

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010219\
 Data File : BG038898.D
 Acq On : 2 Jan 2019 18:56
 Operator : JU/SJ
 Sample : PB116088BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

Manual Integrations
 APPROVED

Sohil
 1/3/2019 11:16:17 AM

Quant Time: Jan 03 00:47:51 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	8.04	152	23349	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	97093	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	72222	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	194035	20.00	ng	0.00
76) Chrysene-d12	21.71	240	193268	20.00	ng	-0.01
87) Perylene-d12	25.01	264	190388	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	165985	126.09	ng	0.00
7) Phenol-d6	7.21	99	225985	125.05	ng	0.00
23) Nitrobenzene-d5	9.22	82	115392	60.72	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	144579	145.25	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	321552	61.08	ng	-0.01
79) Terphenyl-d14	20.03	244	704583	79.34	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.48	88	31475	51.372 ng	95
3) Pyridine	3.88	79	53435	31.677 ng	98
4) n-Nitrosodimethylamine	3.81	42	30817	37.285 ng	97
6) Aniline	7.37	93	70546	30.579 ng	94
8) 2-Chlorophenol	7.61	128	70309	46.152 ng	99
9) Benzaldehyde	7.18	77	15265	13.021 ng	97
10) Phenol	7.24	94	88366	46.024 ng	99
11) bis(2-Chloroethyl)ether	7.47	93	55503	36.309 ng	93
12) 1,3-Dichlorobenzene	7.93	146	71754	39.835 ng	97
13) 1,4-Dichlorobenzene	8.08	146	73090	39.620 ng	95
14) 1,2-Dichlorobenzene	8.40	146	70920	40.778 ng	97
15) Benzyl Alcohol	8.29	79	62313	44.175 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	114236	32.623 ng	97
17) 2-Methylphenol	8.50	107	60451	46.994 ng	97
18) Hexachloroethane	9.12	117	25796	38.267 ng	90
19) n-Nitroso-di-n-propylamine	8.85	70	48328	38.075 ng	95
20) 3+4-Methylphenols	8.82	107	83915	47.235 ng	96
22) Acetophenone	8.88	105	98945	40.799 ng	96
24) Nitrobenzene	9.26	77	75571	39.306 ng	99
25) Isophorone	9.78	82	141670	41.488 ng	99
26) 2-Nitrophenol	9.98	139	41450	42.122 ng	95
27) 2,4-Dimethylphenol	10.03	122	70032	49.658 ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	80073	41.552 ng	96
29) 2,4-Dichlorophenol	10.51	162	81415	51.892 ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	81941	43.238 ng	97
31) Naphthalene	10.92	128	213889	44.711 ng	97
32) Benzoic acid	10.13	122	12168m	20.871 ng	
33) 4-Chloroaniline	11.03	127	65325	31.453 ng	96
34) Hexachlorobutadiene	11.17	225	52701	41.098 ng	95
35) Caprolactam	11.82	113	29805	45.904 ng	# 83
36) 4-Chloro-3-methylphenol	12.15	107	86200	48.145 ng	93
37) 2-Methylnaphthalene	12.51	142	165575	48.515 ng	97
38) 1-Methylnaphthalene	12.74	142	161350	48.720 ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	105674	39.144 ng	98

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 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	117306	79.092	nq	94
43) 2,4,6-Trichlorophenol	13.13	196	79842	48.100	nq	97
44) 2,4,5-Trichlorophenol	13.20	196	86809	49.395	nq	98
46) 1,1'-Biphenyl	13.52	154	224694	37.112	nq	98
47) 2-Chloronaphthalene	13.57	162	181214	38.747	nq	99
48) 2-Nitroaniline	13.78	65	58924	39.555	nq	# 85
49) Acenaphthylene	14.41	152	304192	43.508	nq	98
50) Dimethylphthalate	14.14	163	252842	42.870	nq	99
51) 2,6-Dinitrotoluene	14.27	165	57207	42.802	nq	89
52) Acenaphthene	14.75	154	174186	41.664	nq	98
53) 3-Nitroaniline	14.61	138	45490	33.388	nq	91
54) 2,4-Dinitrophenol	14.81	184	42056	54.640	nq	95
55) Dibenzofuran	15.09	168	303637	42.369	nq	97
56) 4-Nitrophenol	14.92	139	87559	84.713	nq	96
57) 2,4-Dinitrotoluene	15.06	165	84428	44.849	nq	89
58) Fluorene	15.73	166	248952	46.888	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	84010	53.132	nq	96
60) Diethylphthalate	15.49	149	266108	41.100	nq	98
61) 4-Chlorophenyl-phenylether	15.72	204	139956	42.247	nq	98
62) 4-Nitroaniline	15.77	138	62840	44.800	nq	94
63) Azobenzene	16.01	77	213541	39.480	nq	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	47503	34.319	nq	89
66) n-Nitrosodiphenylamine	15.94	169	232242	40.736	nq	97
67) 4-Bromophenyl-phenylether	16.62	248	98446	41.543	nq	95
68) Hexachlorobenzene	16.73	284	105467	42.934	nq	97
69) Atrazine	16.88	200	96548	45.632	nq	98
70) Pentachlorophenol	17.08	266	92900	63.938	nq	98
71) Phenanthrene	17.48	178	441116	43.840	nq	99
72) Anthracene	17.57	178	455394	45.845	nq	99
73) Carbazole	17.84	167	398949	40.610	nq	100
74) Di-n-butylphthalate	18.37	149	466998	41.429	nq	99
75) Fluoranthene	19.49	202	546158	43.870	nq	96
77) Benzidine	19.67	184	238211	41.676	nq	98
78) Pyrene	19.85	202	542065	42.455	nq	99
80) Butylbenzylphthalate	20.72	149	200793	40.253	nq	94
81) Benzo(a)anthracene	21.70	228	516882	43.890	nq	99
82) 3,3'-Dichlorobenzidine	21.61	252	134411	28.777	nq	98
83) Chrysene	21.76	228	480752	42.382	nq	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	283613	40.088	nq	98
85) Di-n-octyl phthalate	22.78	149	475165	40.104	nq	97
86) Indeno(1,2,3-cd)pyrene	28.78	276	577297	43.289	nq	# 93
88) Benzo(b)fluoranthene	23.95	252	514181	49.189	nq	99
89) Benzo(k)fluoranthene	24.02	252	483696	46.469	nq	99
90) Benzo(a)pyrene	24.85	252	491452	48.733	nq	# 97
91) Dibenzo(a,h)anthracene	28.84	278	483106	48.114	nq	98
92) Benzo(g,h,i)perylene	29.98	276	484543	48.967	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.02 min

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BNA_G

ClientSampleId :

PB116088BSD

Tot Ion:152 Resp: 23349

Ion Ratio Lower Upper

152 100

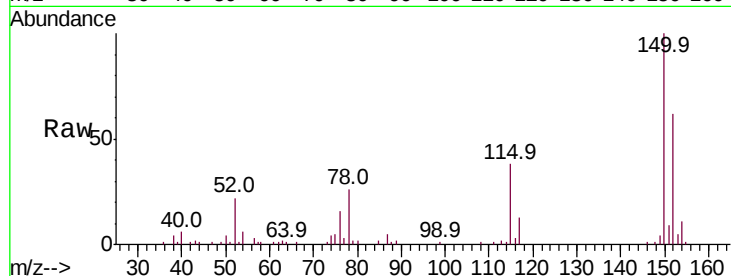
150 161.2 119.5 179.3

115 62.0 49.6 74.4

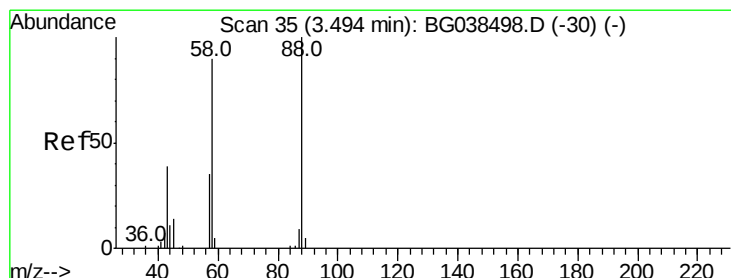
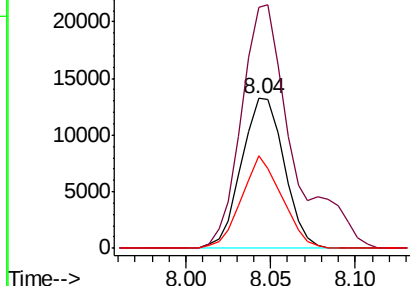
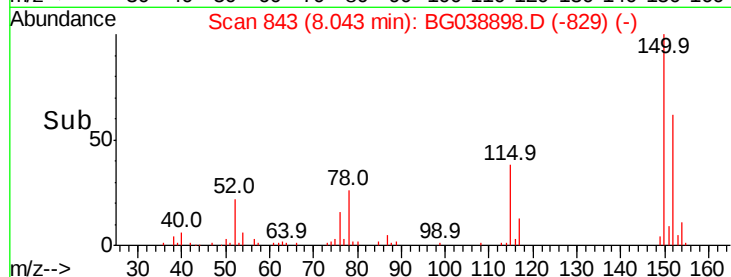
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 51.372 ng

RT: 3.48 min Scan# 66

Delta R.T. -0.02 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

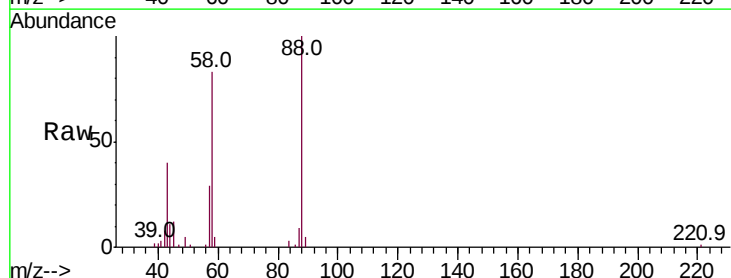
Tgt Ion: 88 Resp: 31475

Ion Ratio Lower Upper

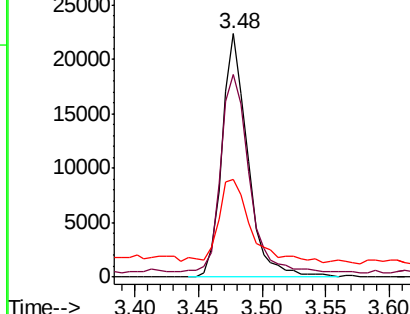
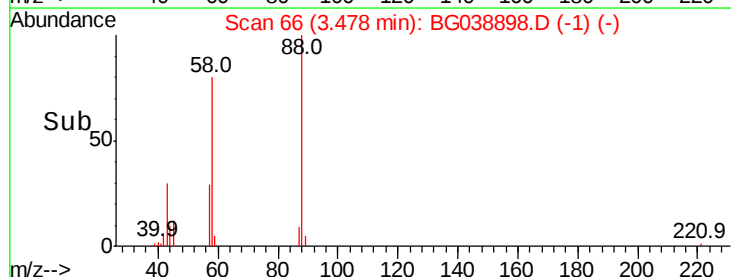
88 100

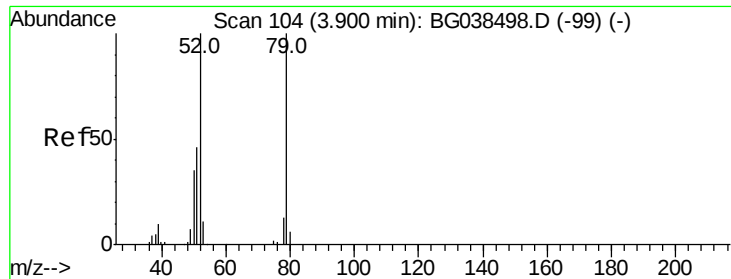
58 88.3 75.7 113.5

43 40.5 31.6 47.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.677 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.02 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

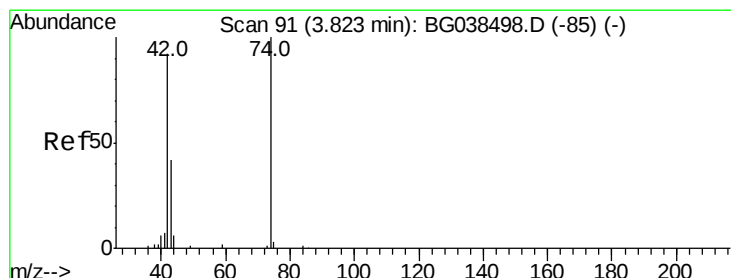
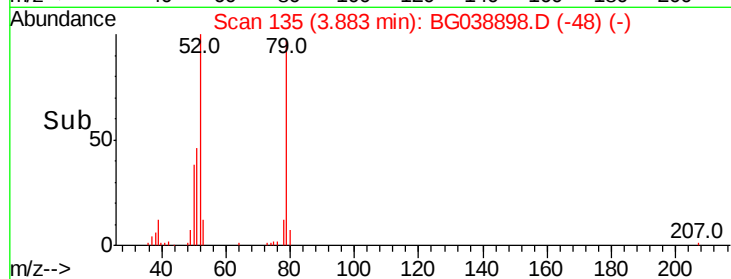
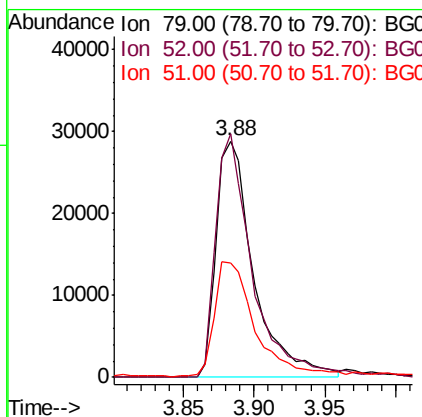
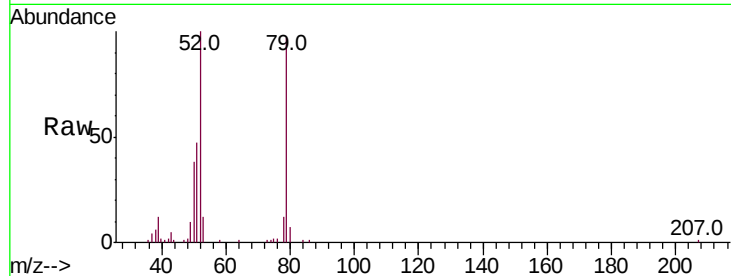
ClientSampleId :

PB116088BSD

Tot Ion:	79	Resp:	53435
Ion	Ratio	Lower	Upper
79	100		
52	103.1	80.2	120.2
51	48.5	38.0	57.0

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#4

n-Nitrosodimethylamine

Concen: 37.285 ng

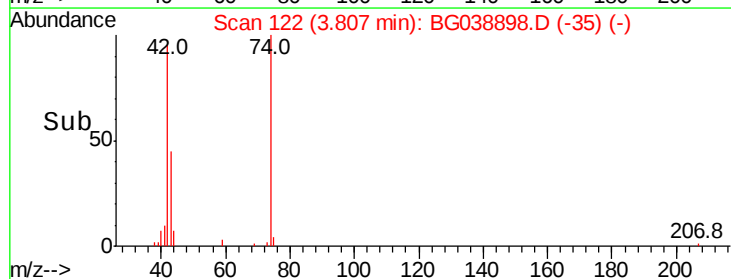
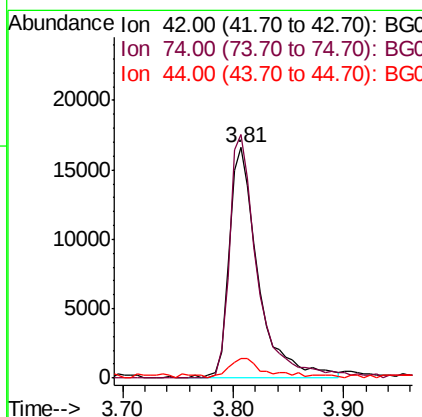
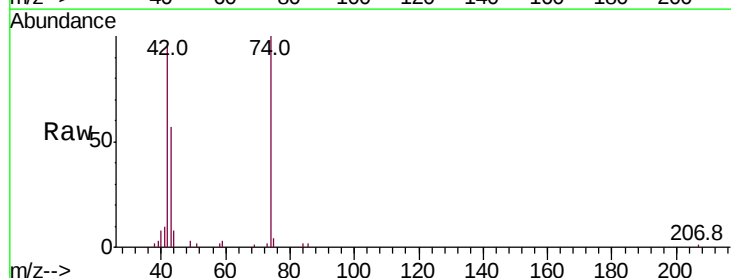
RT: 3.81 min Scan# 122

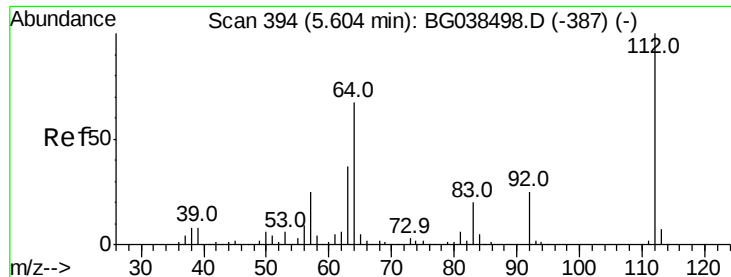
Delta R.T. -0.02 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Tgt Ion:	42	Resp:	30817
Ion	Ratio	Lower	Upper
42	100		
74	105.6	86.7	130.1
44	8.7	7.8	11.8





#5

2-Fluorophenol

Concen: 126.087 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

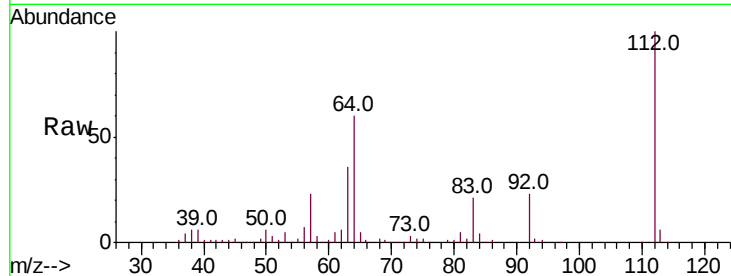
ClientSampleId :

PB116088BSD

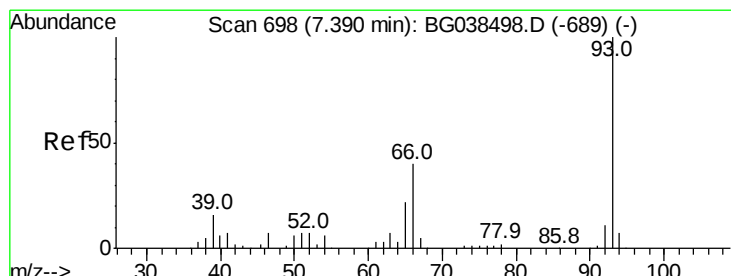
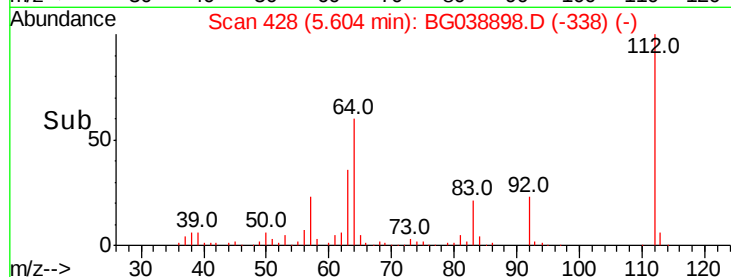
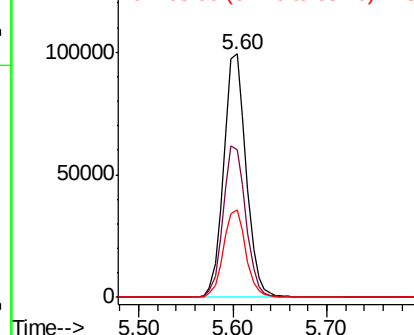
Tot Ion:	112	Resp:	165985
Ion Ratio	Lower	Upper	
112	100		
64	60.4	53.4	80.2
63	35.8	29.3	43.9

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



#6

Aniline

Concen: 30.579 ng

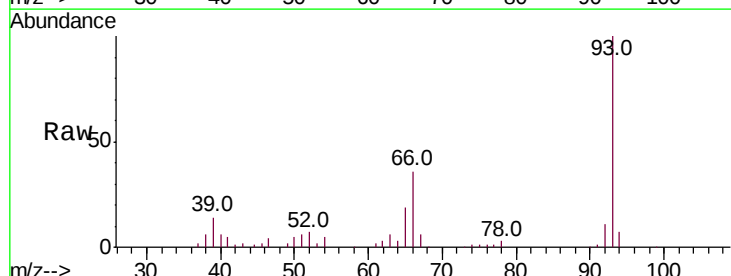
RT: 7.37 min Scan# 729

Delta R.T. -0.02 min

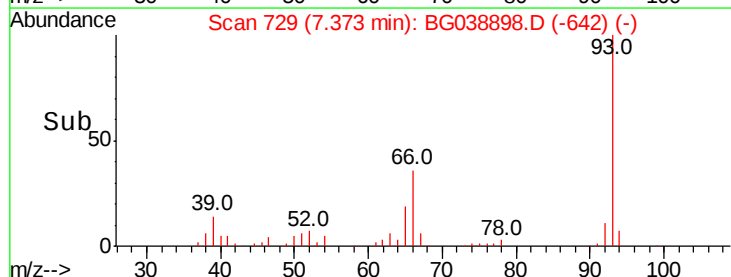
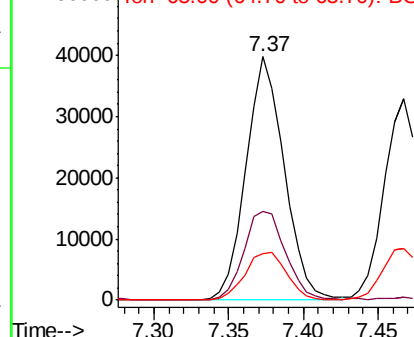
Lab File: BG038898.D

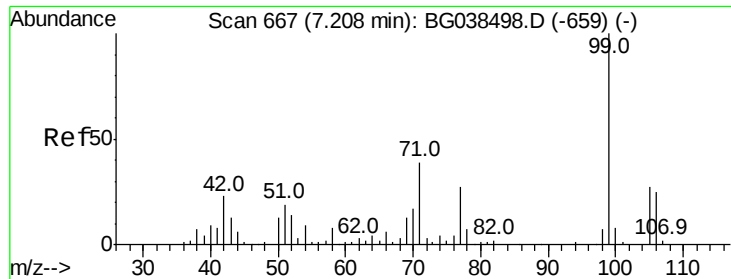
Acq: 2 Jan 2019 18:56

Tgt Ion:	93	Resp:	70546
Ion Ratio	Lower	Upper	
93	100		
66	36.4	31.7	47.5
65	19.2	17.8	26.6



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





#7

Phenol-d6

Concen: 125.046 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

Tot Ion: 99 Resp: 225985

Ion Ratio Lower Upper

99 100

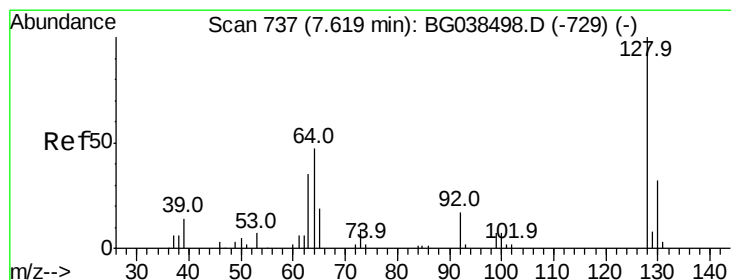
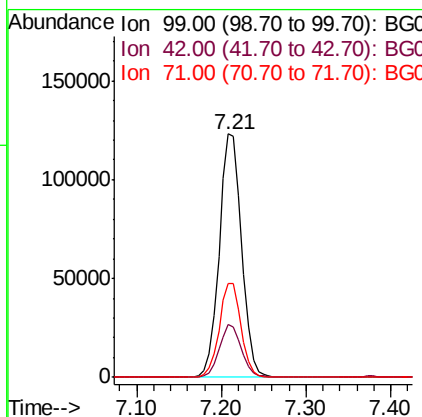
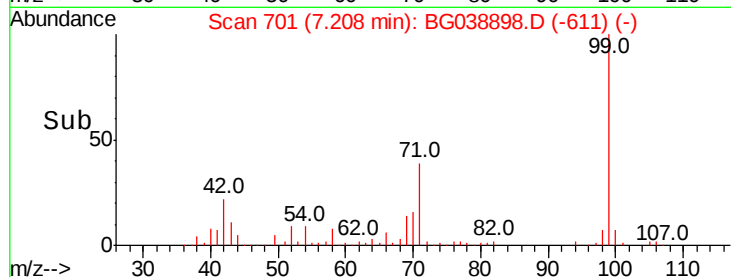
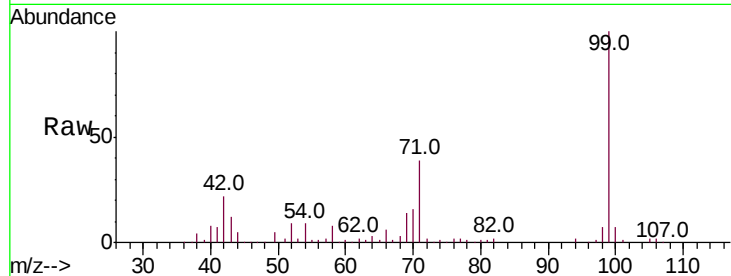
42 21.6 18.5 27.7

71 38.7 31.1 46.7

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#8

2-Chlorophenol

Concen: 46.152 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

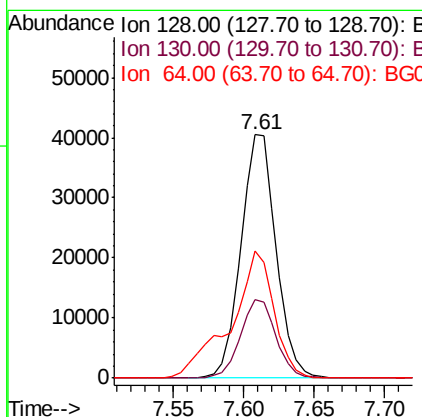
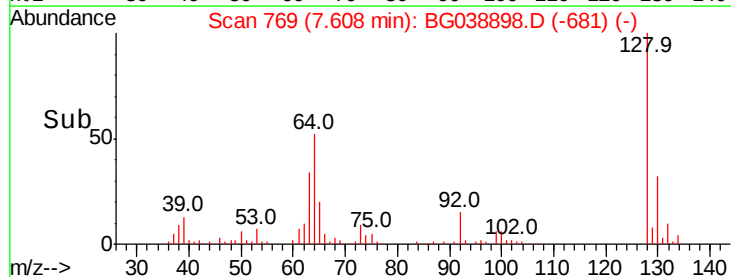
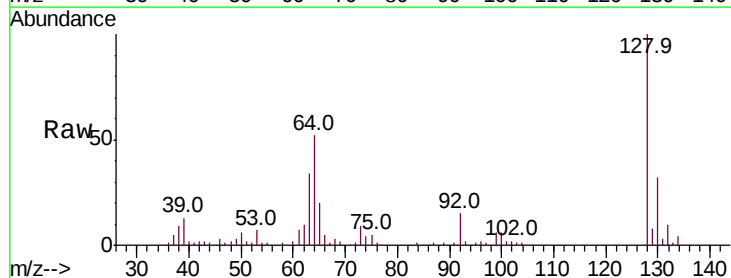
Tgt Ion: 128 Resp: 70309

Ion Ratio Lower Upper

128 100

130 32.0 11.8 51.8

64 52.3 33.2 73.2





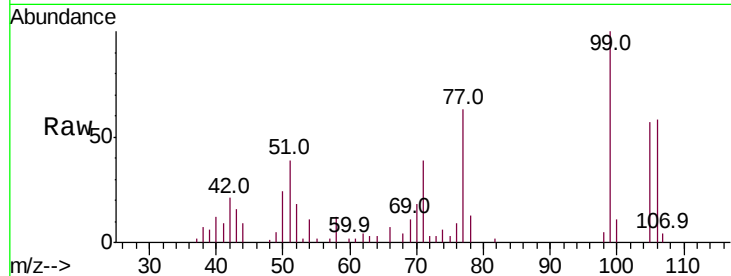
#9
Benzaldehyde
Concen: 13.021 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleID :
PB116088BSD

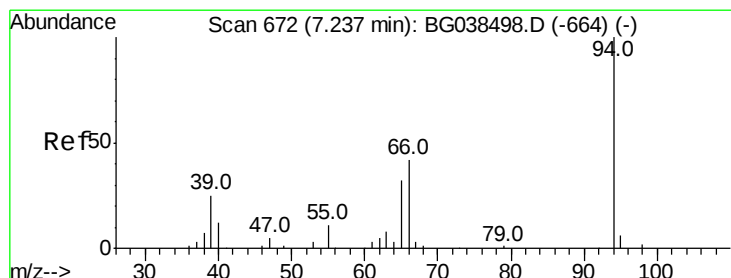
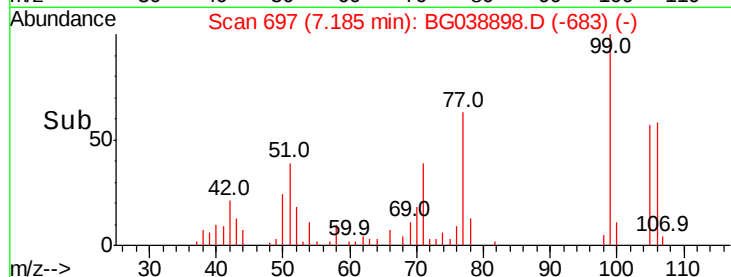
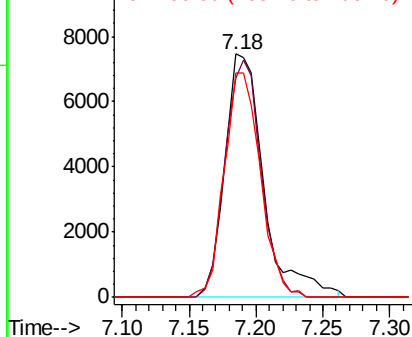
Tot Ion: 77 Resp: 15265
Ion Ratio Lower Upper
77 100
105 90.1 74.0 114.0
106 92.0 73.9 113.9

Manual Integrations
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1/3/2019 11:16:17 AM



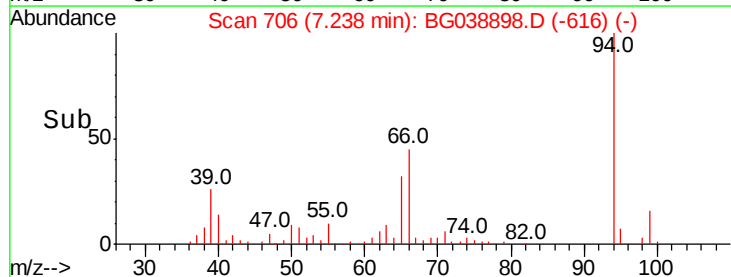
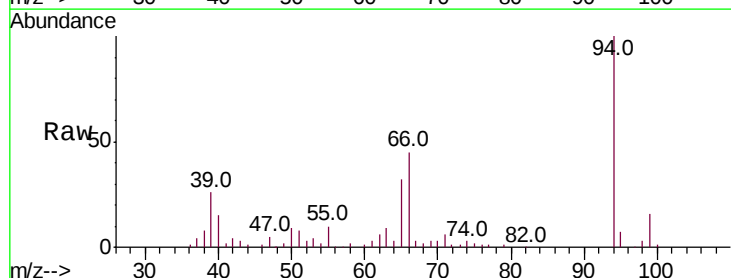
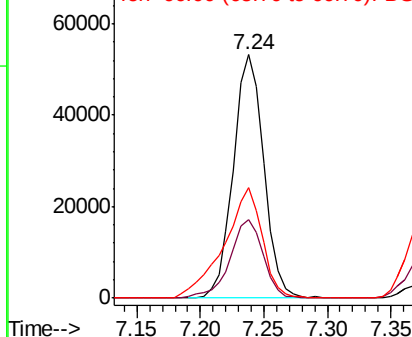
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10
Phenol
Concen: 46.024 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion: 94 Resp: 88366
Ion Ratio Lower Upper
94 100
65 32.1 12.6 52.6
66 45.3 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: 36.309 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

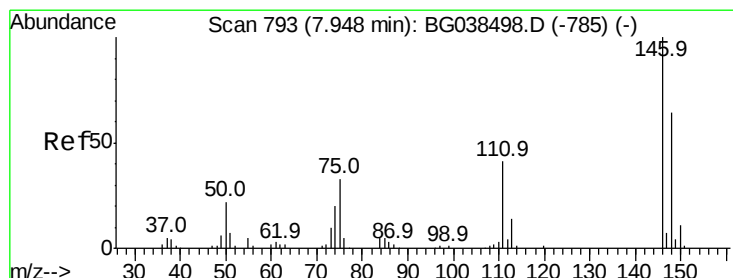
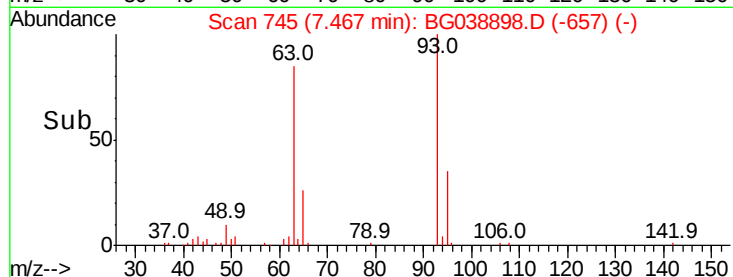
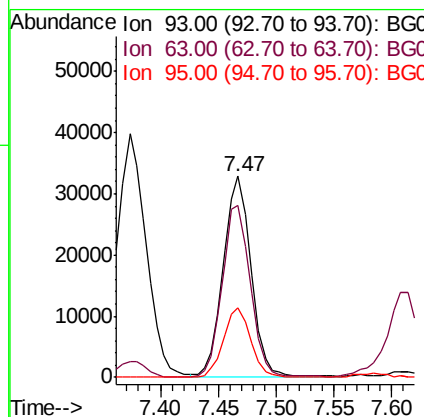
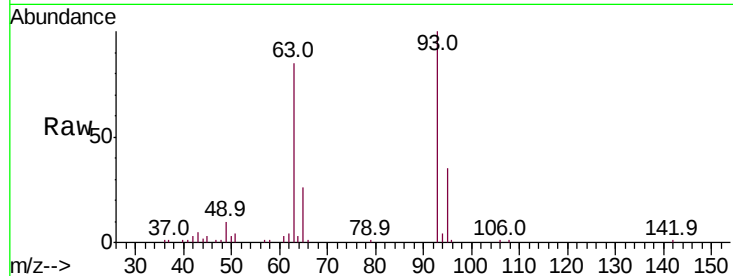
ClientSampleId :

PB116088BSD

Tot Ion:	93	Resp:	55503
Ion	Ratio	Lower	Upper
93	100		
63	85.5	72.2	112.2
95	34.8	11.2	51.2

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#12

1,3-Dichlorobenzene

Concen: 39.835 ng

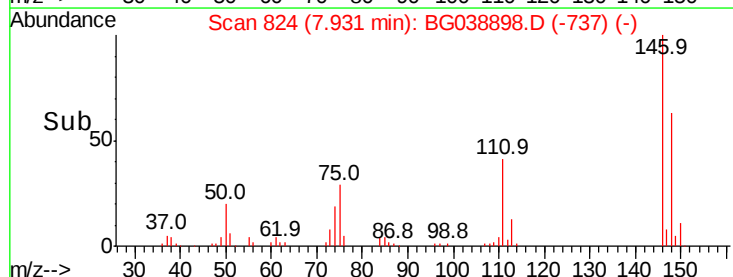
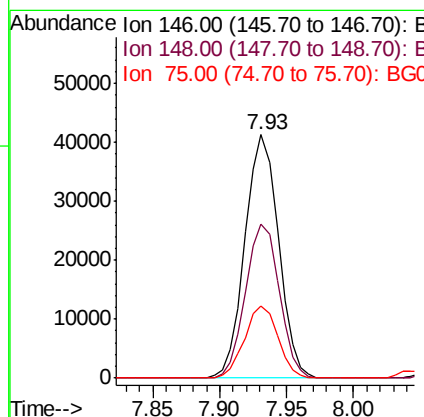
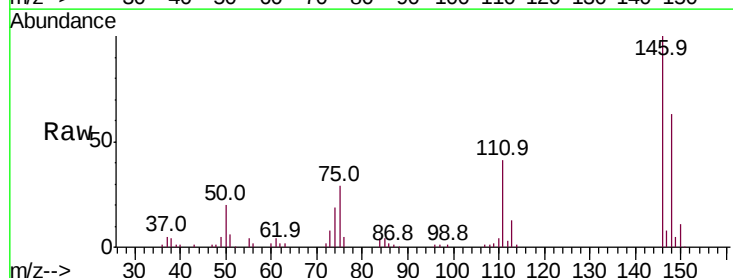
RT: 7.93 min Scan# 824

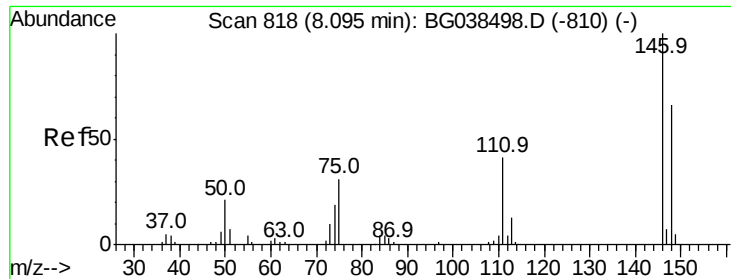
Delta R.T. -0.02 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Tgt Ion:	146	Resp:	71754
Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
75	29.4	26.1	39.1





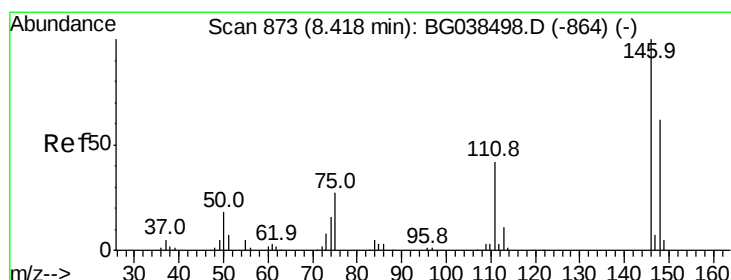
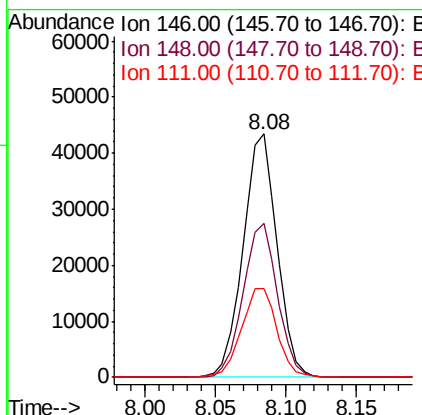
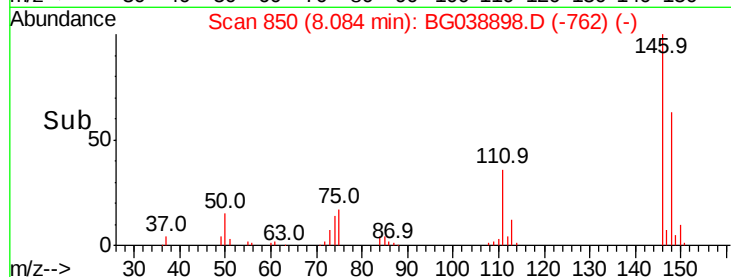
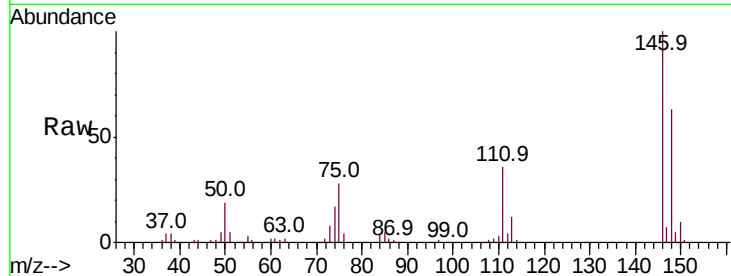
#13
1,4-Dichlorobenzene
Concen: 39.620 ng
RT: 8.08 min Scan# 850
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB116088BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.4	78.6
111	36.2	33.0	49.4

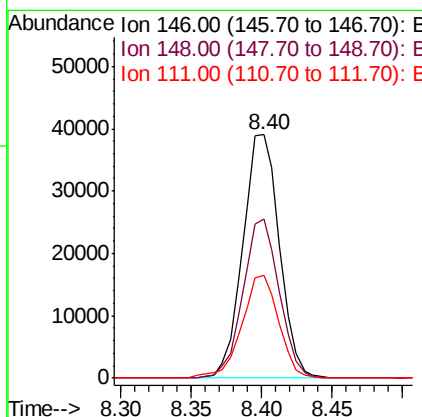
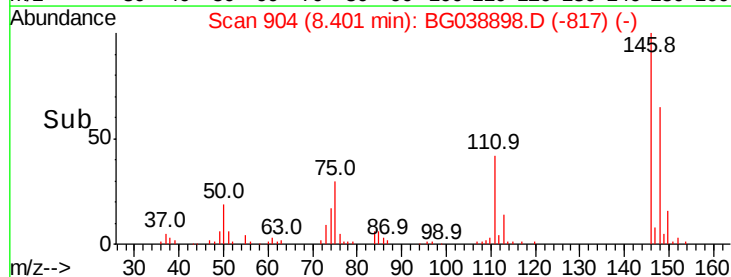
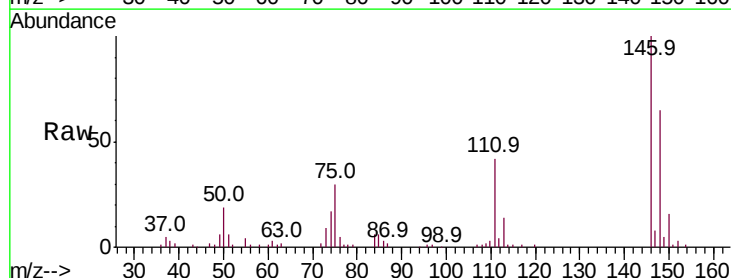
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#14
1,2-Dichlorobenzene
Concen: 40.778 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	49.4	74.0
111	42.0	33.8	50.6





#15

Benzyl Alcohol

Concen: 44.175 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

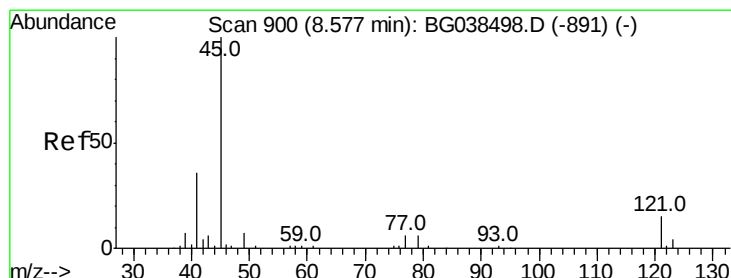
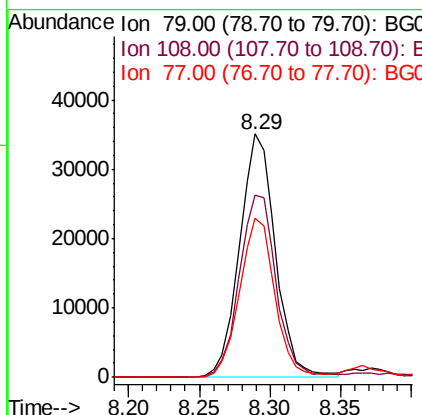
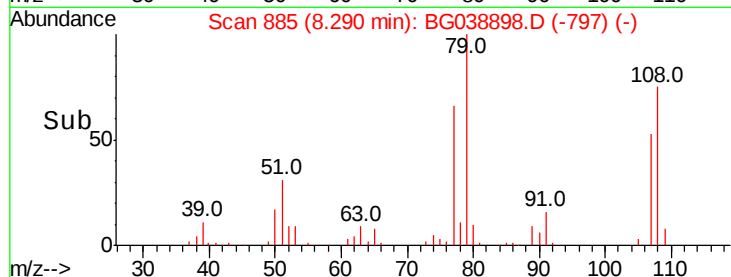
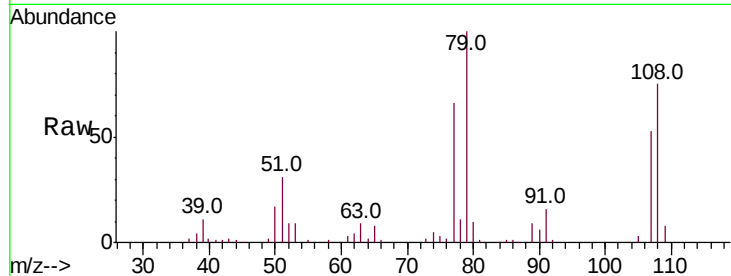
ClientSampleId :

PB116088BSD

Tot Ion:	79	Resp:	62313
Ion Ratio	Lower	Upper	
79	100		
108	74.7	60.2	90.4
77	65.6	50.7	76.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.623 ng

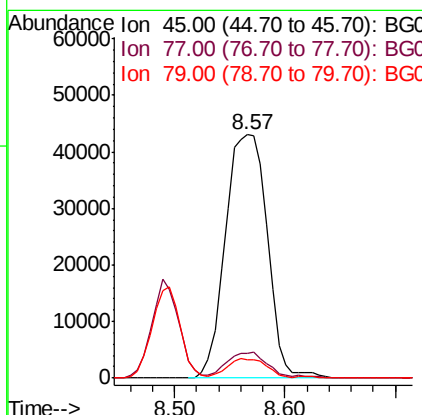
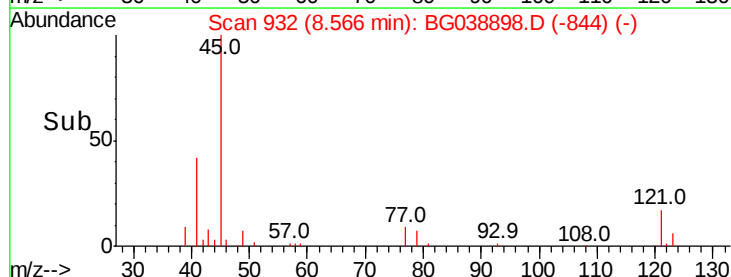
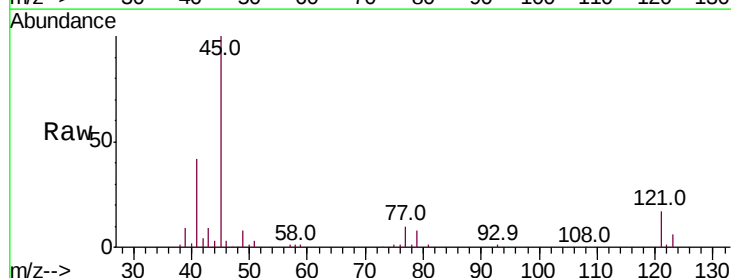
RT: 8.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Tgt Ion:	45	Resp:	114236
Ion Ratio	Lower	Upper	
45	100		
77	10.0	0.0	28.2
79	7.7	0.0	27.2





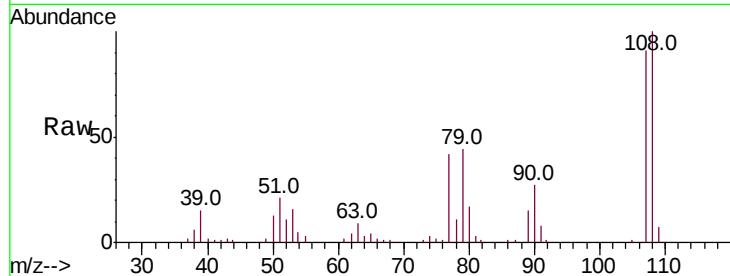
#17
2-Methylphenol
Concen: 46.994 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB116088BSD

Tot Ion:	107	Resp:	60451
Ion	Ratio	Lower	Upper
107	100		
108	110.5	87.1	130.7
77	46.8	42.0	63.0
79	48.3	38.2	57.2

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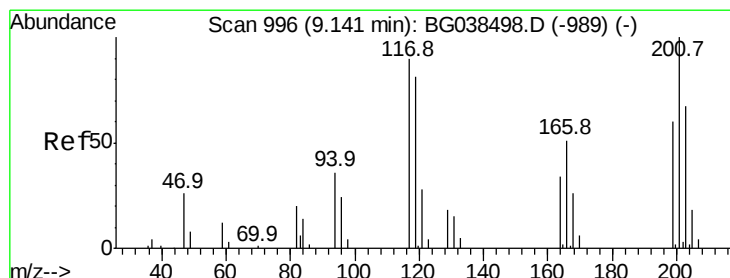
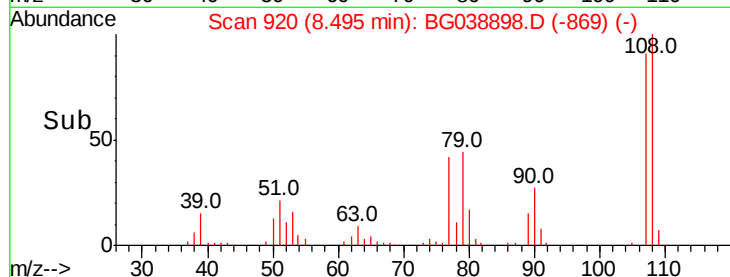
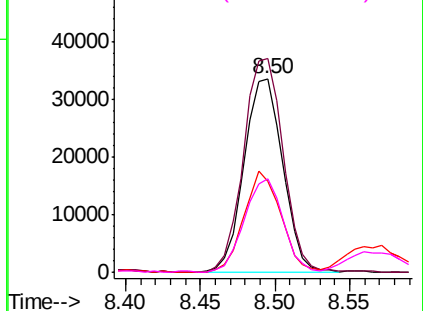
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.267 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

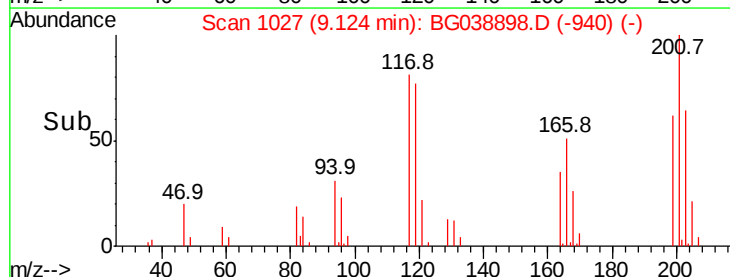
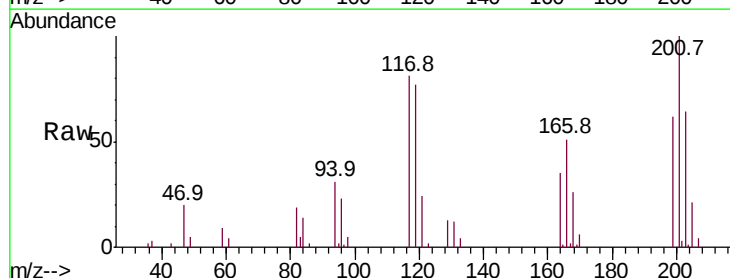
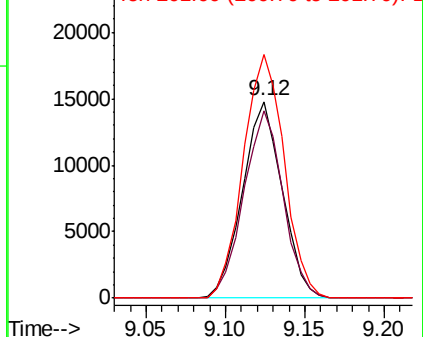
Tgt Ion:	117	Resp:	25796
Ion	Ratio	Lower	Upper
117	100		
119	95.1	73.8	110.8
201	127.9	89.4	134.0

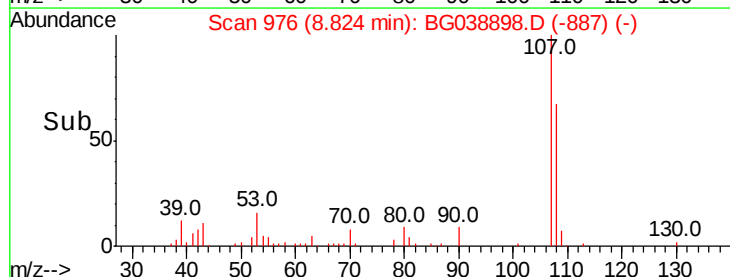
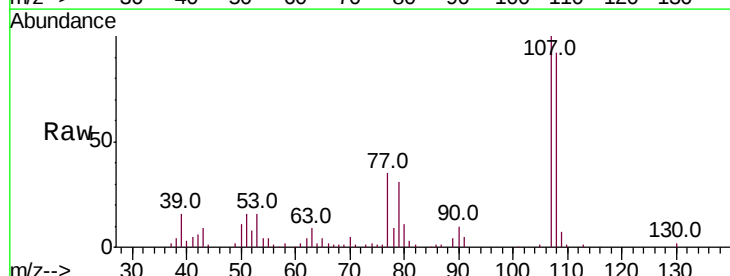
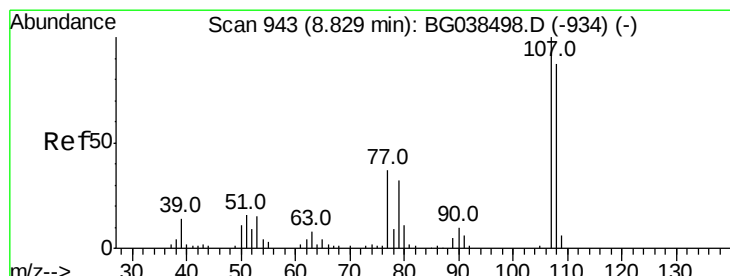
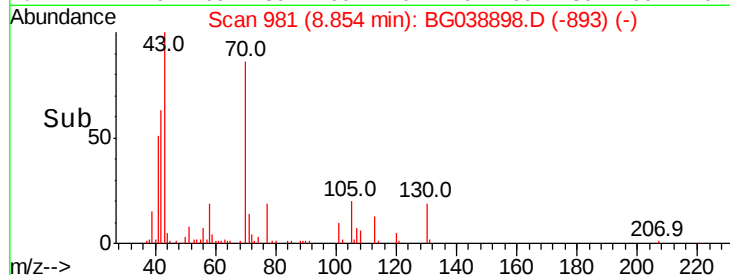
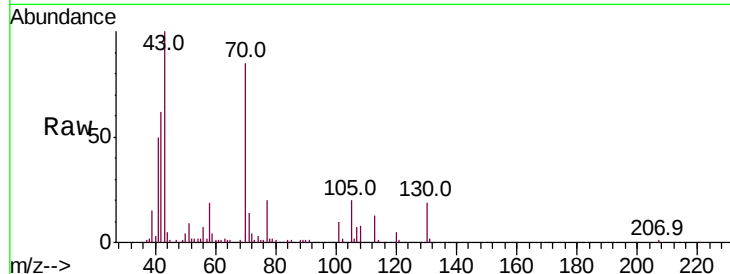
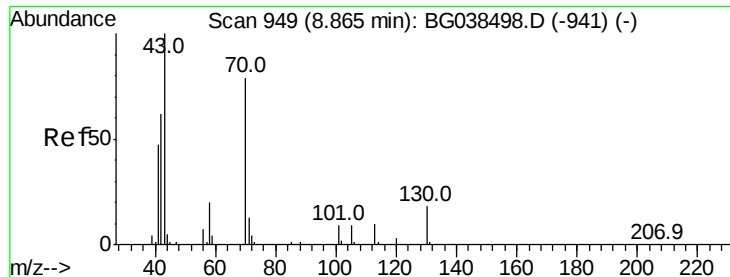
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





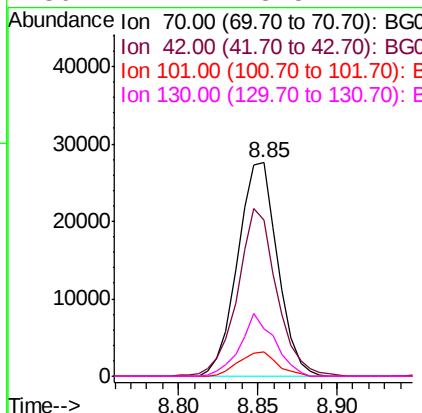
#19
n-Nitroso-di-n-propylamine
Concen: 38.075 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB116088BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	73.1	63.6	95.4	
101	11.6	9.2	13.8	
130	22.4	18.5	27.7	

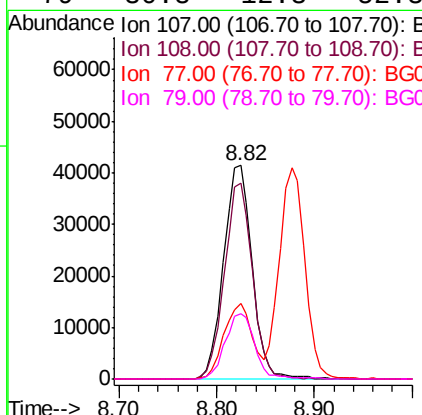
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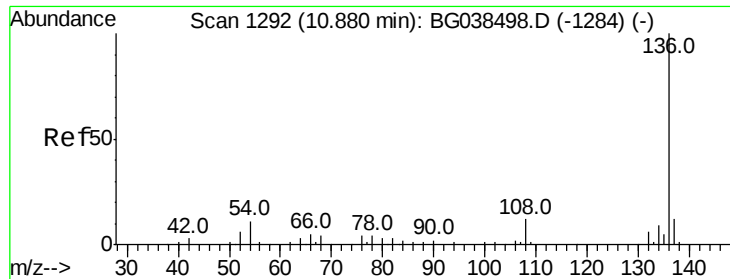
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#20
3+4-Methylphenols
Concen: 47.235 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.5	66.7	106.7	
77	35.3	17.3	57.3	
79	30.8	12.3	52.3	





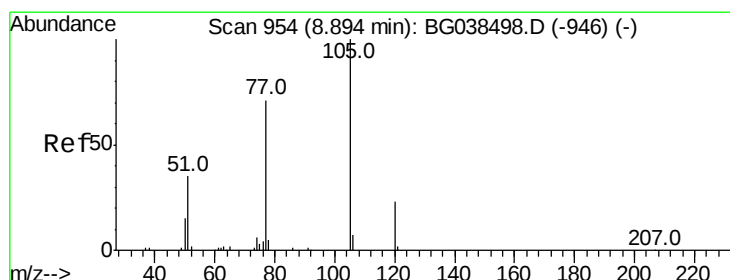
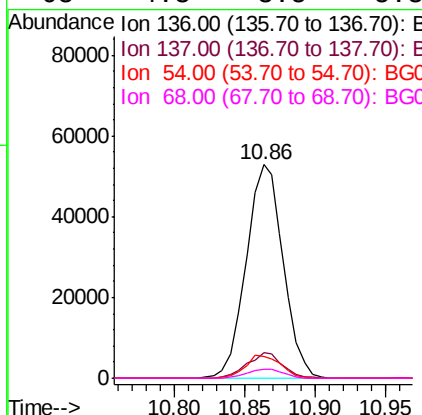
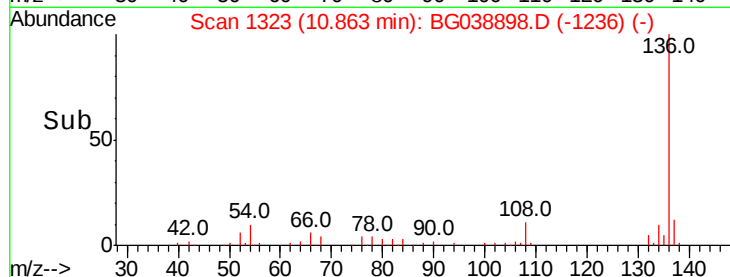
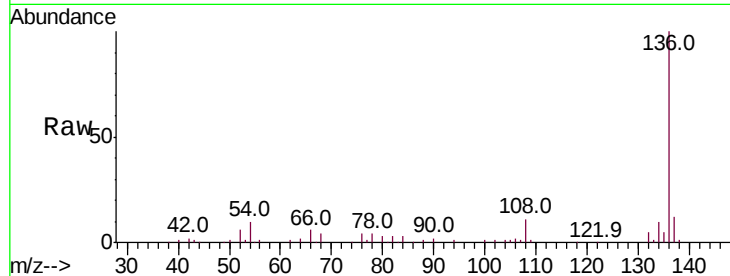
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB116088BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	10.3	8.5	12.7
68	4.3	3.5	5.3

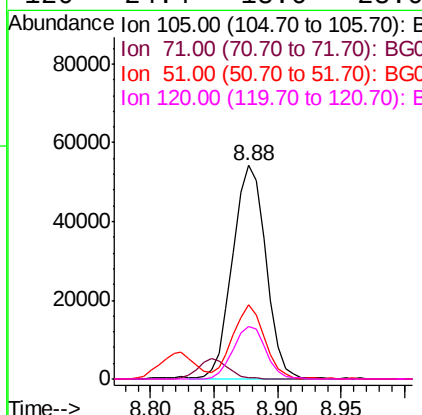
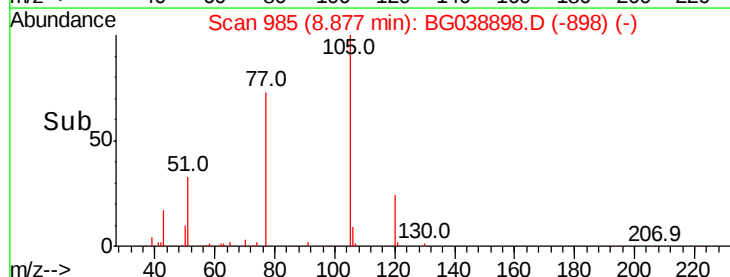
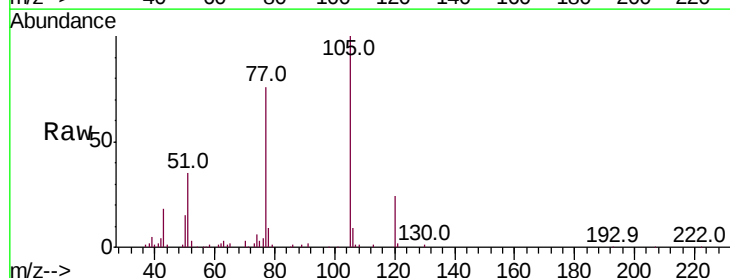
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#22
Acetophenone
Concen: 40.799 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.4	0.6
51	34.8	30.6	46.0
120	24.4	18.6	28.0





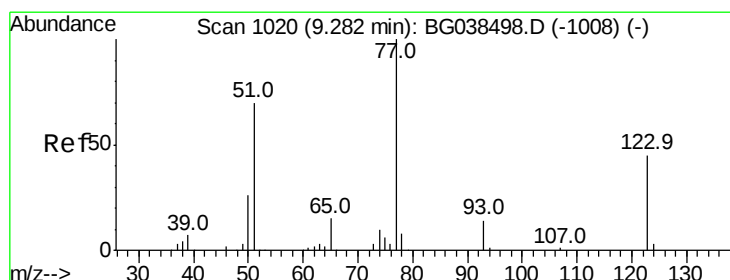
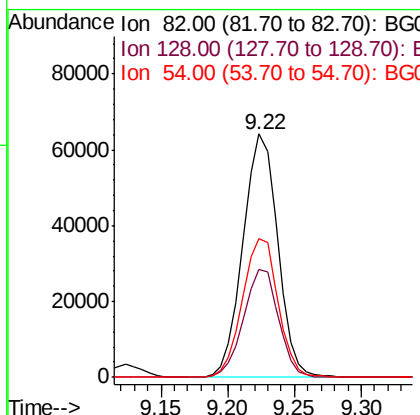
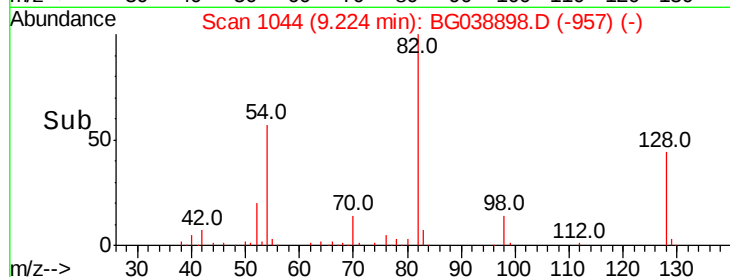
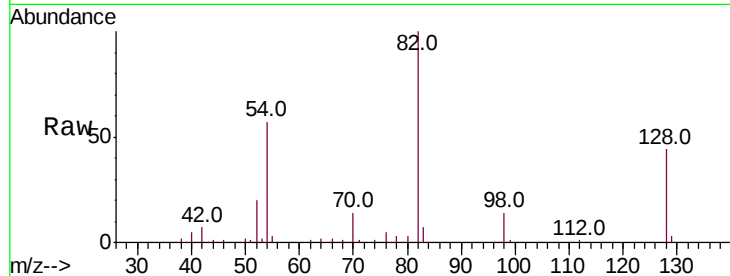
#23
 Nitrobenzene-d5
 Concen: 60.715 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	52.0
54	56.8	50.6	76.0

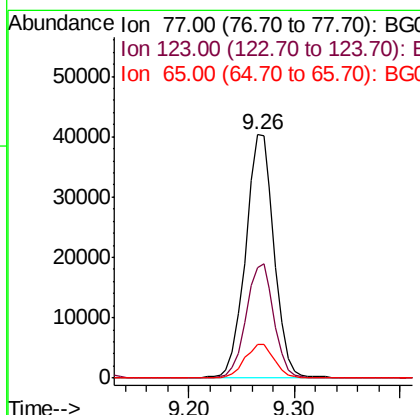
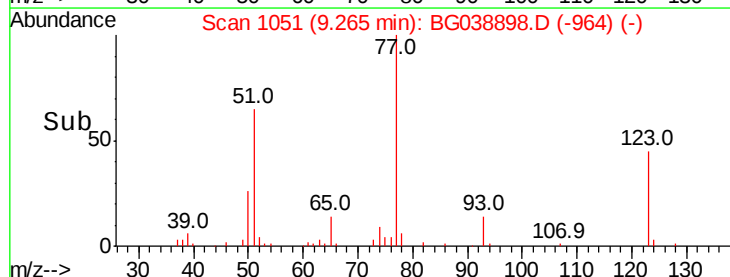
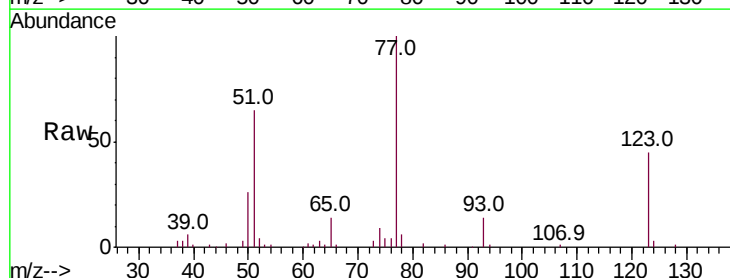
Manual Integrations
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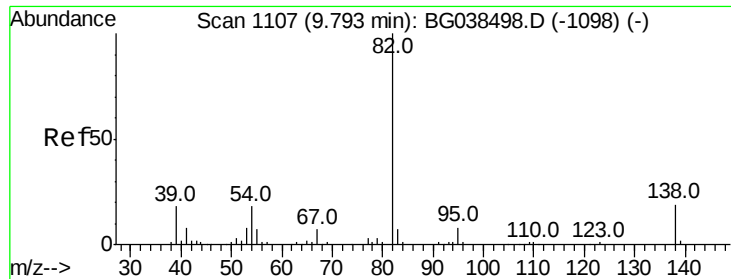
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#24
 Nitrobenzene
 Concen: 39.306 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	35.9	53.9
65	13.7	12.0	18.0





#25

Isophorone

Concen: 41.488 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

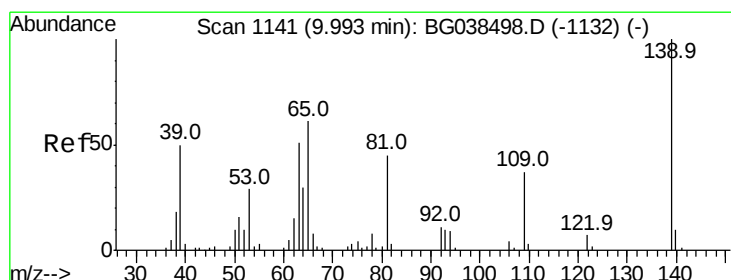
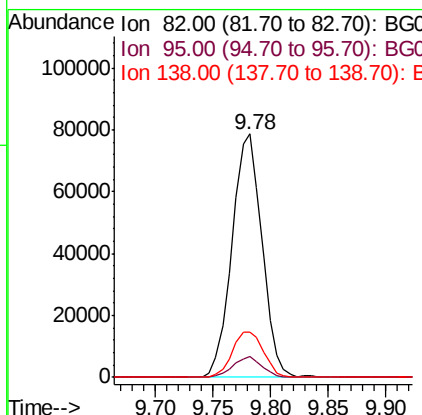
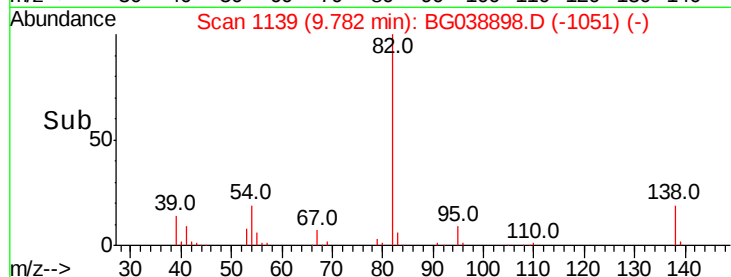
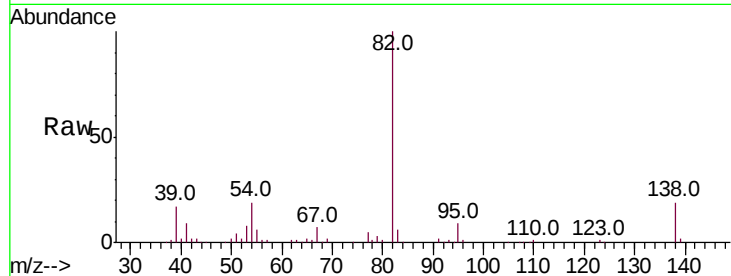
ClientSampleId :

PB116088BSD

Tot Ion:	82	Resp:	141670
Ion Ratio	Lower	Upper	
82	100		
95	8.8	6.1	9.1
138	18.7	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.122 ng

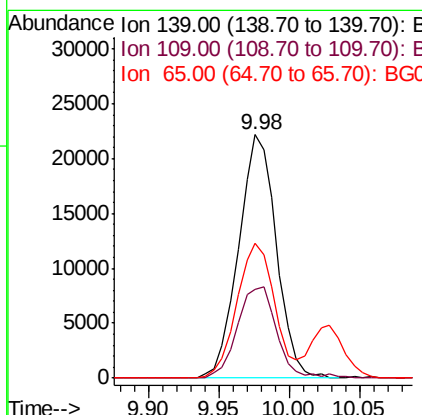
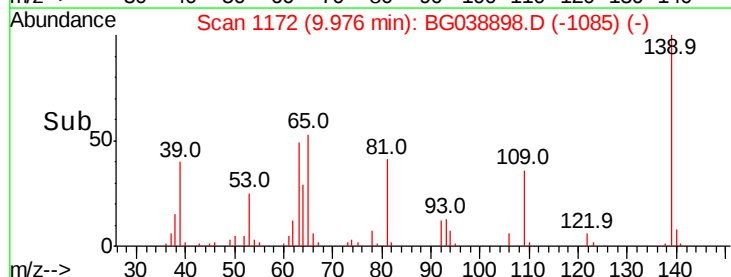
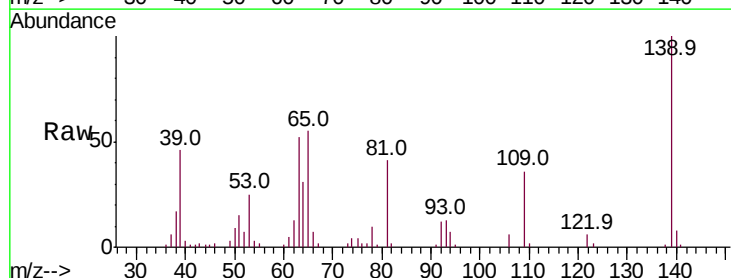
RT: 9.98 min Scan# 1172

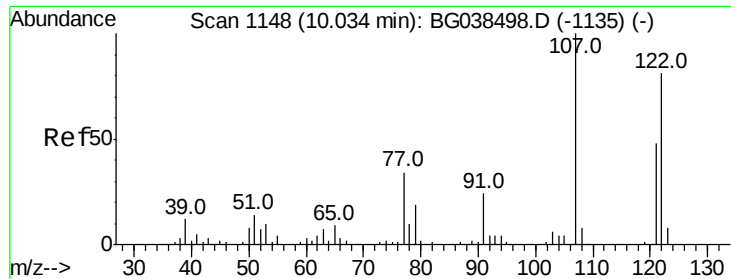
Delta R.T. -0.02 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Tgt Ion:	139	Resp:	41450
Ion Ratio	Lower	Upper	
139	100		
109	36.2	29.5	44.3
65	55.4	48.5	72.7





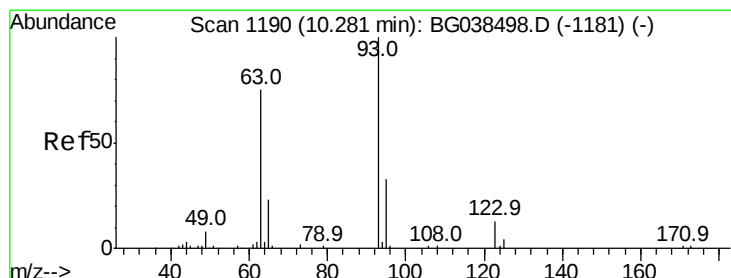
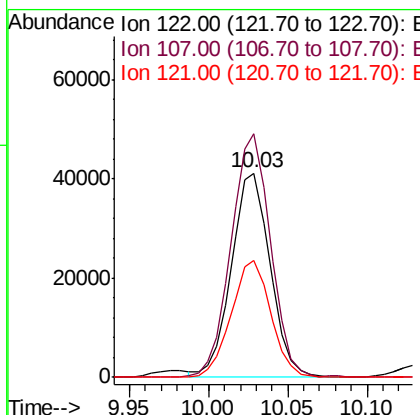
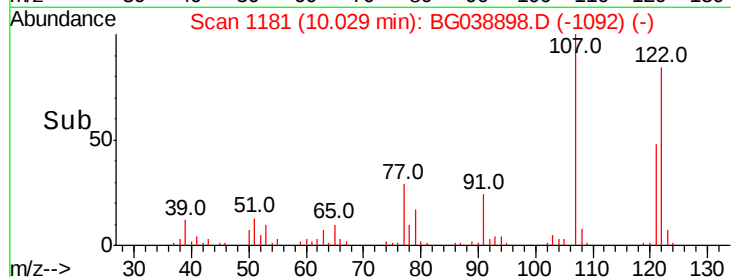
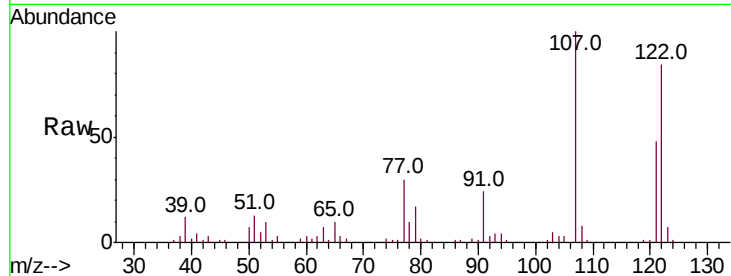
#27
 2,4-Dimethylphenol
 Concen: 49.658 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.3	98.4	147.6
121	57.2	47.2	70.8

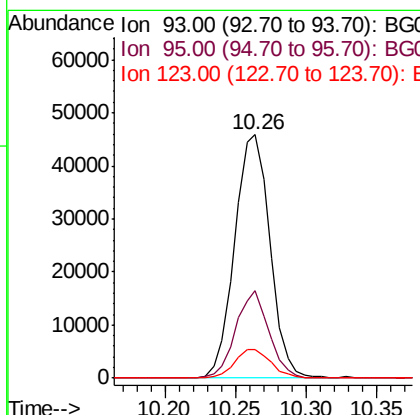
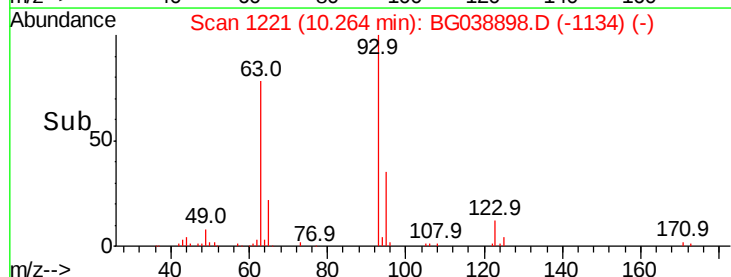
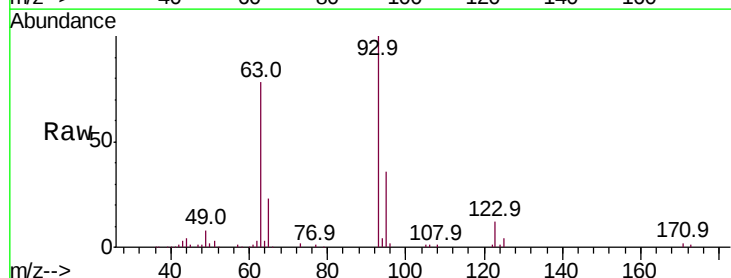
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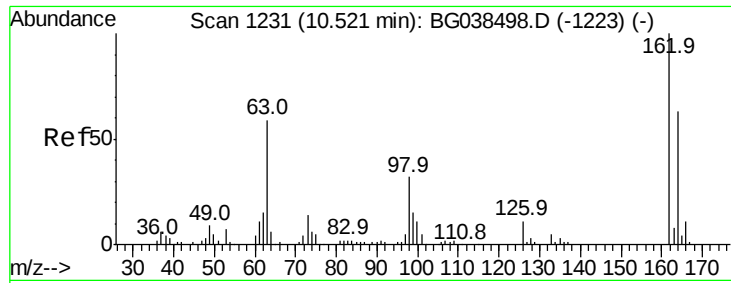
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.552 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	36.0	26.6	40.0
123	11.9	10.6	16.0





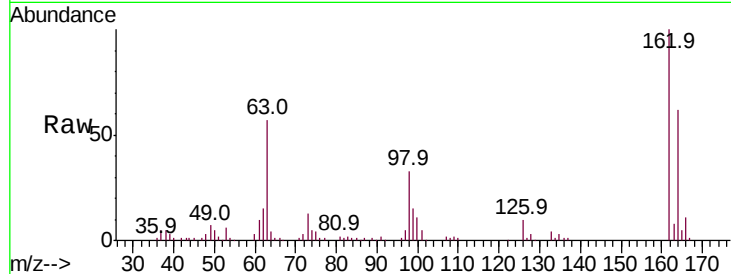
#29
 2,4-Dichlorophenol
 Concen: 51.892 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

Tot Ion:	162	Resp:	81415
Ion Ratio	Lower	Upper	
162	100		
164	62.1	42.9	82.9
98	32.7	12.1	52.1

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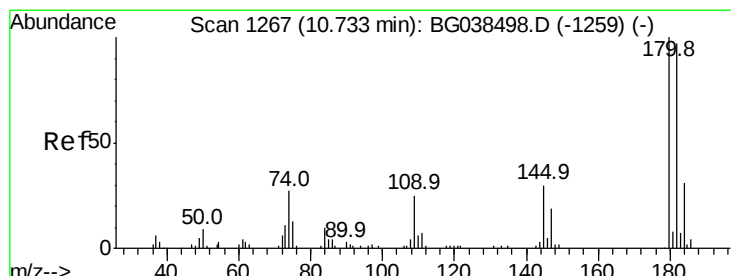
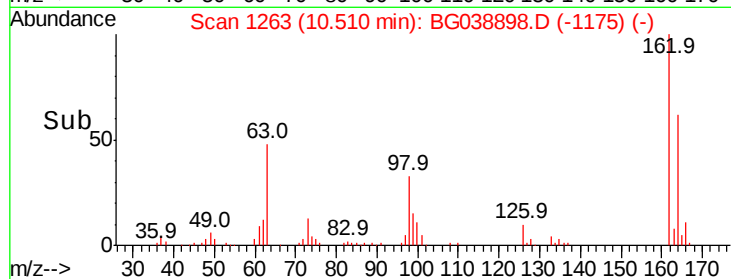
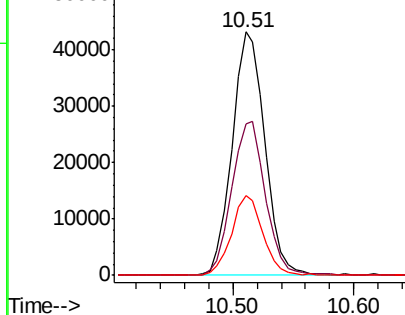


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 43.238 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

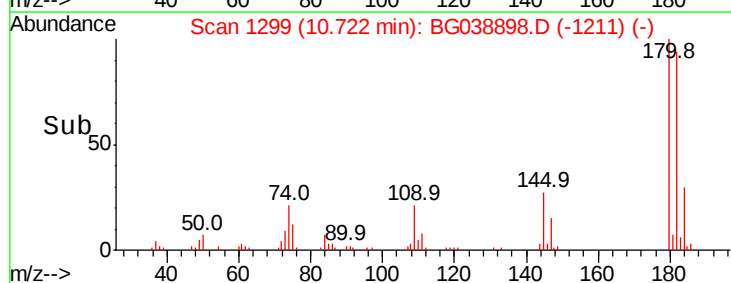
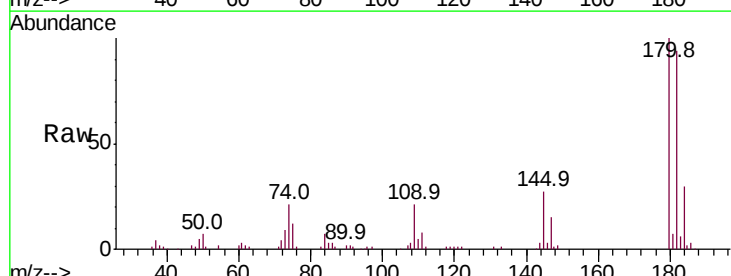
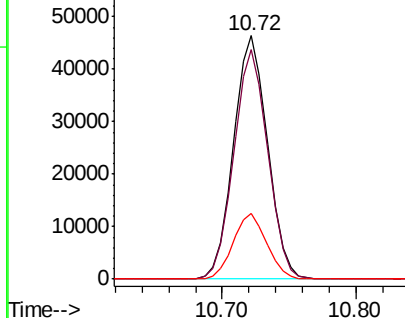
Tgt Ion:	180	Resp:	81941
Ion Ratio	Lower	Upper	
180	100		
182	94.3	77.4	116.0
145	27.2	24.1	36.1

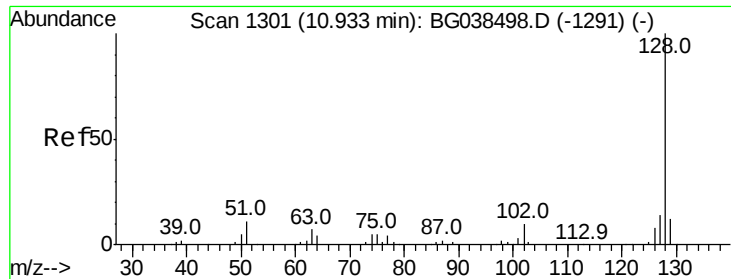
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





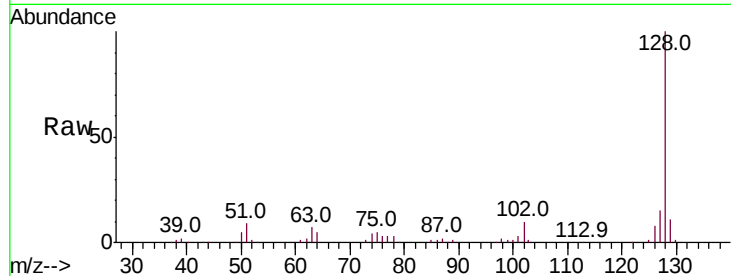
#31
Naphthalene
Concen: 44.711 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB116088BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.5	14.3
127	14.6	10.9	16.3

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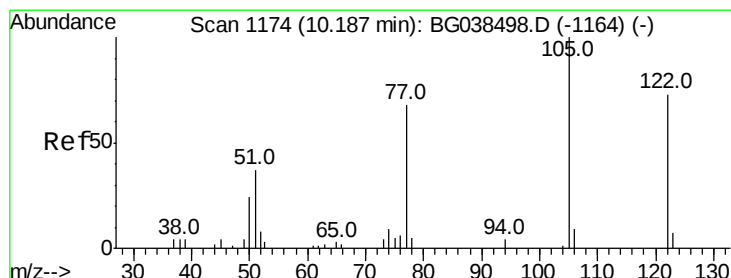
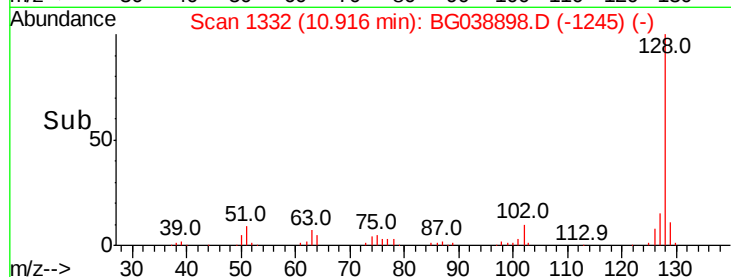
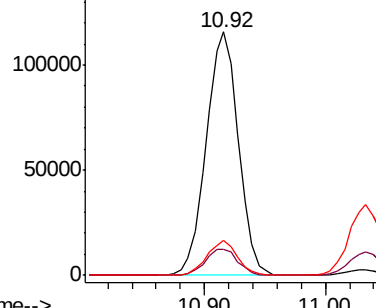


Abundance

Ion 128.00 (127.70 to 128.70): E

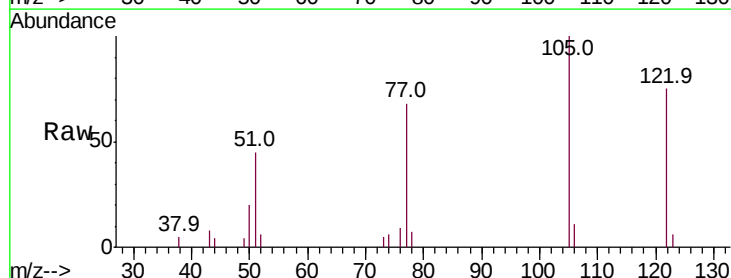
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 20.871 ng m
RT: 10.13 min Scan# 1199
Delta R.T. -0.05 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.7	116.7	156.7
77	91.1	72.5	112.5

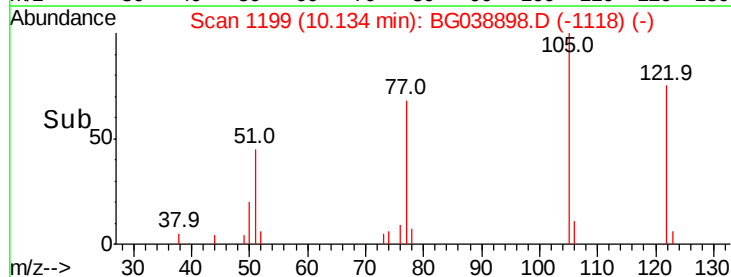
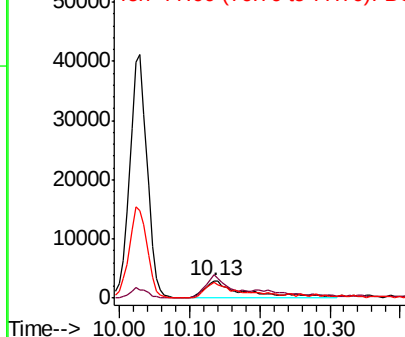


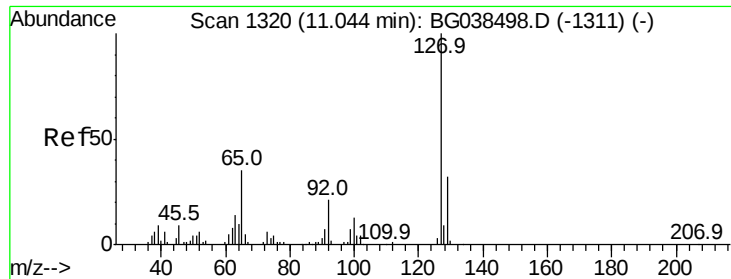
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





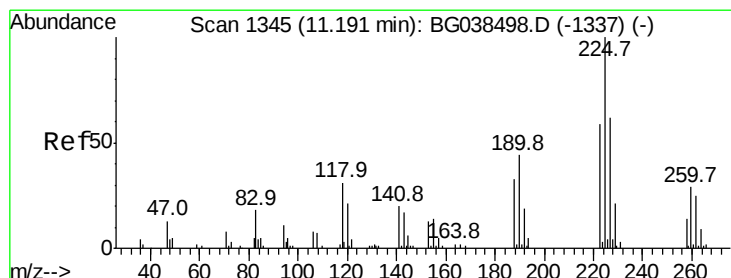
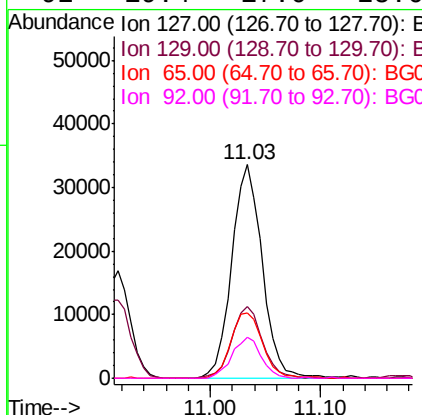
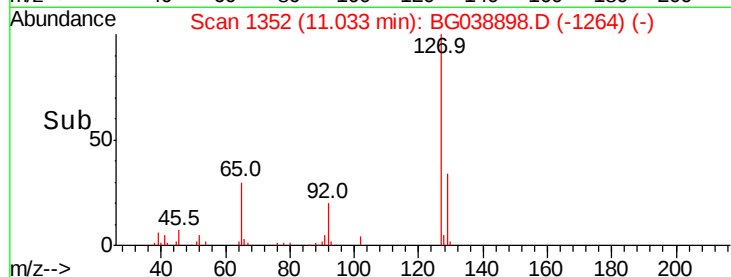
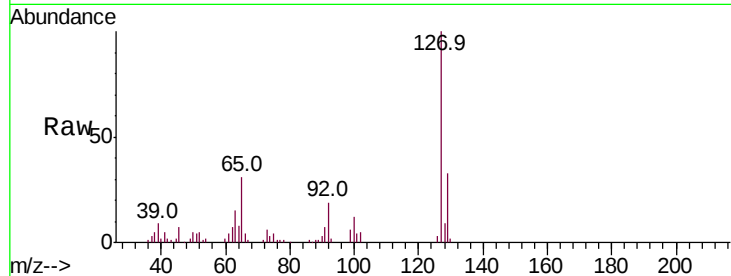
#33
4-Chloroaniline
Concen: 31.453 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB116088BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.8	38.8
65	30.9	27.8	41.6
92	19.4	17.0	25.6

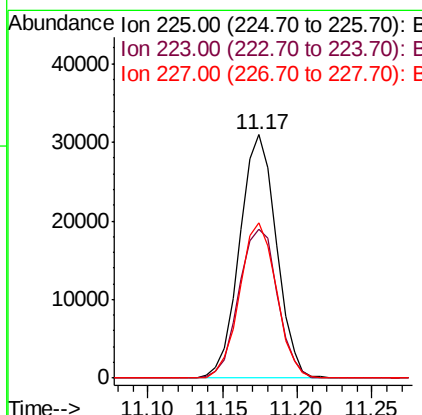
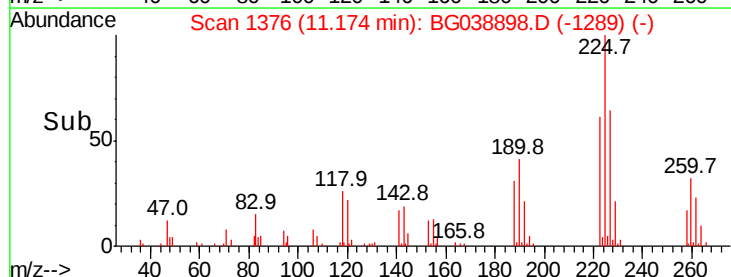
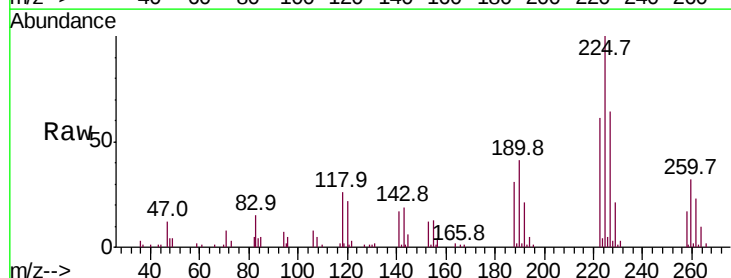
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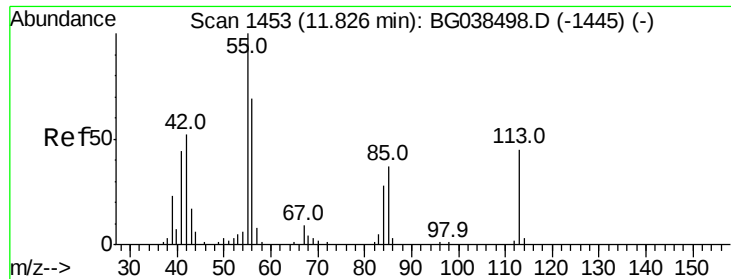
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#34
Hexachlorobutadiene
Concen: 41.098 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	45.0	67.6
227	66.5	50.6	75.8





#35

Caprolactam

Concen: 45.904 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

Tot Ion:113 Resp: 29805

Ion Ratio Lower Upper

113 100

55 184.1 204.3 244.3#

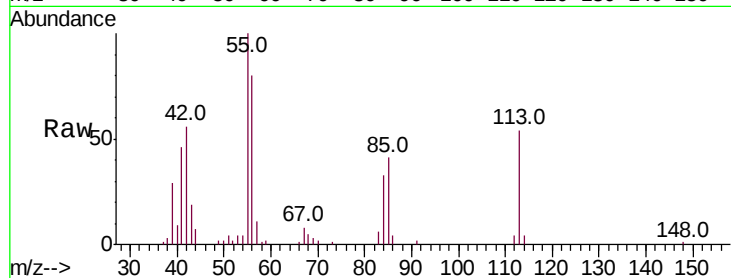
56 147.7 135.0 175.0

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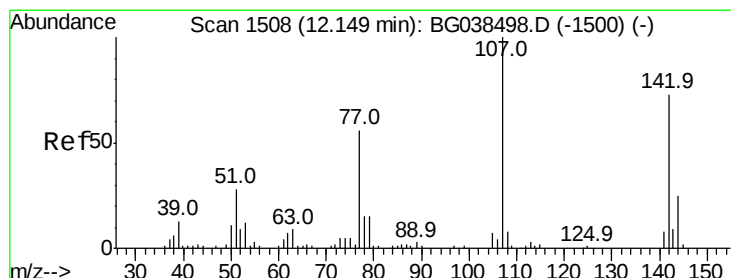
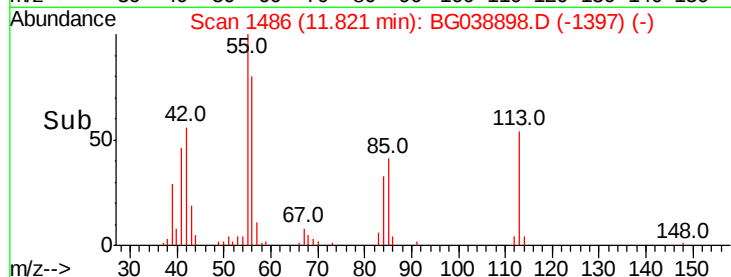
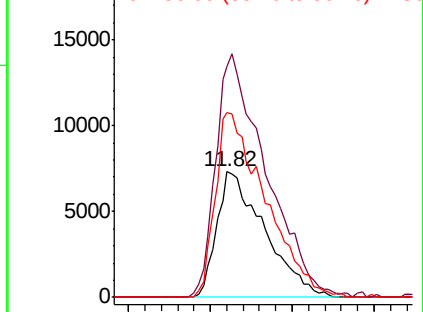
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 48.145 ng

RT: 12.15 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

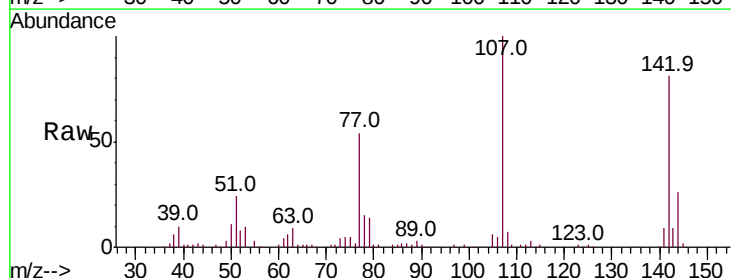
Tgt Ion:107 Resp: 86200

Ion Ratio Lower Upper

107 100

144 25.9 20.1 30.1

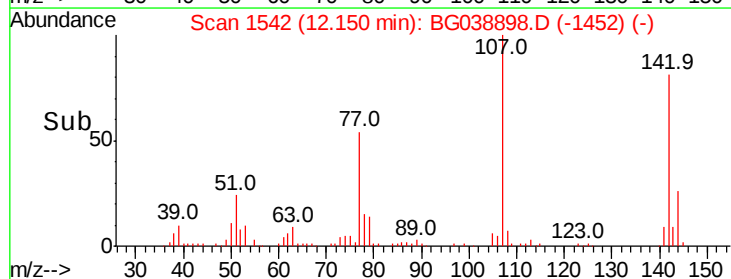
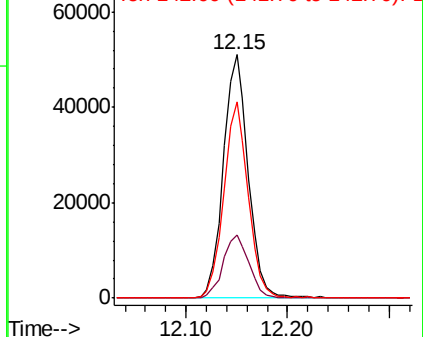
142 80.7 58.7 88.1

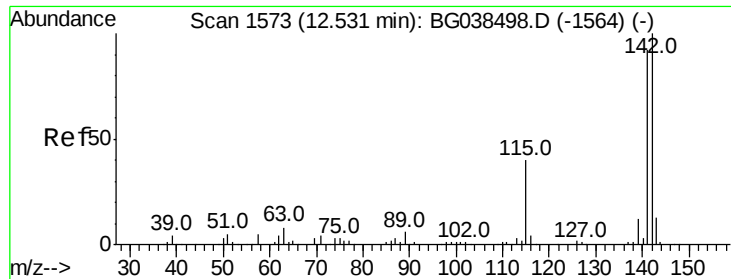


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





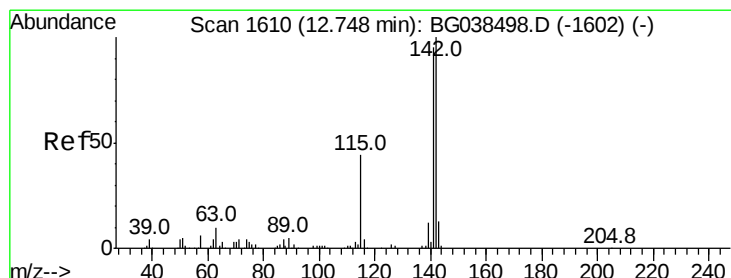
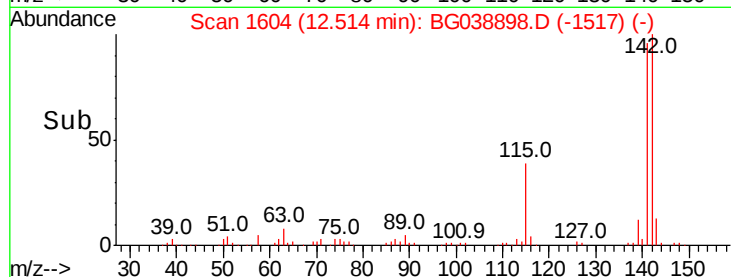
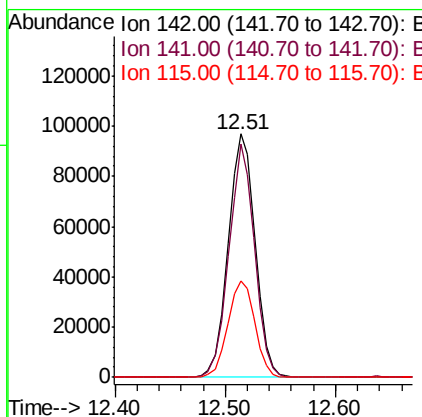
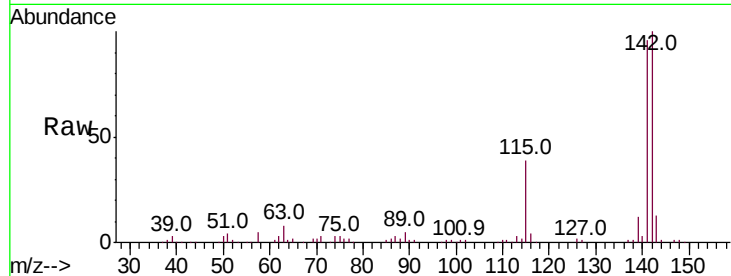
#37
2-Methylnaphthalene
Concen: 48.515 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB116088BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	95.6	73.5	110.3
115	39.5	31.7	47.5

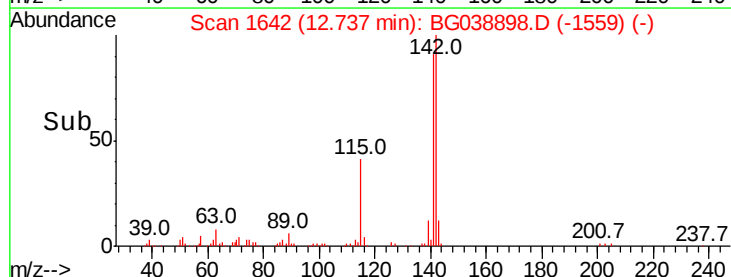
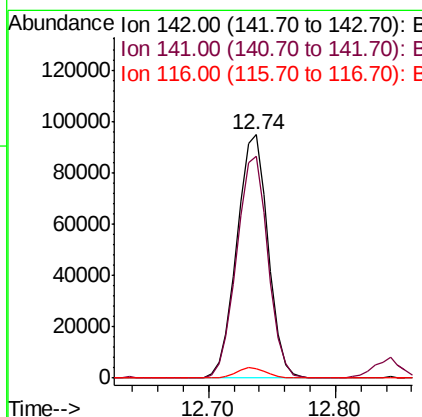
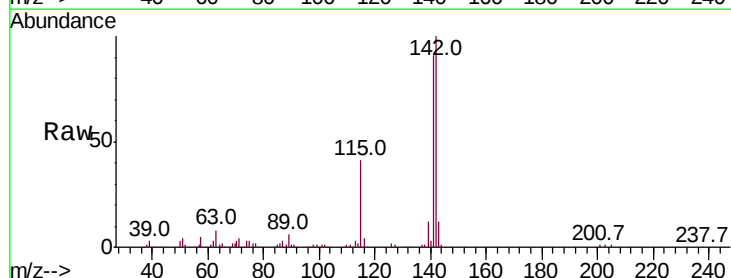
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#38
1-Methylnaphthalene
Concen: 48.720 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	75.8	113.8
116	4.0	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

Tot Ion:164 Resp: 72222

Ion Ratio Lower Upper

164 100

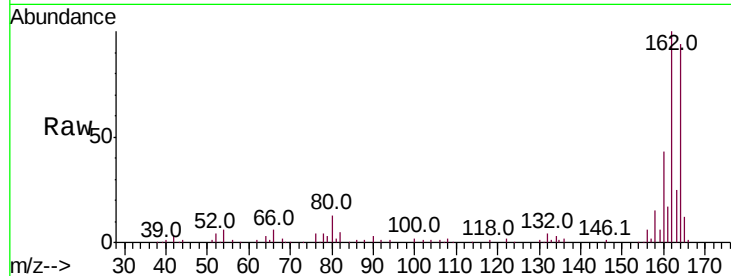
162 106.3 86.6 130.0

160 45.5 34.2 51.2

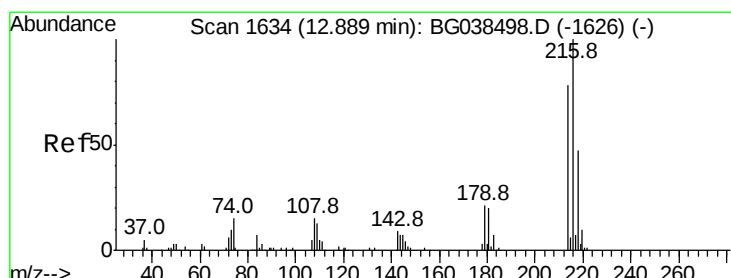
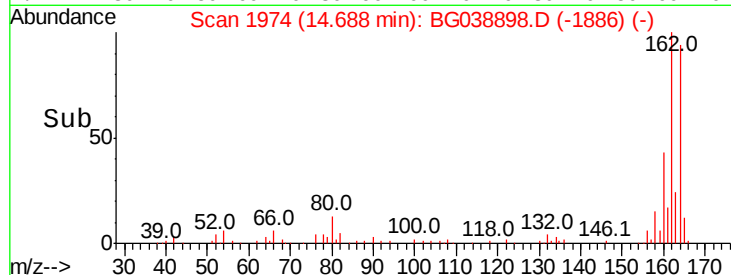
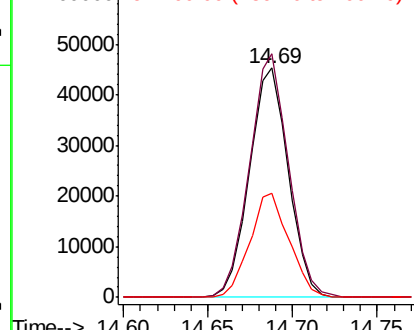
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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.144 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Tgt Ion:216 Resp: 105674

Ion Ratio Lower Upper

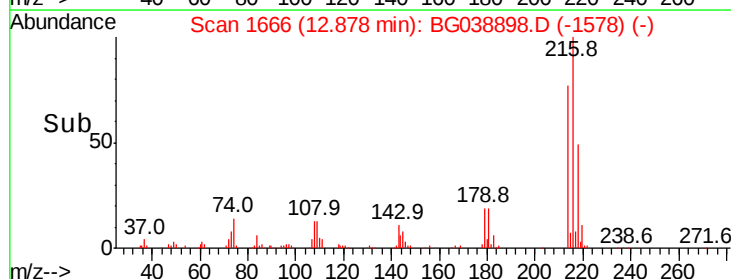
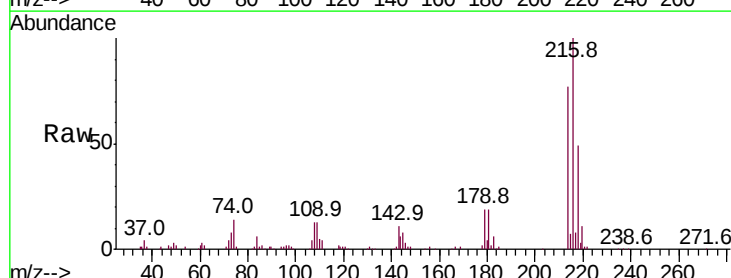
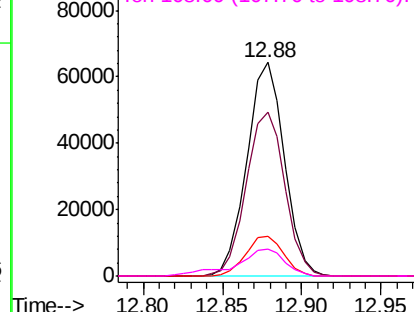
216 100

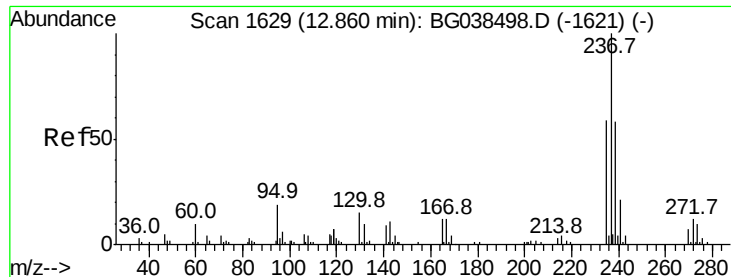
214 79.0 64.1 96.1

179 18.7 16.4 24.6

108 16.2 13.9 20.9

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 79.092 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

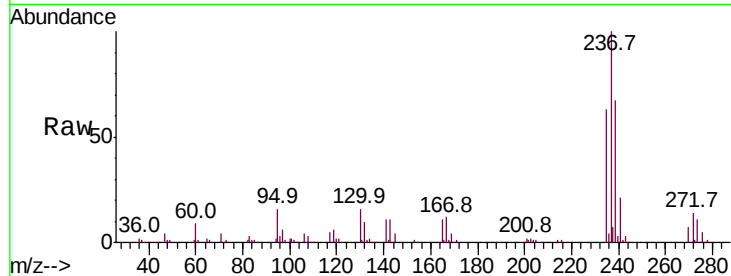
ClientSampleId :

PB116088BSD

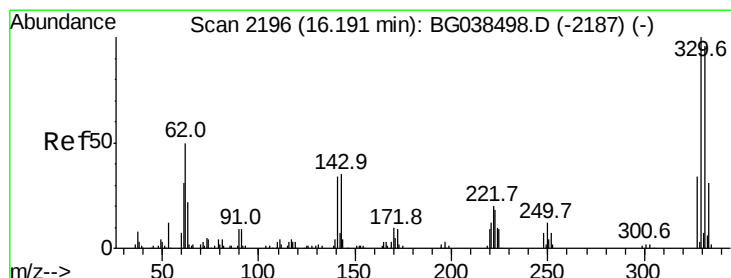
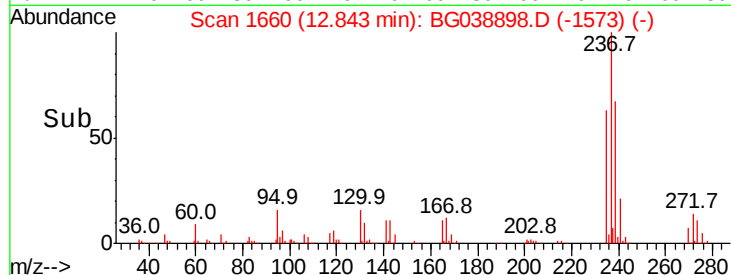
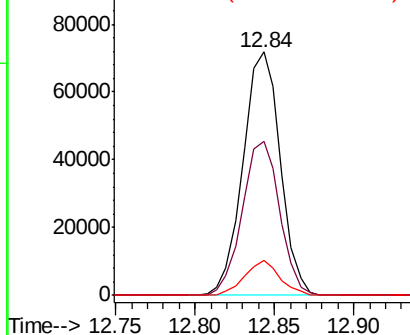
Tot Ion:	237	Resp:	117306
Ion Ratio	Lower	Upper	
237	100		
235	63.2	38.8	78.8
272	14.1	0.0	32.0

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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: 145.255 ng

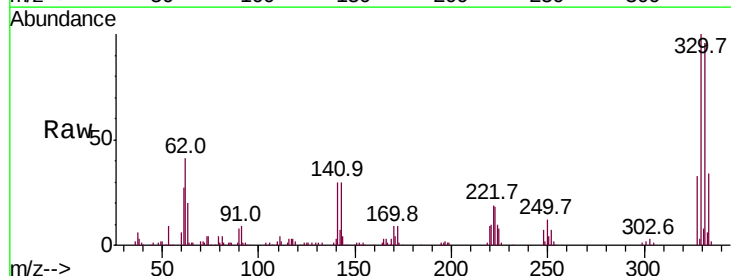
RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

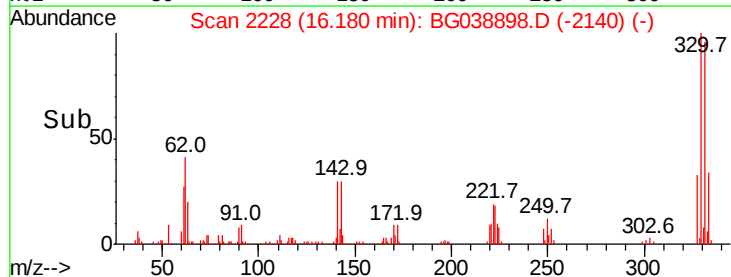
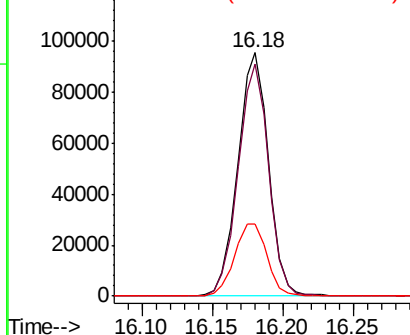
Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Tgt Ion:	330	Resp:	144579
Ion Ratio	Lower	Upper	
330	100		
332	94.8	76.9	115.3
141	31.4	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: 48.100 ng

RT: 13.13 min Scan# 1708

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

Tot Ion:196 Resp: 79842

Ion Ratio Lower Upper

196 100

198 95.5 75.0 112.4

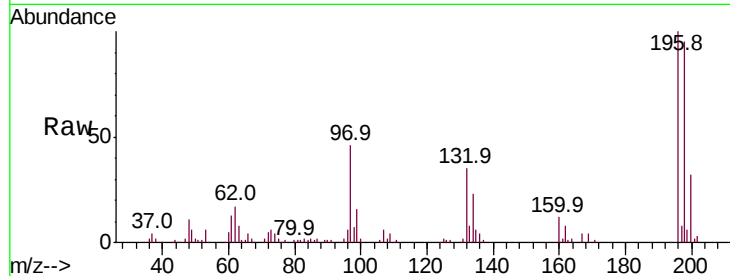
200 31.5 22.4 33.6

Manual Integrations

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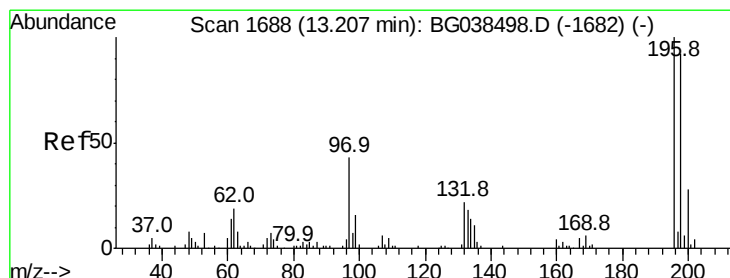
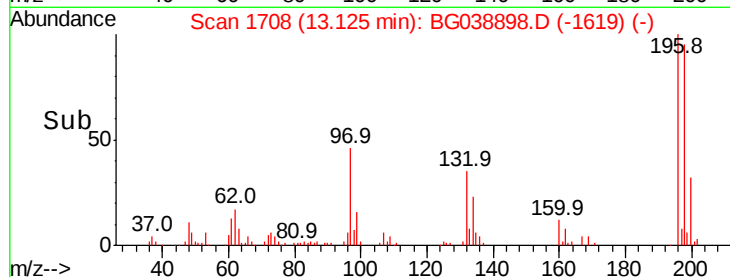
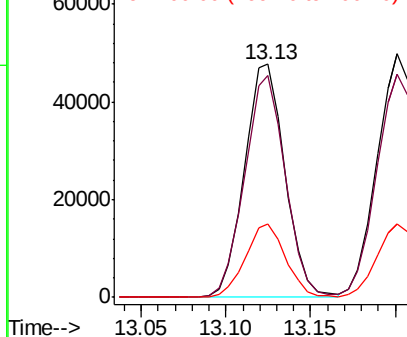


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 49.395 ng

RT: 13.20 min Scan# 1721

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Tgt Ion:196 Resp: 86809

Ion Ratio Lower Upper

196 100

198 91.6 74.0 111.0

97 40.7 35.1 52.7

132 22.3 18.0 27.0

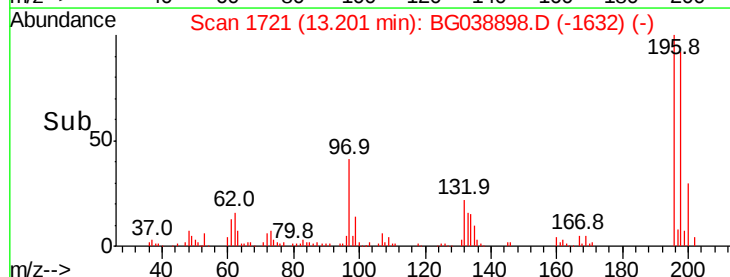
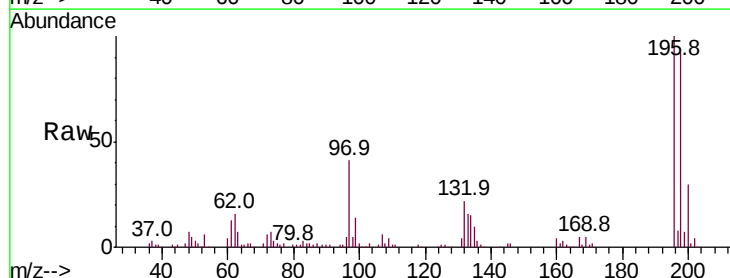
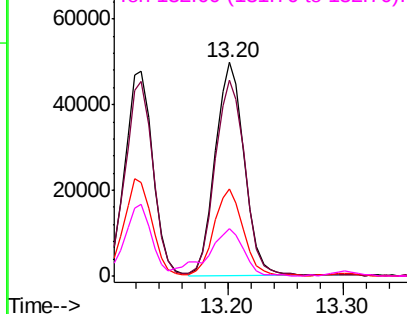
Abundance

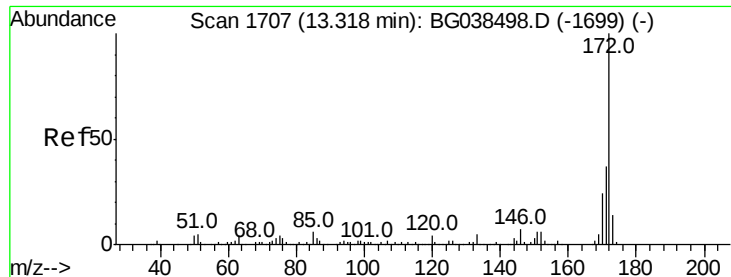
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





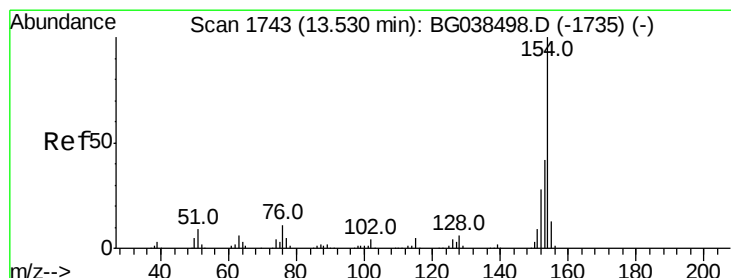
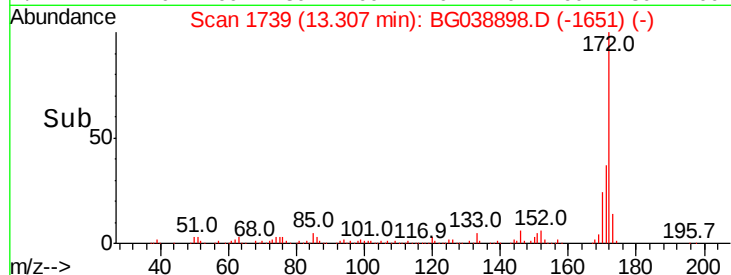
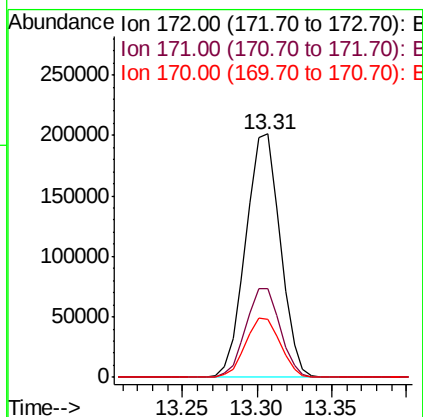
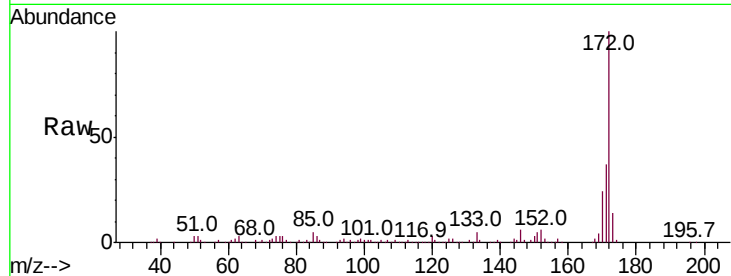
#45
2-Fluorobiphenyl
Concen: 61.078 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB116088BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.6
170	24.0	19.5	29.3

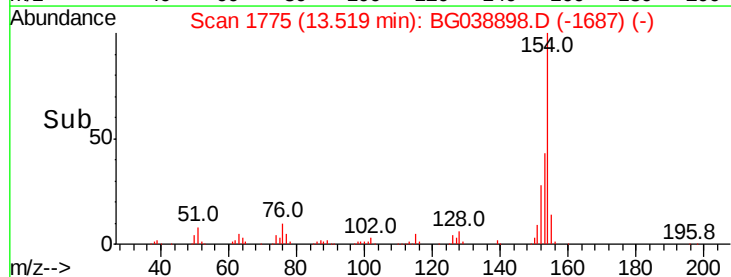
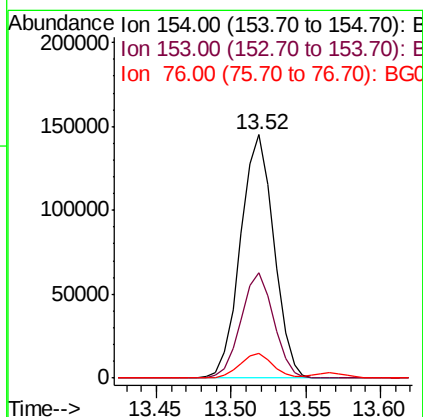
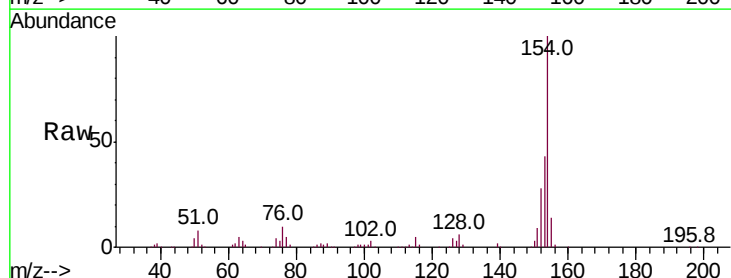
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#46
1,1'-Biphenyl
Concen: 37.112 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	22.1	62.1
76	10.0	0.0	31.2





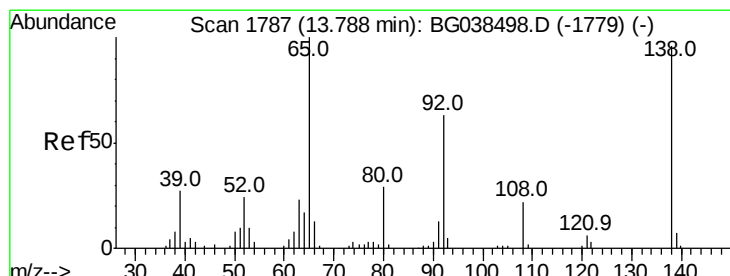
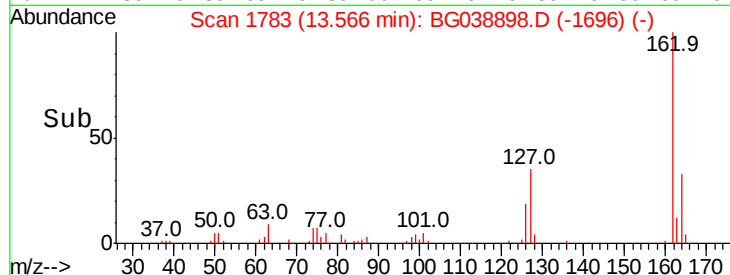
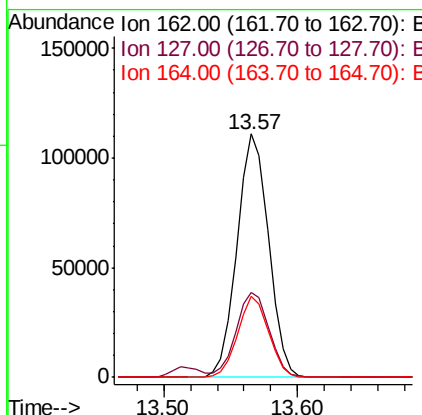
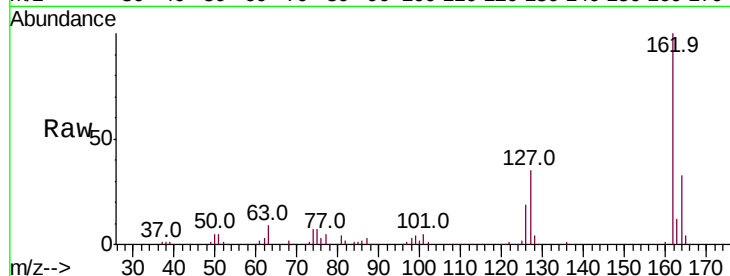
#47
 2-Chloronaphthalene
 Concen: 38.747 ng
 RT: 13.57 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.1	27.8	41.8
164	33.2	26.9	40.3

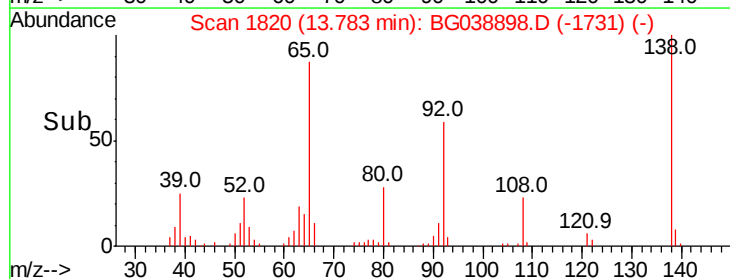
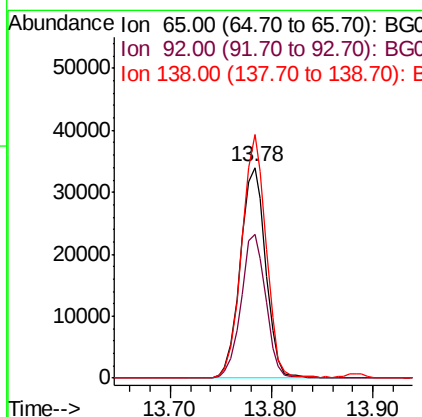
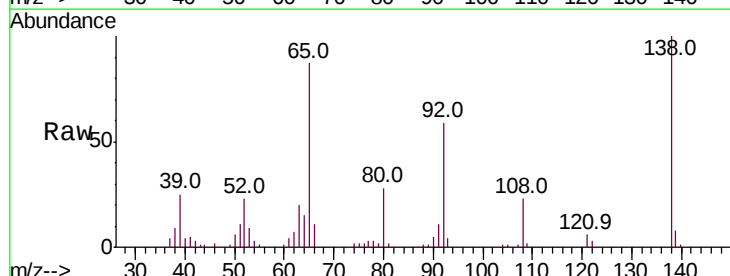
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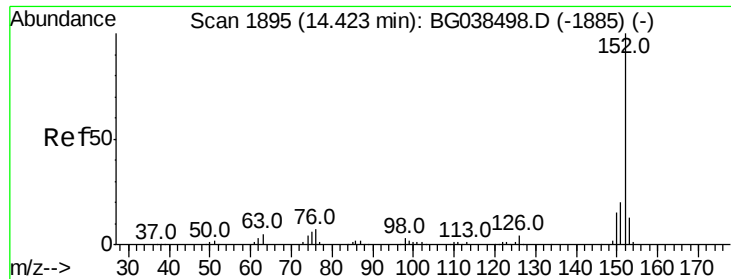
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#48
 2-Nitroaniline
 Concen: 39.555 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.1	50.0	75.0
138	115.5	76.9	115.3





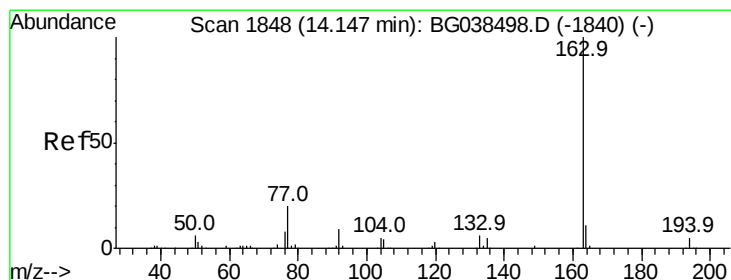
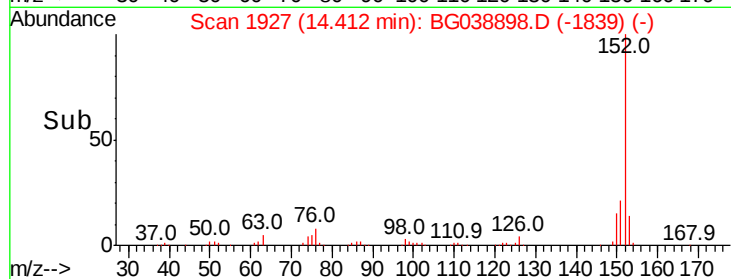
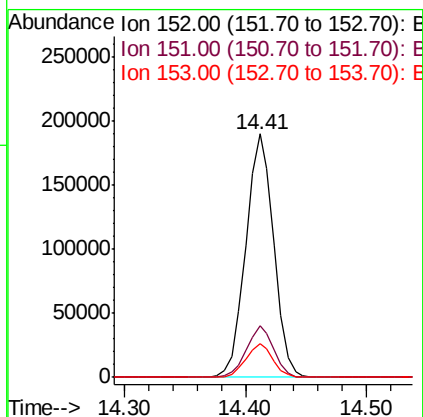
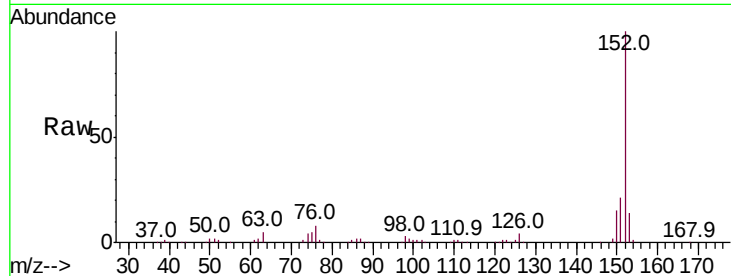
#49
Acenaphthylene
Concen: 43.508 ng
RT: 14.41 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB116088BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.4	24.6
153	13.8	10.4	15.6

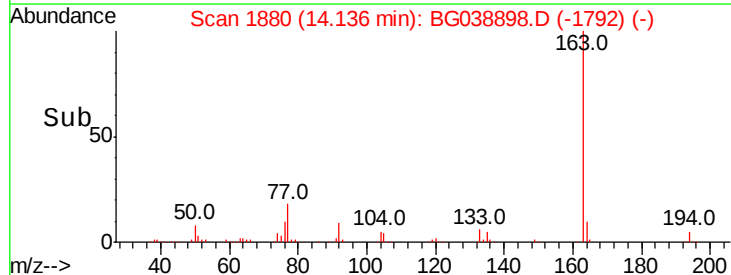
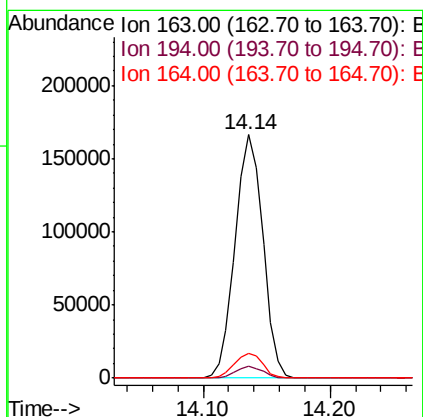
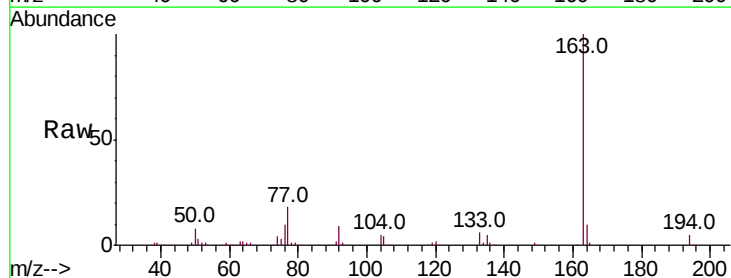
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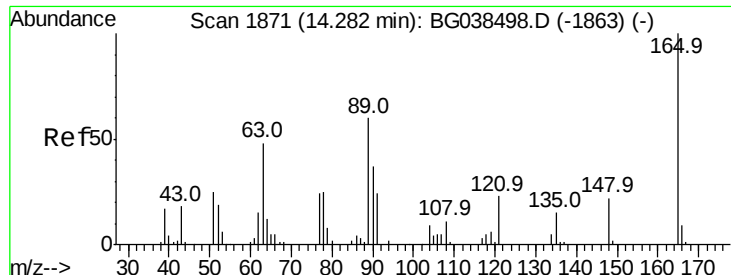
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#50
Dimethylphthalate
Concen: 42.870 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.7	5.5
164	10.1	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 42.802 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

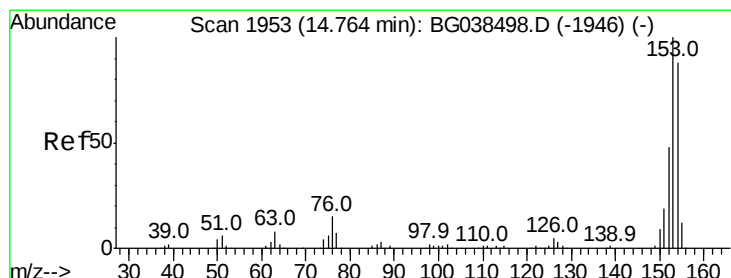
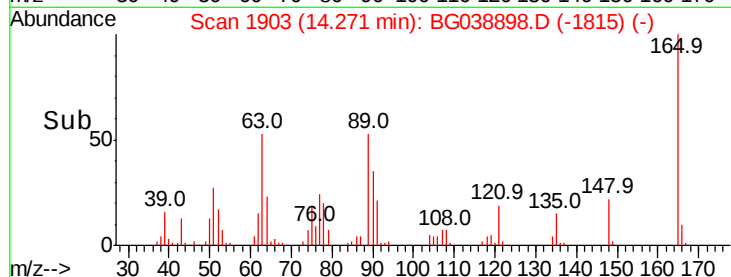
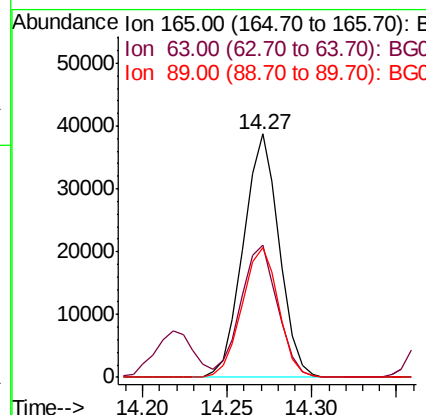
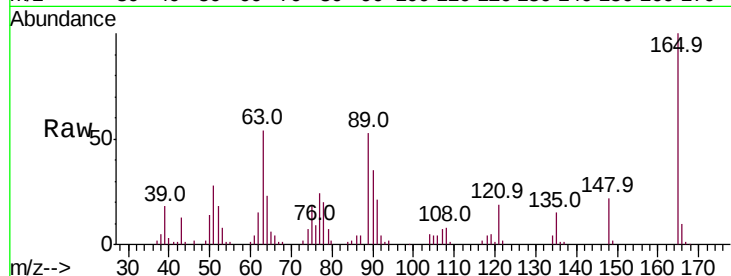
ClientSampleId :

PB116088BSD

Tot Ion:	165	Resp:	57207
Ion Ratio	Lower	Upper	
165	100		
63	54.2	51.8	77.6
89	53.1	47.9	71.9

Manual Integrations
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#52

Acenaphthene

Concen: 41.664 ng

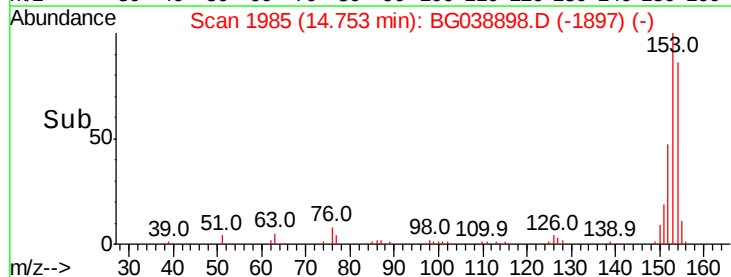
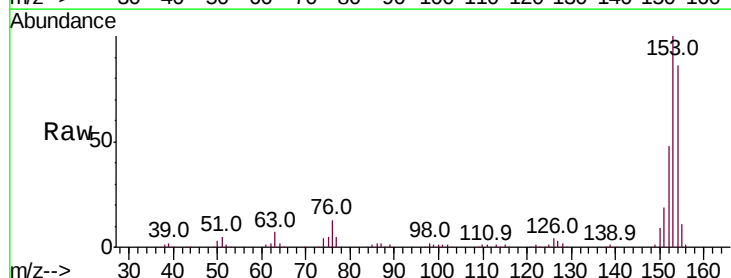
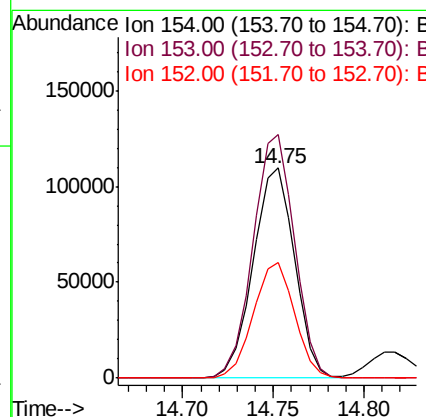
RT: 14.75 min Scan# 1985

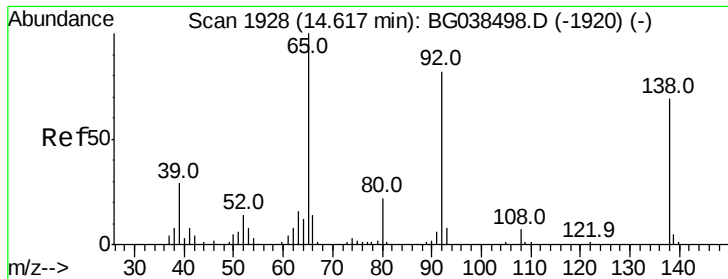
Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Tgt Ion:	154	Resp:	174186
Ion Ratio	Lower	Upper	
154	100		
153	115.8	90.6	136.0
152	55.1	43.5	65.3





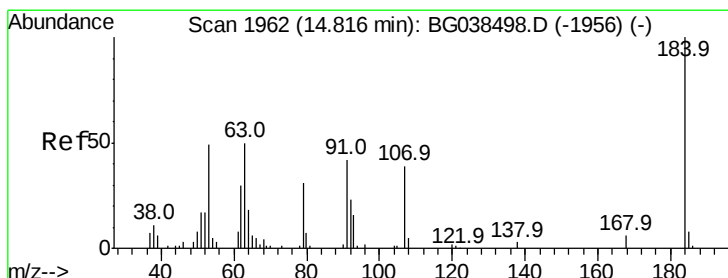
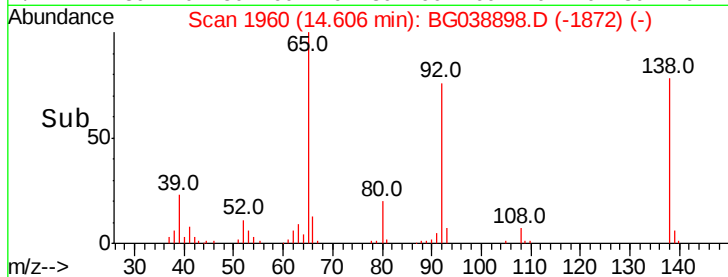
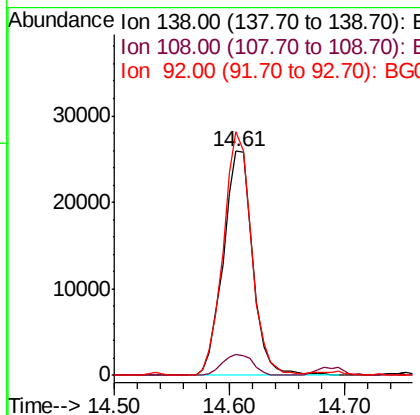
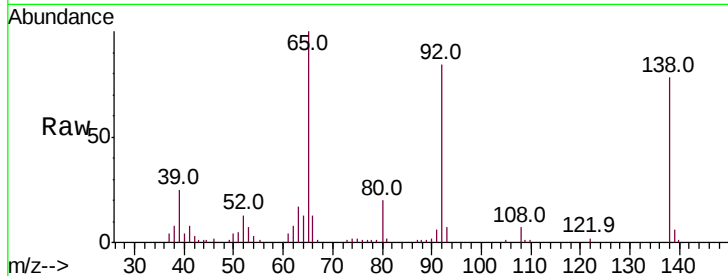
#53
3-Nitroaniline
Concen: 33.388 ng
RT: 14.61 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB116088BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.9	11.9
92	108.6	95.3	142.9

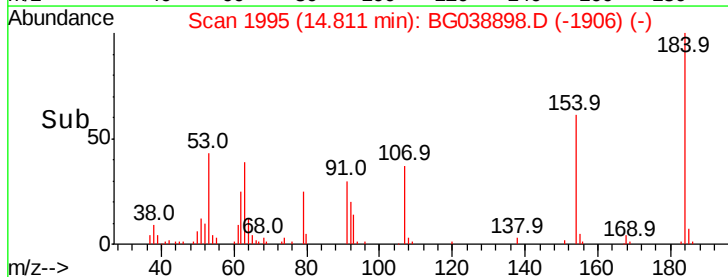
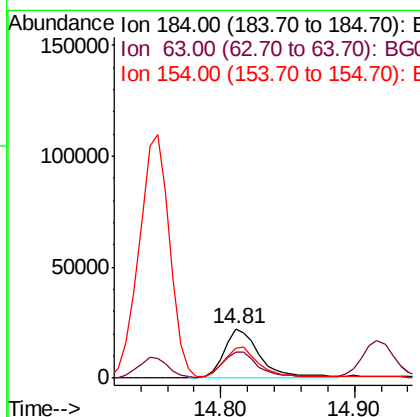
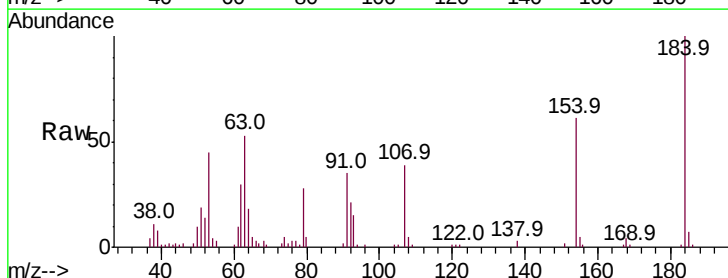
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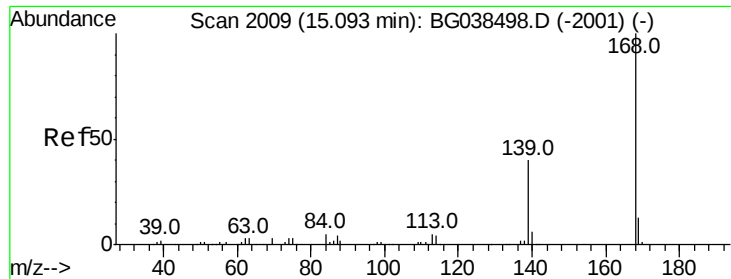
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#54
2,4-Dinitrophenol
Concen: 54.640 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.3	47.0	70.6
154	60.8	50.3	75.5





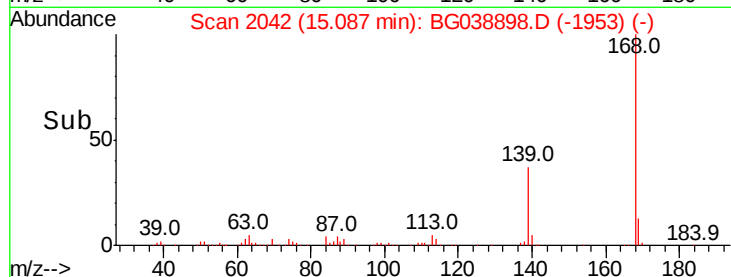
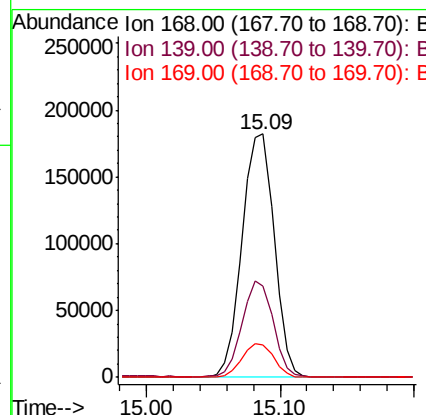
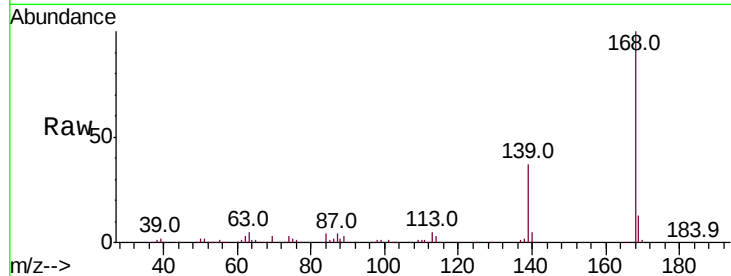
#55
 Dibenzofuran
 Concen: 42.369 ng
 RT: 15.09 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Instrument :
 BNA_G
 ClientSampleID :
 PB116088BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	32.2	48.2
169	13.5	10.6	16.0

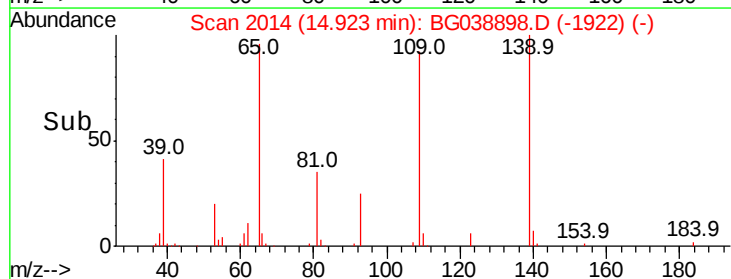
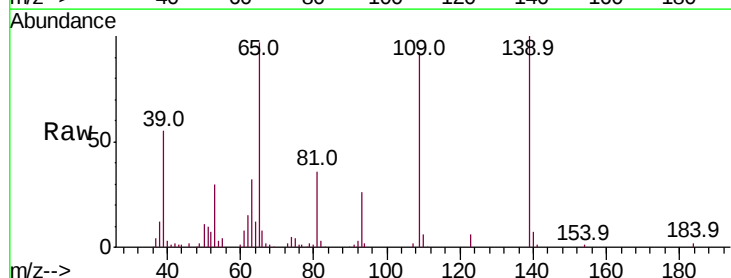
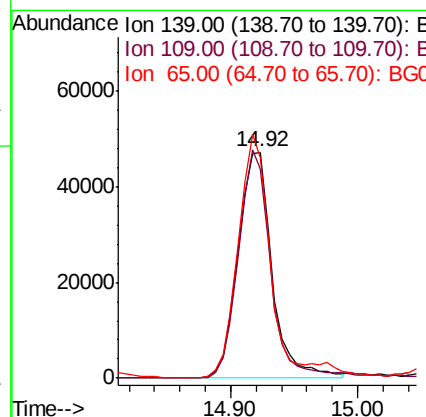
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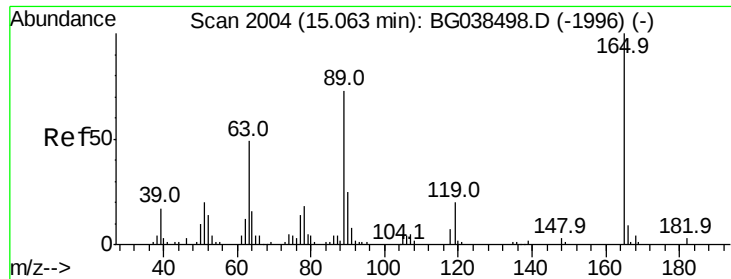
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#56
 4-Nitrophenol
 Concen: 84.713 ng
 RT: 14.92 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.3	73.6	113.6
65	97.4	84.8	124.8





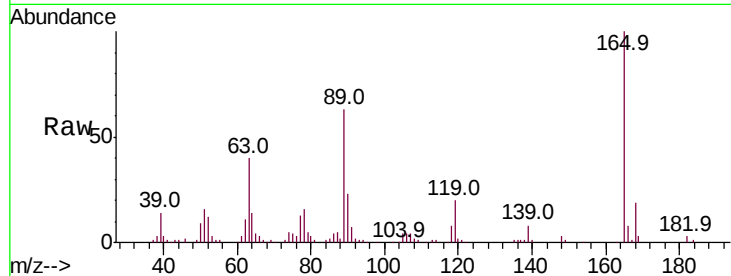
#57
 2,4-Dinitrotoluene
 Concen: 44.849 ng
 RT: 15.06 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.9	39.0	58.4
89	63.5	58.0	87.0
182	3.5	2.3	3.5

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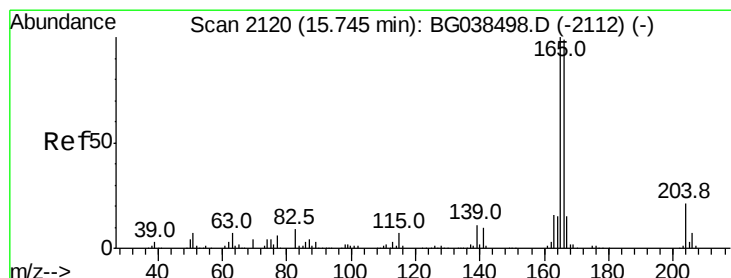
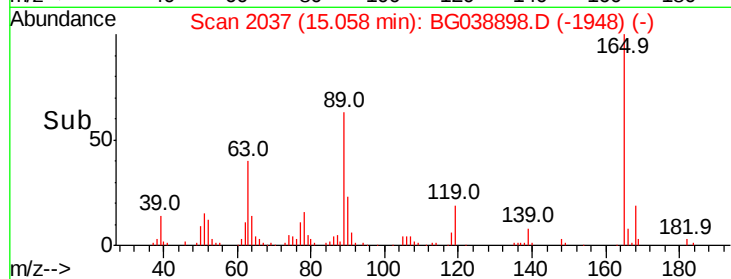
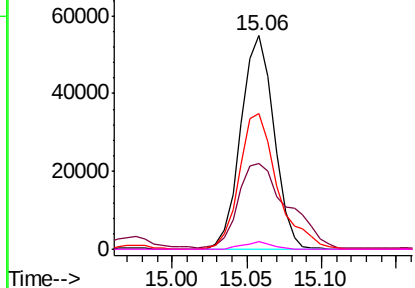
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

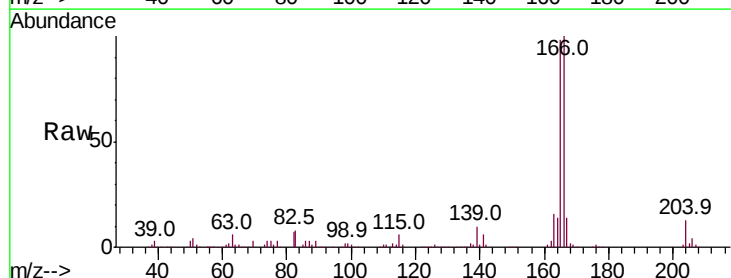
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 46.888 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

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

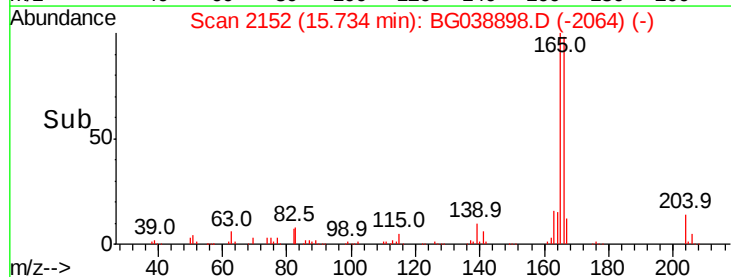
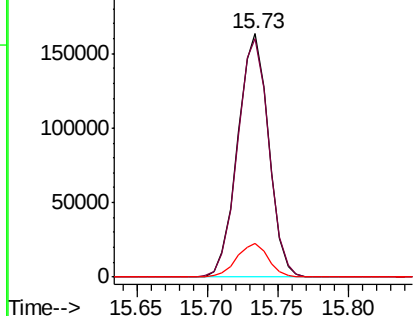


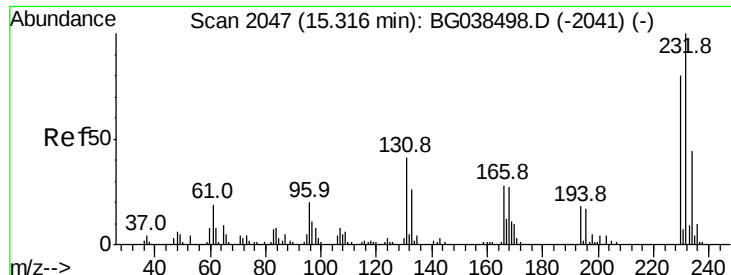
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





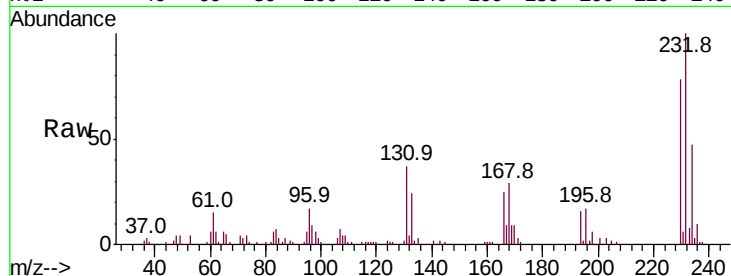
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.132 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

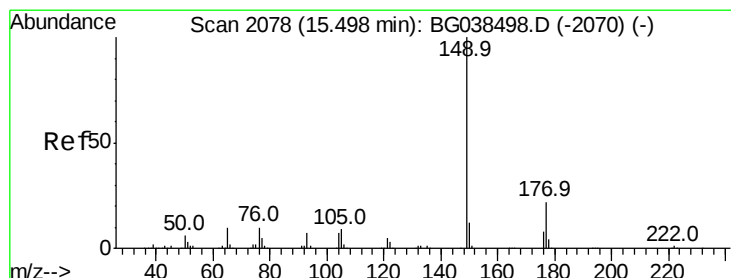
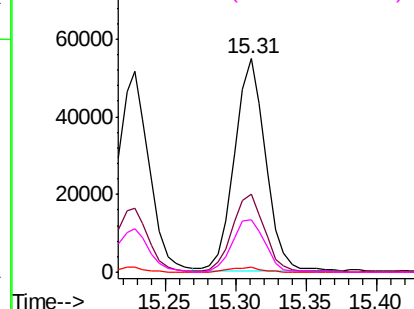
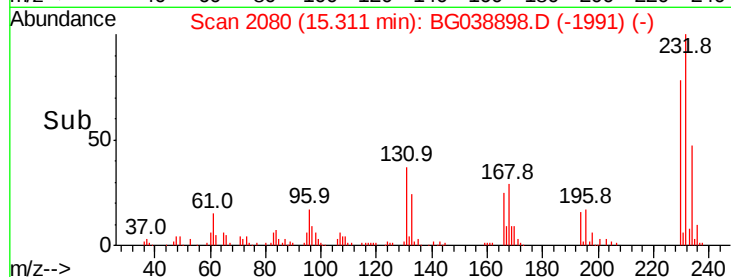
Tot Ion:	232	Resp:	84010
Ion Ratio	Lower	Upper	
232	100		
131	38.9	33.0	49.4
130	2.4	2.0	3.0
166	26.7	23.1	34.7

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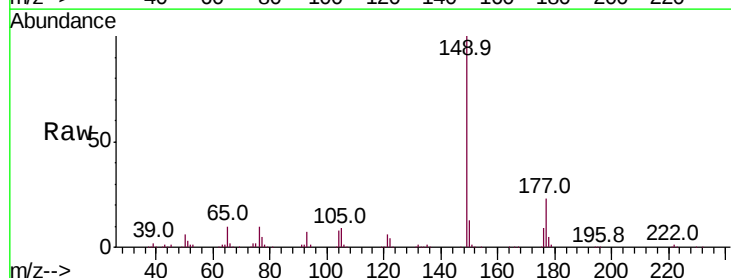


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

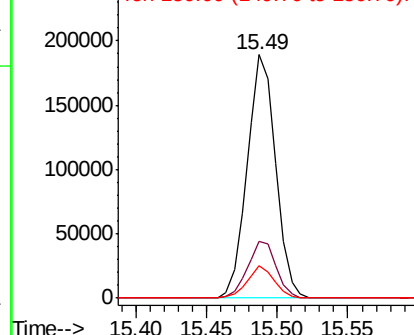
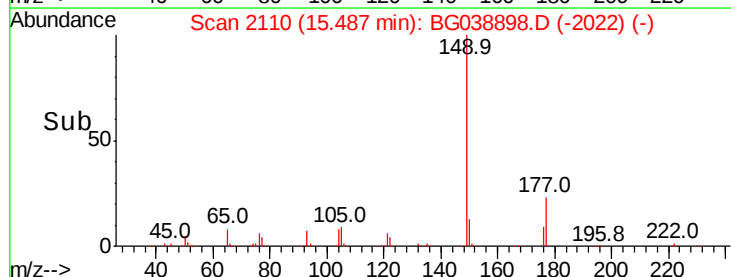


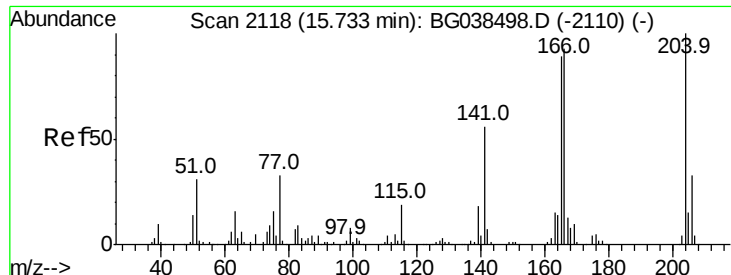
#60
 Diethylphthalate
 Concen: 41.100 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Tgt Ion:	149	Resp:	266108
Ion Ratio	Lower	Upper	
149	100		
177	23.1	17.7	26.5
150	13.1	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





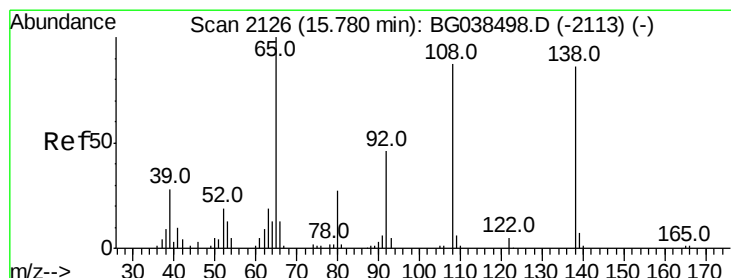
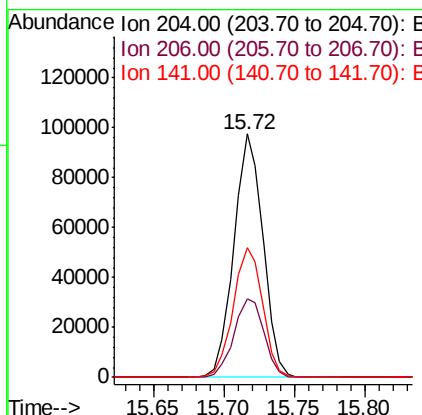
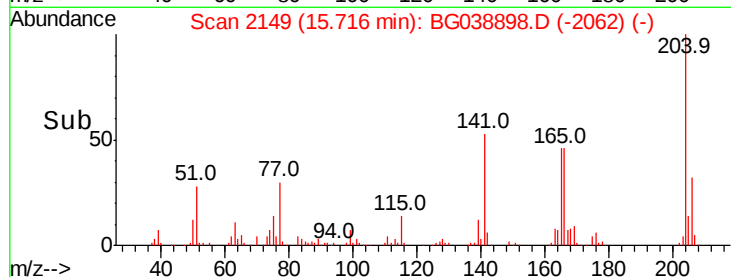
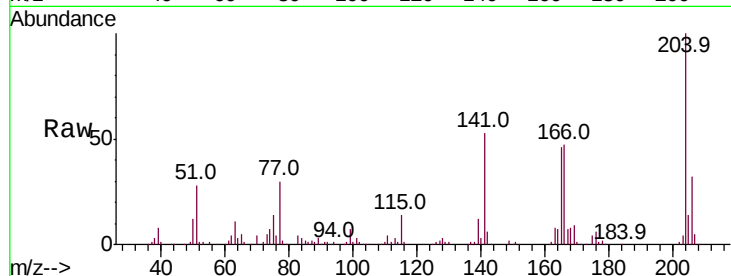
#61
 4-Chlorophenyl-phenylether
 Concen: 42.247 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

Tot Ion:	204	Resp:	139956
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.0	39.0
141	53.2	44.4	66.6

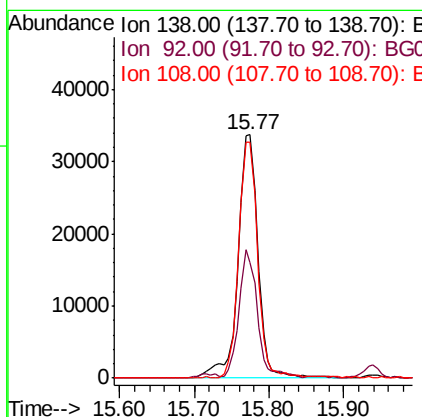
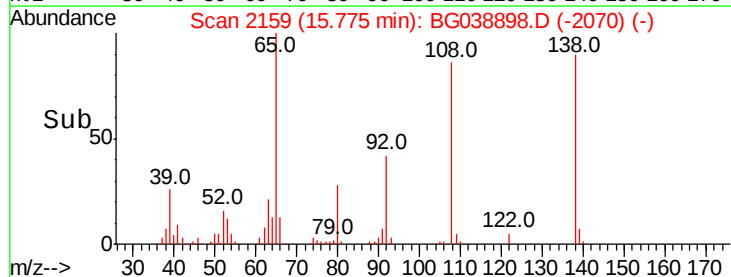
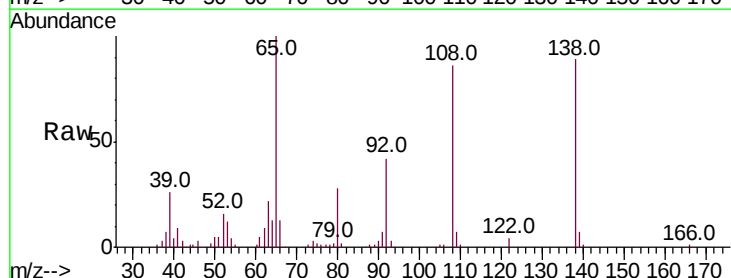
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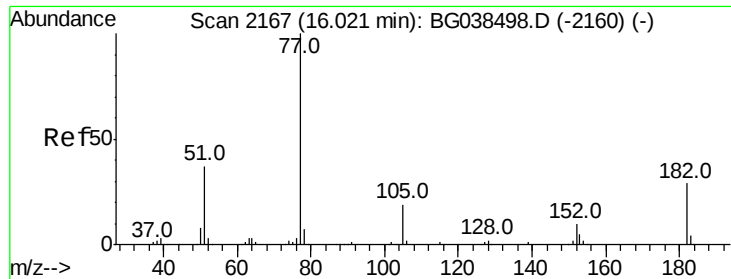
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#62
 4-Nitroaniline
 Concen: 44.800 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Tgt Ion:	138	Resp:	62840
Ion Ratio	Lower	Upper	
138	100		
92	47.4	33.3	73.3
108	96.7	81.4	121.4





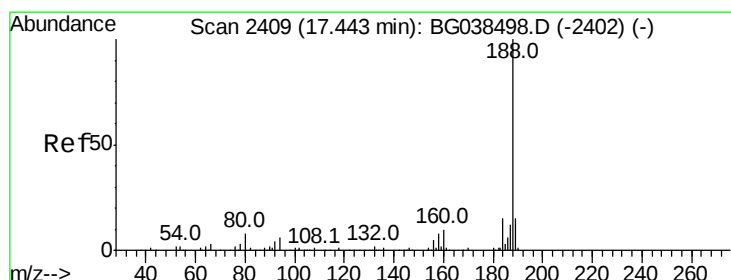
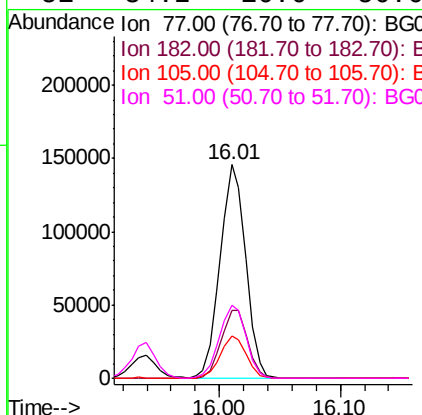
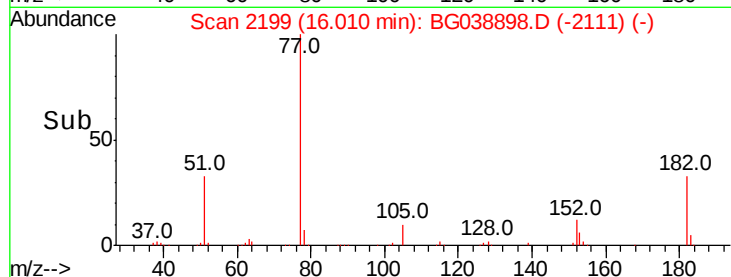
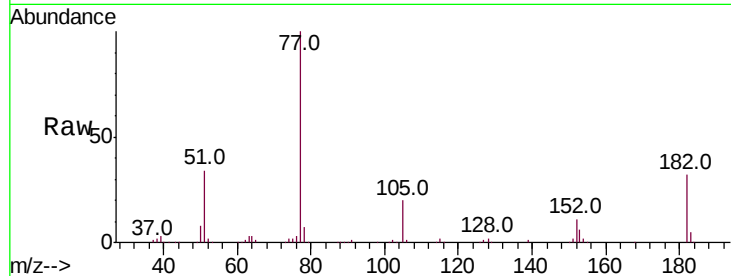
#63
Azobenzene
Concen: 39.480 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB116088BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	31.8	8.7	48.7	
105	20.0	0.0	38.7	
51	34.2	16.6	56.6	

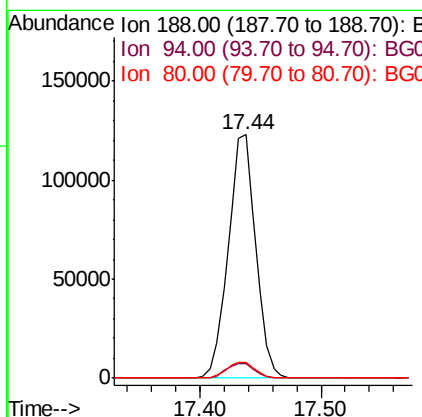
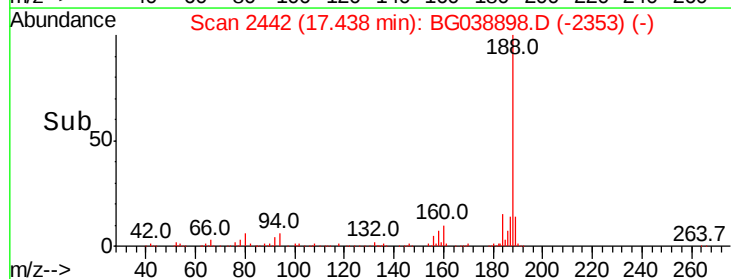
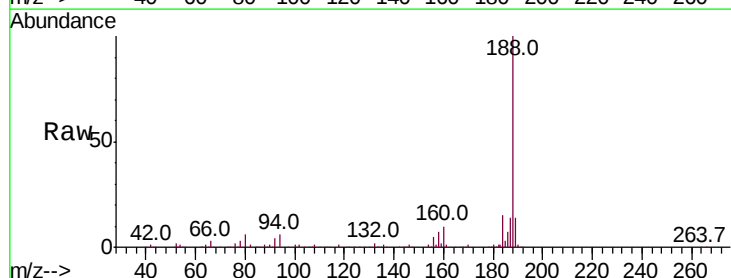
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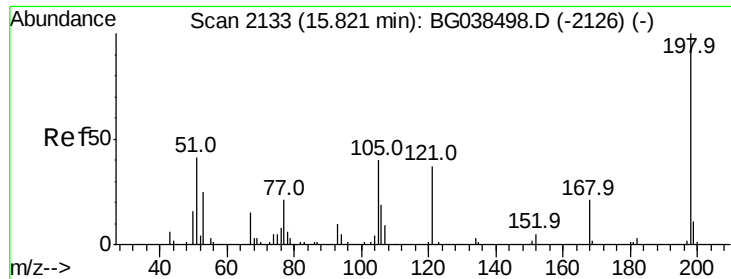
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.0	5.1	7.7	
80	6.2	6.1	9.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 34.319 ng

RT: 15.82 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

Tot Ion:198 Resp: 47503

Ion Ratio Lower Upper

198 100

51 40.5 28.6 68.6

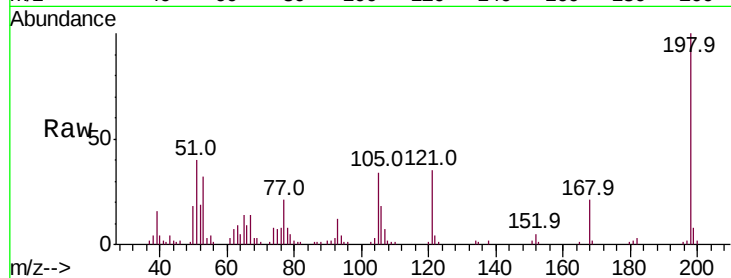
105 33.9 20.4 60.4

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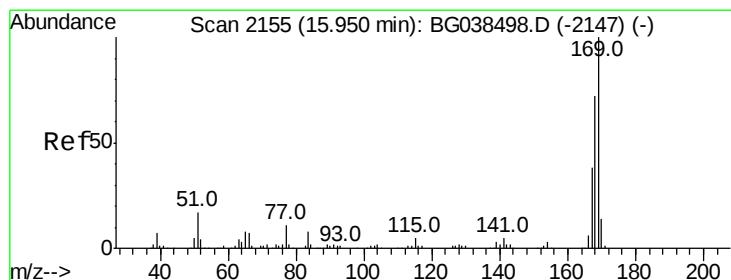
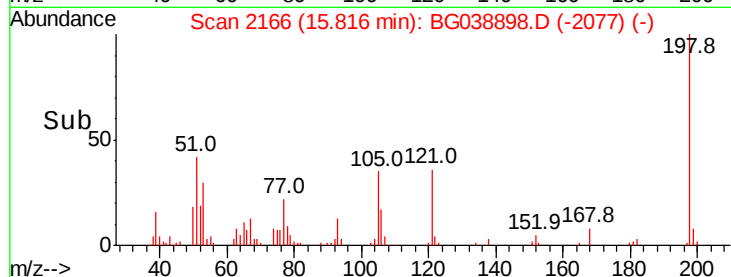
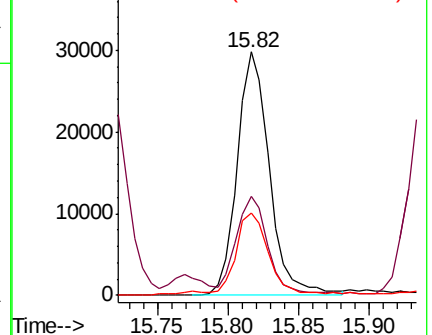
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.736 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

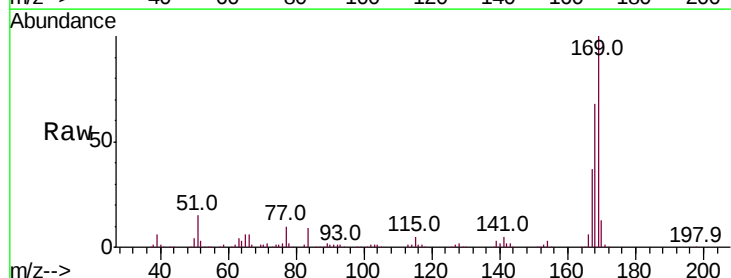
Tgt Ion:169 Resp: 232242

Ion Ratio Lower Upper

169 100

168 68.2 57.5 86.3

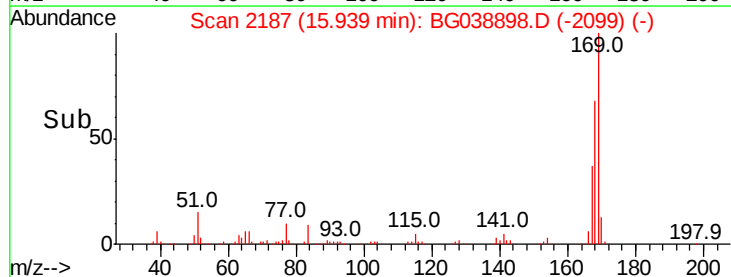
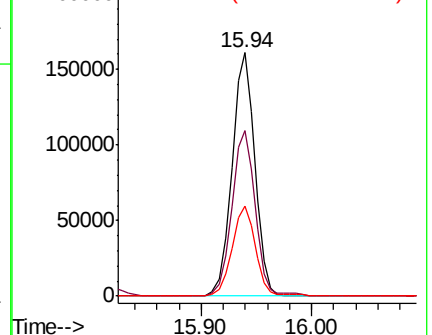
167 37.1 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 41.543 ng

RT: 16.62 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

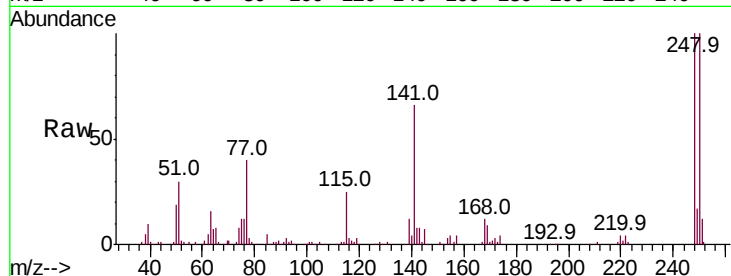
ClientSampleId :

PB116088BSD

Tot Ion:	248	Resp:	98446
Ion Ratio	Lower	Upper	
248	100		
250	100.3	73.4	110.2
141	66.6	52.9	79.3

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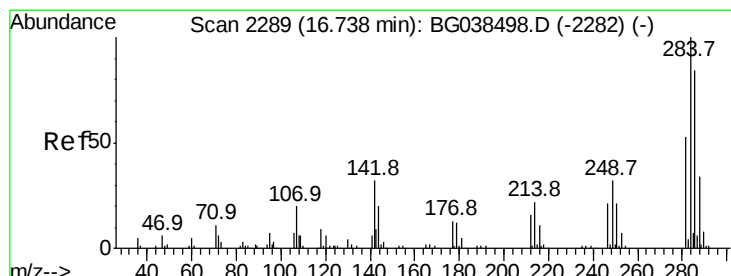
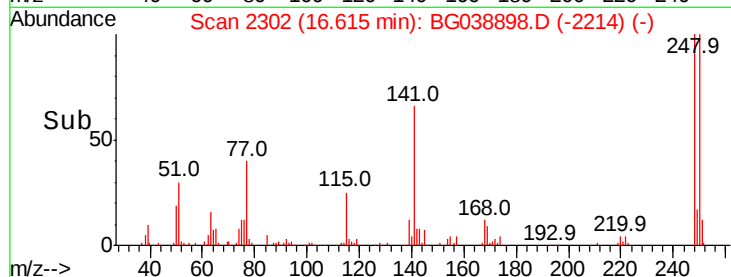
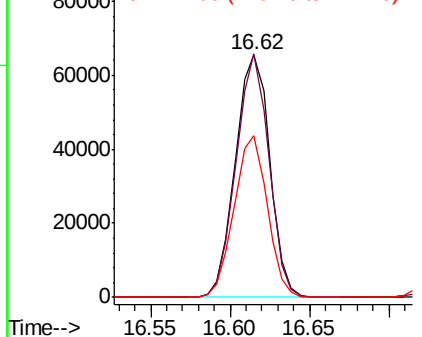


Abundance

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: 42.934 ng

RT: 16.73 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

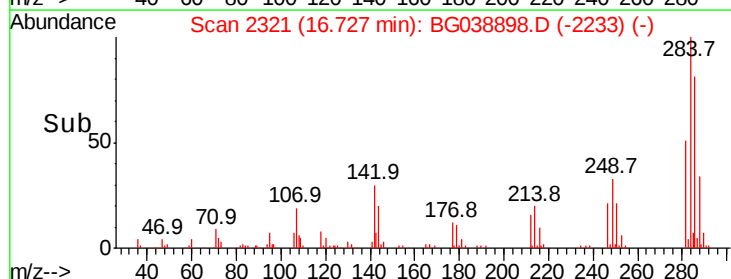
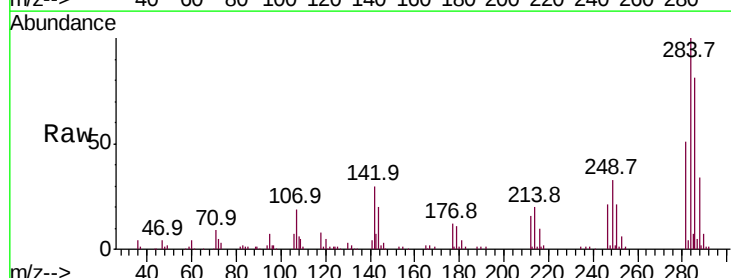
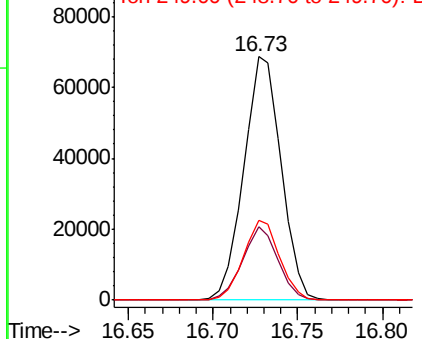
Tgt Ion:	284	Resp:	105467
Ion Ratio	Lower	Upper	
284	100		
142	29.9	25.8	38.6
249	34.8	27.0	40.4

Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





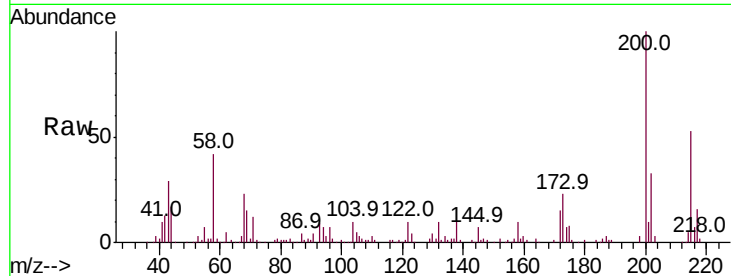
#69
 Atrazine
 Concen: 45.632 ng
 RT: 16.88 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

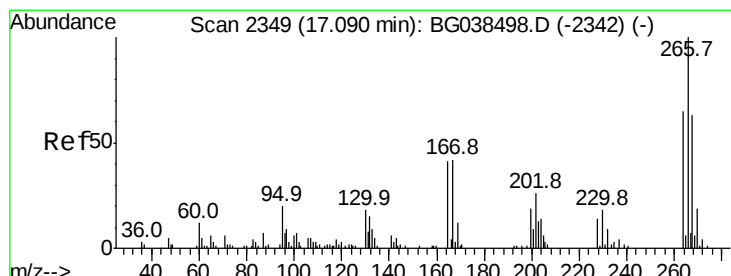
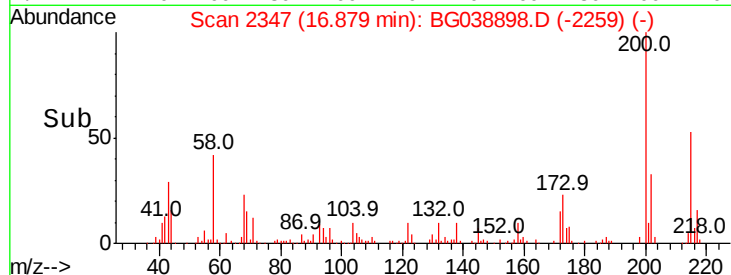
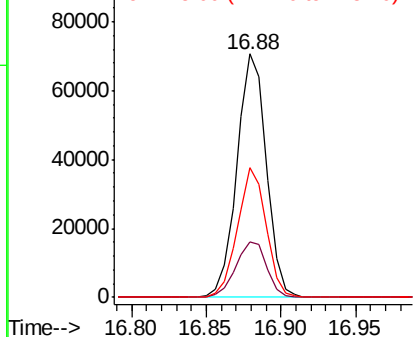
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.0	5.9	45.9
215	53.2	33.1	73.1

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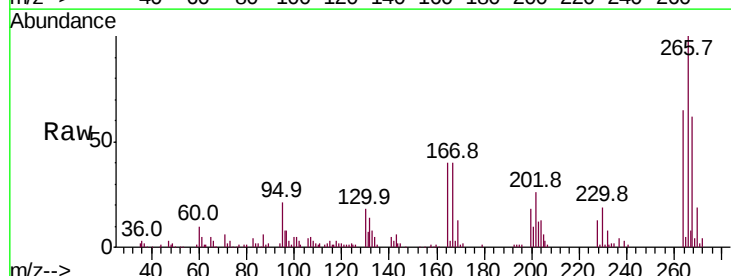


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

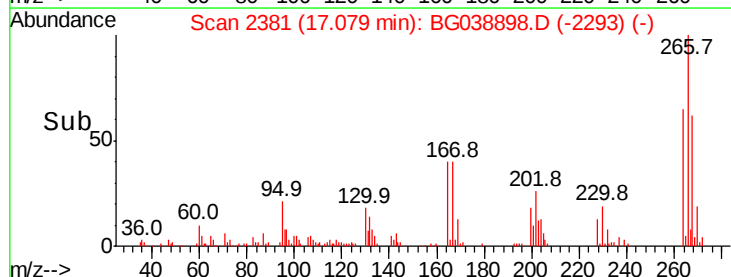
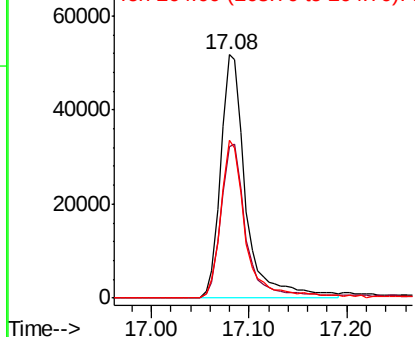


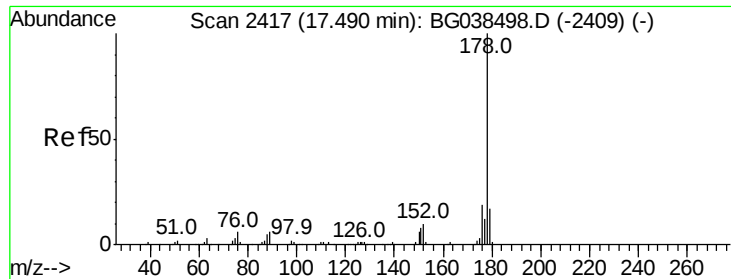
#70
 Pentachlorophenol
 Concen: 63.938 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.2	55.0	82.6
264	69.8	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





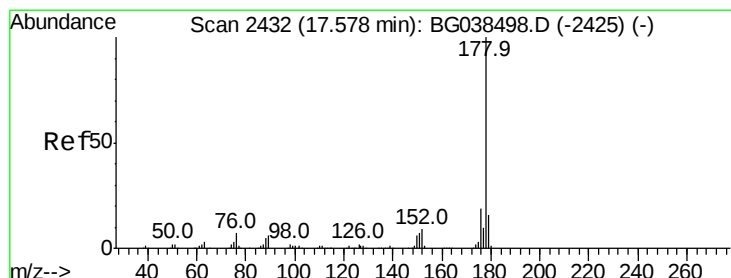
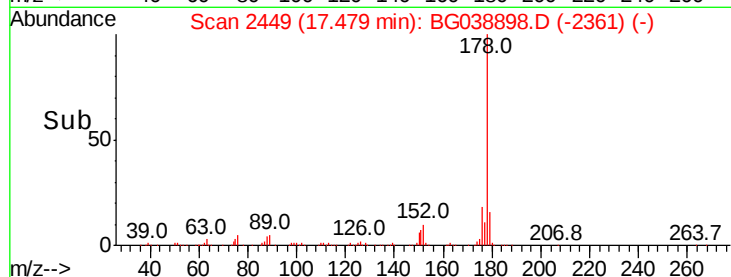
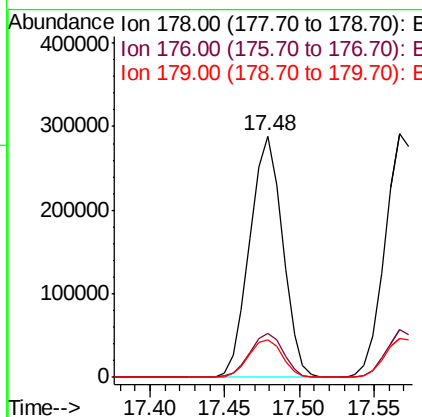
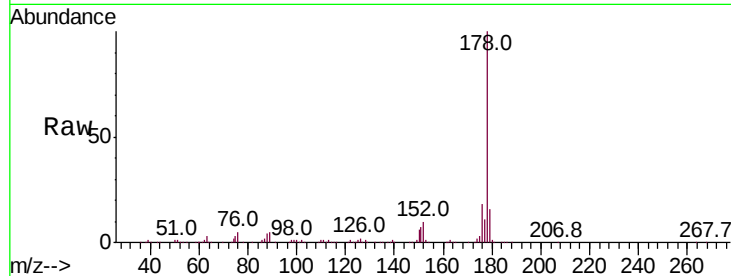
#71
Phenanthrene
Concen: 43.840 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB116088BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	15.7	13.2	19.8

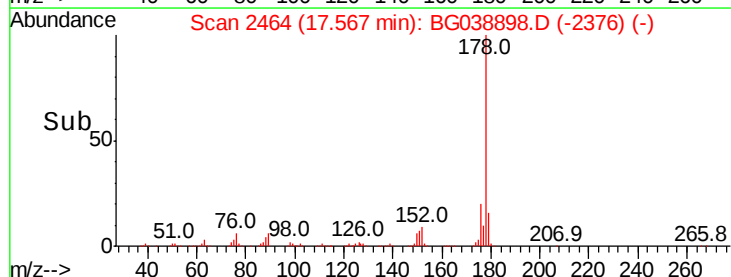
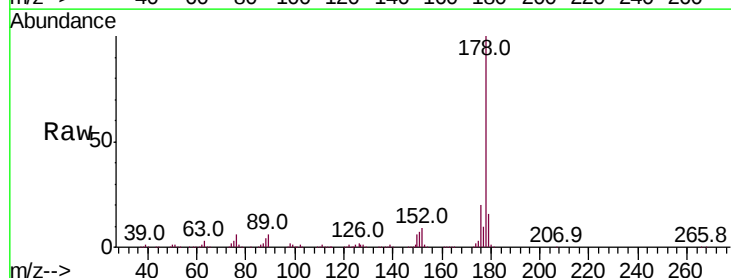
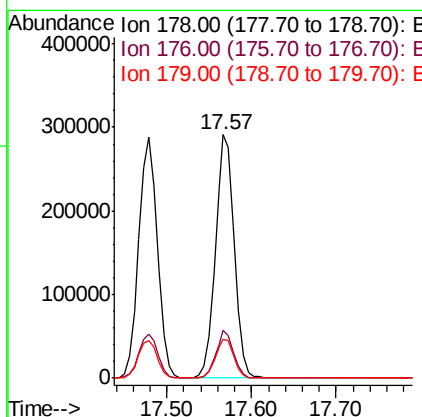
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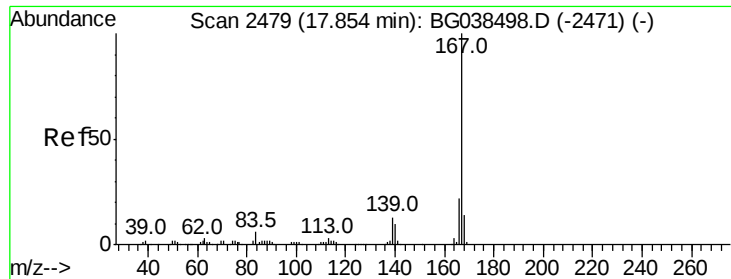
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#72
Anthracene
Concen: 45.845 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	16.0	12.9	19.3





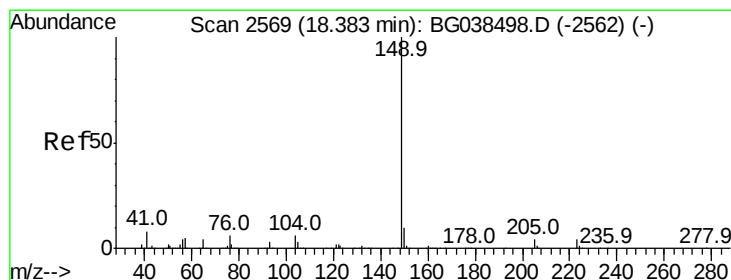
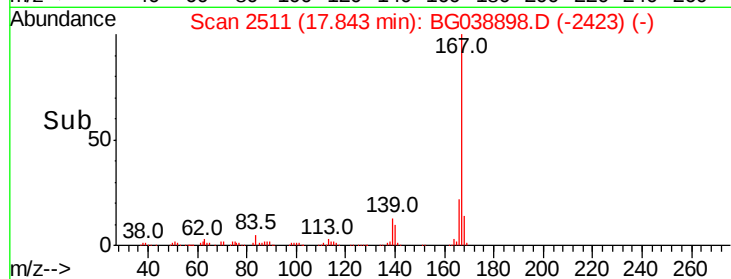
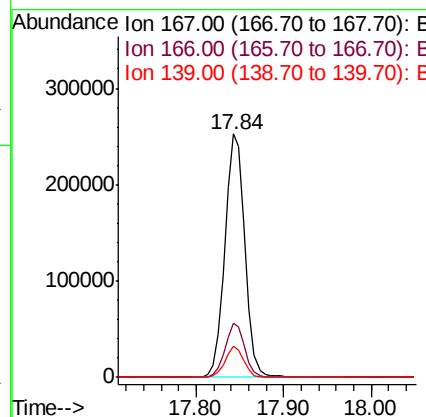
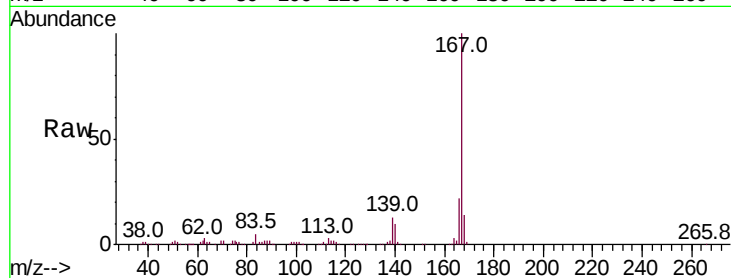
#73
 Carbazole
 Concen: 40.610 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.9	26.9
139	12.7	10.2	15.2

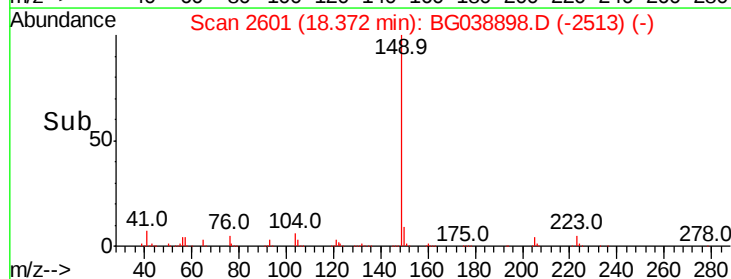
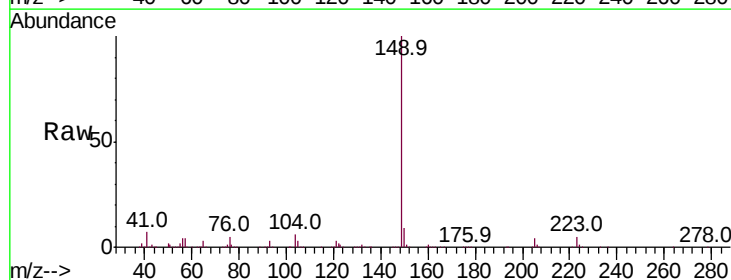
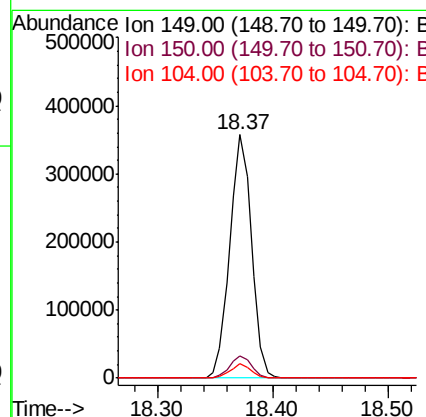
Manual Integrations
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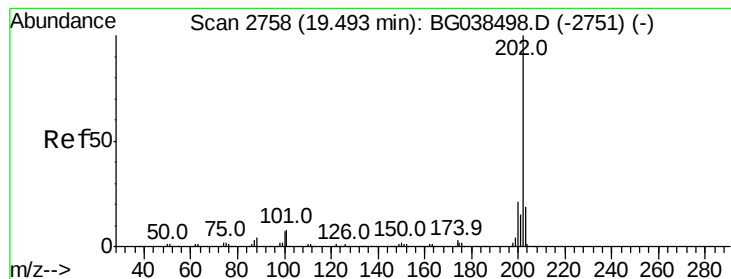
Sohil
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#74
 Di-n-butylphthalate
 Concen: 41.429 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.6	11.4
104	5.8	5.0	7.4





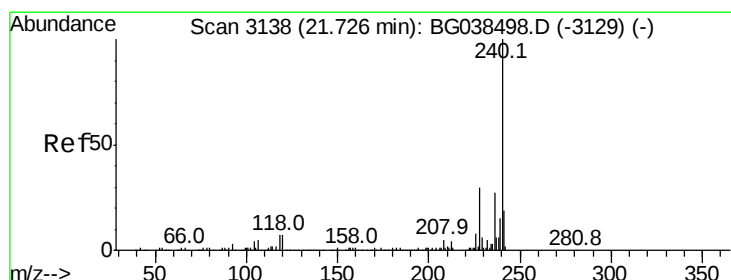
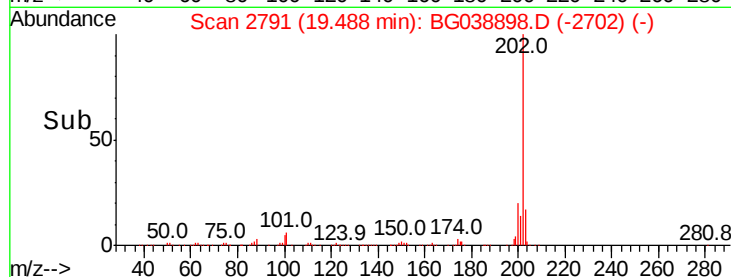
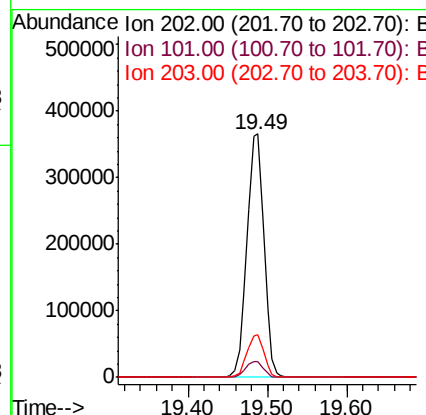
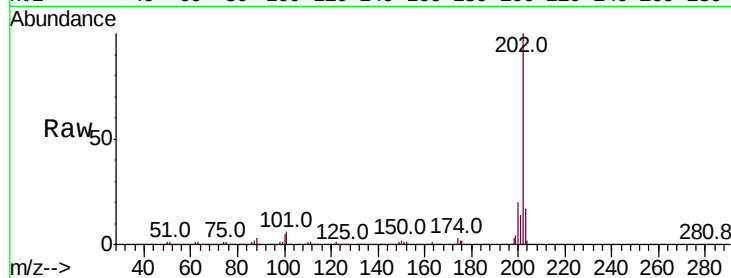
#75
 Fluoranthene
 Concen: 43.870 ng
 RT: 19.49 min Scan# 2791
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.4	0.0	28.1
203	17.5	0.0	39.0

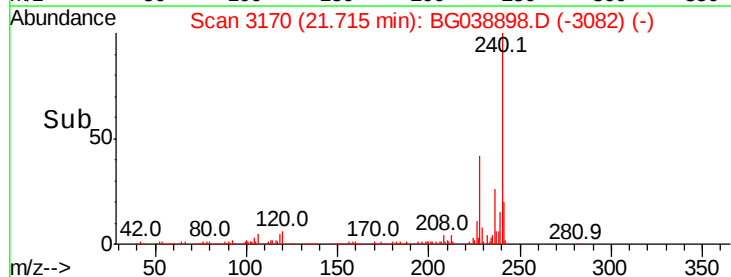
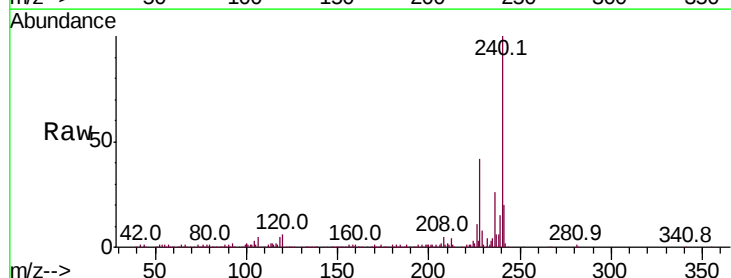
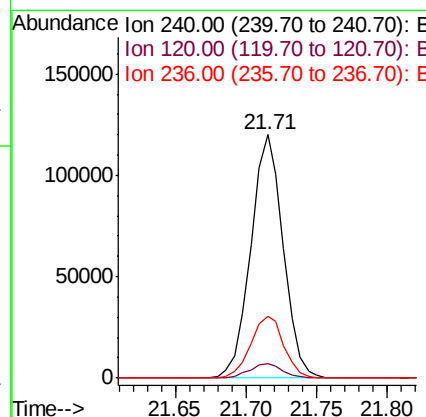
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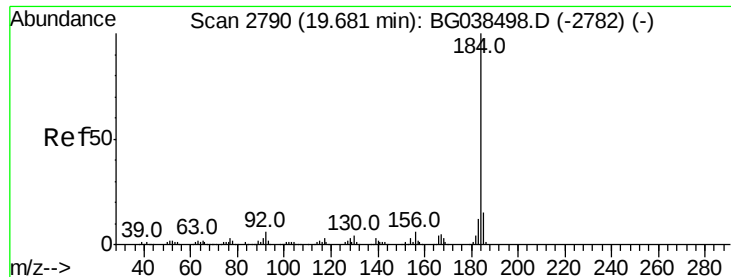
Sohil
 1/3/2019 11:16:17 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.0	5.3	7.9
236	25.5	21.4	32.2





#77

Benzidine

Concen: 41.676 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

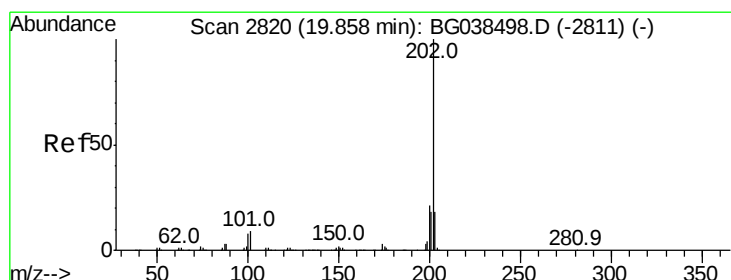
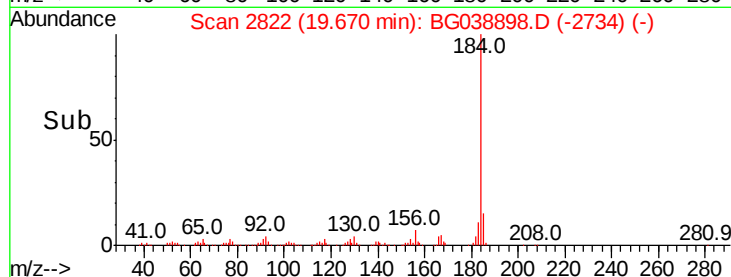
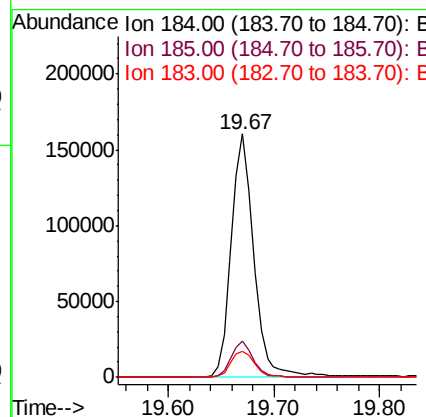
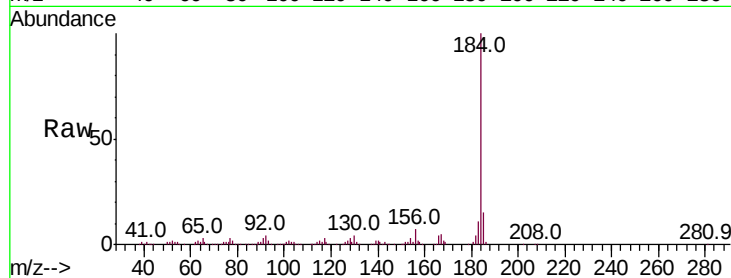
ClientSampleId :

PB116088BSD

Tot Ion:	184	Resp:	238211
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.2	18.2
183	10.6	9.6	14.4

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#78

Pyrene

Concen: 42.455 ng

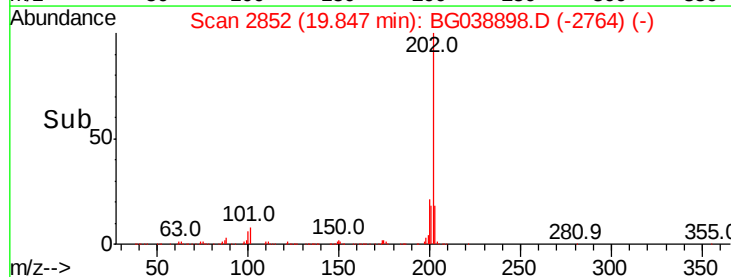
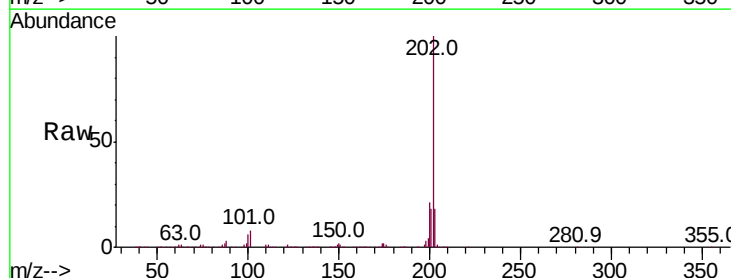
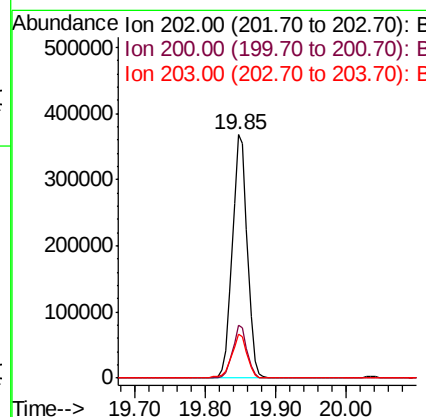
RT: 19.85 min Scan# 2852

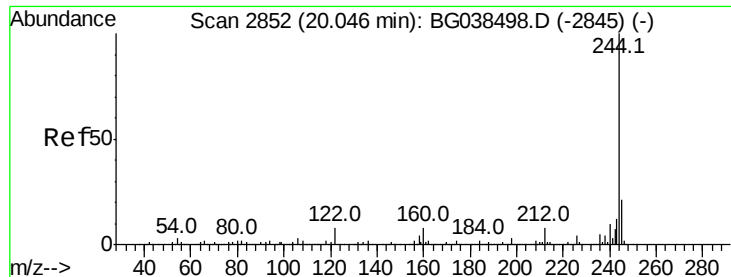
Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Tgt Ion:	202	Resp:	542065
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.6	25.0
203	18.3	14.6	21.8





#79

Terphenyl-d14

Concen: 79.341 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

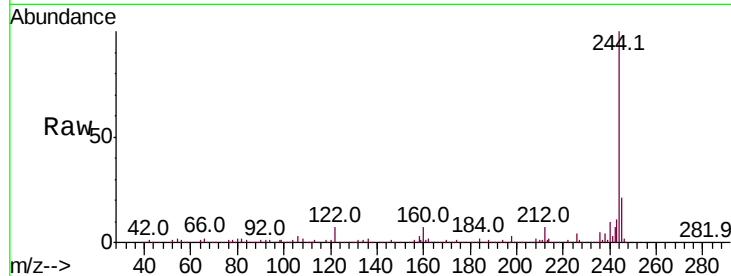
ClientSampleId :

PB116088BSD

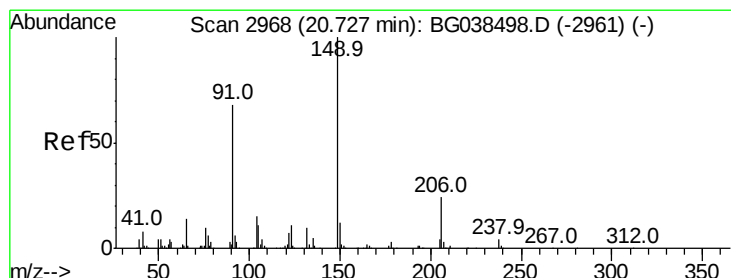
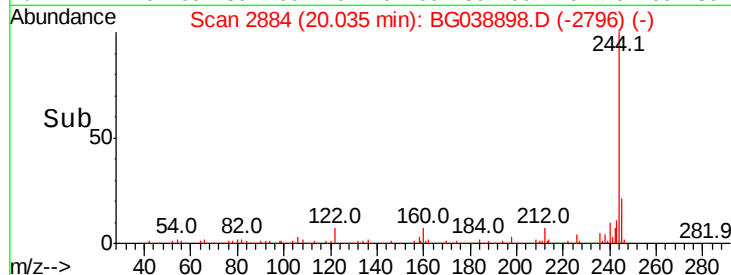
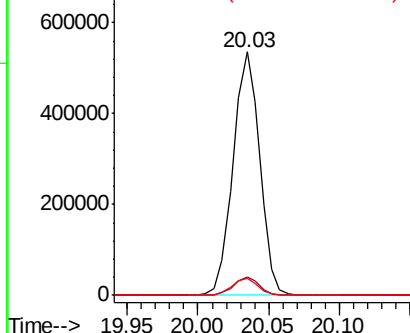
Tot Ion:	244	Resp:	704583
Ion Ratio		Lower	Upper
244	100		
212	7.3	6.2	9.2
122	7.0	6.3	9.5

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



#80

Butylbenzylphthalate

Concen: 40.253 ng

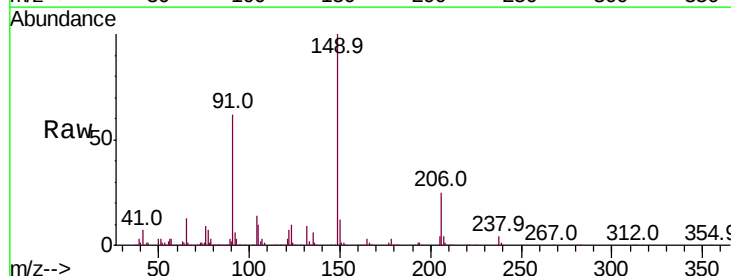
RT: 20.72 min Scan# 3000

Delta R.T. -0.01 min

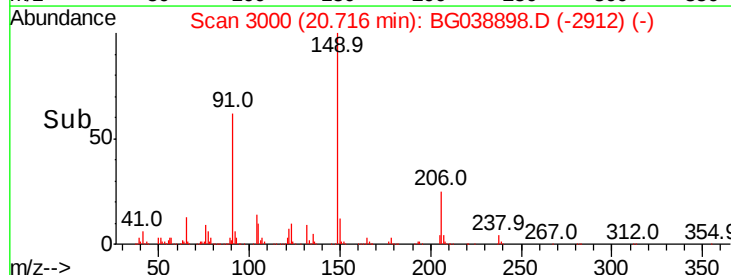
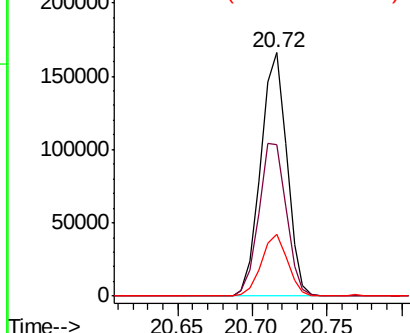
Lab File: BG038898.D

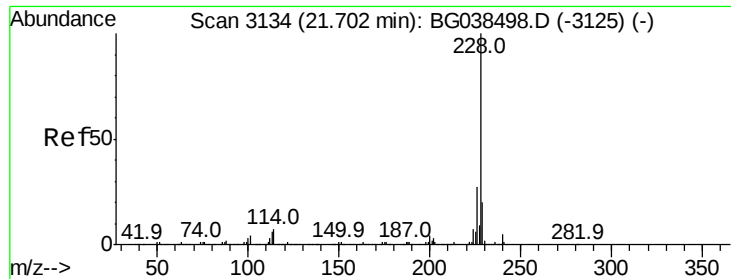
Acq: 2 Jan 2019 18:56

Tgt Ion:	149	Resp:	200793
Ion Ratio		Lower	Upper
149	100		
91	62.4	54.5	81.7
206	25.3	19.0	28.6



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





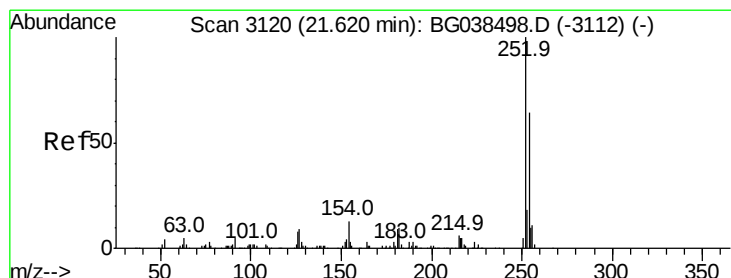
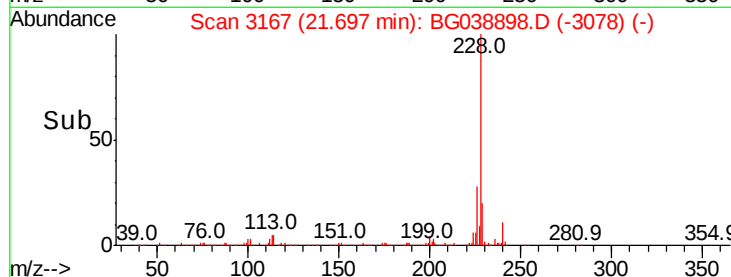
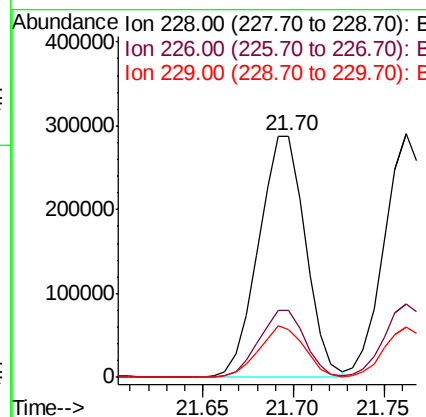
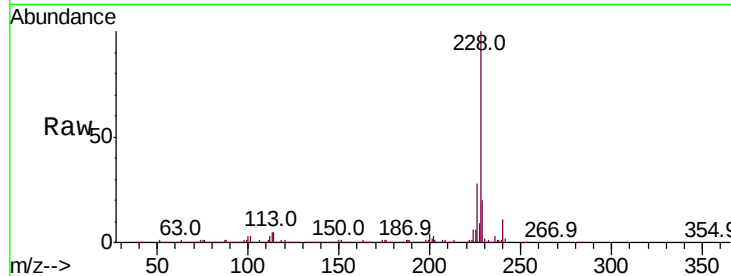
#81
Benzo(a)anthracene
Concen: 43.890 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB116088BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	19.9	15.8	23.6

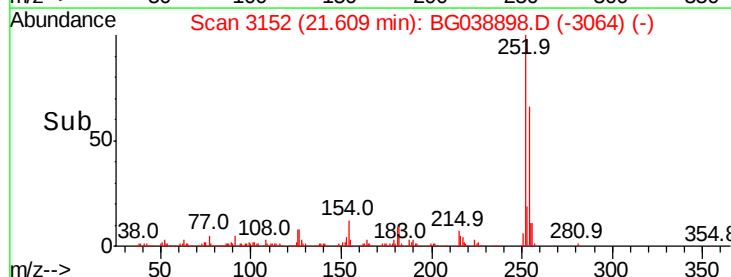
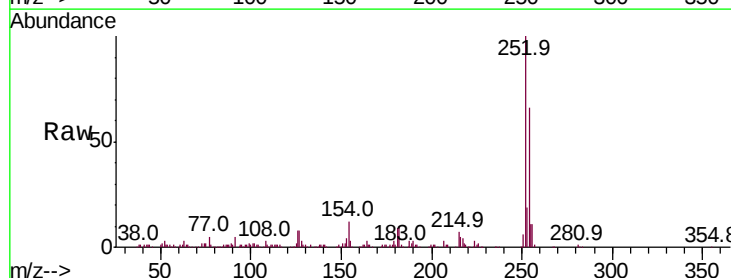
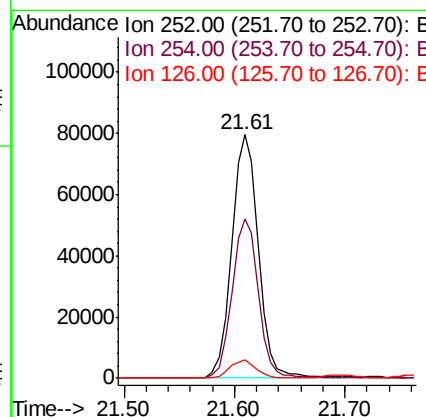
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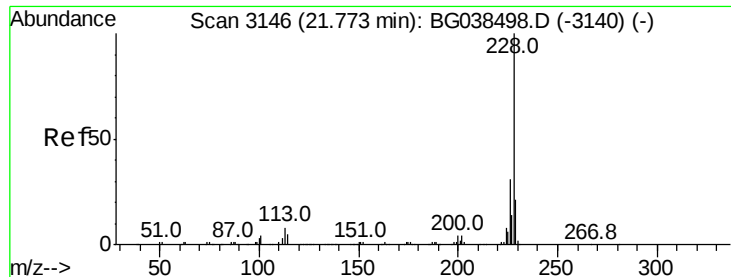
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#82
3,3'-Dichlorobenzidine
Concen: 28.777 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	50.9	76.3
126	7.6	6.3	9.5





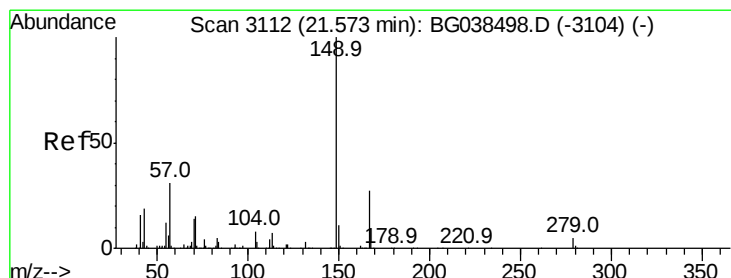
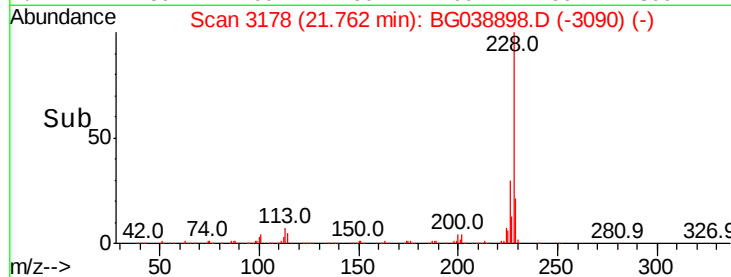
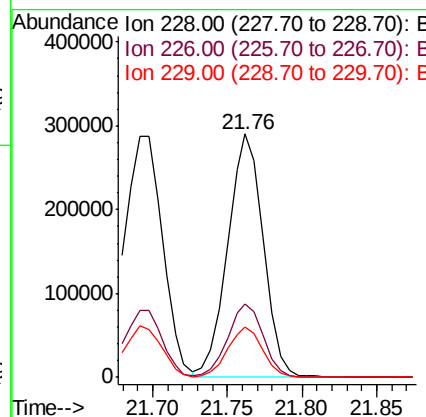
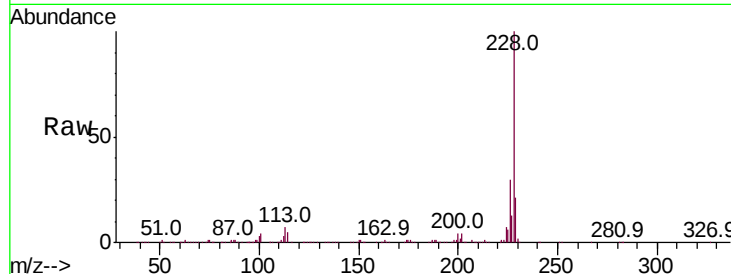
#83
 Chrysene
 Concen: 42.382 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

Tot Ion:	228	Resp:	480752
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.4
229	20.5	16.5	24.7

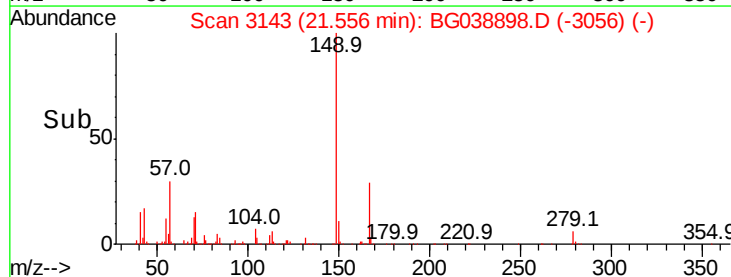
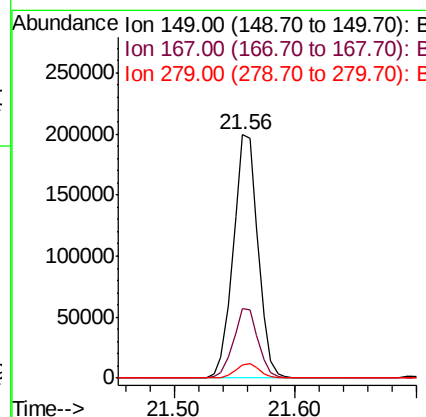
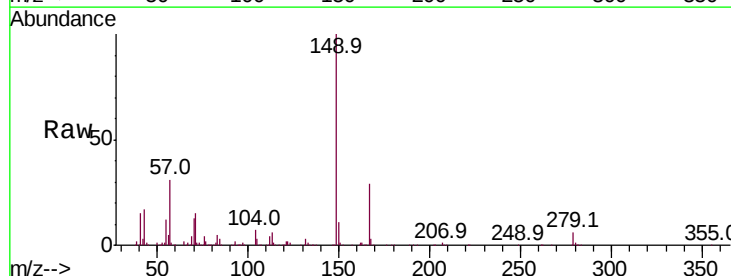
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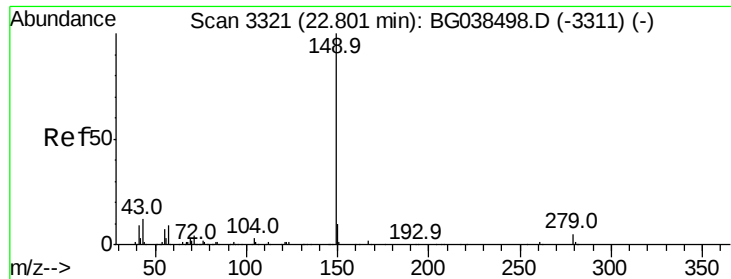
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.088 ng
 RT: 21.56 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Tgt Ion:	149	Resp:	283613
Ion Ratio	Lower	Upper	
149	100		
167	28.6	21.9	32.9
279	5.6	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 40.104 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

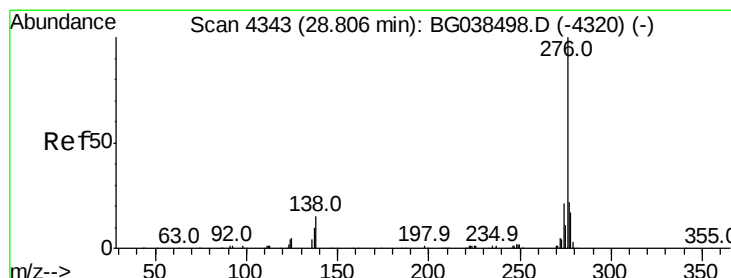
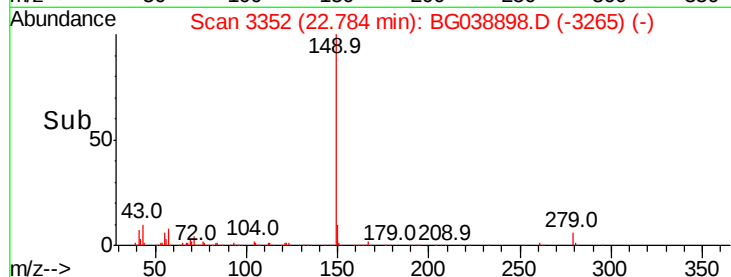
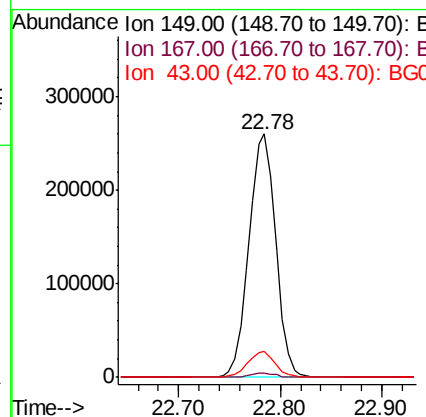
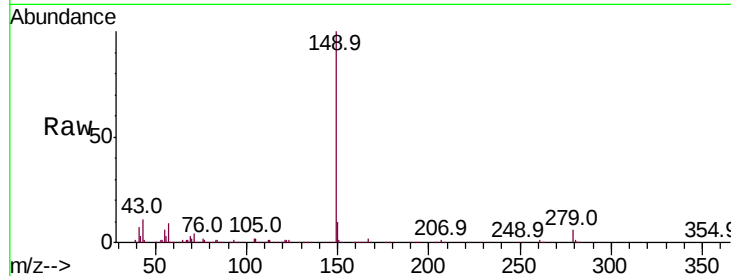
ClientSampleId :

PB116088BSD

Tot Ion:	149	Resp:	475165
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	10.1	9.3	13.9

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#86

Indeno(1,2,3-cd)pyrene

Concen: 43.289 ng

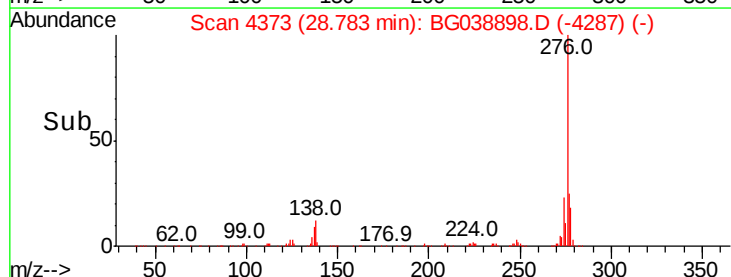
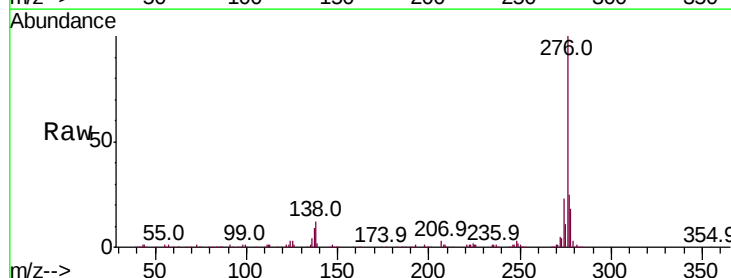
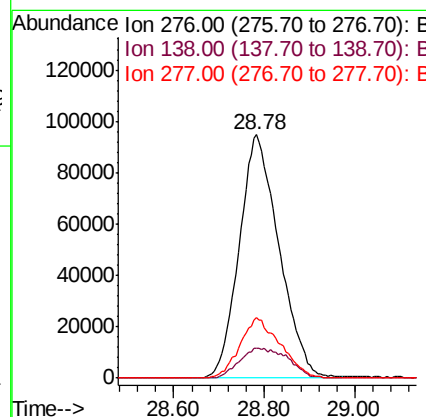
RT: 28.78 min Scan# 4373

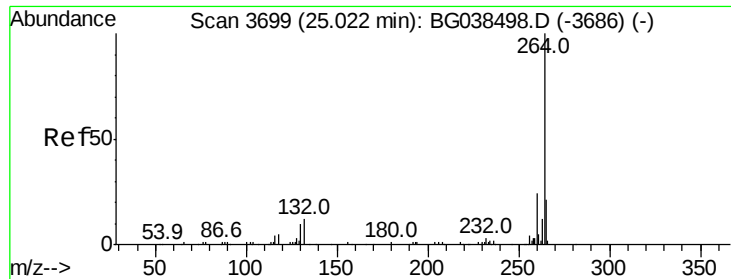
Delta R.T. -0.02 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Tgt Ion:	276	Resp:	577297
Ion Ratio	Lower	Upper	
276	100		
138	15.1	14.4	21.6
277	25.3	0.0	0.0#





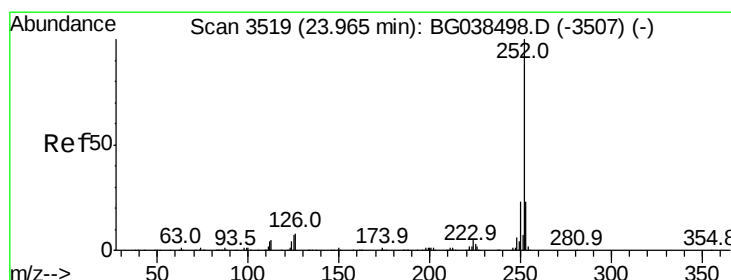
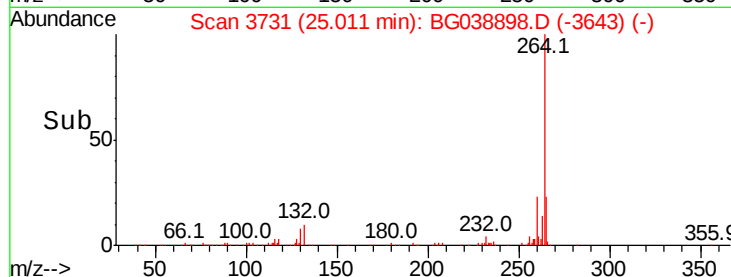
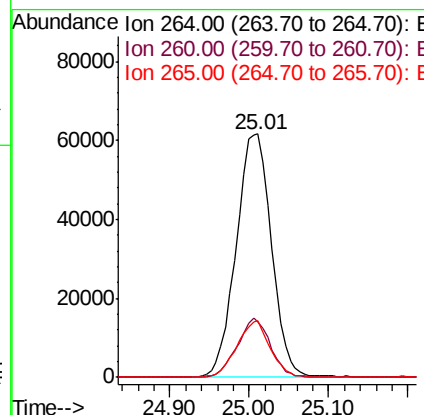
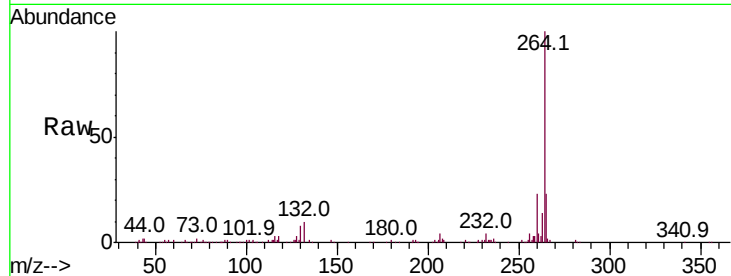
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3731
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.9	28.3
265	23.1	17.0	25.4

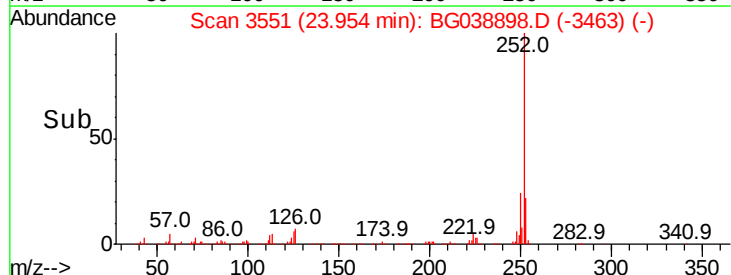
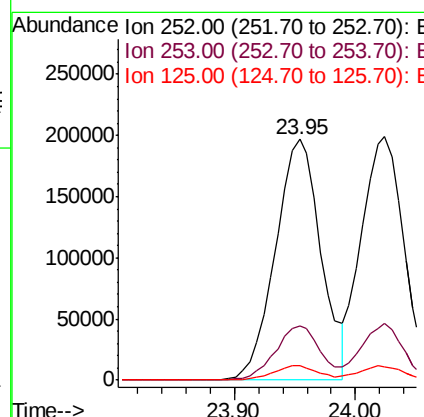
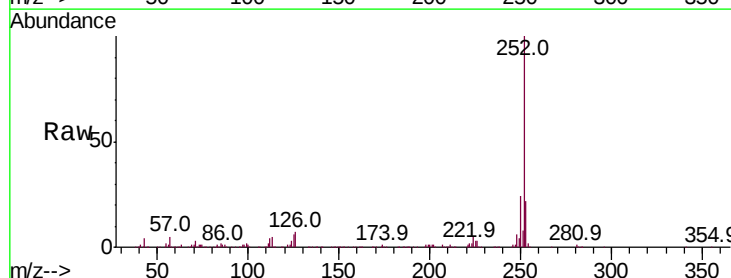
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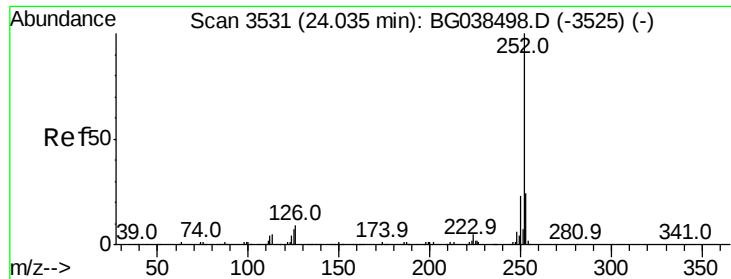
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#88
 Benzo(b)fluoranthene
 Concen: 49.189 ng
 RT: 23.95 min Scan# 3551
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	6.0	5.5	8.3





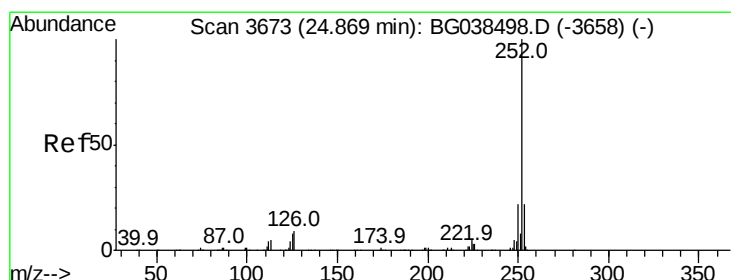
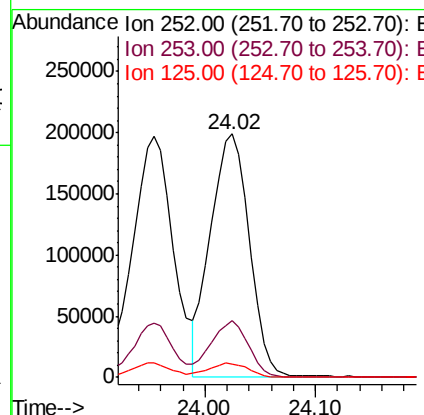
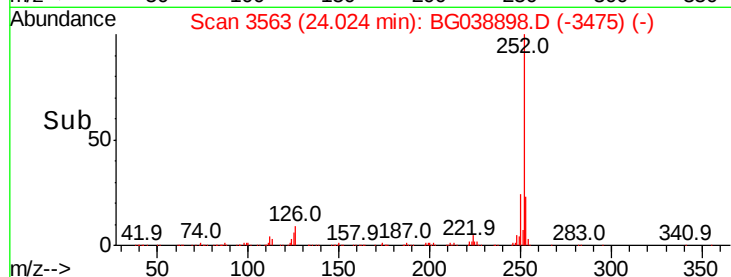
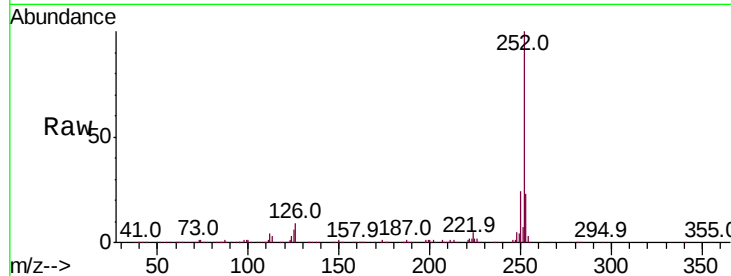
#89
Benzo(k)fluoranthene
Concen: 46.469 ng
RT: 24.02 min Scan# 3563
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB116088BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	5.7	5.4	8.2

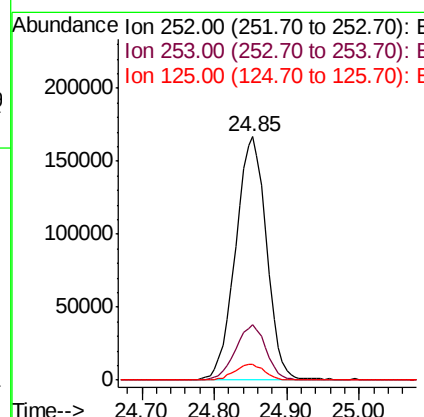
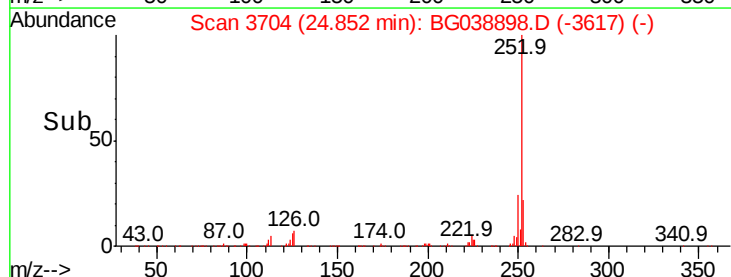
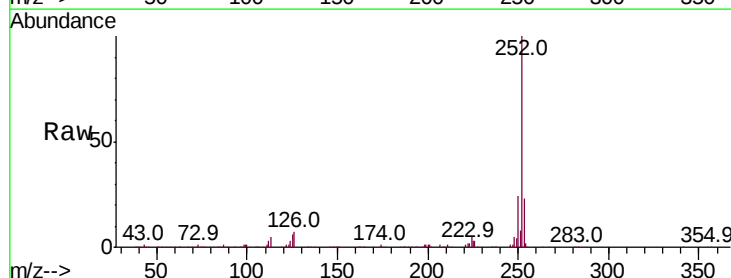
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#90
Benzo(a)pyrene
Concen: 48.733 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	6.2	6.4	9.6





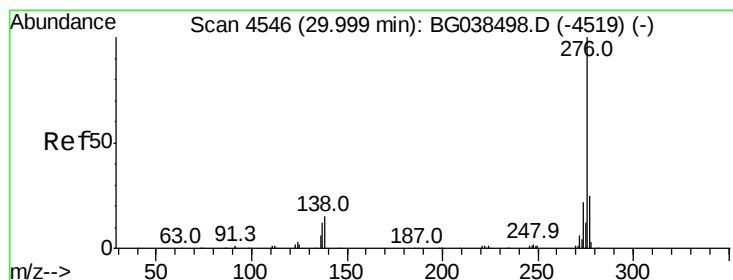
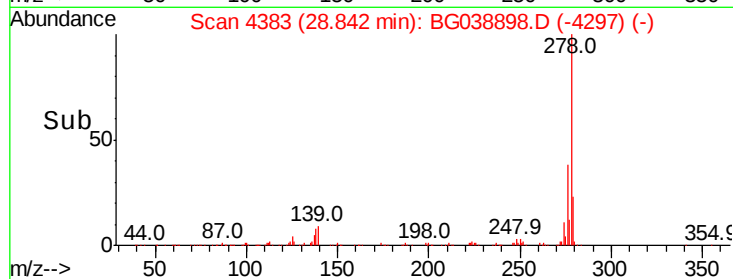
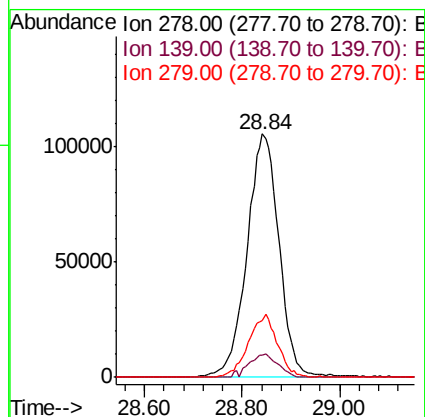
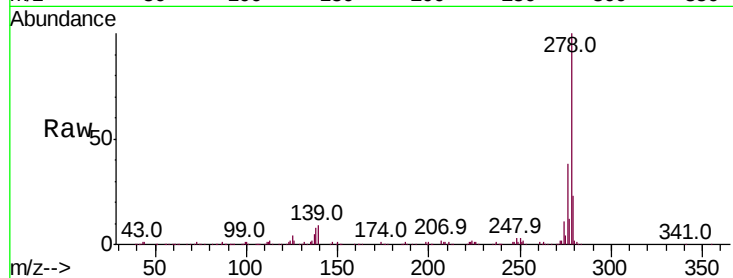
#91
Dibenzo(a,h)anthracene
Concen: 48.114 ng
RT: 28.84 min Scan# 4383
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB116088BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.3	8.6	12.8
279	23.2	19.0	28.6

Manual Integrations
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1/3/2019 11:16:17 AM



#92
Benzo(g,h,i)perylene
Concen: 48.967 ng
RT: 29.98 min Scan# 4576
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.8	29.8
138	11.9	11.8	17.6

