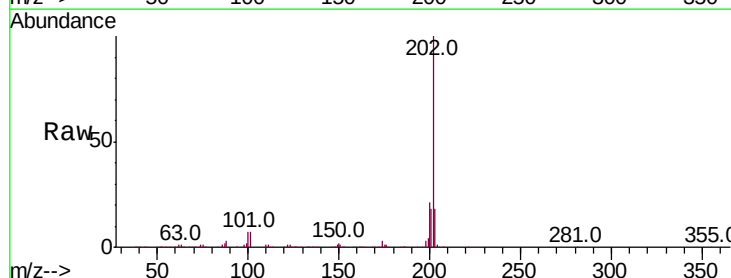
RT: 19.85 min Scan# 2853

Delta R.T. -0.01 min

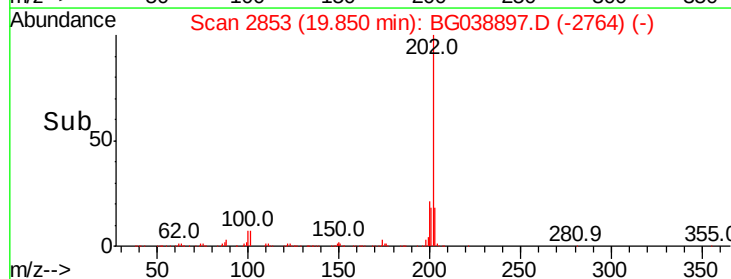
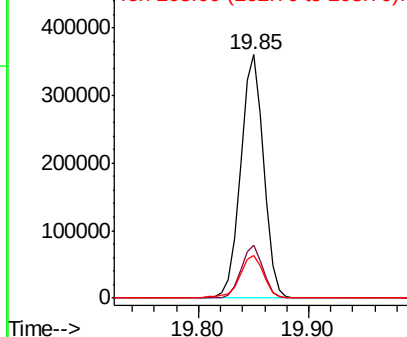
Lab File: BG038897.D

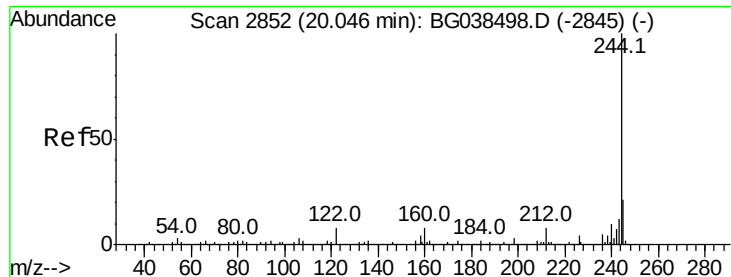
Acq: 2 Jan 2019 18:17

Tgt Ion:	202	Resp:	526966
Ion Ratio	Lower	Upper	
202	100		
200	21.5	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: 82.706 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

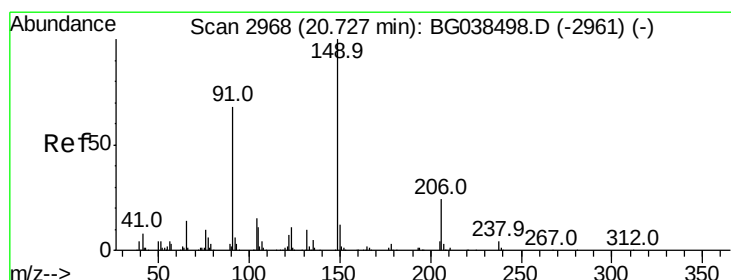
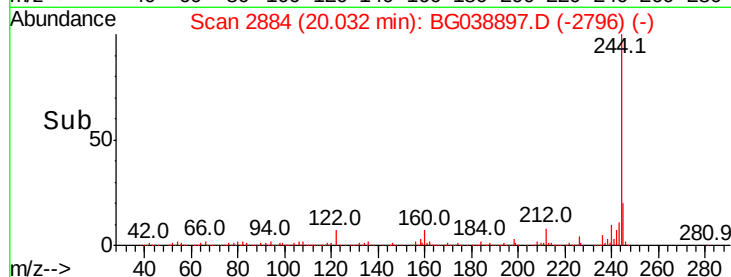
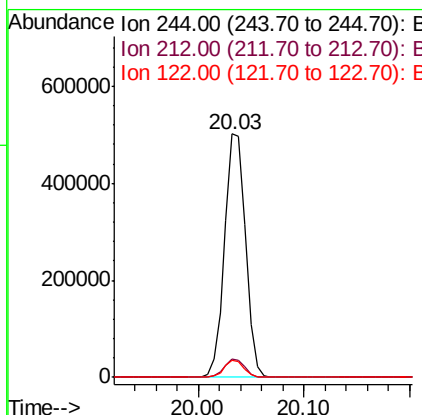
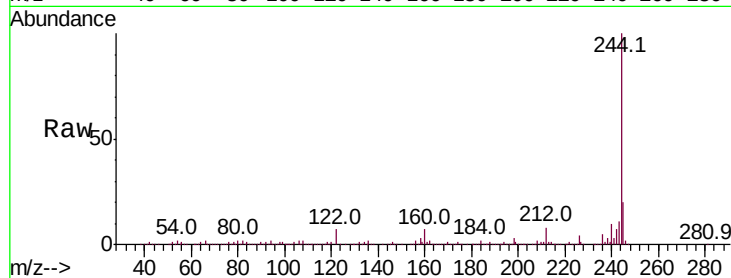
ClientSampleId :

PB116088BS

Tot Ion:	244	Resp:	692428
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.2	9.2
122	7.1	6.3	9.5

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#80

Butylbenzylphthalate

Concen: 42.012 ng

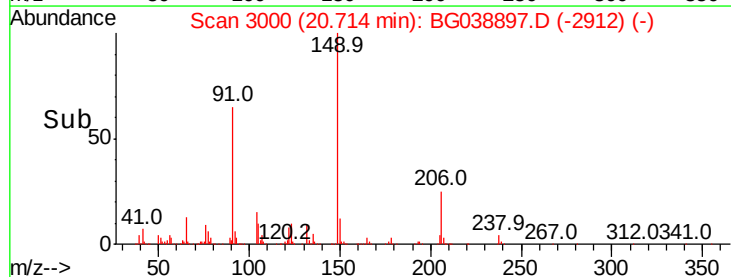
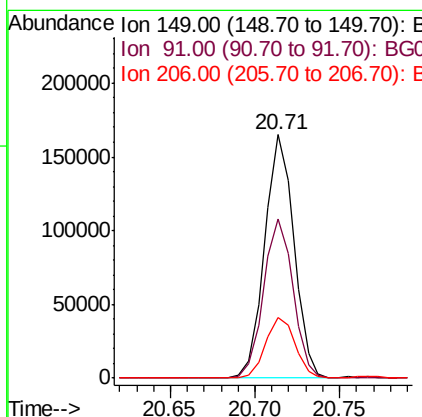
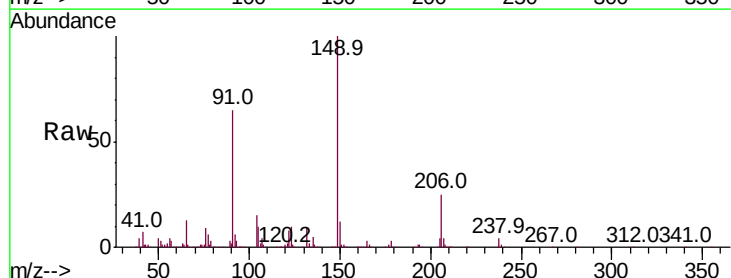
RT: 20.71 min Scan# 3000

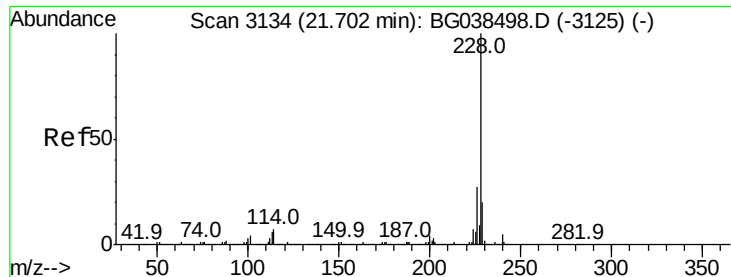
Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Tgt Ion:	149	Resp:	197571
Ion Ratio	Lower	Upper	
149	100		
91	65.3	54.5	81.7
206	24.9	19.0	28.6





#81

Benzo(a)anthracene

Concen: 45.515 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

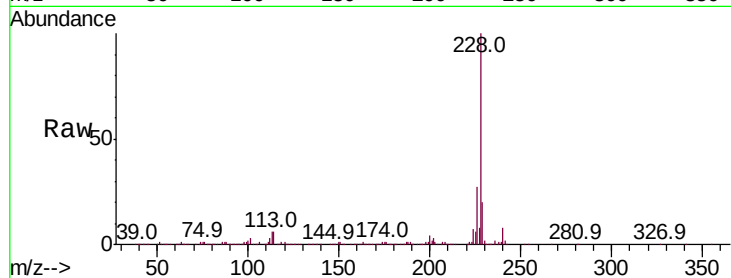
ClientSampleId :

PB116088BS

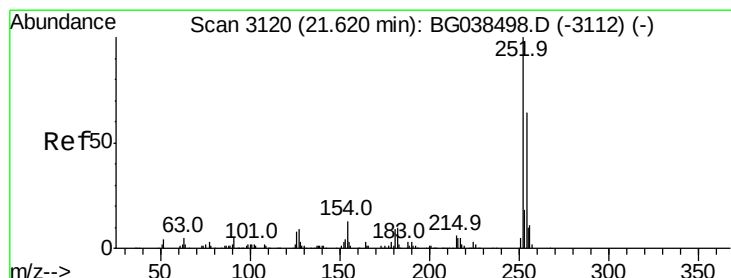
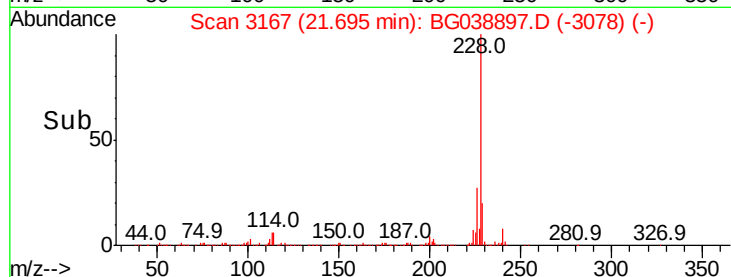
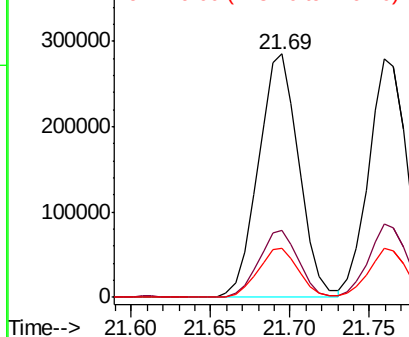
Tot Ion:	228	Resp:	505338
Ion Ratio	Lower	Upper	
228	100		
226	27.3	21.8	32.8
229	20.4	15.8	23.6

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



#82

3,3'-Dichlorobenzidine

Concen: 29.429 ng

RT: 21.61 min Scan# 3153

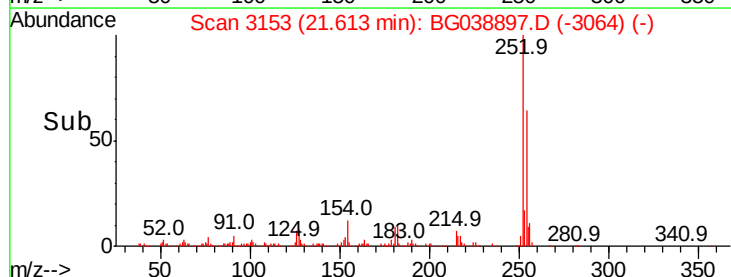
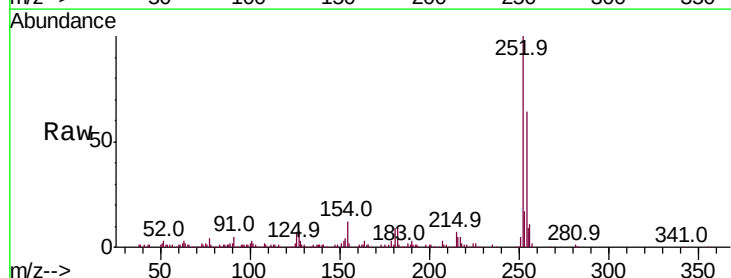
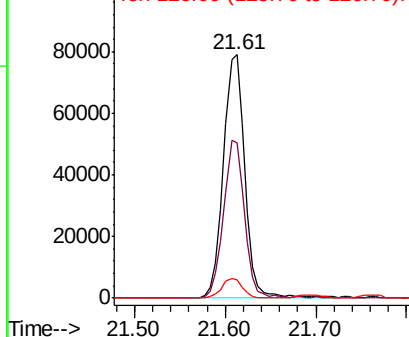
Delta R.T. -0.01 min

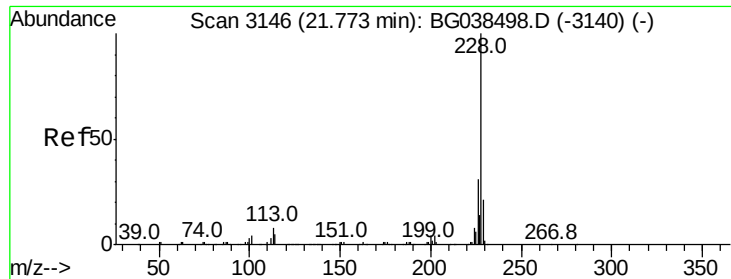
Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Tgt Ion:	252	Resp:	129590
Ion Ratio	Lower	Upper	
252	100		
254	63.8	50.9	76.3
126	7.3	6.3	9.5

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





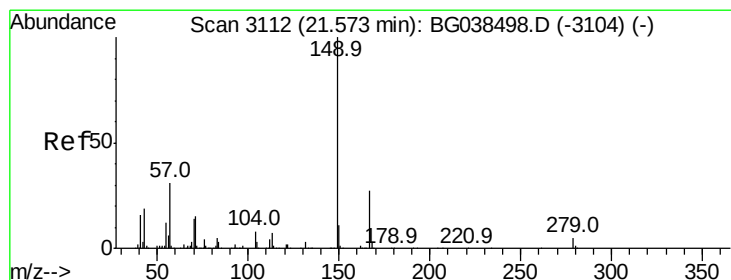
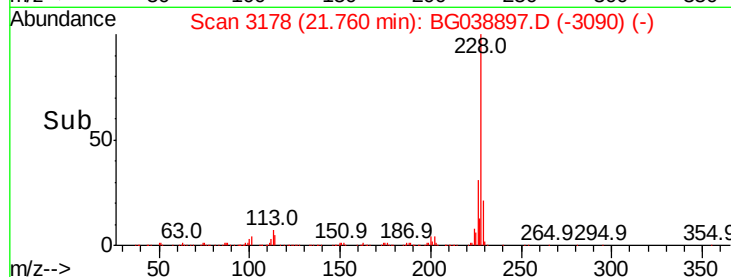
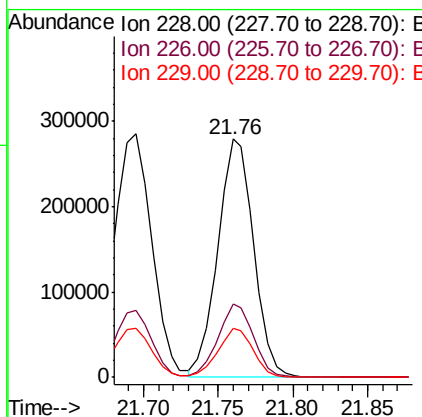
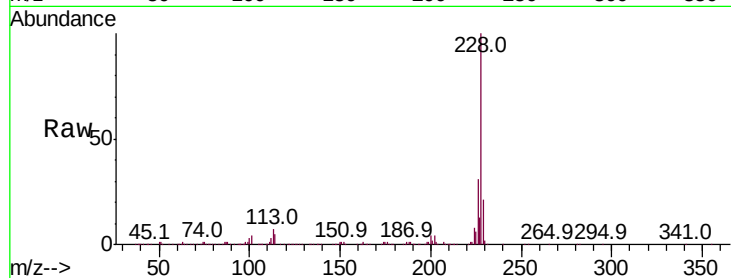
#83
 Chrysene
 Concen: 43.641 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

Tot Ion:	228	Resp:	466707
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.0	37.4
229	20.8	16.5	24.7

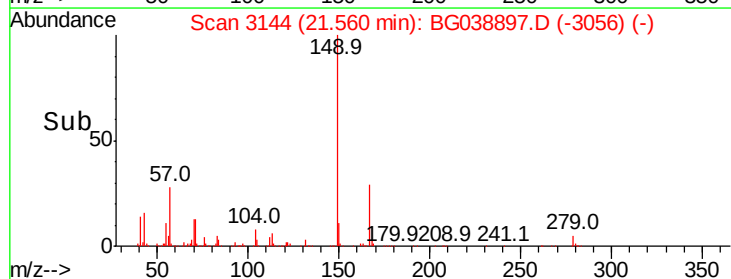
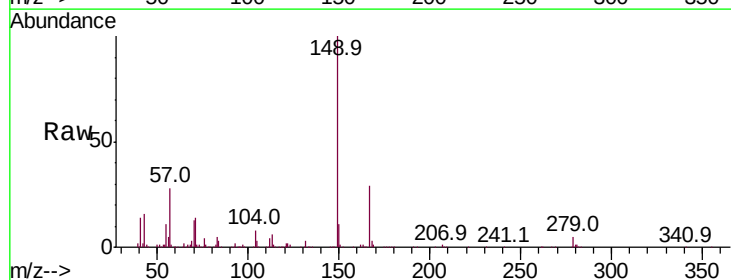
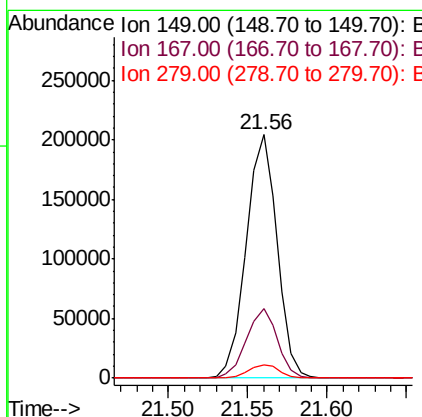
Manual Integrations
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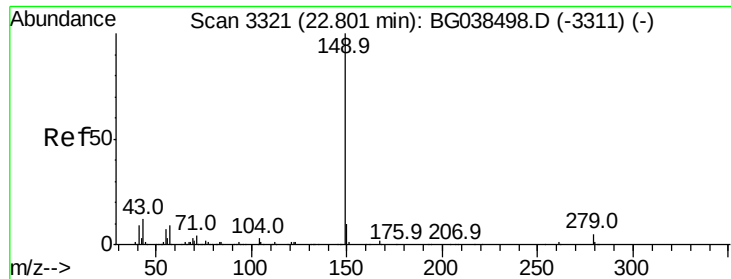
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.434 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Tgt Ion:	149	Resp:	276354
Ion Ratio	Lower	Upper	
149	100		
167	28.7	21.9	32.9
279	5.4	4.2	6.2





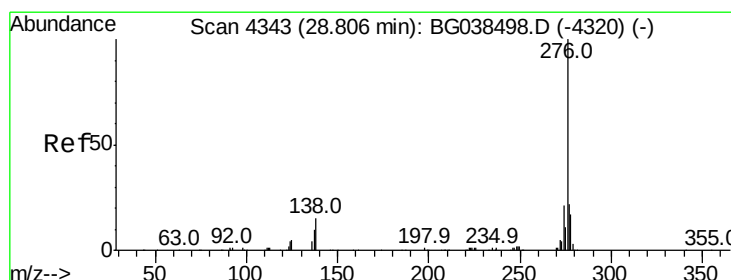
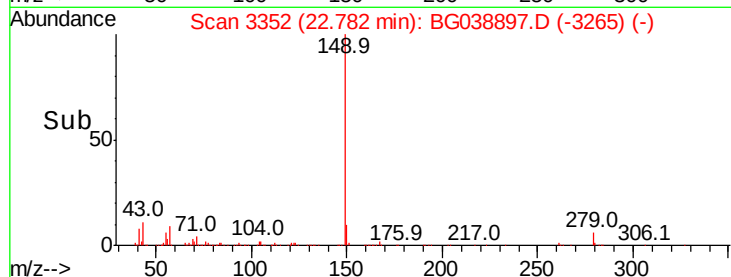
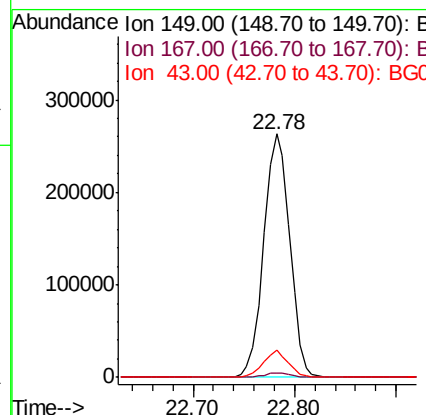
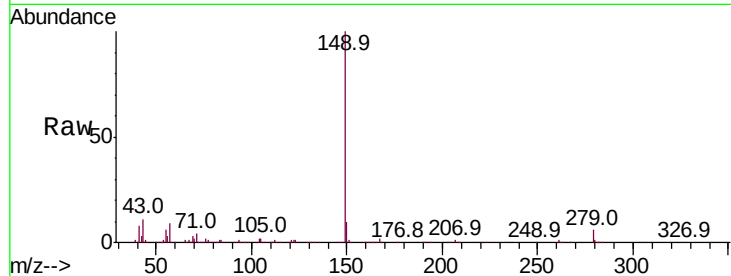
#85
Di-n-octyl phthalate
Concen: 41.881 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	467823		
167	1.8		1.2	1.8
43	10.3		9.3	13.9

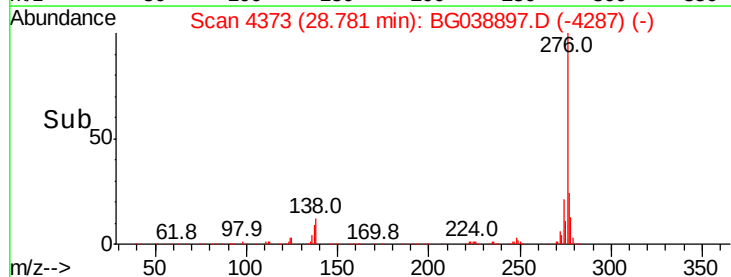
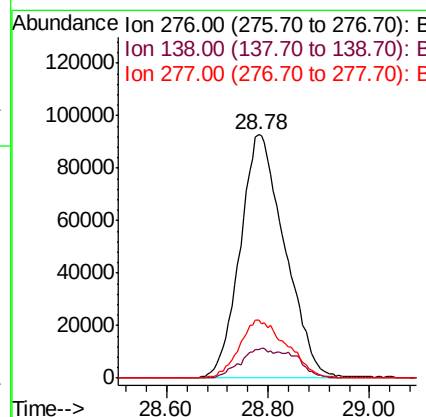
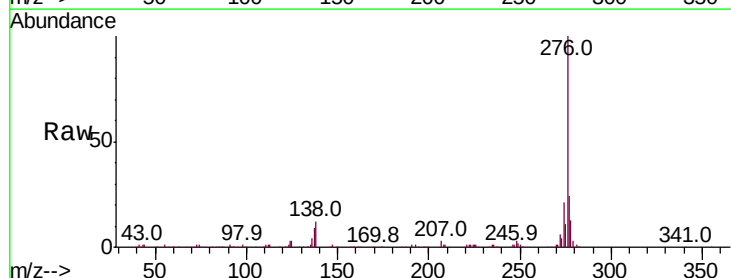
Manual Integrations
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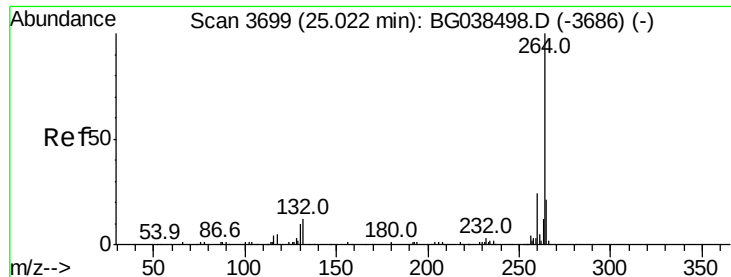
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.196 ng
RT: 28.78 min Scan# 4373
Delta R.T. -0.03 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	568233		
138	9.2		14.4	21.6#
277	25.4		0.0	0.0#





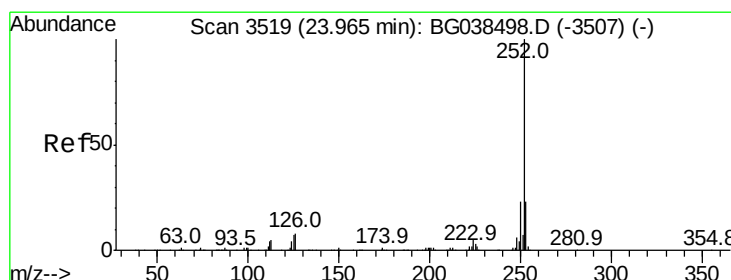
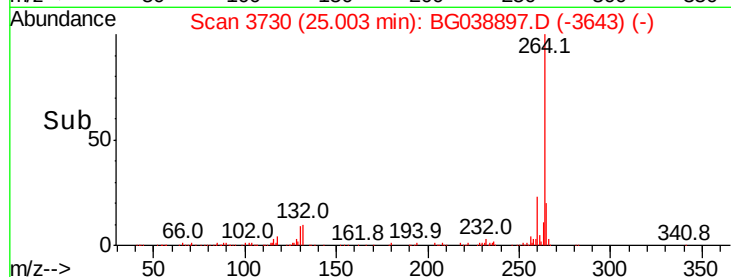
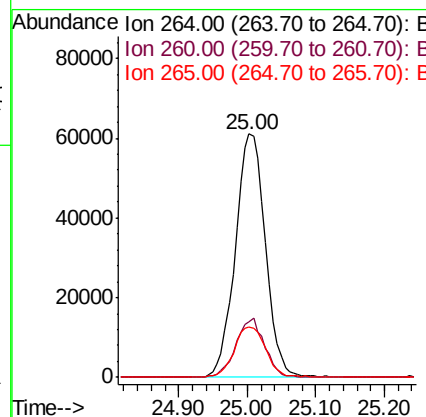
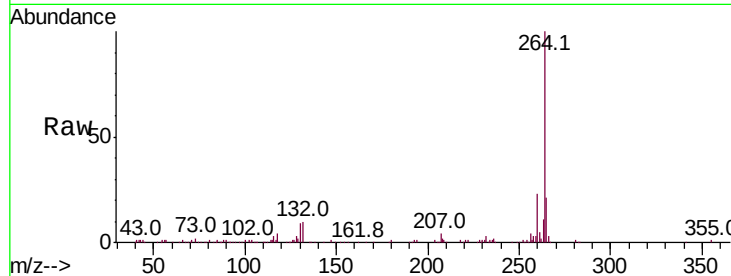
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.02 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.9	28.3
265	20.5	17.0	25.4

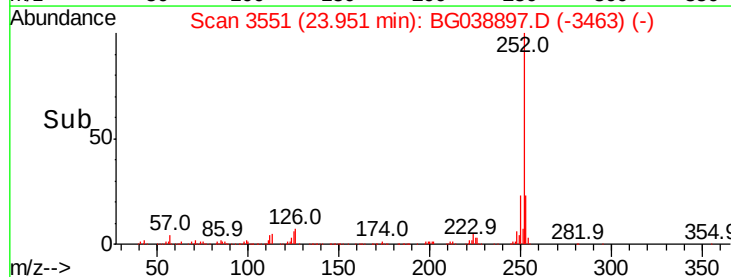
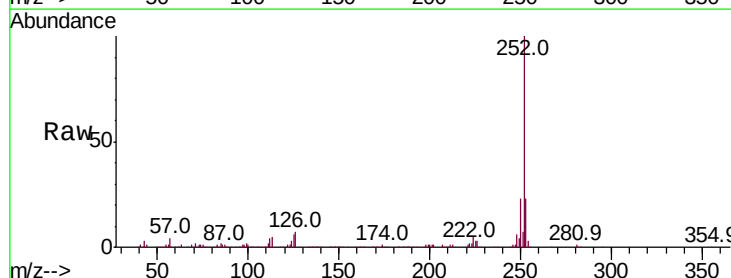
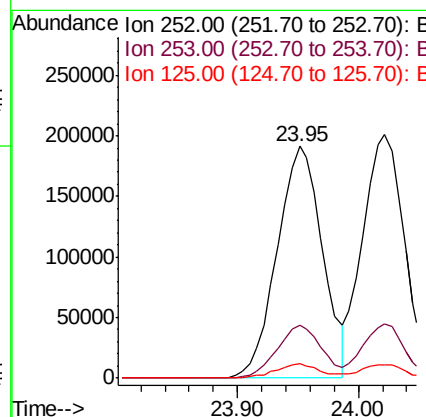
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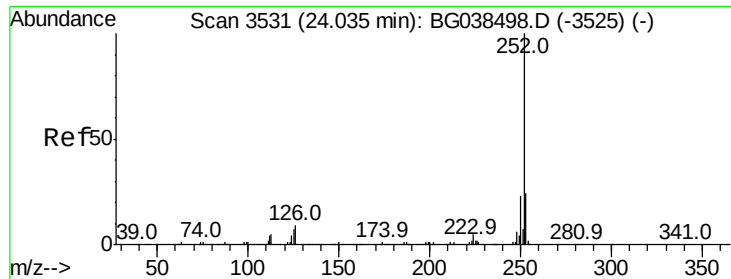
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#88
Benzo(b)fluoranthene
Concen: 48.819 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	6.4	5.5	8.3





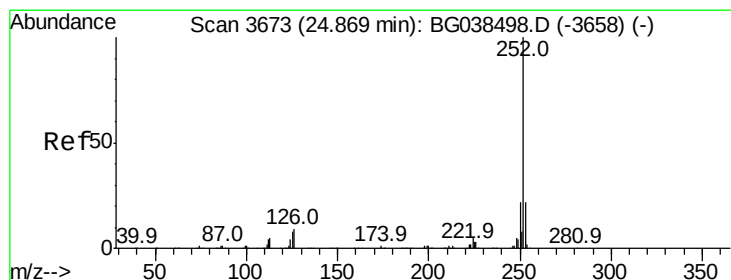
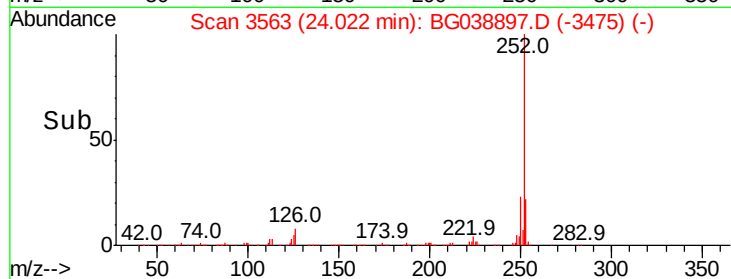
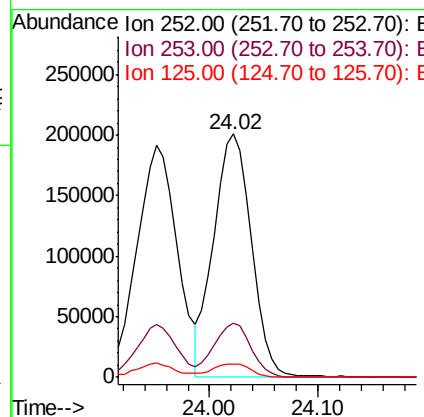
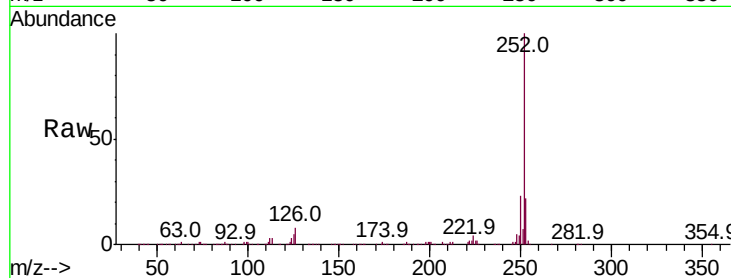
#89
Benzo(k)fluoranthene
Concen: 48.094 ng/mL
RT: 24.02 min Scan# 3563
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleID :
PB116088BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.9	28.3
125	5.2	5.4	8.2

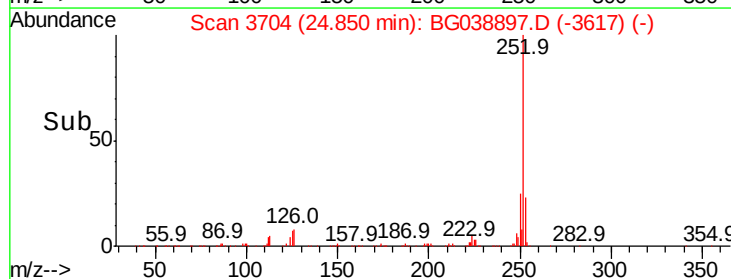
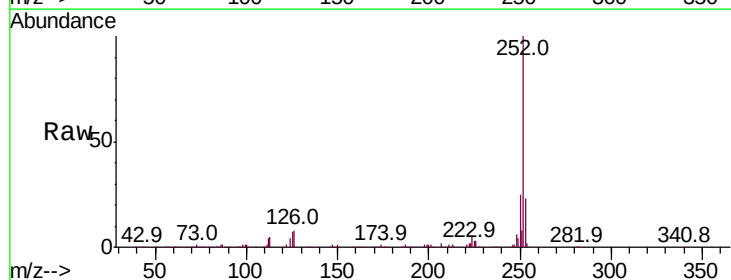
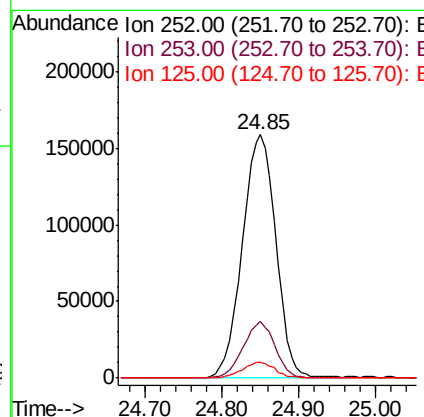
Manual Integrations
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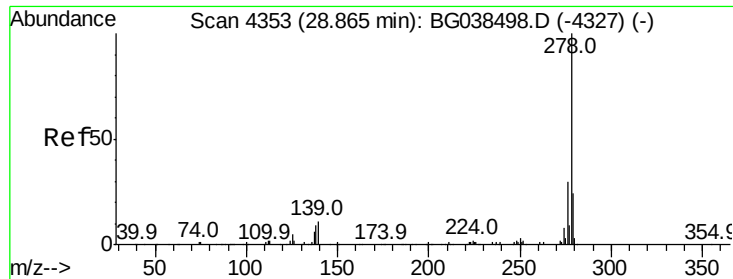
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#90
Benzo(a)pyrene
Concen: 49.505 ng/mL
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	6.5	6.4	9.6





#91

Dibenzo(a,h)anthracene

Concen: 48.677 ng

RT: 28.85 min Scan# 4385

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

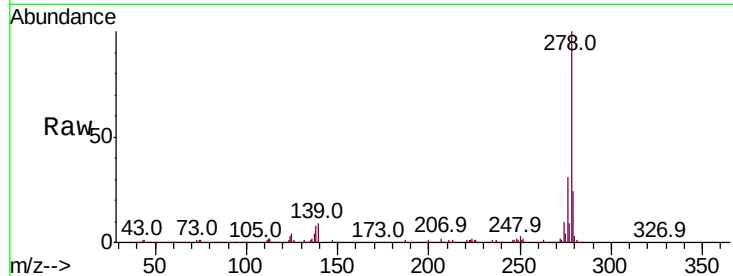
ClientSampled :

PB116088BS

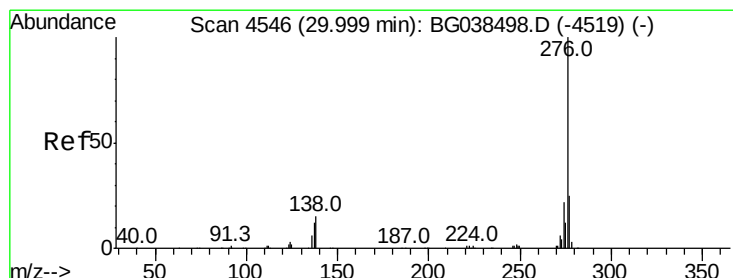
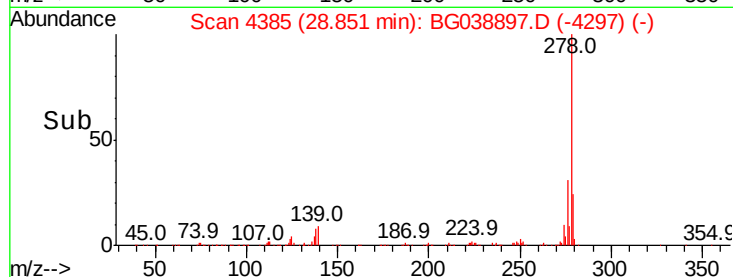
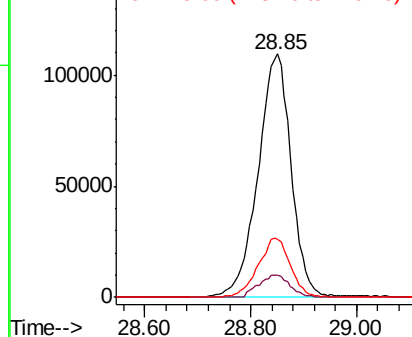
Tot Ion:	278	Resp:	475492
Ion Ratio	Lower	Upper	
278	100		
139	8.9	8.6	12.8
279	23.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
1/3/2019 11:16:15 AM



Abundance Ion 278.00 (277.70 to 278.70): E
150000
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.020 ng

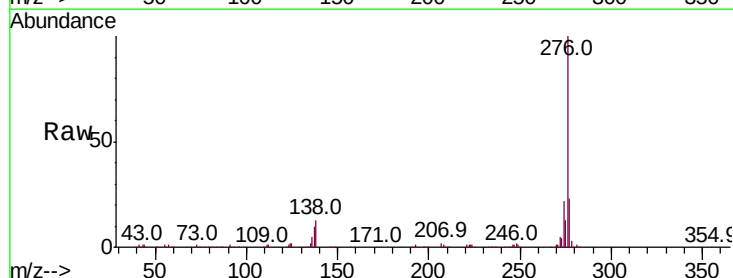
RT: 29.97 min Scan# 4576

Delta R.T. -0.03 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Tgt Ion:	276	Resp:	471905
Ion Ratio	Lower	Upper	
276	100		
277	23.0	19.8	29.8
138	13.3	11.8	17.6



Abundance Ion 276.00 (275.70 to 276.70): E
120000
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

