

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
 Data File : BG038614.D
 Acq On : 15 Dec 2018 21:26
 Operator : JU/SJ
 Sample : PB115720BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

Manual Integrations
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Sohil
 12/16/2018 2:01:20 PM

Quant Time: Dec 16 04:08:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20191	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	80667	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	51177	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	133189	20.00	ng	0.00
76) Chrysene-d12	21.72	240	145741	20.00	ng	0.00
87) Perylene-d12	25.02	264	159099	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	144775	127.18	ng	0.00
7) Phenol-d6	7.22	99	191496	122.54	ng	0.00
23) Nitrobenzene-d5	9.24	82	106415	67.39	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	85256	120.88	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	241291	64.68	ng	0.00
79) Terphenyl-d14	20.04	244	536687	80.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	24445	46.139	ng	91
3) Pyridine	3.89	79	53024	36.350	ng	93
4) n-Nitrosodimethylamine	3.81	42	34266	47.942	ng	# 89
6) Aniline	7.39	93	68208	34.190	ng	95
8) 2-Chlorophenol	7.62	128	58729	44.580	ng	98
9) Benzaldehyde	7.20	77	20339	20.062	ng	95
10) Phenol	7.24	94	76723	46.210	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	52778	39.927	ng	94
12) 1,3-Dichlorobenzene	7.94	146	60942	39.125	ng	95
13) 1,4-Dichlorobenzene	8.10	146	62308	39.058	ng	96
14) 1,2-Dichlorobenzene	8.41	146	60214	40.037	ng	98
15) Benzyl Alcohol	8.30	79	53883	44.173	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	120691	39.858	ng	99
17) 2-Methylphenol	8.50	107	50189	45.119	ng	95
18) Hexachloroethane	9.14	117	23628	40.533	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	43444	39.580	ng	96
20) 3+4-Methylphenols	8.83	107	67767	44.112	ng	94
22) Acetophenone	8.89	105	82834	41.111	ng	99
24) Nitrobenzene	9.28	77	68391	42.815	ng	98
25) Isophorone	9.79	82	121478	42.819	ng	97
26) 2-Nitrophenol	9.99	139	33866	41.423	ng	96
27) 2,4-Dimethylphenol	10.04	122	57138	48.765	ng	98
28) bis(2-Chloroethoxy)methane	10.28	93	70537	44.058	ng	95
29) 2,4-Dichlorophenol	10.52	162	60112	46.116	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	65573	41.647	ng	95
31) Naphthalene	10.93	128	174495	43.903	ng	98
32) Benzoic acid	10.19	122	22462m	33.954	ng	
33) 4-Chloroaniline	11.05	127	40291	23.350	ng	# 94
34) Hexachlorobutadiene	11.19	225	42477	39.870	ng	98
35) Caprolactam	11.82	113	19744	36.600	ng	# 91
36) 4-Chloro-3-methylphenol	12.15	107	62533	42.039	ng	98
37) 2-Methylnaphthalene	12.53	142	129200	45.565	ng	99
38) 1-Methylnaphthalene	12.74	142	123853	45.013	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	76938	40.219	ng	98

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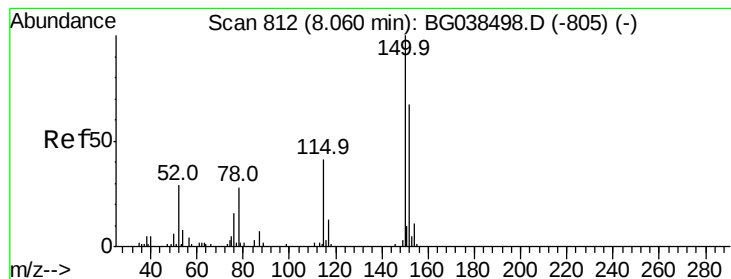
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	108361	103.105	ng	96
43) 2,4,6-Trichlorophenol	13.13	196	51979	44.192	ng	95
44) 2,4,5-Trichlorophenol	13.20	196	55866	44.860	ng	100
46) 1,1'-Biphenyl	13.53	154	170000	39.624	ng	99
47) 2-Chloronaphthalene	13.58	162	138081	41.666	ng	97
48) 2-Nitroaniline	13.79	65	46676	44.218	ng	94
49) Acenaphthylene	14.42	152	223330	45.078	ng	99
50) Dimethylphthalate	14.14	163	182976	43.782	ng	99
51) 2,6-Dinitrotoluene	14.28	165	41747	44.079	ng	99
52) Acenaphthene	14.76	154	126976	42.861	ng	94
53) 3-Nitroaniline	14.61	138	29243	30.289	ng	96
54) 2,4-Dinitrophenol	14.82	184	46366	82.131	ng	95
55) Dibenzofuran	15.09	168	215847	42.505	ng	97
56) 4-Nitrophenol	14.91	139	66226	90.421	ng	93
57) 2,4-Dinitrotoluene	15.06	165	59859	44.874	ng	98
58) Fluorene	15.74	166	172765	45.920	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	53145	47.433	ng	99
60) Diethylphthalate	15.50	149	192044	41.858	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	97201	41.407	ng	97
62) 4-Nitroaniline	15.78	138	46327	46.609	ng	96
63) Azobenzene	16.02	77	166441	43.426	ng	99
65) 4,6-Dinitro-2-methylphenol	15.82	198	38423	40.441	ng	97
66) n-Nitrosodiphenylamine	15.95	169	160417	40.992	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	64603	39.716	ng	91
68) Hexachlorobenzene	16.74	284	68014	40.336	ng	99
69) Atrazine	16.89	200	68710	47.311	ng	97
70) Pentachlorophenol	17.09	266	72947	73.141	ng	98
71) Phenanthrene	17.49	178	314246	45.499	ng	99
72) Anthracene	17.58	178	317514	46.567	ng	100
73) Carbazole	17.85	167	294644	43.695	ng	99
74) Di-n-butylphthalate	18.38	149	354554	45.823	ng	99
75) Fluoranthene	19.49	202	405582	47.461	ng	97
77) Benzidine	19.68	184	210707	48.886	ng	100
78) Pyrene	19.86	202	408485	42.426	ng	100
80) Butylbenzylphthalate	20.72	149	163197	43.385	ng	99
81) Benzo(a)anthracene	21.70	228	406839	45.812	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	100685	28.586	ng	98
83) Chrysene	21.77	228	378272	44.222	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	232781	43.633	ng	99
85) Di-n-octyl phthalate	22.80	149	397361	44.474	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	469475	46.684	ng	# 87
88) Benzo(b)fluoranthene	23.96	252	404427	46.299	ng	99
89) Benzo(k)fluoranthene	24.03	252	402727	46.299	ng	98
90) Benzo(a)pyrene	24.86	252	396376	47.036	ng	99
91) Dibenzo(a,h)anthracene	28.86	278	392355	46.761	ng	100
92) Benzo(g,h,i)perylene	30.00	276	383630	46.393	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

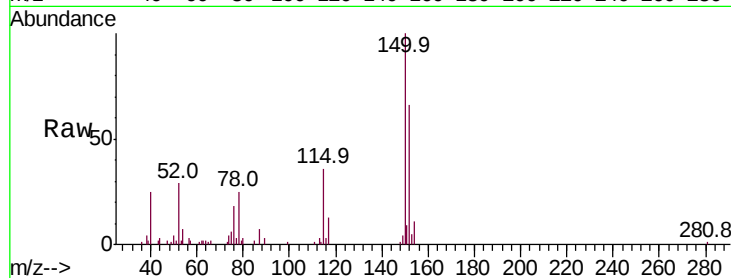
ClientSampleId :

PB115720BS

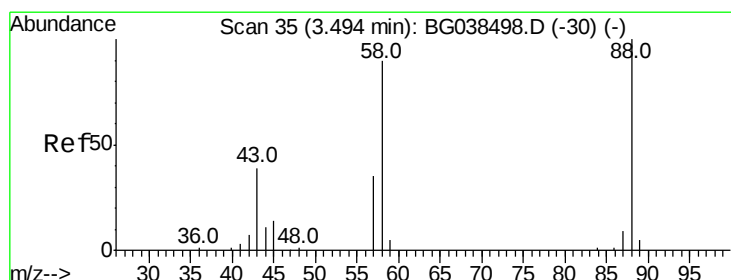
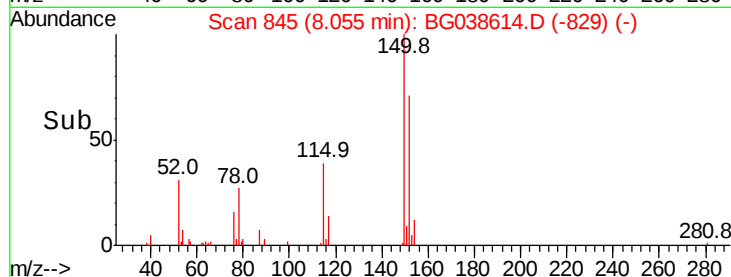
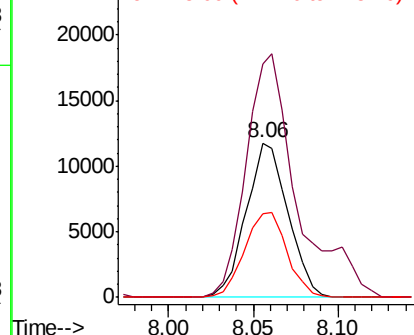
Tot Ion:	152	Resp:	20191
Ion Ratio	Lower	Upper	
152	100		
150	150.9	119.5	179.3
115	54.3	49.6	74.4

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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: 46.139 ng

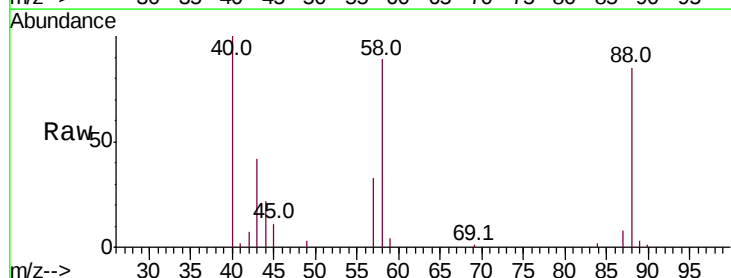
RT: 3.49 min Scan# 68

Delta R.T. -0.00 min

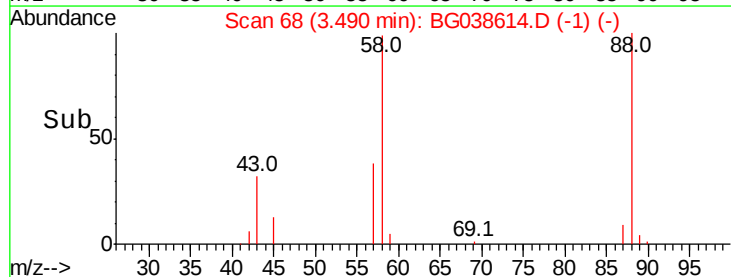
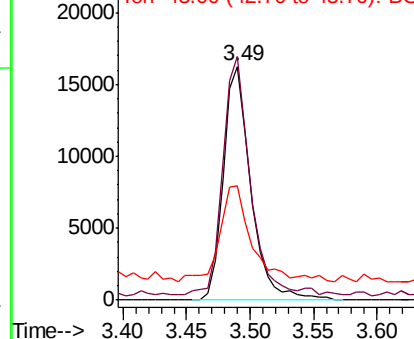
Lab File: BG038614.D

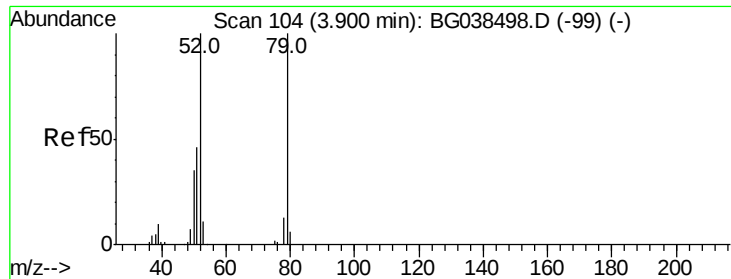
Acq: 15 Dec 2018 21:26

Tgt Ion:	88	Resp:	24445
Ion Ratio	Lower	Upper	
88	100		
58	102.3	75.7	113.5
43	46.0	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





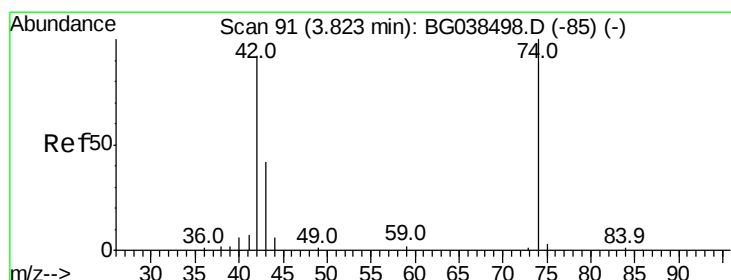
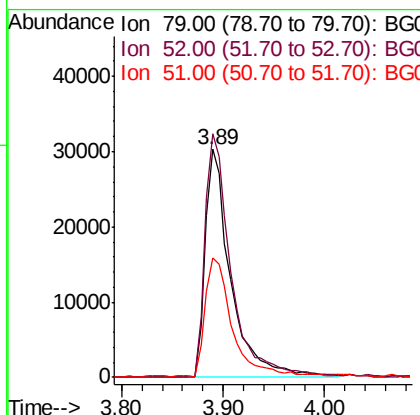
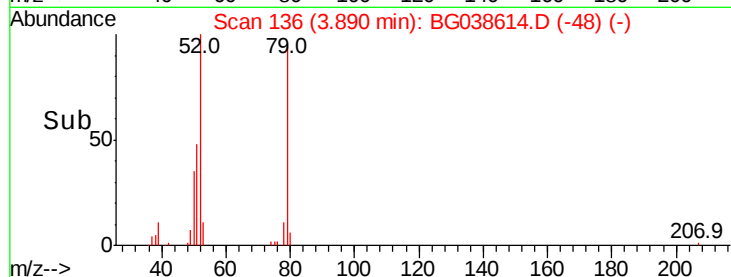
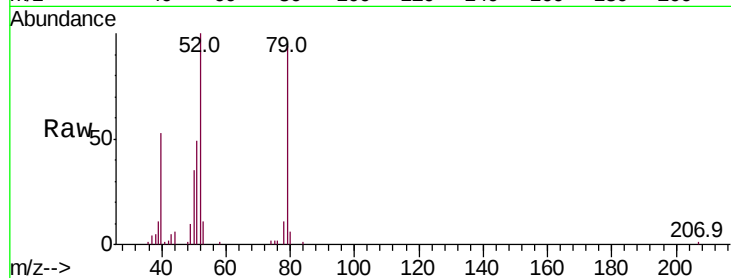
#3
 Pvridine
 Concen: 36.350 ng
 RT: 3.89 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

Tot Ion: 79 Resp: 53024
 Ion Ratio Lower Upper
 79 100
 52 106.8 80.2 120.2
 51 52.2 38.0 57.0

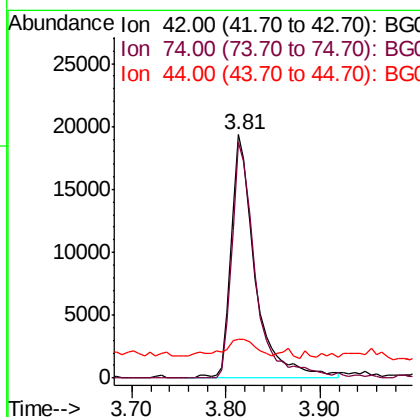
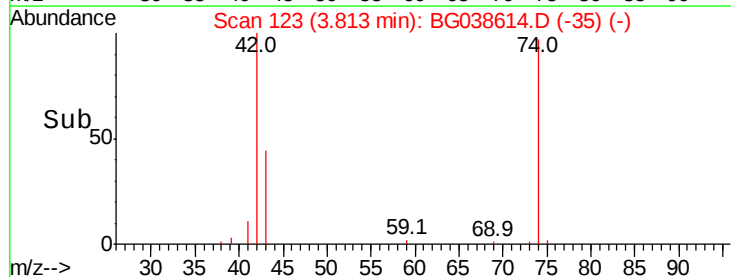
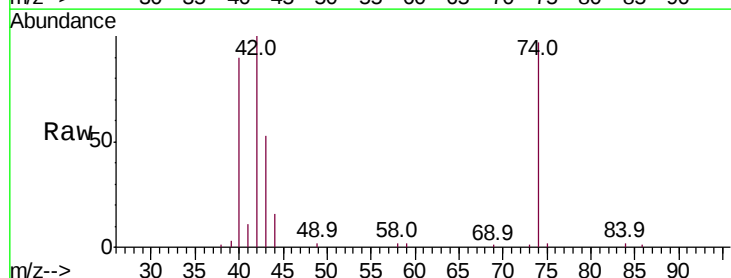
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#4
 n-Nitrosodimethylamine
 Concen: 47.942 ng
 RT: 3.81 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion: 42 Resp: 34266
 Ion Ratio Lower Upper
 42 100
 74 97.1 86.7 130.1
 44 15.9 7.8 11.8#





#5

2-Fluorophenol

Concen: 127.176 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

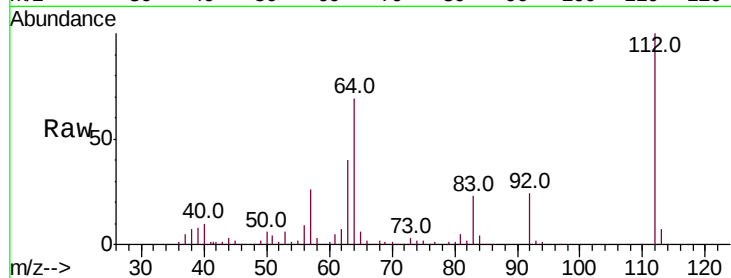
ClientSampleID :

PB115720BS

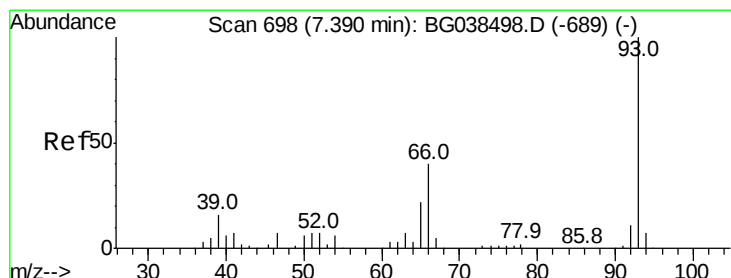
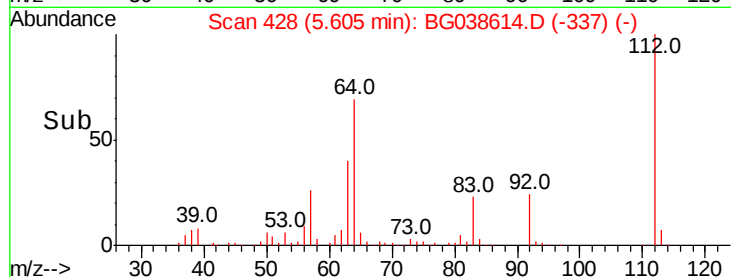
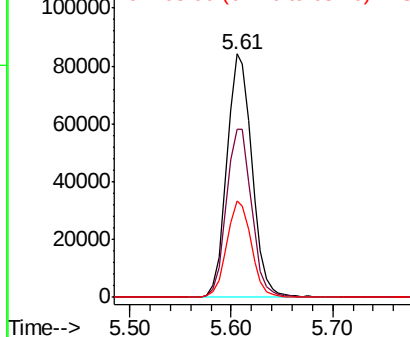
Tot Ion:	112	Resp:	144775
Ion Ratio	Lower	Upper	
112	100		
64	69.0	53.4	80.2
63	39.6	29.3	43.9

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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: 34.190 ng

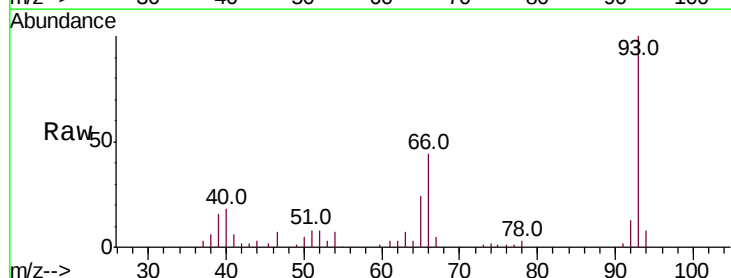
RT: 7.39 min Scan# 731

Delta R.T. -0.00 min

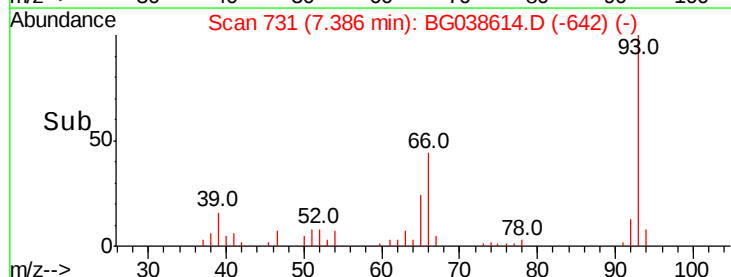
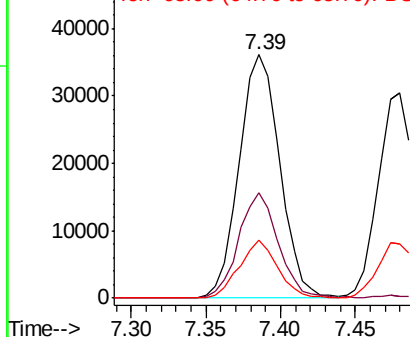
Lab File: BG038614.D

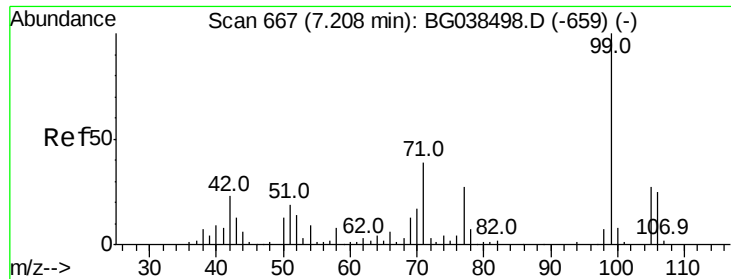
Acq: 15 Dec 2018 21:26

Tgt Ion:	93	Resp:	68208
Ion Ratio	Lower	Upper	
93	100		
66	43.5	31.7	47.5
65	23.8	17.8	26.6



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





#7

Phenol-d6

Concen: 122.535 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

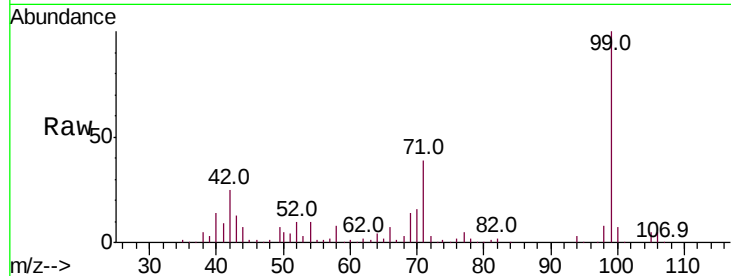
ClientSampleId :

PB115720BS

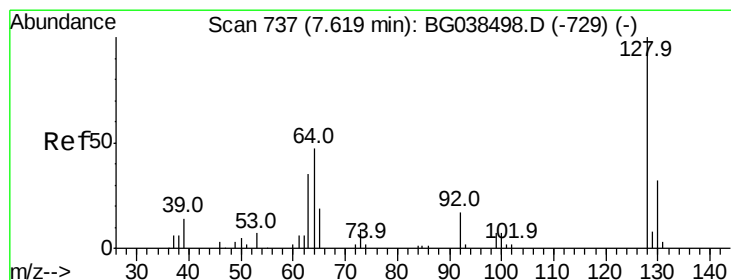
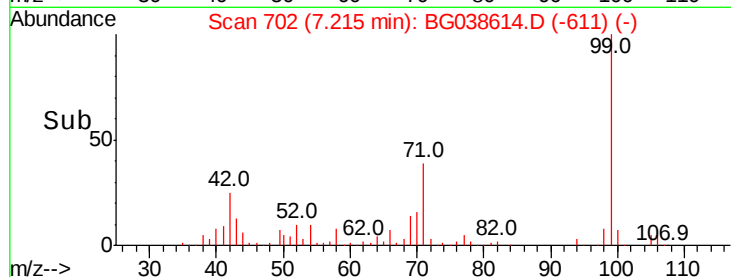
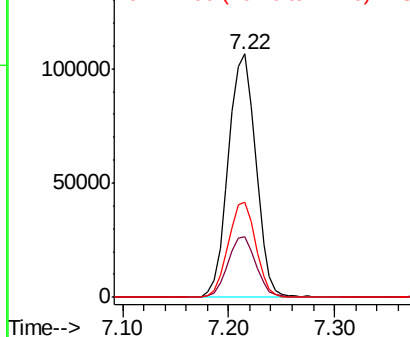
Tot Ion:	99	Resp:	191496
Ion Ratio	Lower	Upper	
99	100		
42	24.6	18.5	27.7
71	39.0	31.1	46.7

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



#8

2-Chlorophenol

Concen: 44.580 ng

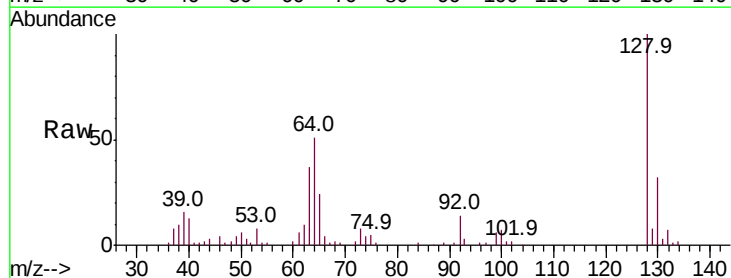
RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

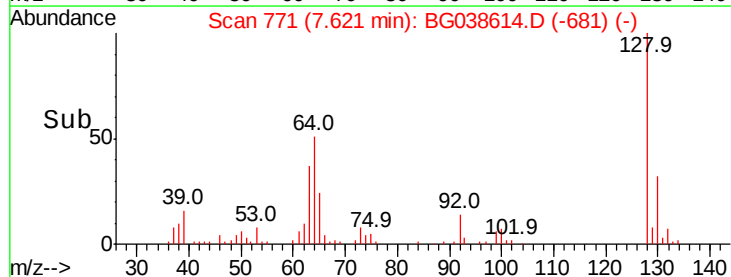
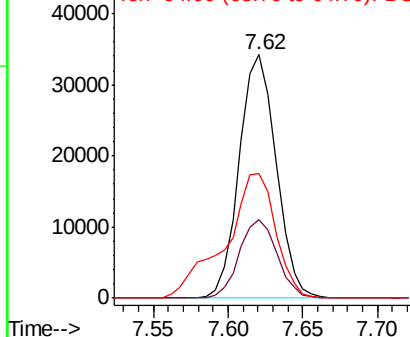
Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Tgt Ion:	128	Resp:	58729
Ion Ratio	Lower	Upper	
128	100		
130	32.2	11.8	51.8
64	51.0	33.2	73.2



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





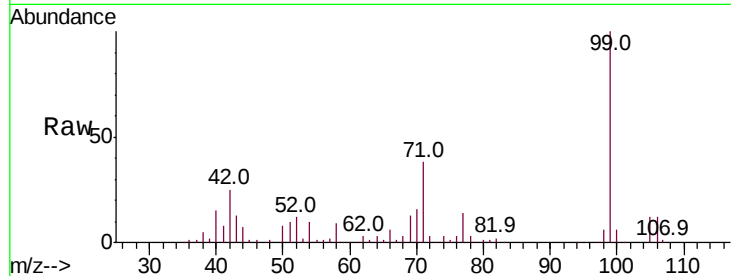
#9
Benzaldehyde
Concen: 20.062 ng
RT: 7.20 min Scan# 700
Delta R.T. 0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

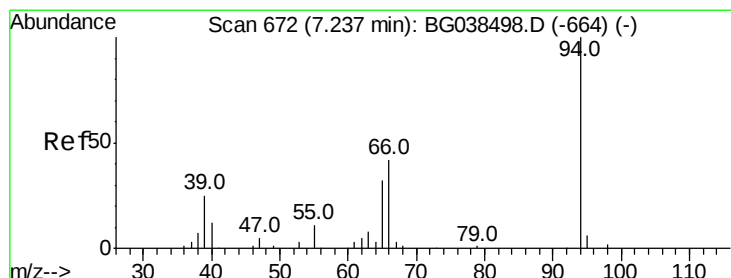
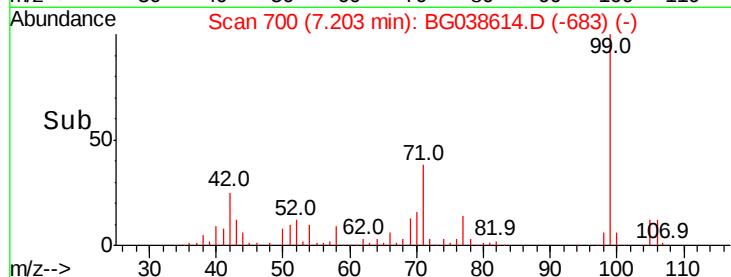
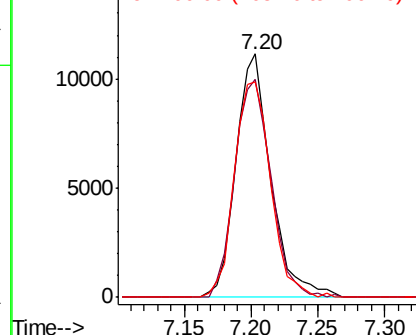
Tot Ion	Ratio	Lower	Upper
77	100		
105	89.6	74.0	114.0
106	88.4	73.9	113.9

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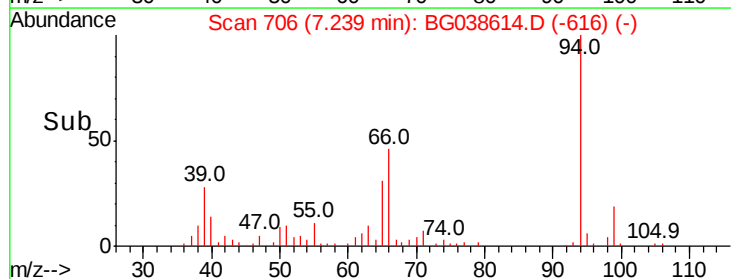
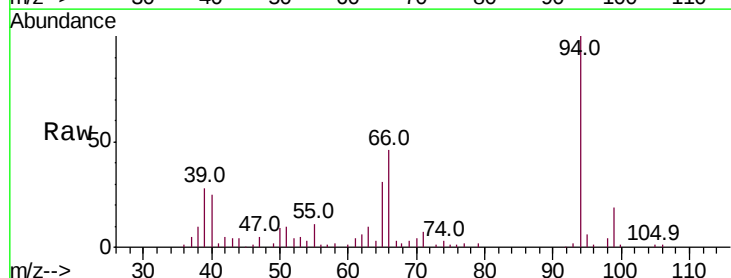
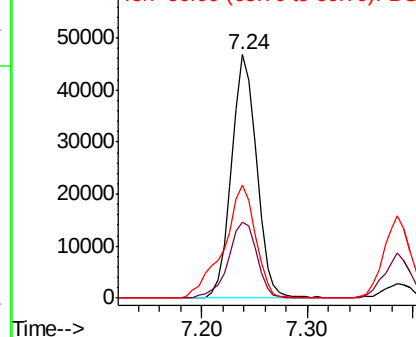
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

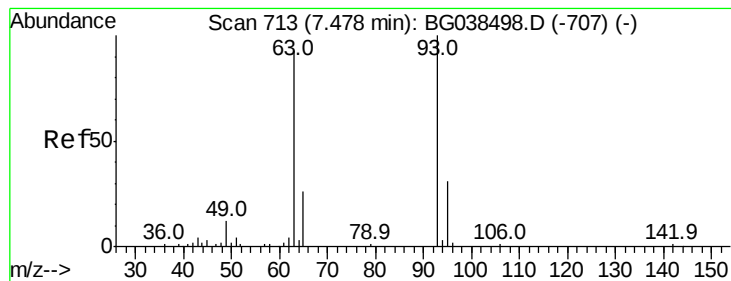


#10
Phenol
Concen: 46.210 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.4	12.6	52.6
66	46.3	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





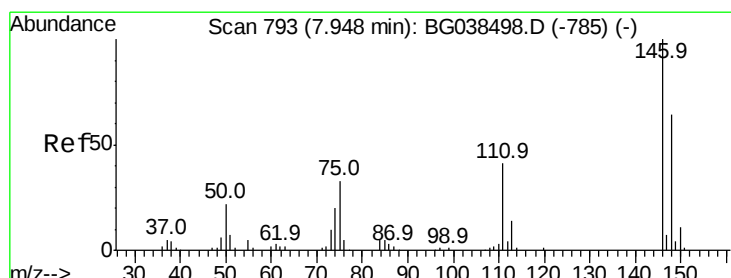
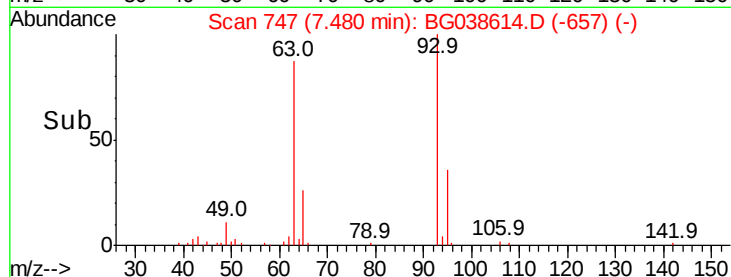
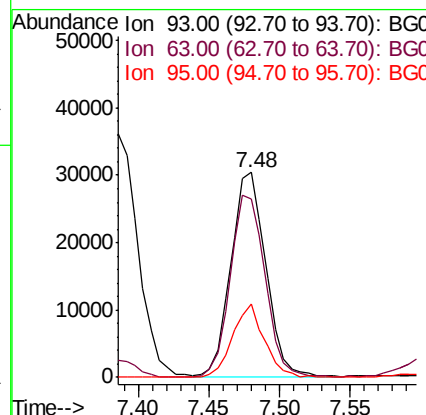
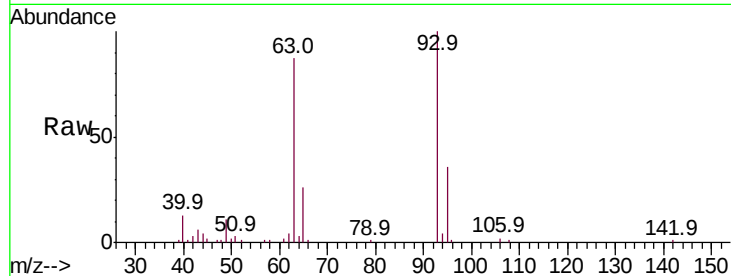
#11
bis(2-Chloroethyl)ether
Concen: 39.927 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.3	72.2	112.2
95	35.7	11.2	51.2

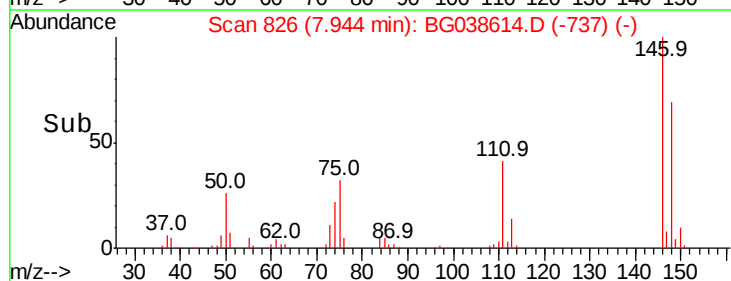
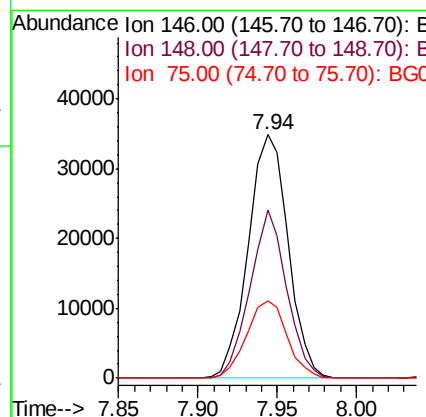
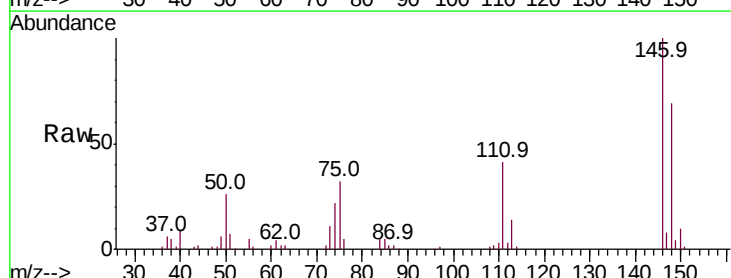
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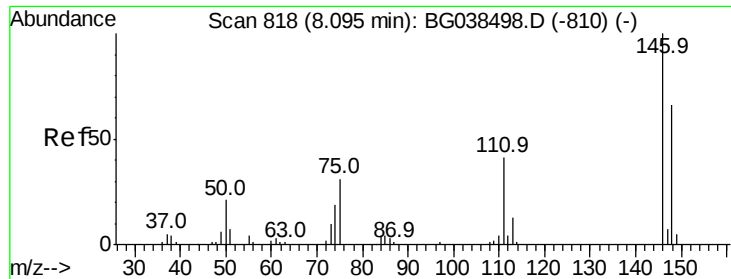
Sohil
12/16/2018 2:01:20 PM



#12
1,3-Dichlorobenzene
Concen: 39.125 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.9	51.4	77.0
75	31.6	26.1	39.1





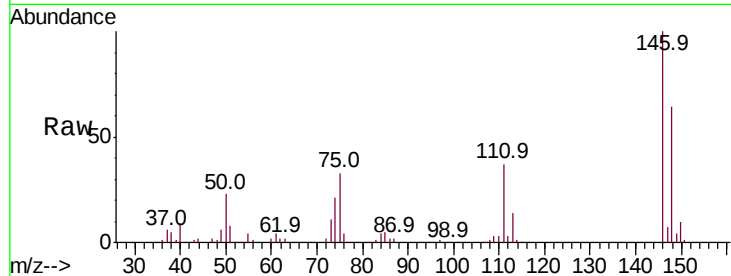
#13
 1,4-Dichlorobenzene
 Concen: 39.058 ng
 RT: 8.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Instrument :
 BNA_G
 ClientSampleID :
 PB115720BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.4	78.6
111	37.4	33.0	49.4

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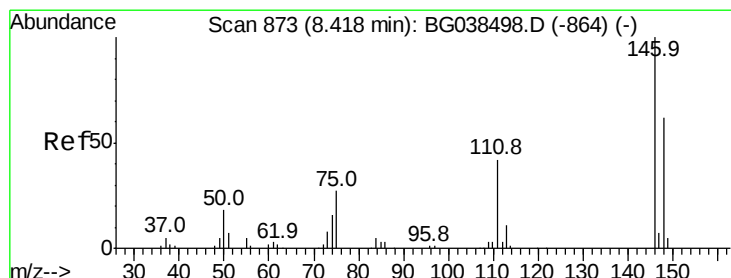
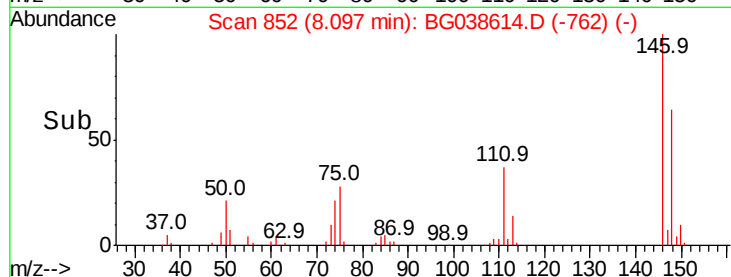
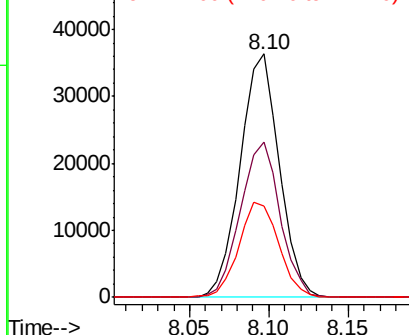


Abundance

Ion 146.00 (145.70 to 146.70): E

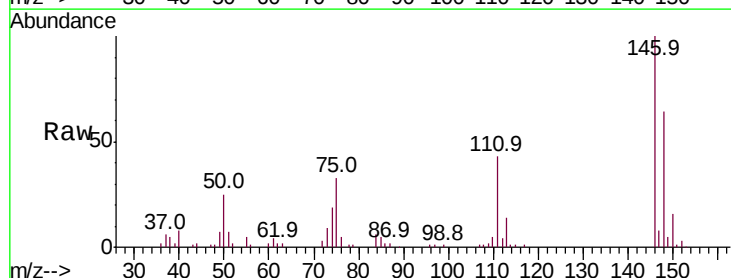
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.037 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	49.4	74.0
111	43.3	33.8	50.6

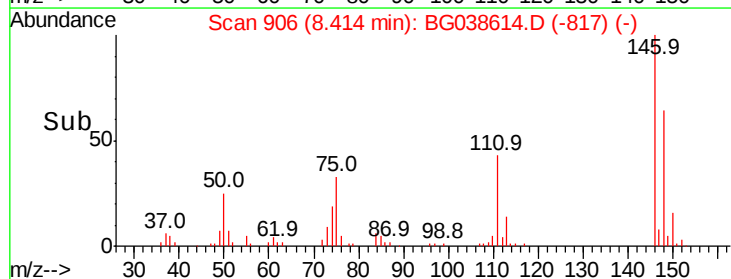
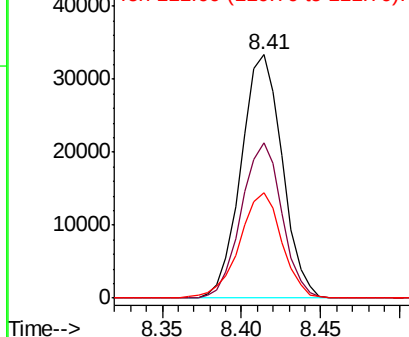


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.173 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

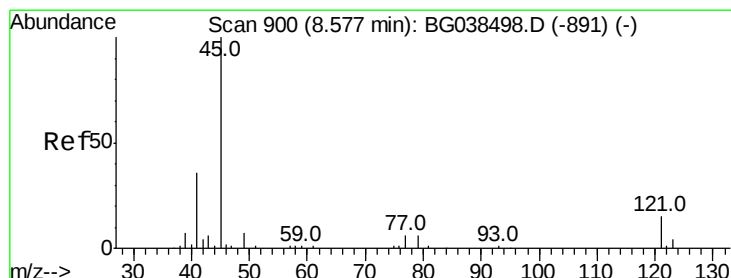
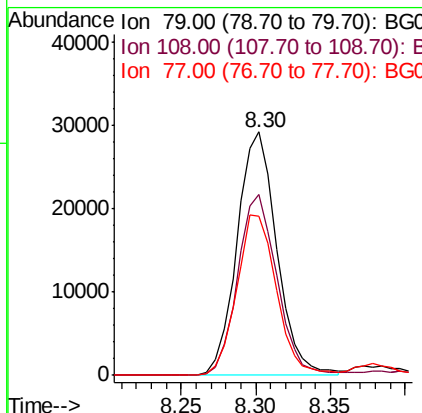
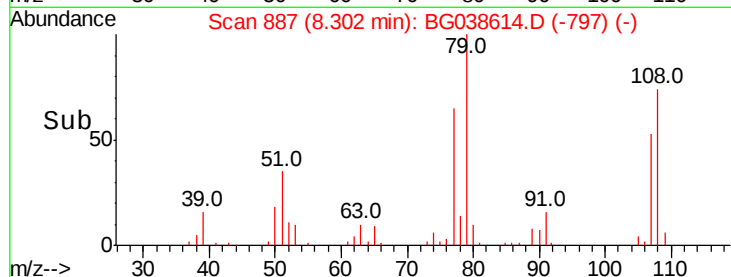
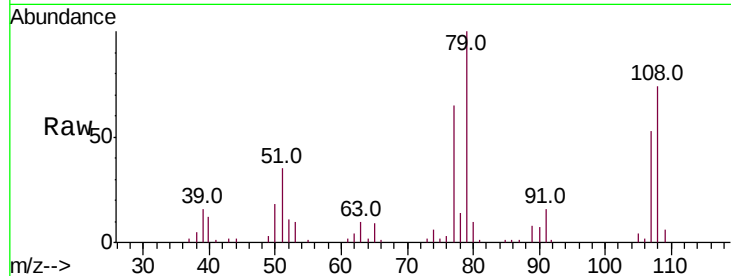
ClientSampleId :

PB115720BS

Tot Ion:	79	Resp:	53883
Ion Ratio	Lower	Upper	
79	100		
108	74.1	60.2	90.4
77	65.4	50.7	76.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.858 ng

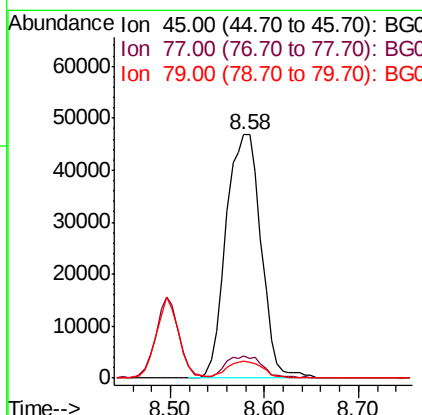
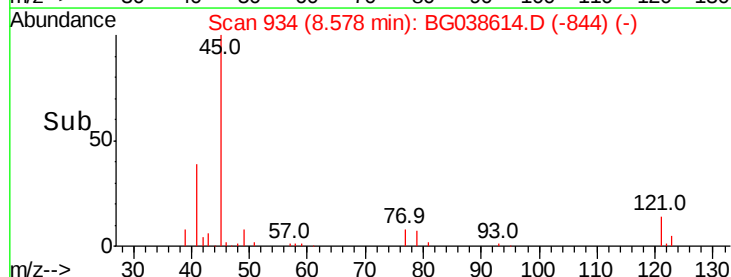
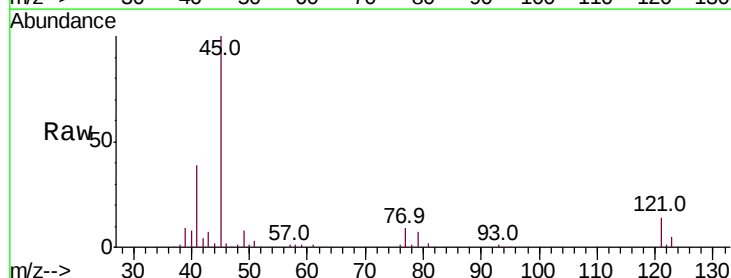
RT: 8.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Tgt Ion:	45	Resp:	120691
Ion Ratio	Lower	Upper	
45	100		
77	8.9	0.0	28.2
79	7.2	0.0	27.2





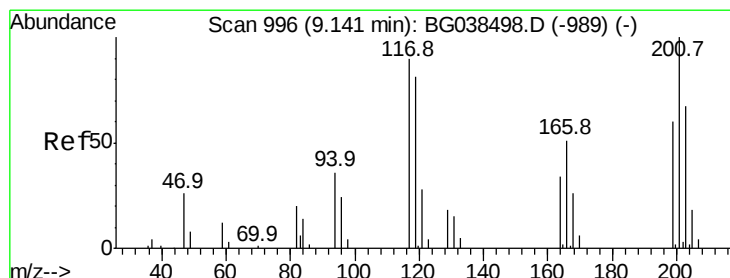
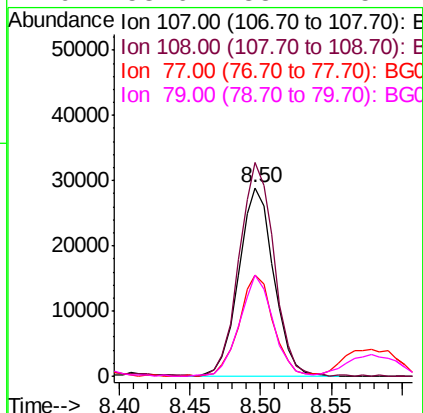
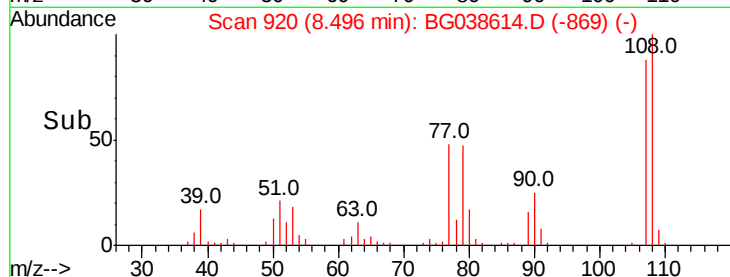
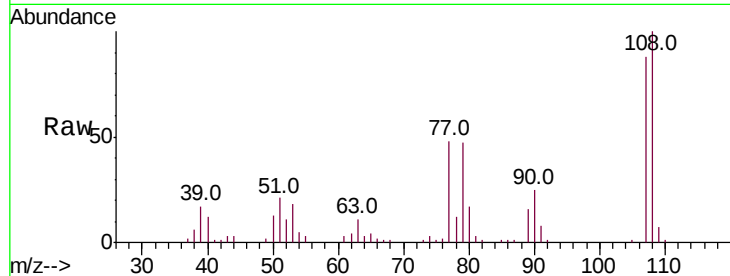
#17
2-Methylphenol
Concen: 45.119 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	87.1	130.7	
77	53.9	42.0	63.0	
79	53.6	38.2	57.2	

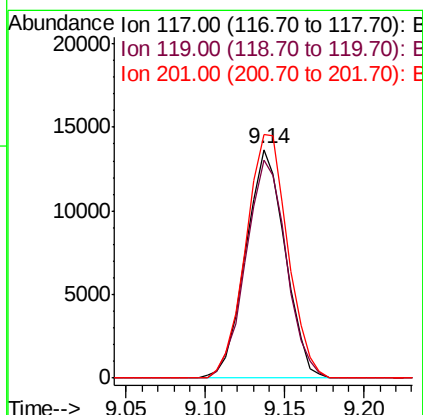
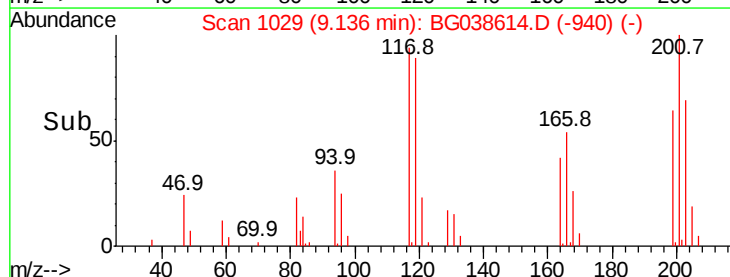
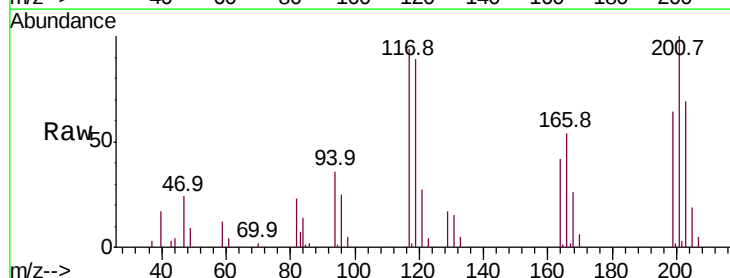
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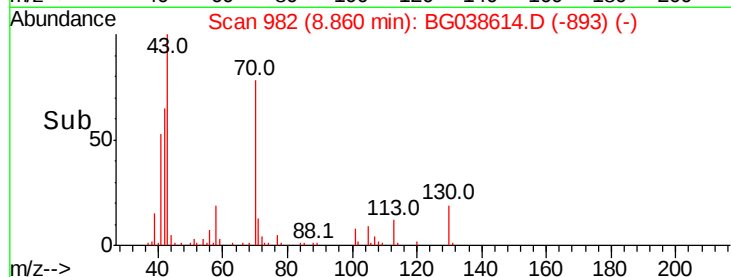
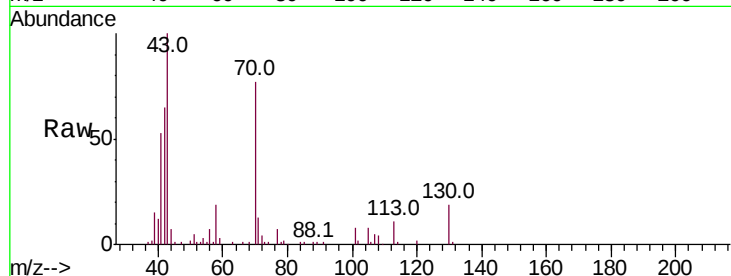
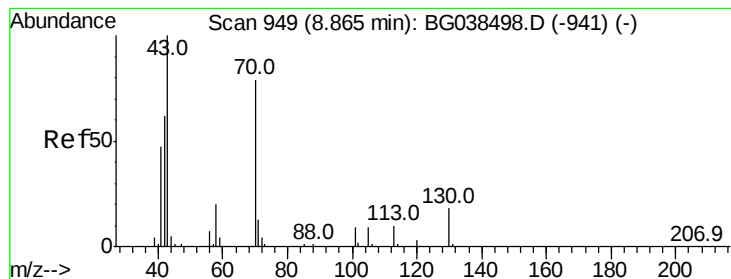
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#18
Hexachloroethane
Concen: 40.533 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	73.8	110.8	
201	109.6	89.4	134.0	





#19

n-Nitroso-di-n-propylamine

Concen: 39.580 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

ClientSampleId :

PB115720BS

Tot Ion: 70 Resp: 43444

Ion Ratio Lower Upper

70 100

42 83.8 63.6 95.4

101 10.9 9.2 13.8

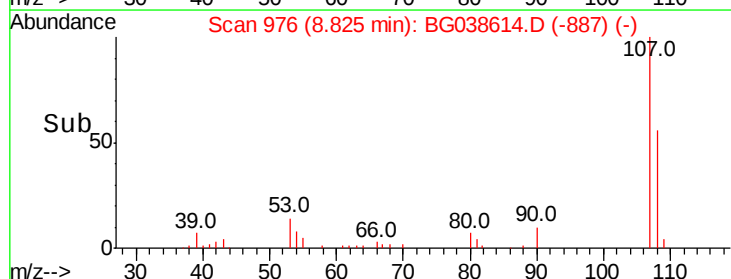
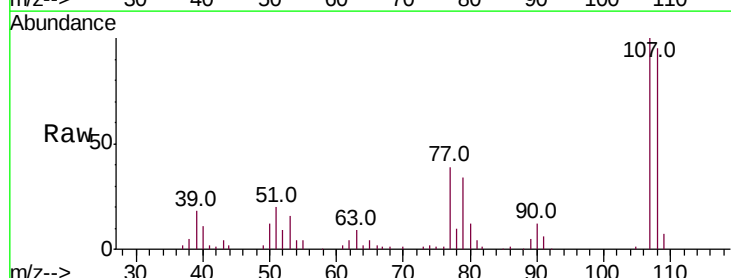
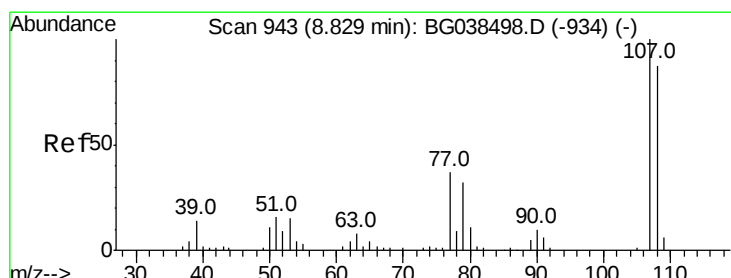
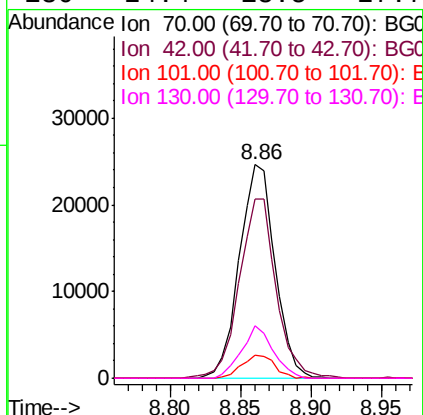
130 24.4 18.5 27.7

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12/16/2018 2:01:20 PM



#20

3+4-Methylphenols

Concen: 44.112 ng

RT: 8.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Tgt Ion: 107 Resp: 67767

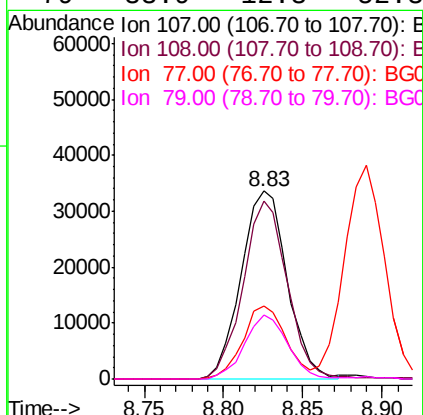
Ion Ratio Lower Upper

107 100

108 94.9 66.7 106.7

77 39.0 17.3 57.3

79 33.9 12.3 52.3





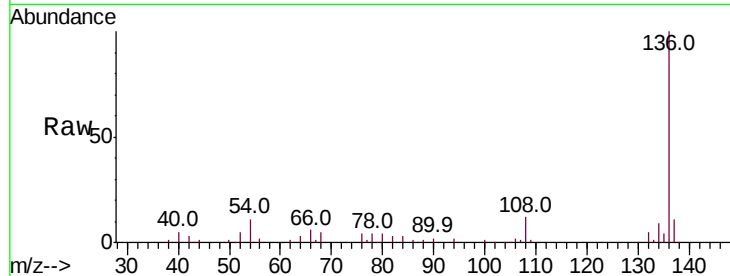
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

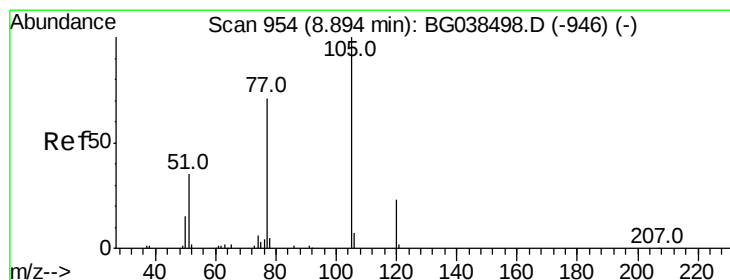
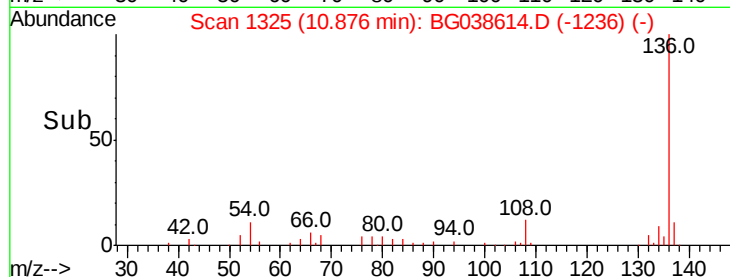
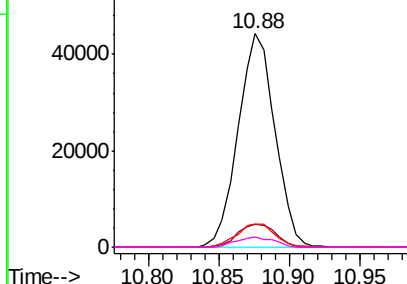
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.3	13.9	
54	10.7	8.5	12.7	
68	4.7	3.5	5.3	

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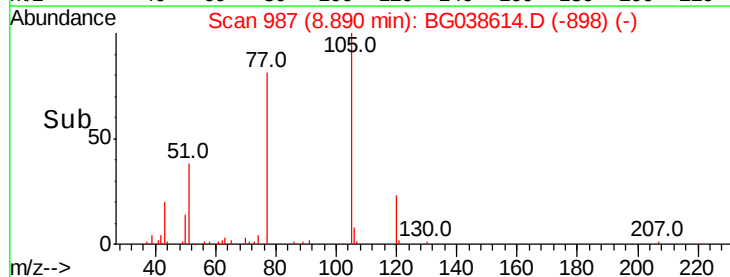
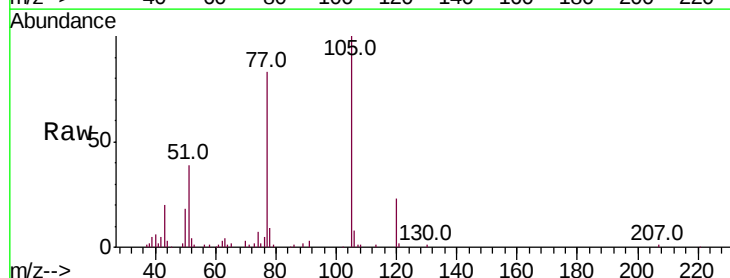
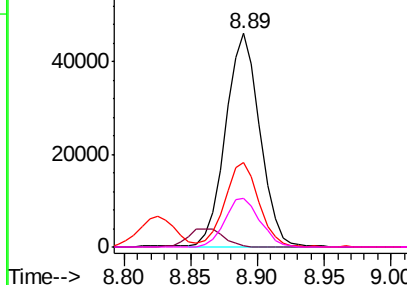
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

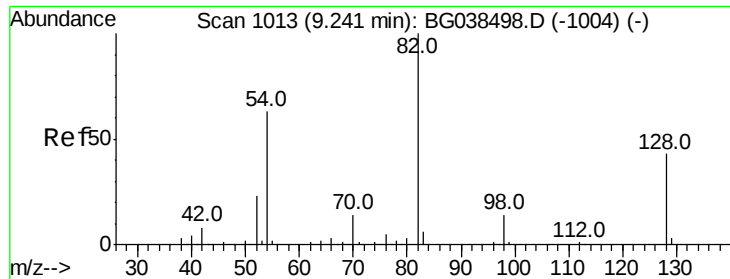


#22
Acetophenone
Concen: 41.111 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	0.4	0.6	
51	39.4	30.6	46.0	
120	23.0	18.6	28.0	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





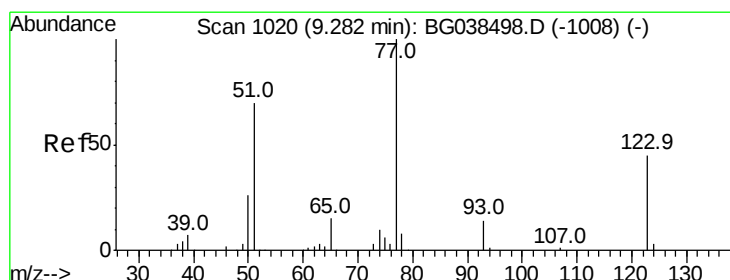
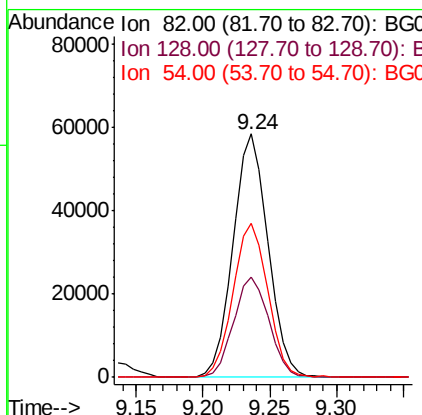
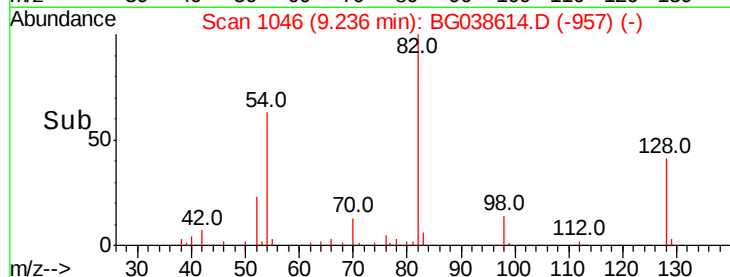
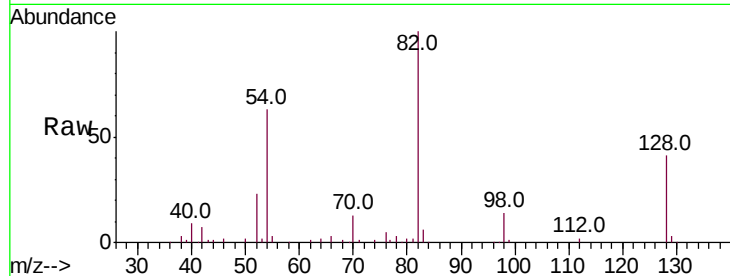
#23
Nitrobenzene-d5
Concen: 67.394 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	41.2	34.6	52.0
54	63.1	50.6	76.0

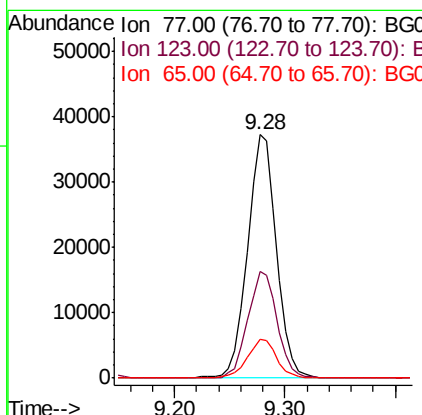
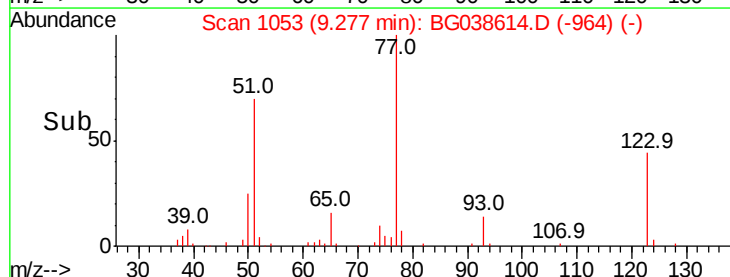
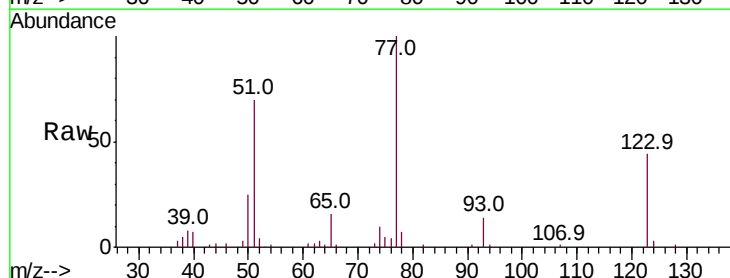
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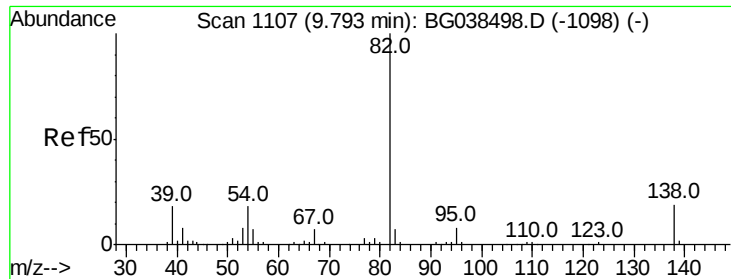
Sohil
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#24
Nitrobenzene
Concen: 42.815 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	43.6	35.9	53.9
65	15.9	12.0	18.0





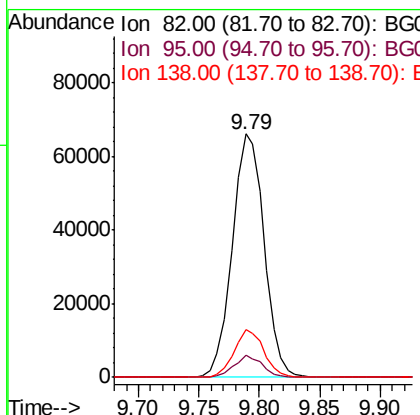
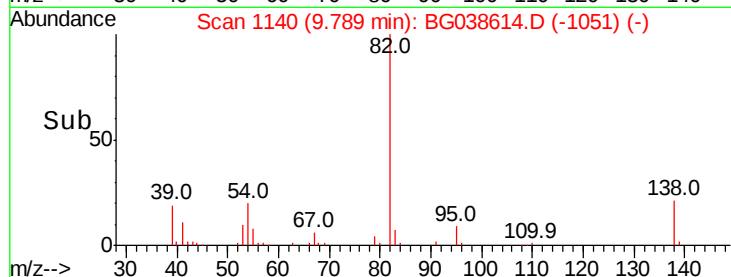
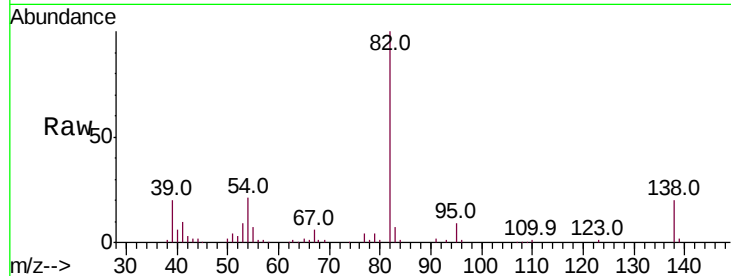
#25
Isophorone
Concen: 42.819 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	9.0	6.1	9.1	
138	19.5	14.9	22.3	

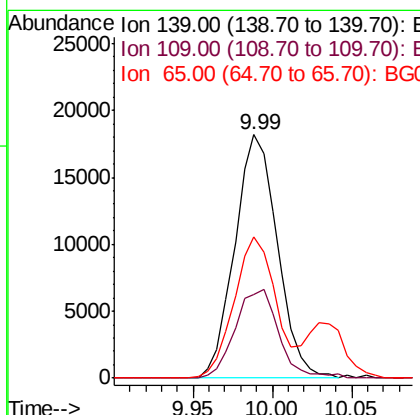
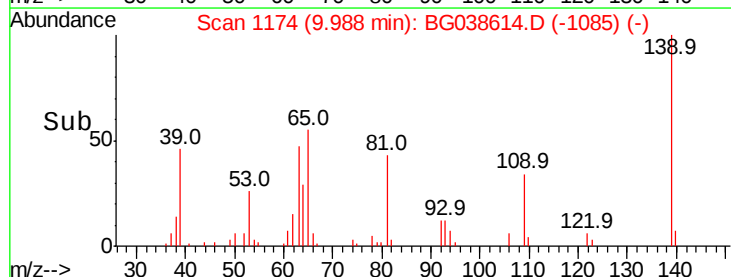
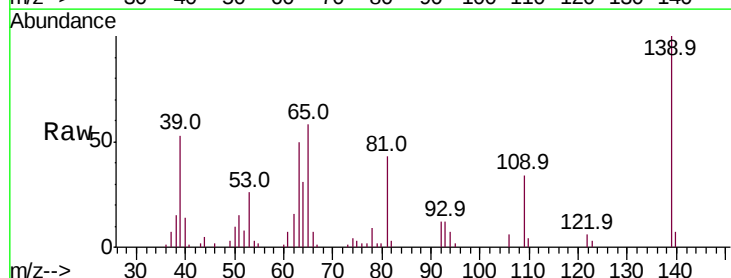
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#26
2-Nitrophenol
Concen: 41.423 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	34.3	29.5	44.3	
65	57.8	48.5	72.7	





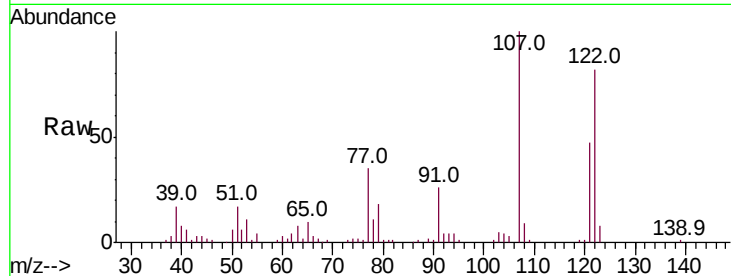
#27
2,4-Dimethylphenol
Concen: 48.765 ng
RT: 10.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.6	98.4	147.6
121	57.4	47.2	70.8

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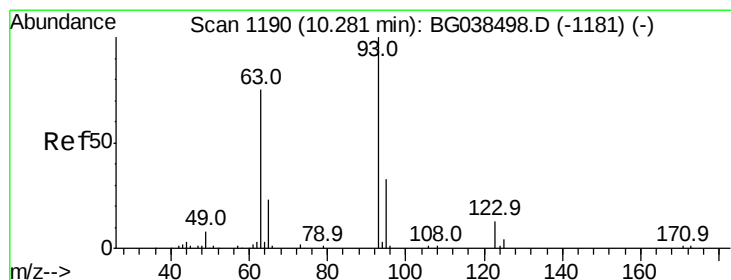
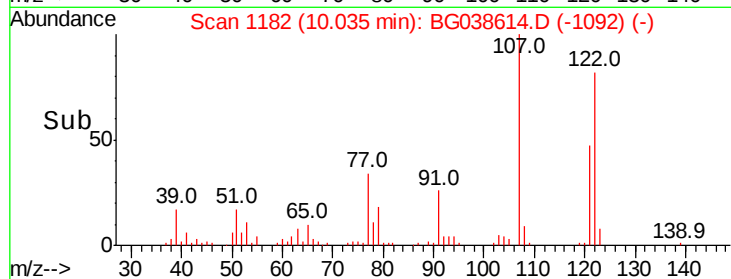
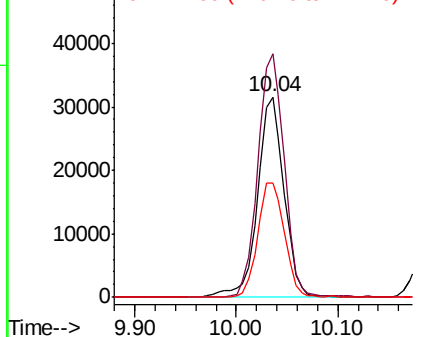


Abundance

Ion 122.00 (121.70 to 122.70): E

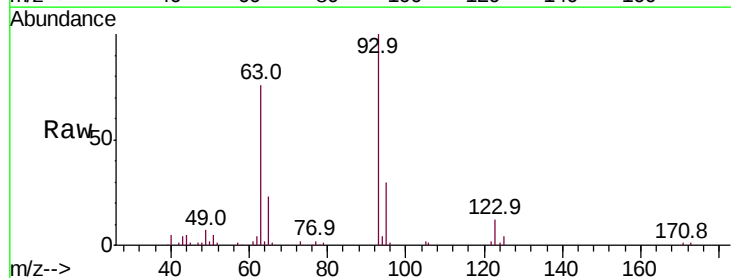
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 44.058 ng
RT: 10.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.2	26.6	40.0
123	11.7	10.6	16.0

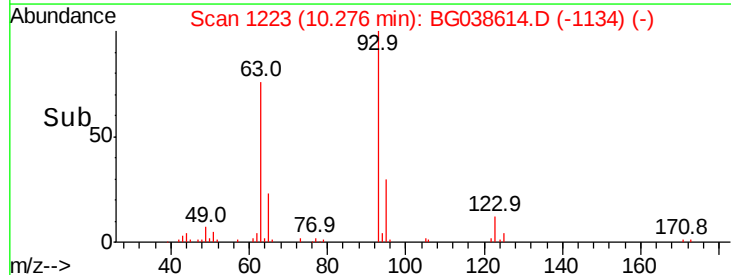
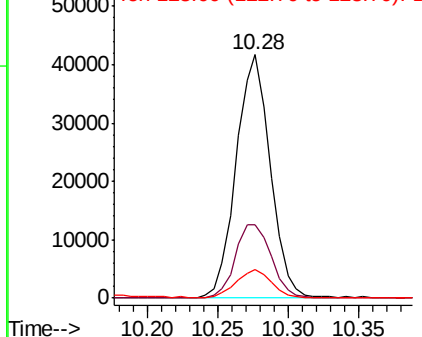


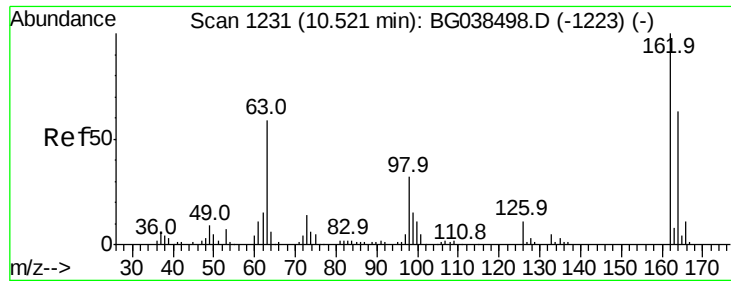
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





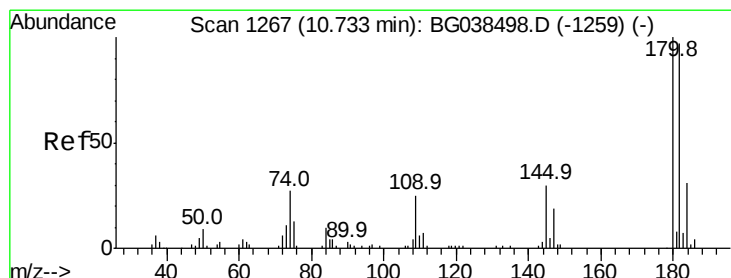
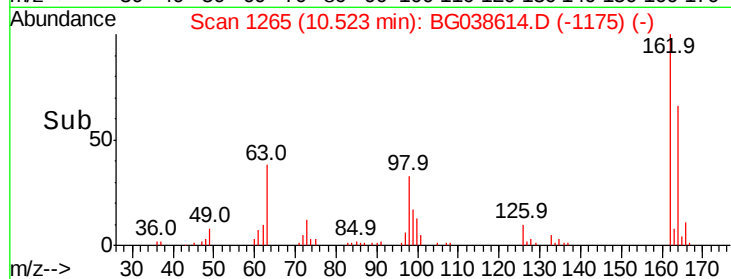
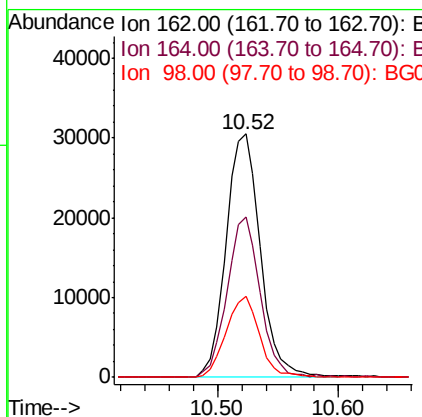
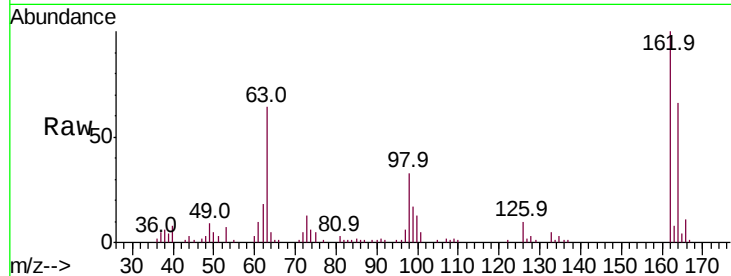
#29
 2,4-Dichlorophenol
 Concen: 46.116 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	60112		
164	65.7		42.9	82.9
98	33.3		12.1	52.1

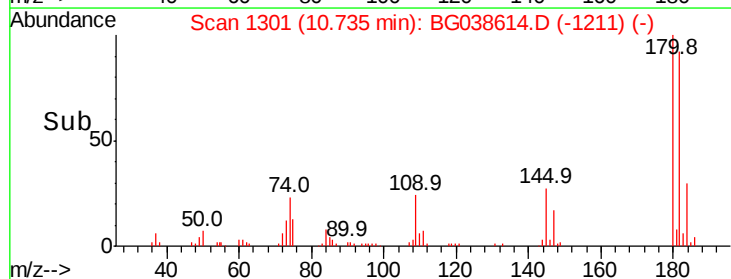
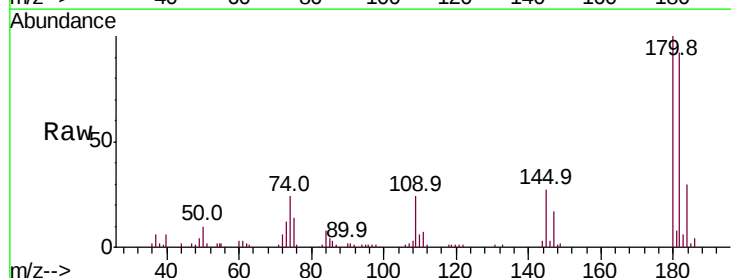
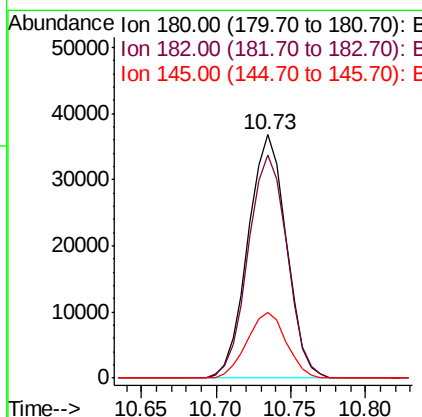
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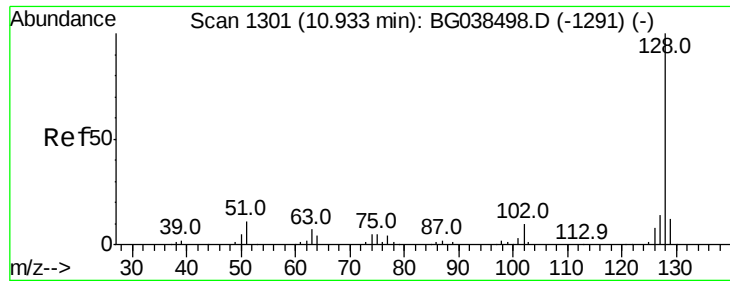
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.647 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	65573		
182	91.8		77.4	116.0
145	26.9		24.1	36.1





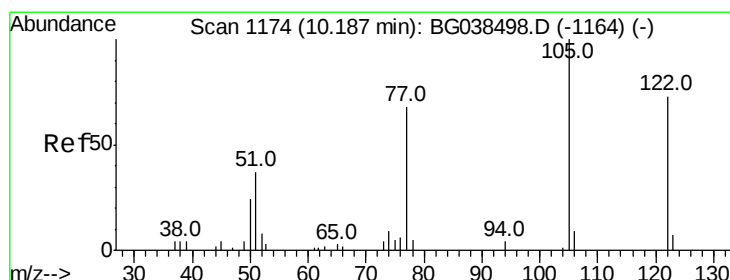
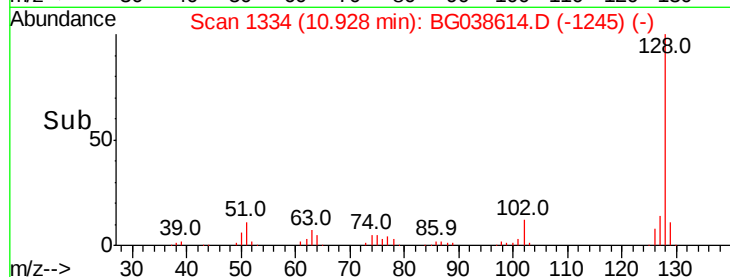
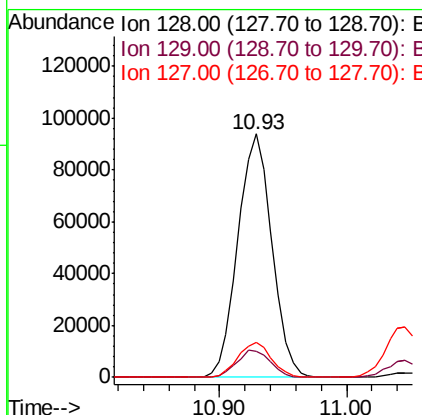
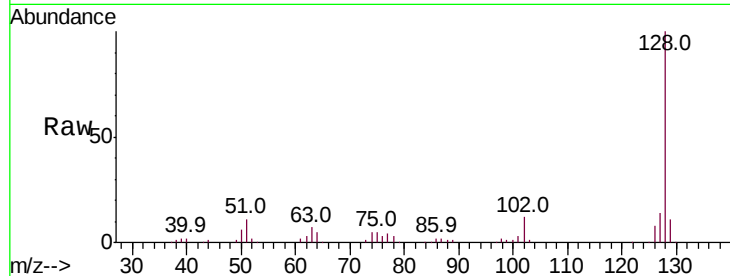
#31
Naphthalene
Concen: 43.903 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.5	14.3
127	14.3	10.9	16.3

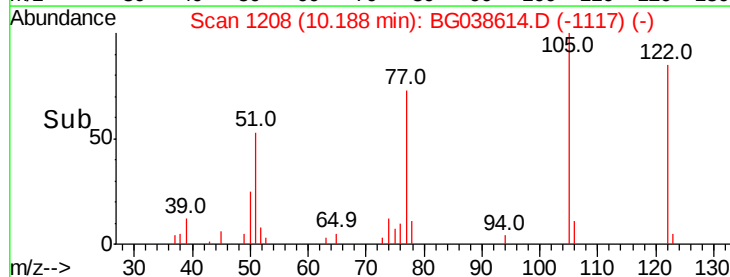
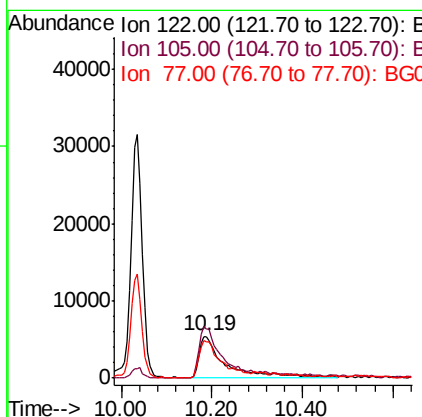
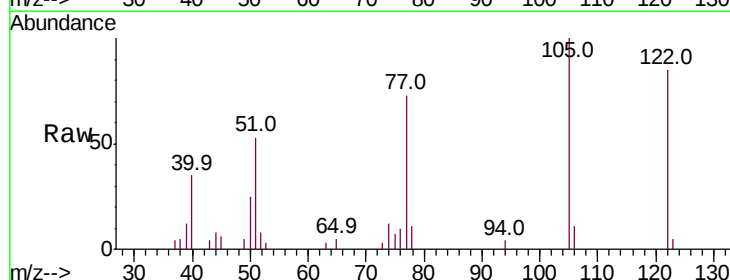
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#32
Benzoic acid
Concen: 33.954 ng m
RT: 10.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.2	116.7	156.7
77	86.5	72.5	112.5





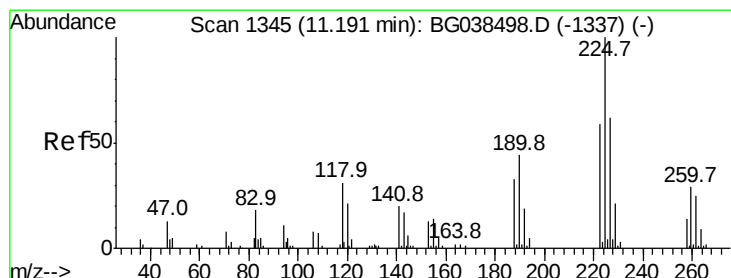
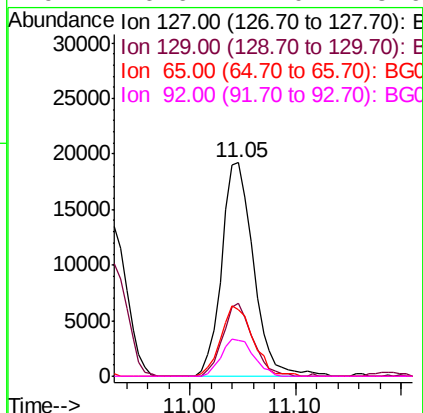
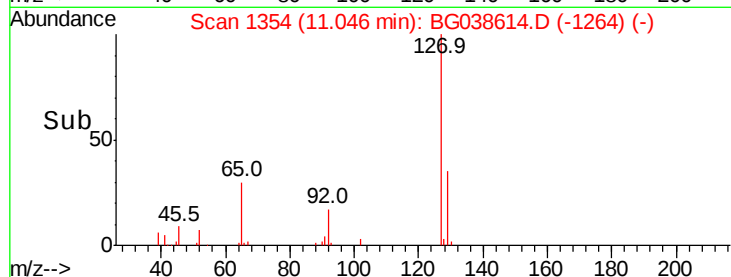
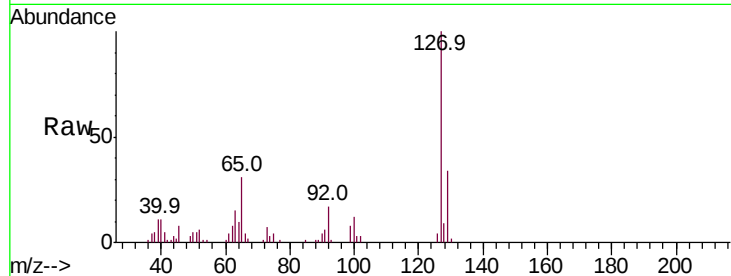
#33
4-Chloroaniline
Concen: 23.350 ng
RT: 11.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampled :
PB115720BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.3	25.8	38.8	
65	30.9	27.8	41.6	
92	16.6	17.0	25.6	

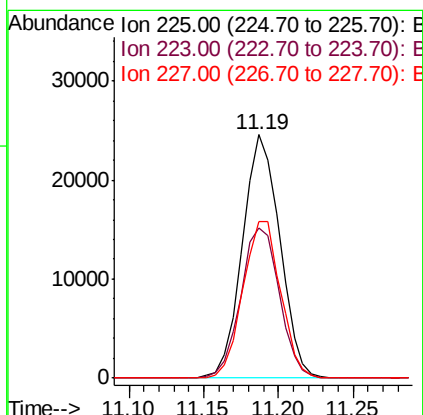
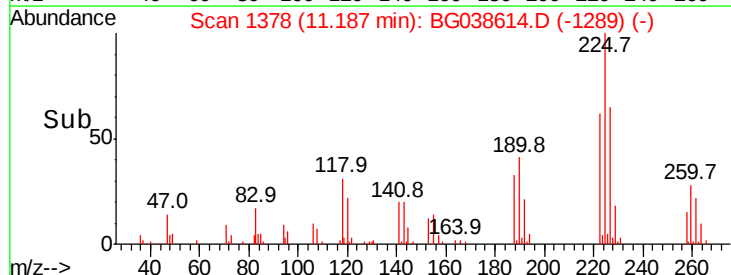
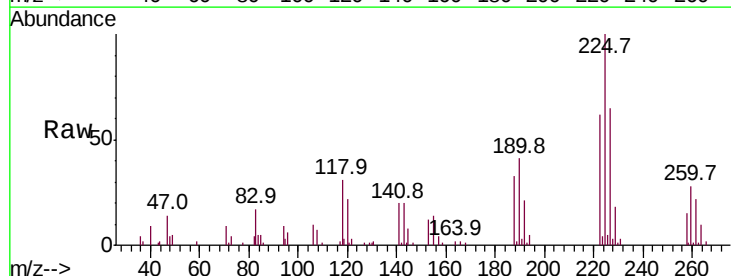
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#34
Hexachlorobutadiene
Concen: 39.870 ng
RT: 11.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	58.7	45.0	67.6	
227	64.1	50.6	75.8	





#35

Caprolactam

Concen: 36.600 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

ClientSampleId :

PB115720BS

Tot Ion:113 Resp: 19744

Ion Ratio Lower Upper

113 100

55 228.7 204.3 244.3

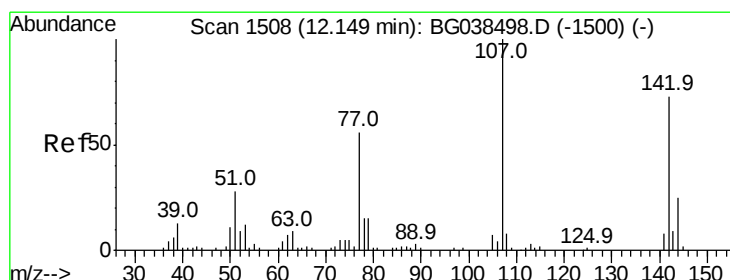
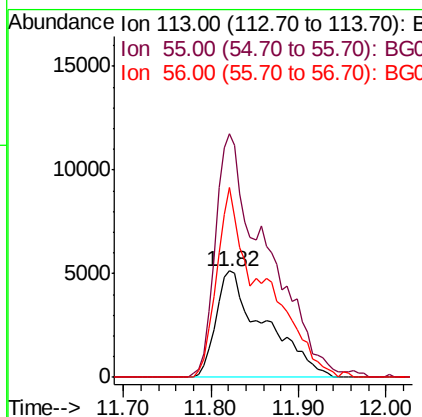
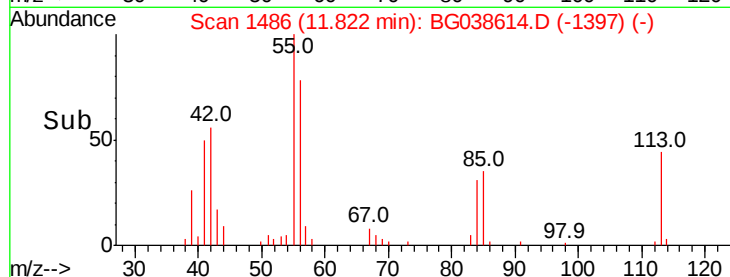
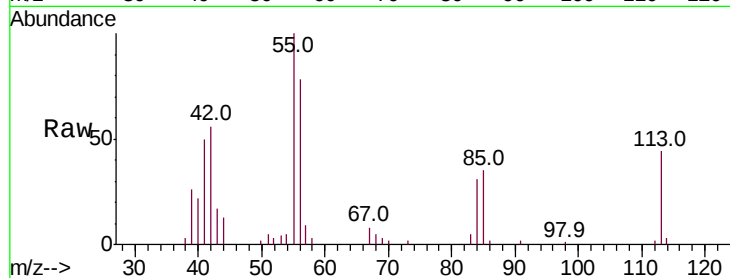
56 177.8 135.0 175.0#

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#36

4-Chloro-3-methylphenol

Concen: 42.039 ng

RT: 12.15 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

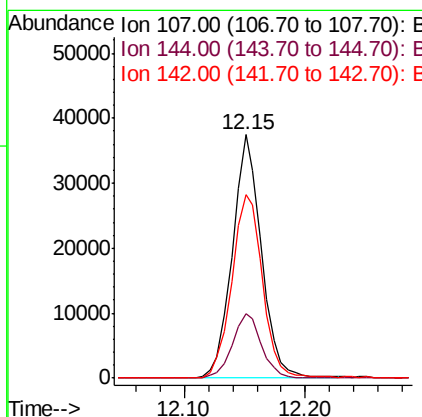
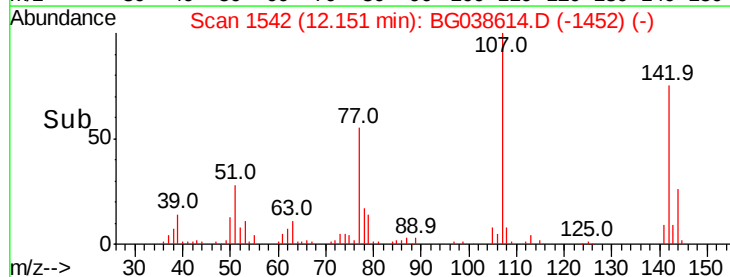
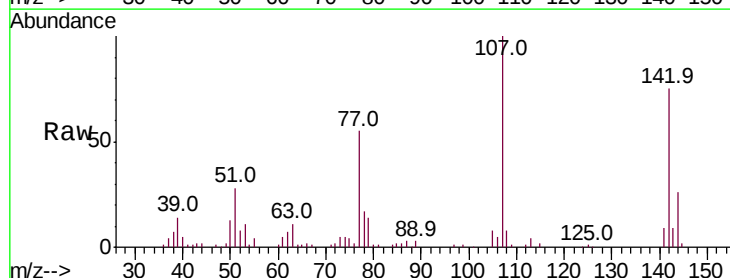
Tgt Ion:107 Resp: 62533

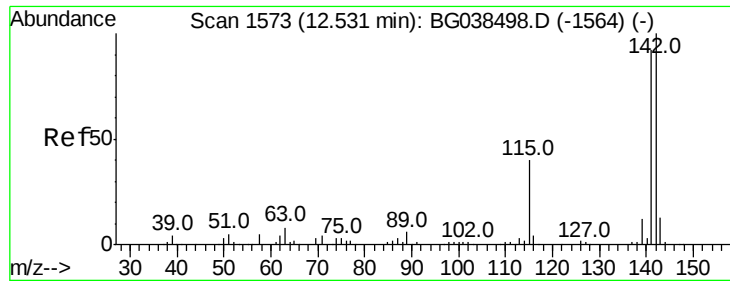
Ion Ratio Lower Upper

107 100

144 26.2 20.1 30.1

142 75.1 58.7 88.1





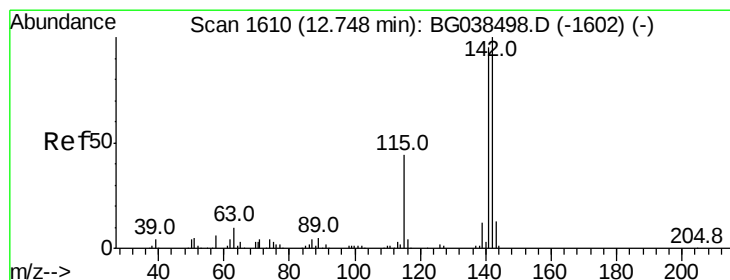
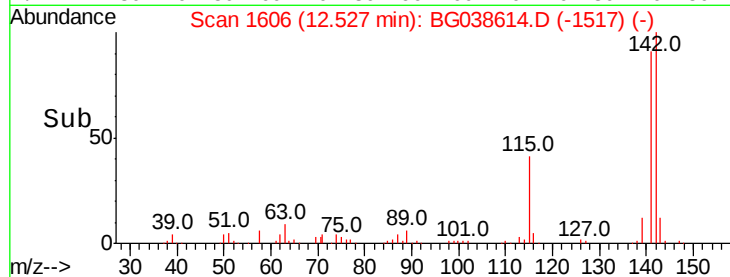
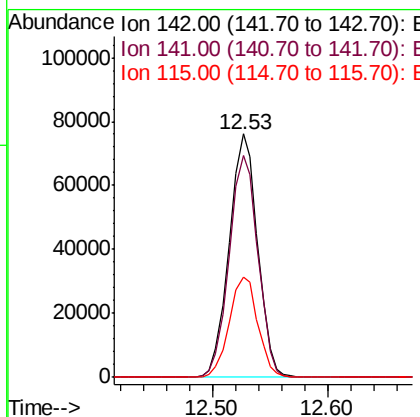
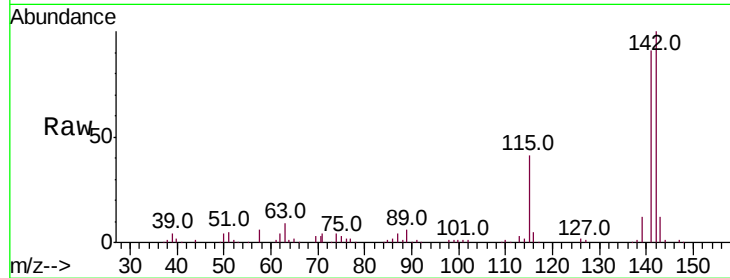
#37
2-Methylnaphthalene
Concen: 45.565 ng
RT: 12.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.5	110.3
115	41.2	31.7	47.5

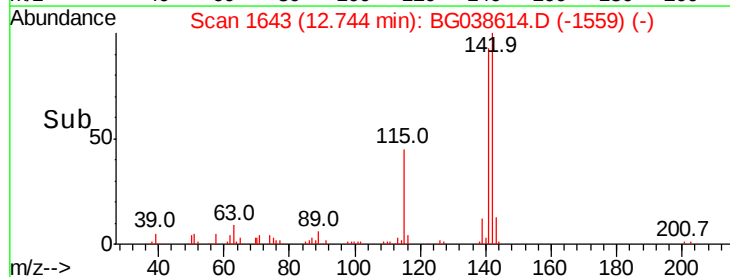
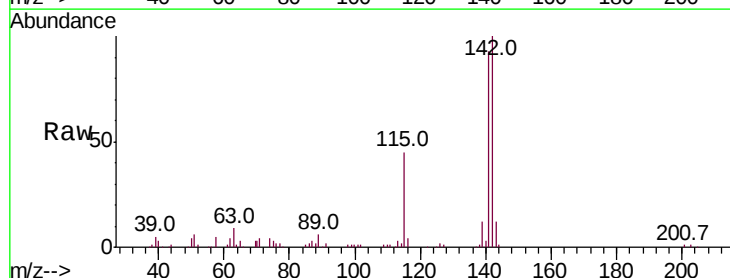
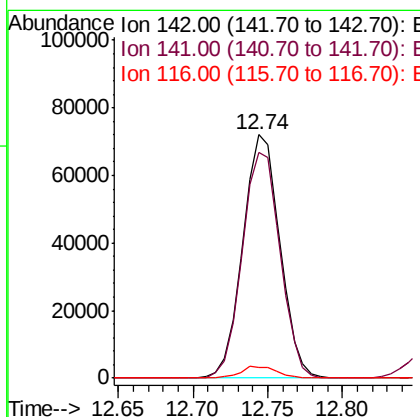
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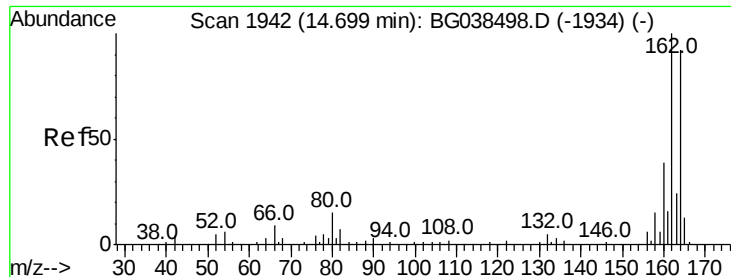
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#38
1-Methylnaphthalene
Concen: 45.013 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	75.8	113.8
116	4.2	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

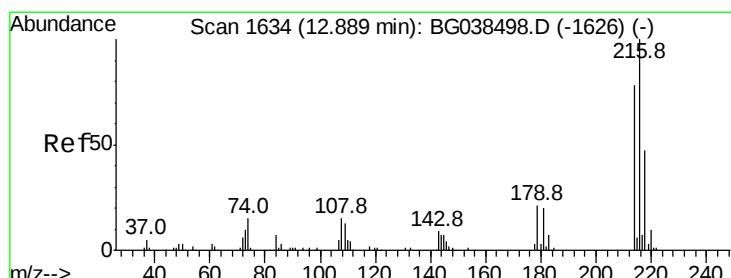
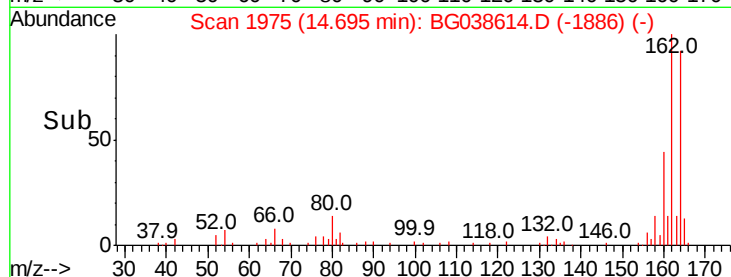
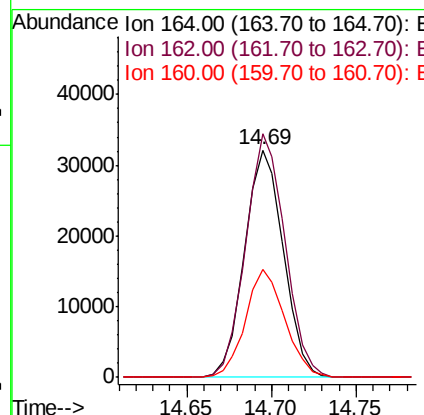
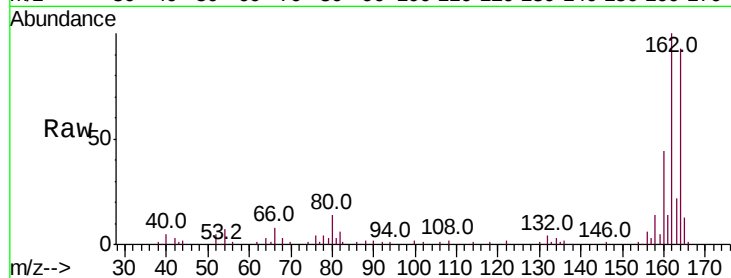
ClientSampleId :

PB115720BS

Tot Ion:	164	Resp:	51177
Ion Ratio	Lower	Upper	
164	100		
162	107.3	86.6	130.0
160	47.3	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.219 ng

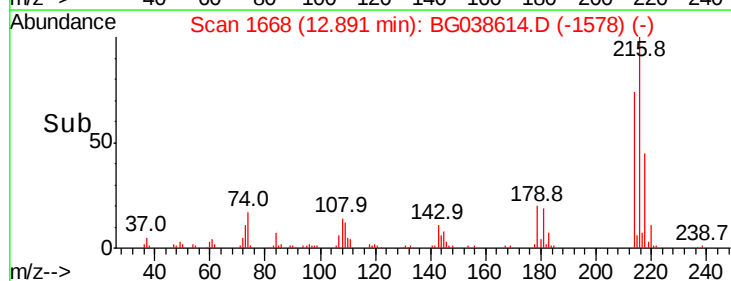
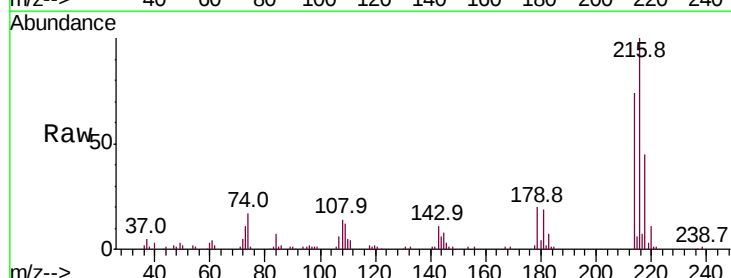
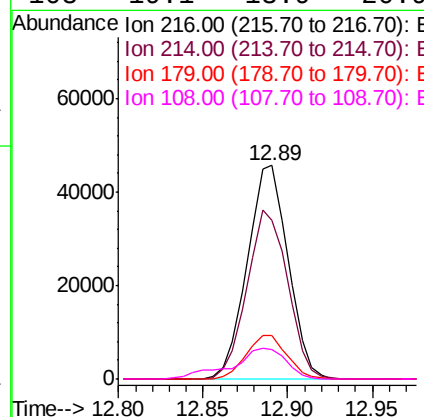
RT: 12.89 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Tgt Ion:	216	Resp:	76938
Ion Ratio	Lower	Upper	
216	100		
214	78.6	64.1	96.1
179	20.3	16.4	24.6
108	19.1	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 103.105 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

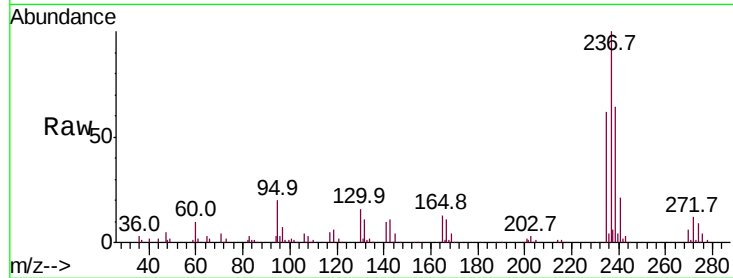
ClientSampleId :

PB115720BS

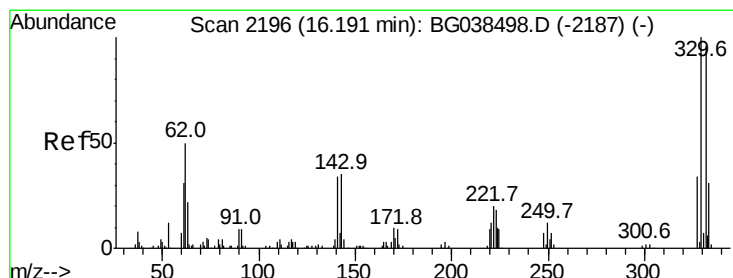
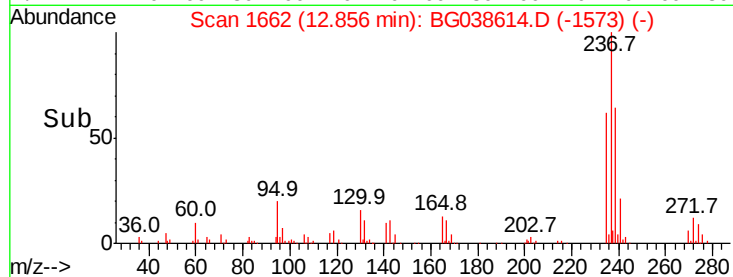
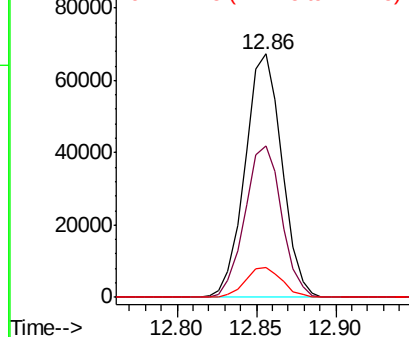
Tot Ion:	237	Resp:	108361
Ion Ratio	Lower	Upper	
237	100		
235	62.0	38.8	78.8
272	12.4	0.0	32.0

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



#42

2,4,6-Tribromophenol

Concen: 120.877 ng

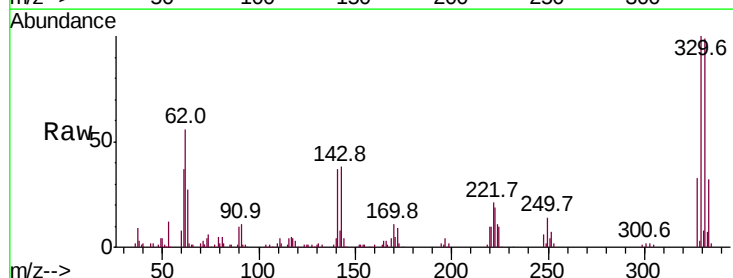
RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

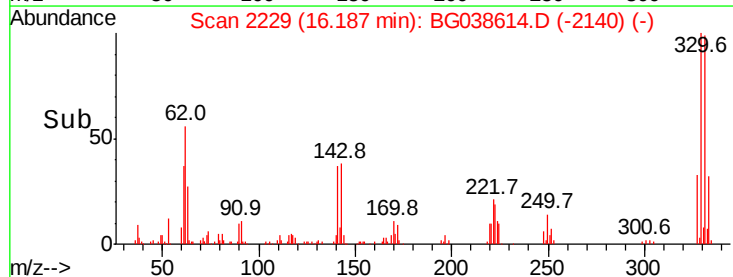
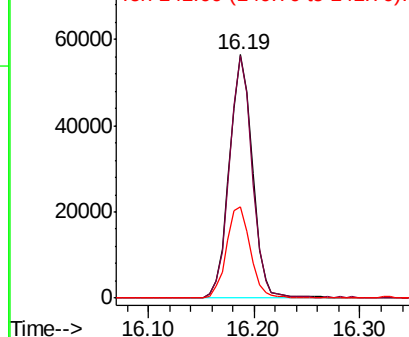
Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Tgt Ion:	330	Resp:	85256
Ion Ratio	Lower	Upper	
330	100		
332	98.1	76.9	115.3
141	38.8	28.8	43.2



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





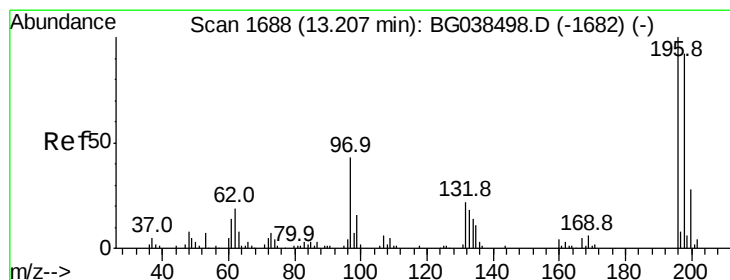
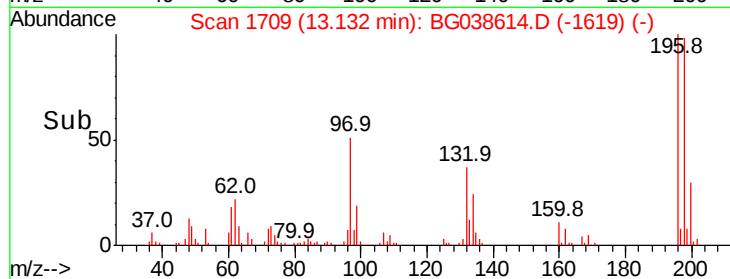
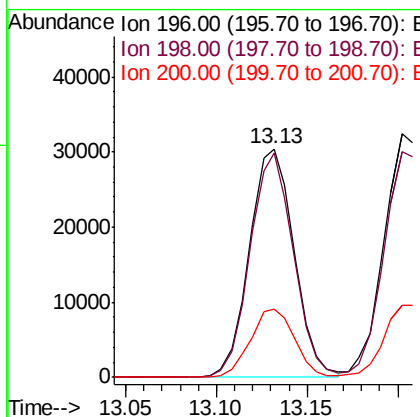
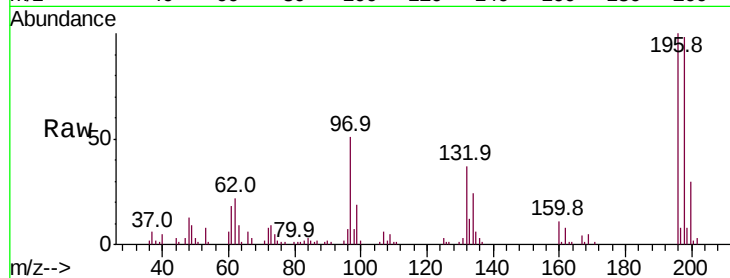
#43
 2,4,6-Trichlorophenol
 Concen: 44.192 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	51979		
198	98.2	75.0	112.4	
200	31.9	22.4	33.6	

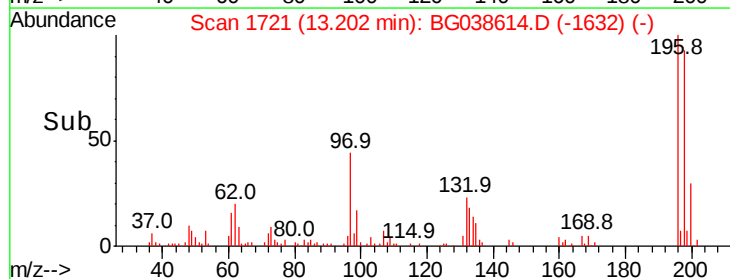
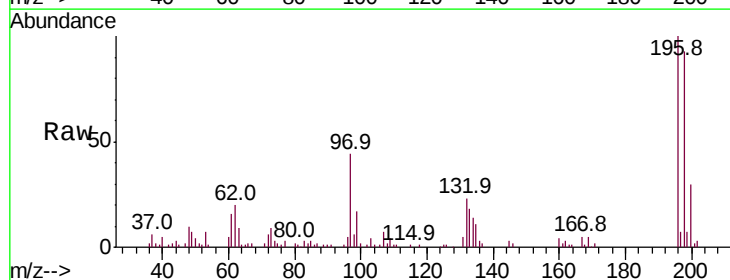
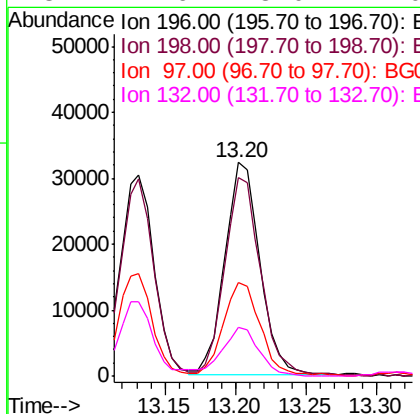
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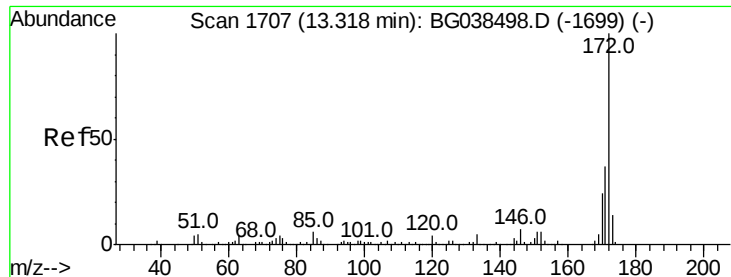
Sohil
 12/16/2018 2:01:20 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.860 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	55866		
198	92.7	74.0	111.0	
97	43.6	35.1	52.7	
132	22.6	18.0	27.0	





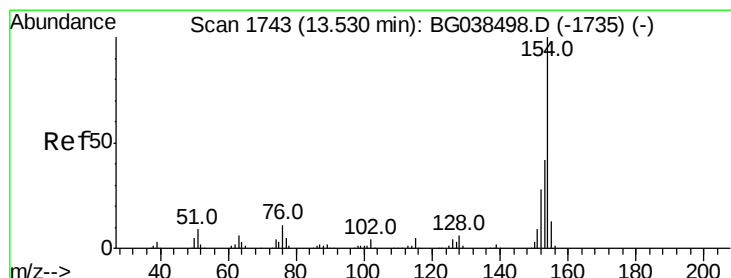
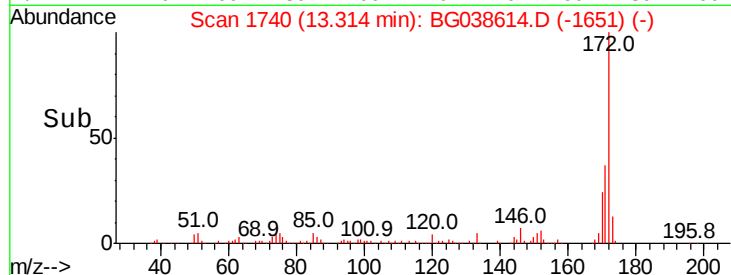
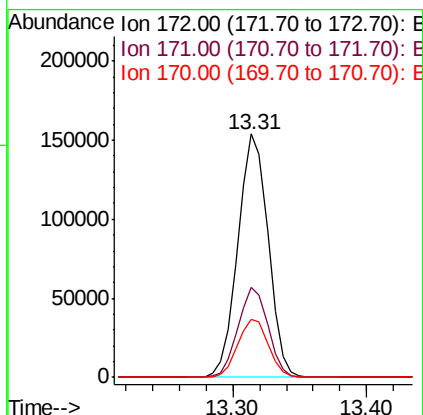
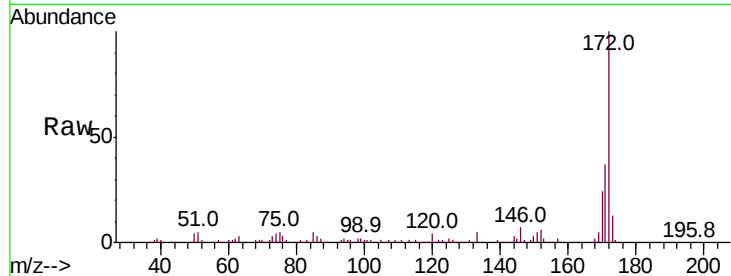
#45
2-Fluorobiphenyl
Concen: 64.680 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	241291		
171	36.9	29.8	44.6	
170	23.8	19.5	29.3	

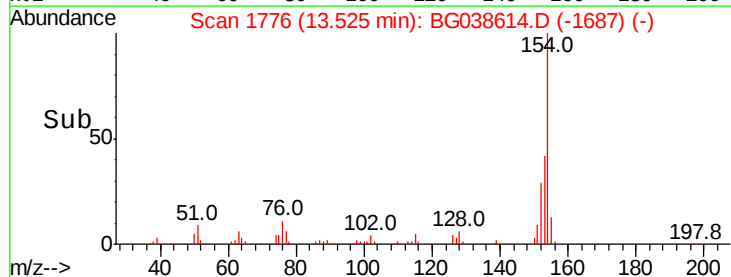
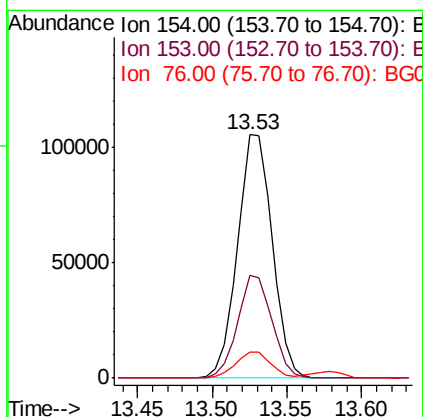
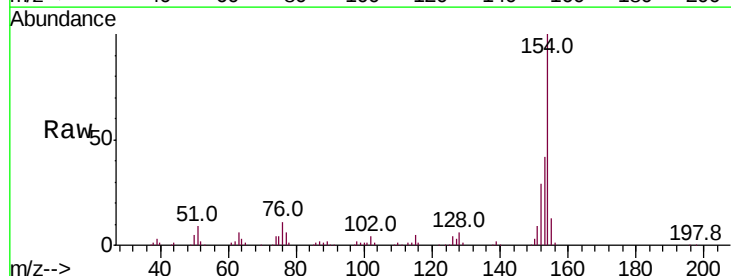
Manual Integrations
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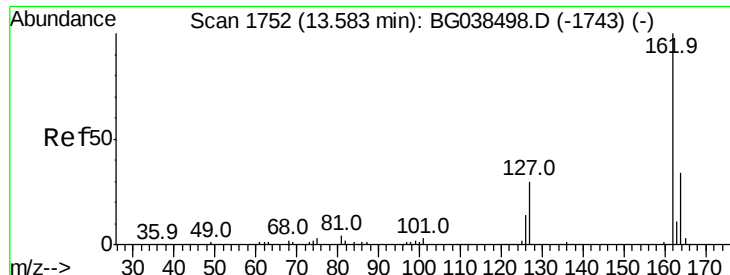
Sohil
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#46
1,1'-Biphenyl
Concen: 39.624 ng
RT: 13.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	170000		
153	42.3	22.1	62.1	
76	10.6	0.0	31.2	





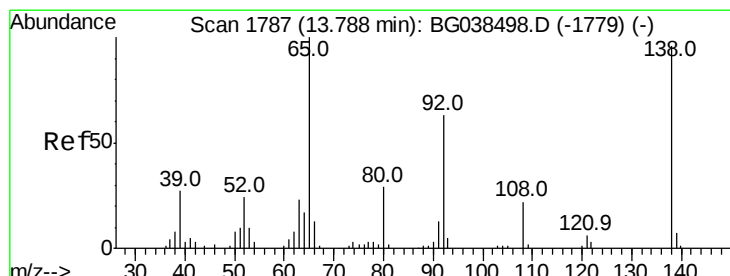
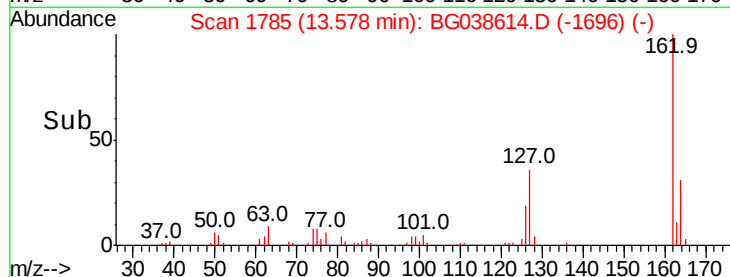
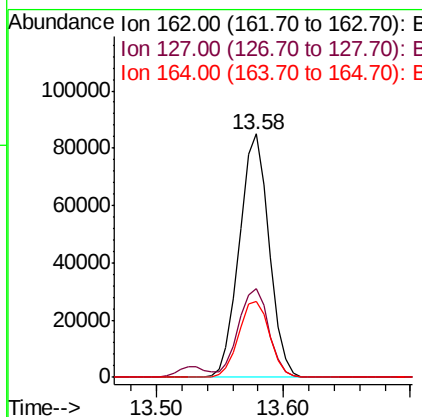
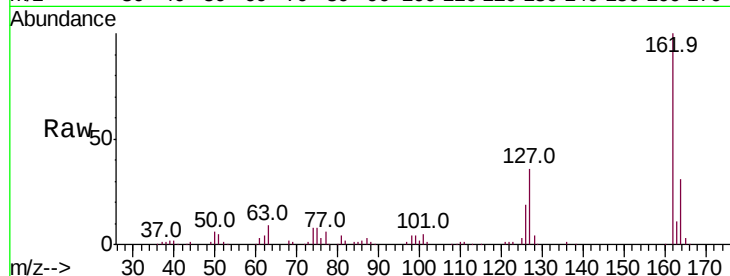
#47
 2-Chloronaphthalene
 Concen: 41.666 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	36.5	27.8	41.8
164	31.4	26.9	40.3

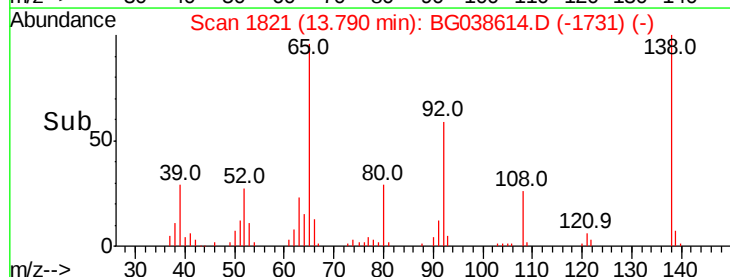
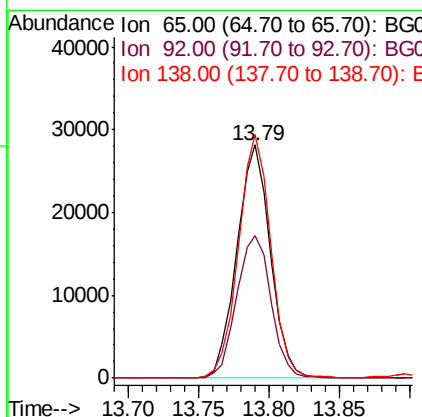
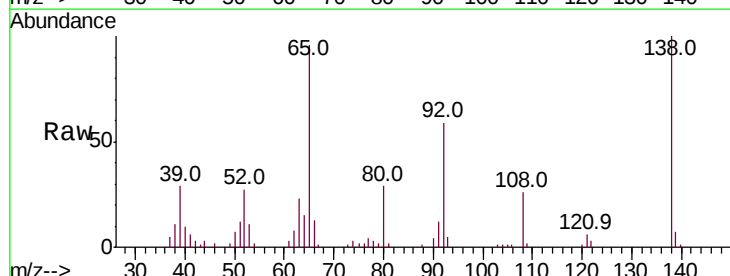
Manual Integrations
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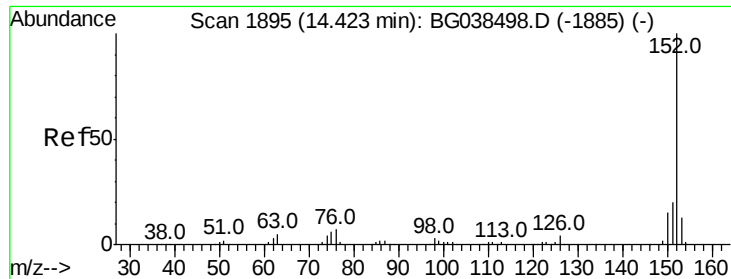
Sohil
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#48
 2-Nitroaniline
 Concen: 44.218 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	61.2	50.0	75.0
138	104.4	76.9	115.3





#49

Acenaphthylene

Concen: 45.078 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

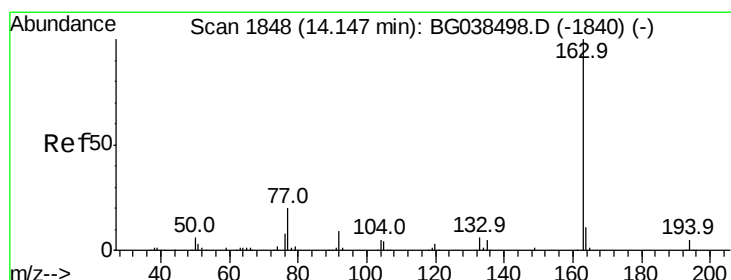
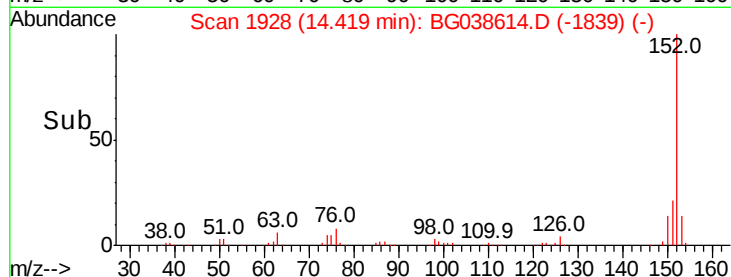
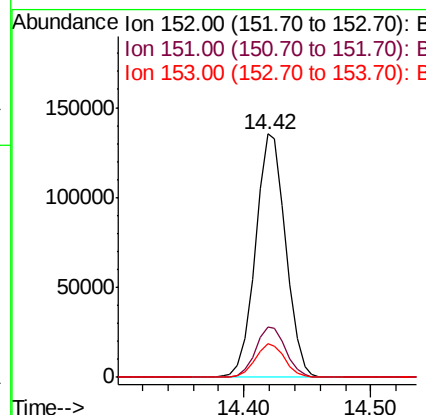
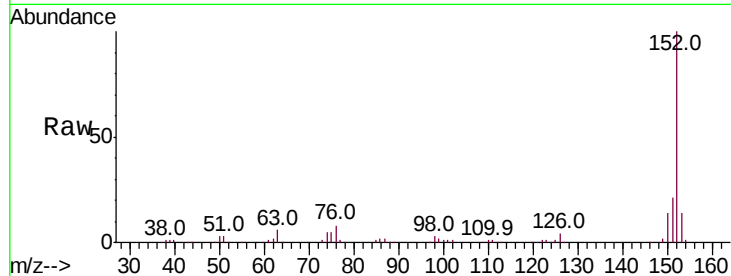
ClientSampleId :

PB115720BS

Tot Ion:	152	Resp:	223330
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.4	24.6
153	13.9	10.4	15.6

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#50

Dimethylphthalate

Concen: 43.782 ng

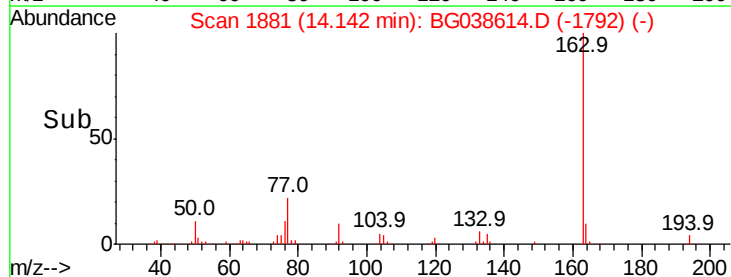
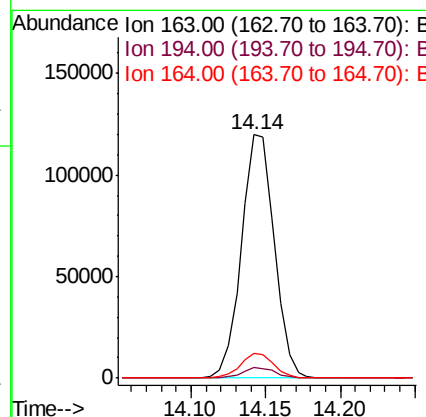
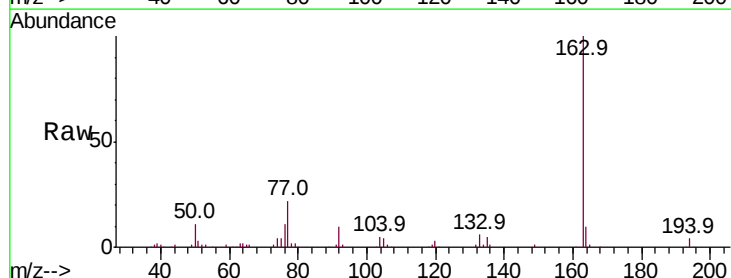
RT: 14.14 min Scan# 1881

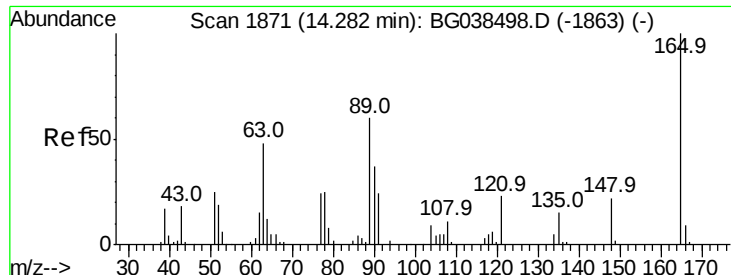
Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Tgt Ion:	163	Resp:	182976
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.7	5.5
164	10.2	8.6	12.8





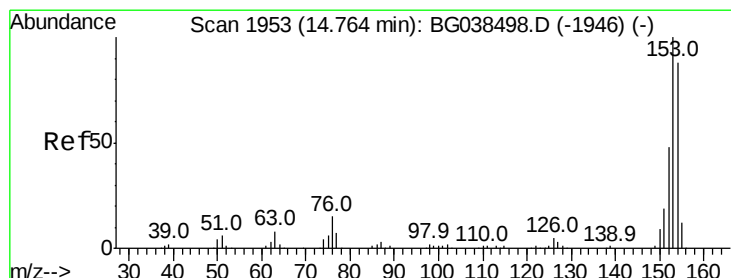
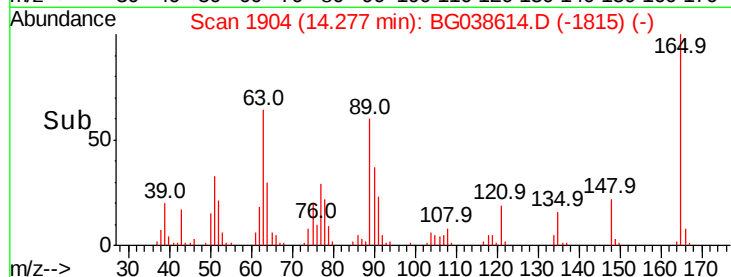
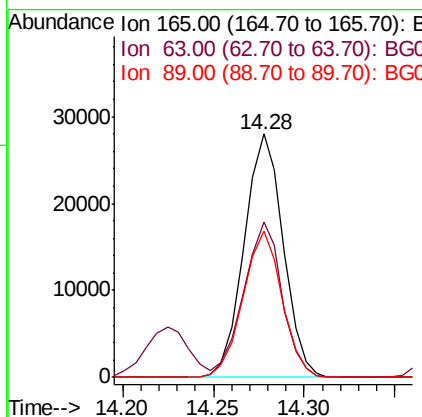
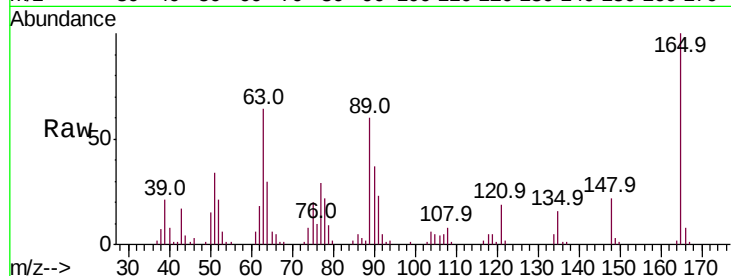
#51
 2,6-Dinitrotoluene
 Concen: 44.079 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

Tot Ion:	165	Resp:	41747
Ion Ratio	Lower	Upper	
165	100		
63	63.8	51.8	77.6
89	60.3	47.9	71.9

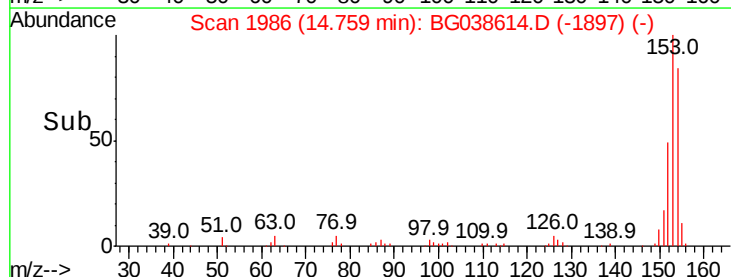
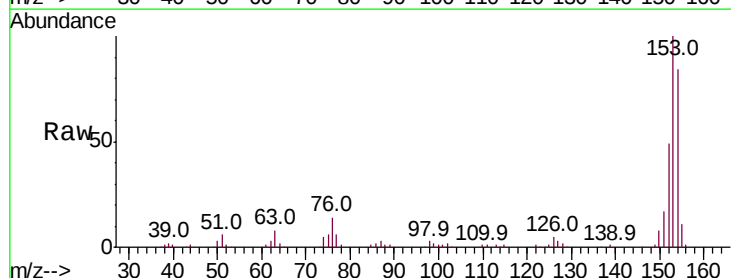
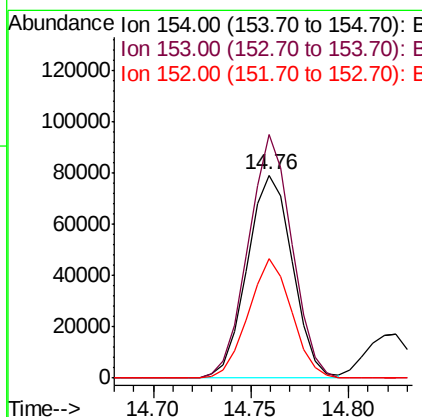
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#52
 Acenaphthene
 Concen: 42.861 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion:	154	Resp:	126976
Ion Ratio	Lower	Upper	
154	100		
153	119.8	90.6	136.0
152	58.6	43.5	65.3





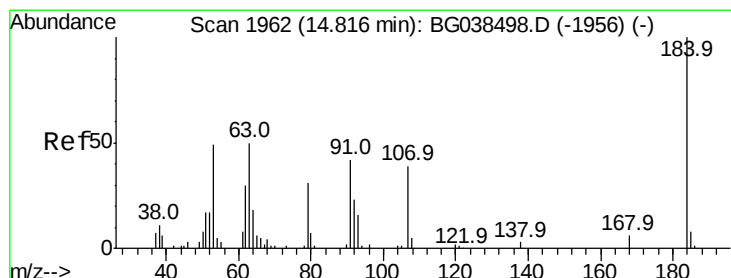
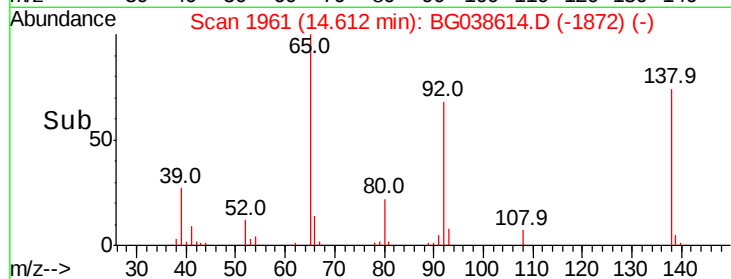
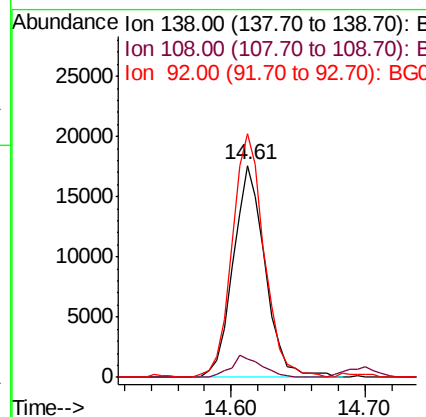
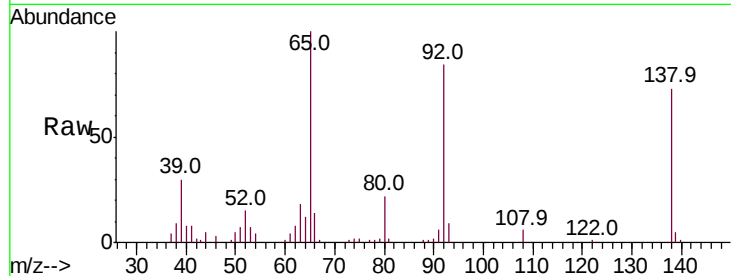
#53
3-Nitroaniline
Concen: 30.289 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.9	7.9	11.9
92	115.0	95.3	142.9

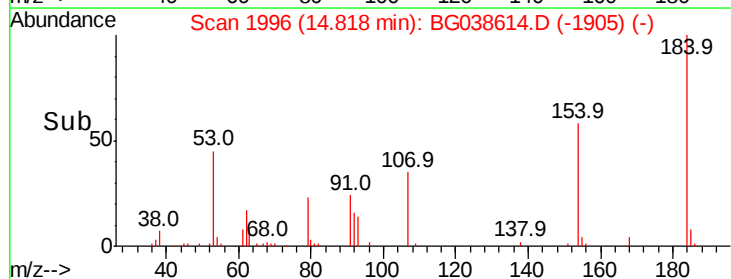
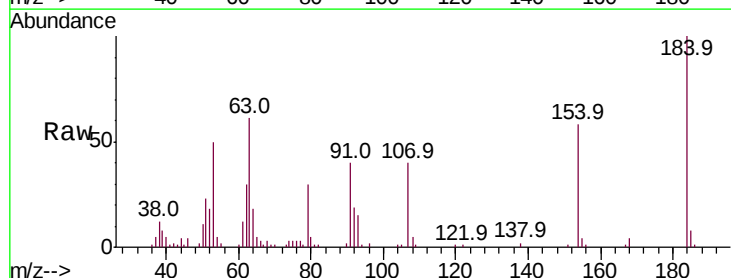
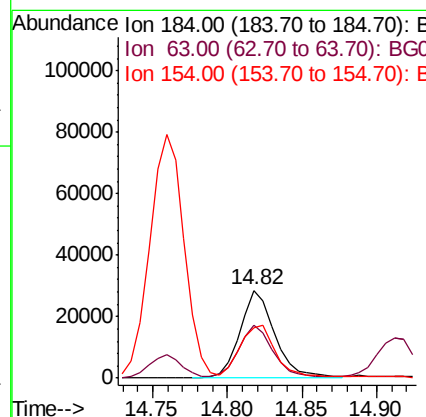
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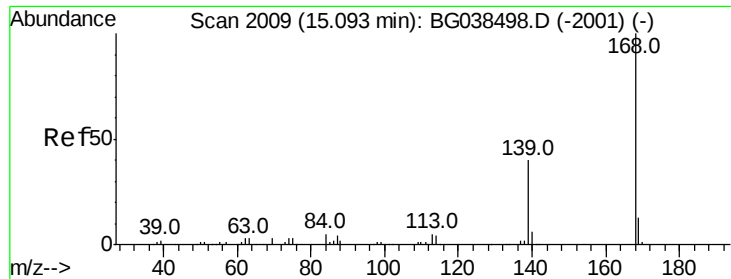
Sohil
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#54
2,4-Dinitrophenol
Concen: 82.131 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.9	47.0	70.6
154	57.6	50.3	75.5





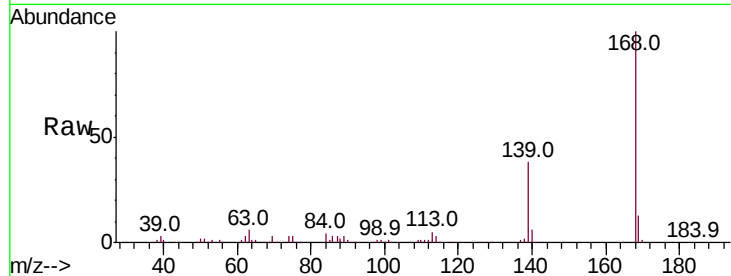
#55
Dibenzenofuran
Concen: 42.505 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	32.2	48.2
169	13.5	10.6	16.0

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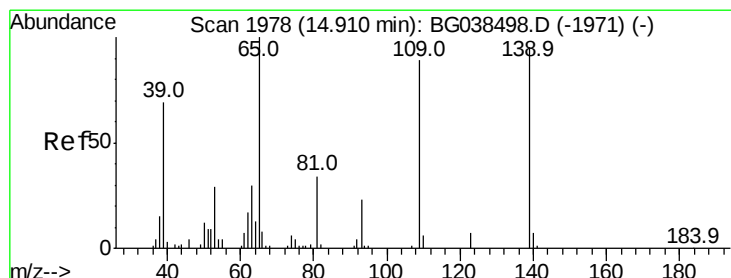
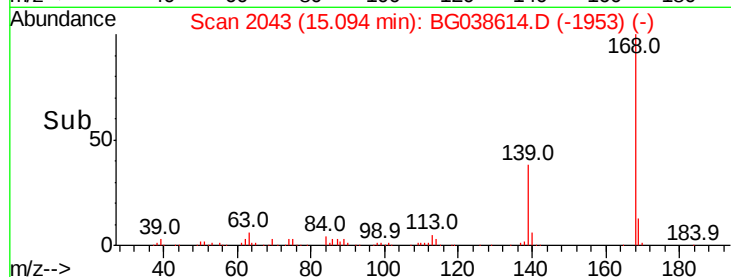
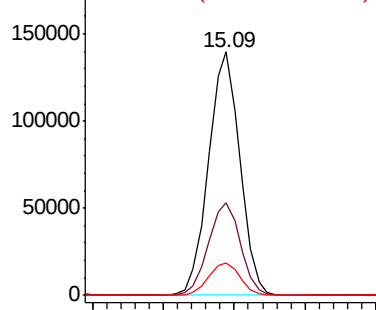


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 90.421 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

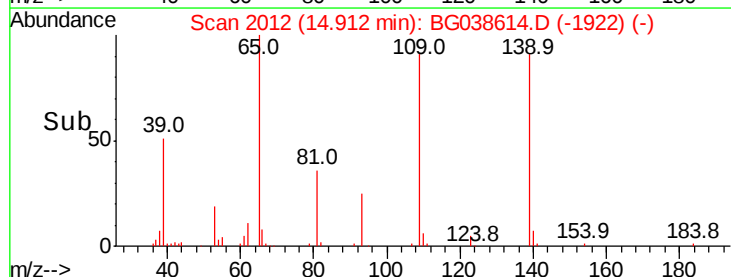
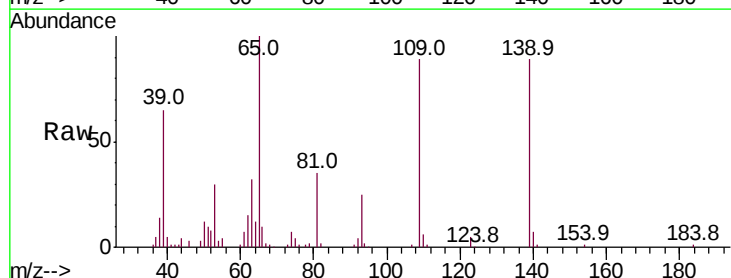
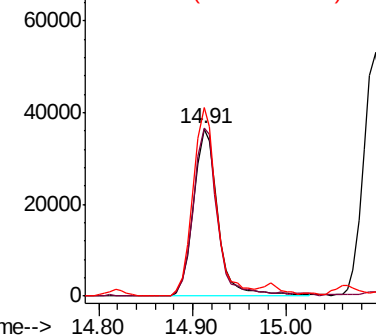
Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.6	73.6	113.6
65	112.7	84.8	124.8

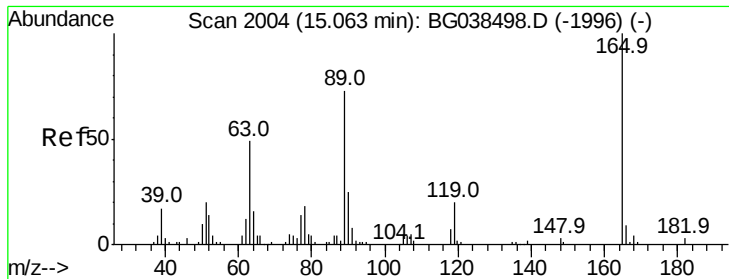
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO





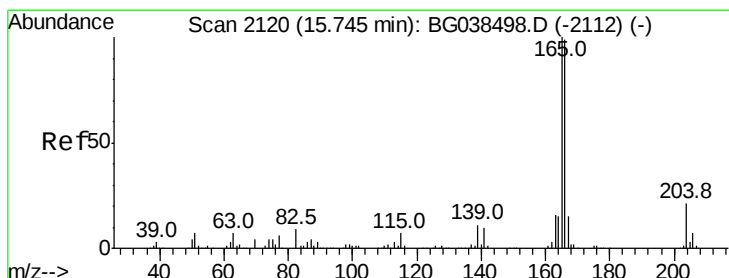
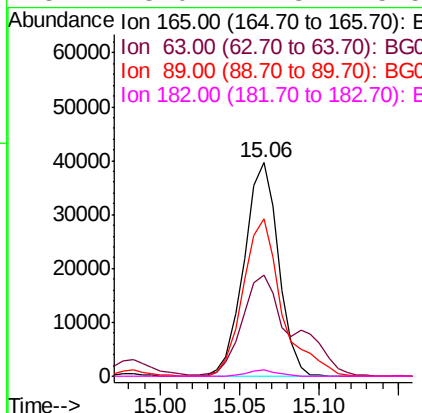
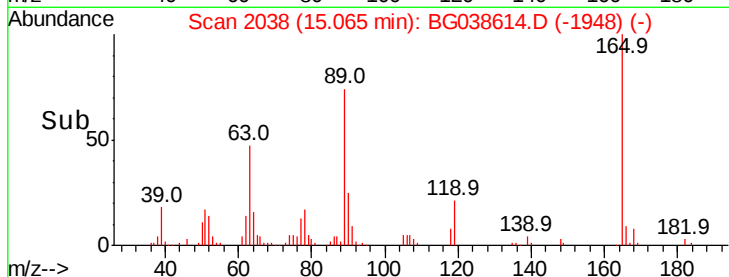
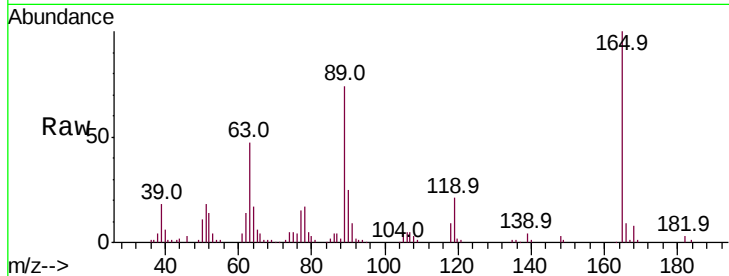
#57
 2,4-Dinitrotoluene
 Concen: 44.874 ng
 RT: 15.06 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.1	39.0	58.4	
89	73.5	58.0	87.0	
182	3.0	2.3	3.5	

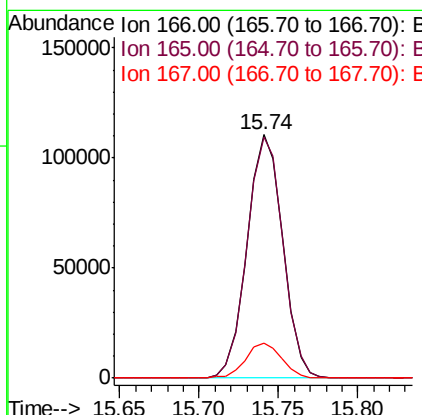
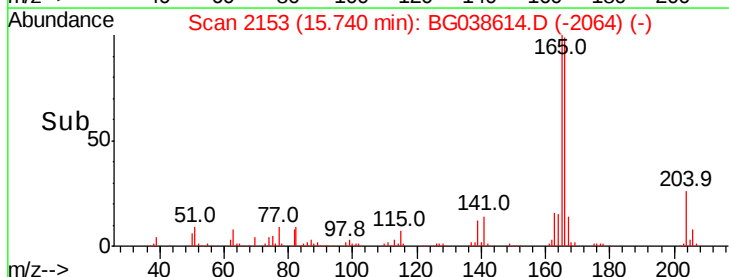
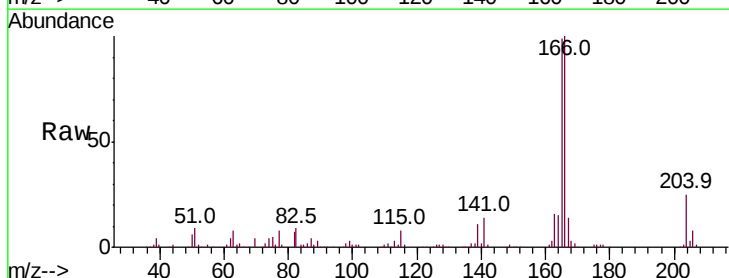
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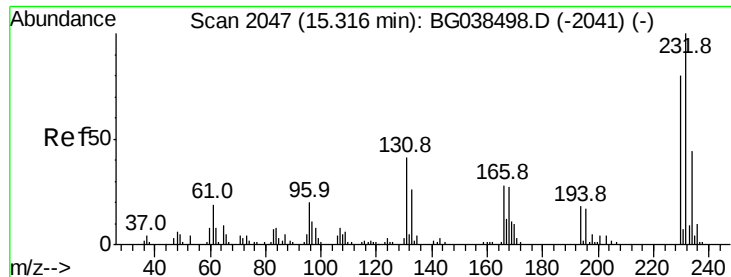
Sohil
 12/16/2018 2:01:20 PM



#58
 Fluorene
 Concen: 45.920 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.3	80.6	120.8	
167	14.4	12.0	18.0	





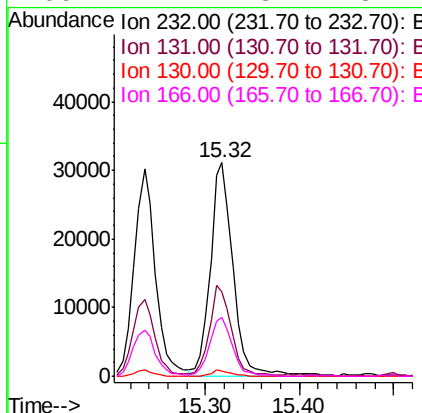
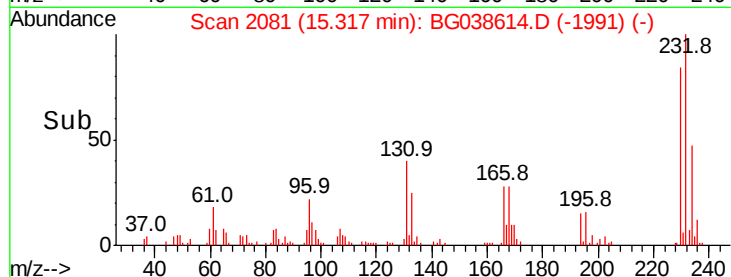
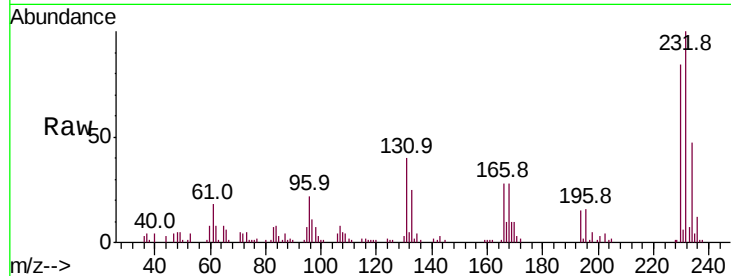
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.433 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.6	33.0	49.4
130	2.4	2.0	3.0
166	27.7	23.1	34.7

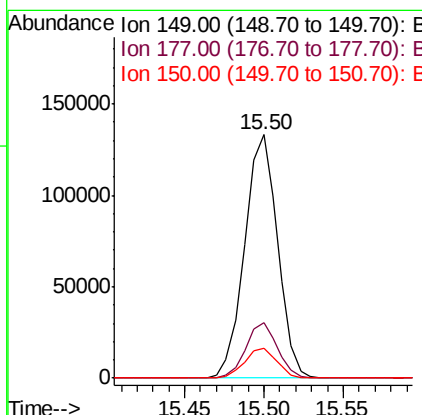
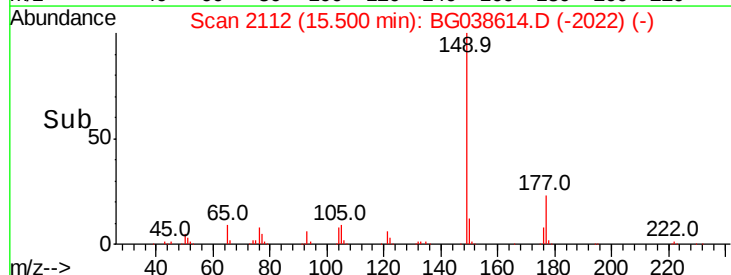
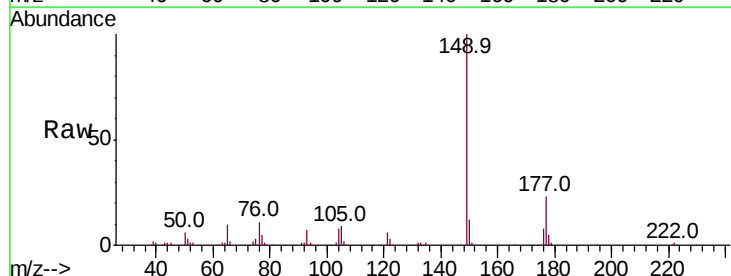
Manual Integrations
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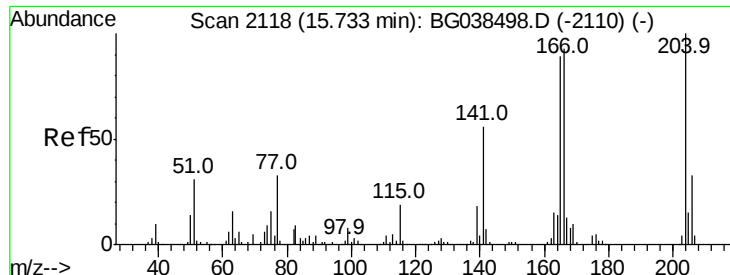
Sohil
 12/16/2018 2:01:20 PM



#60
 Diethylphthalate
 Concen: 41.858 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.7	26.5
150	12.5	9.9	14.9





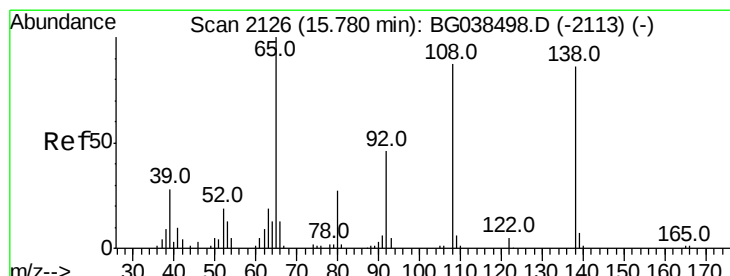
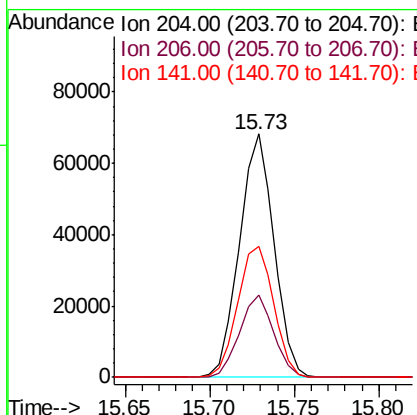
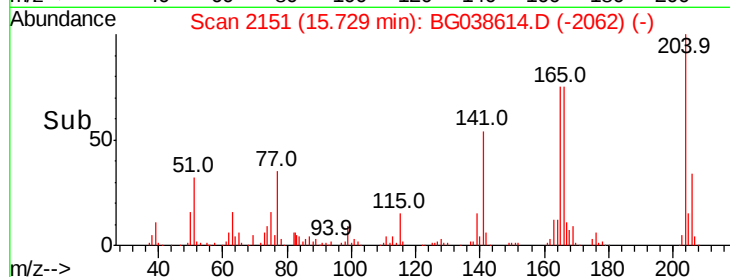
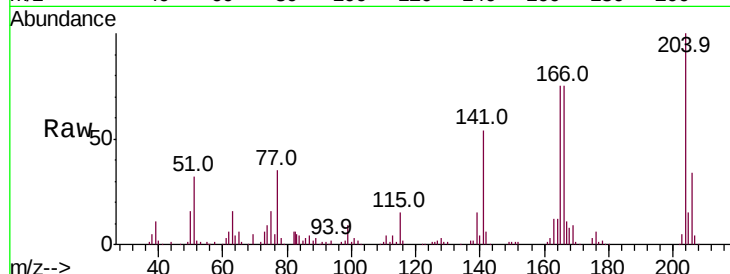
#61
 4-Chlorophenyl-phenylether
 Concen: 41.407 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

Tot Ion:	204	Resp:	97201
Ion Ratio	Lower	Upper	
204	100		
206	33.9	26.0	39.0
141	53.6	44.4	66.6

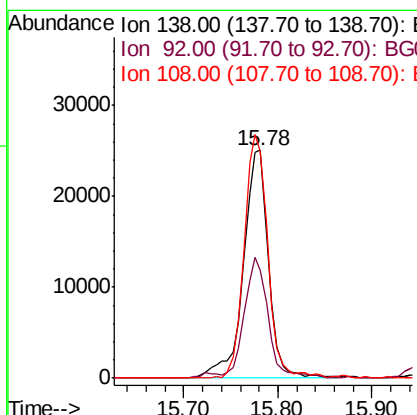
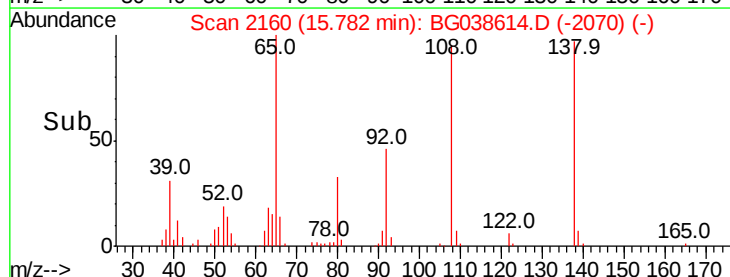
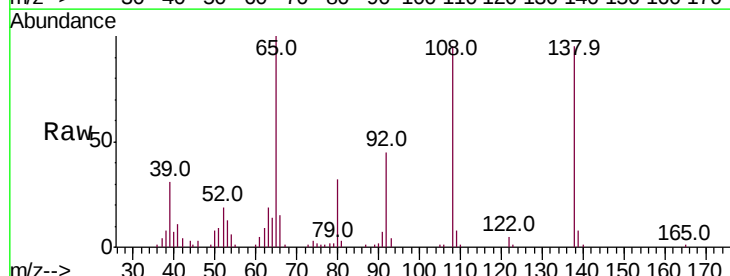
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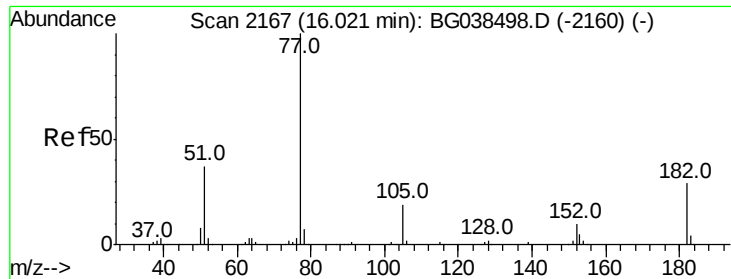
Sohil
 12/16/2018 2:01:20 PM



#62
 4-Nitroaniline
 Concen: 46.609 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion:	138	Resp:	46327
Ion Ratio	Lower	Upper	
138	100		
92	47.5	33.3	73.3
108	99.6	81.4	121.4





#63

Azobenzene

Concen: 43.426 ng

RT: 16.02 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

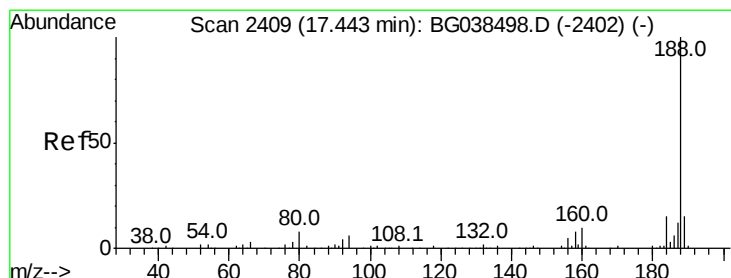
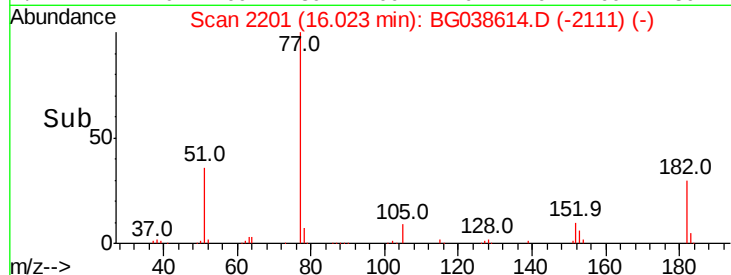
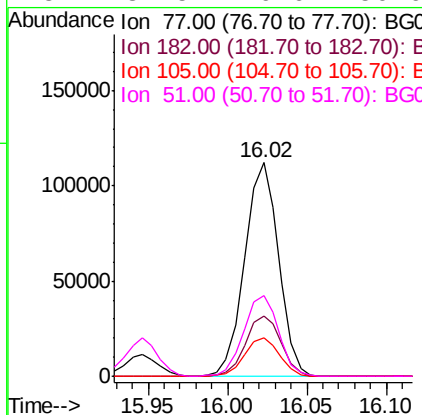
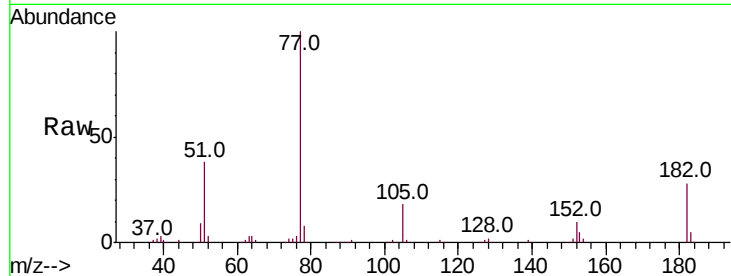
ClientSampleId :

PB115720BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.5	8.7	48.7
105	17.9	0.0	38.7
51	37.5	16.6	56.6

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#64

Phenanthrene-d10

Concen: 20.000 ng

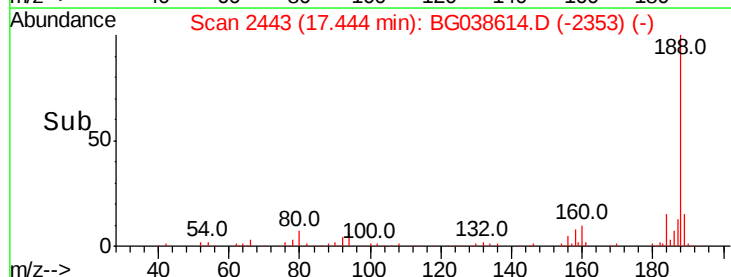
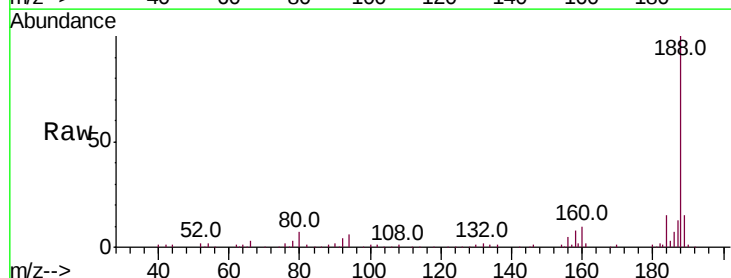
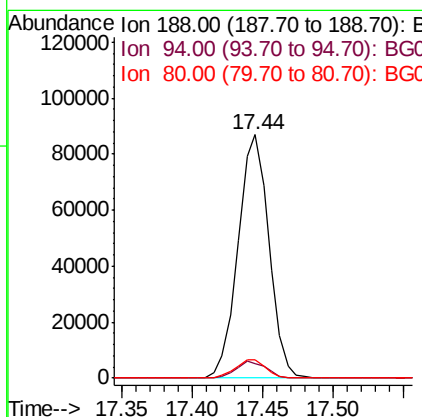
RT: 17.44 min Scan# 2443

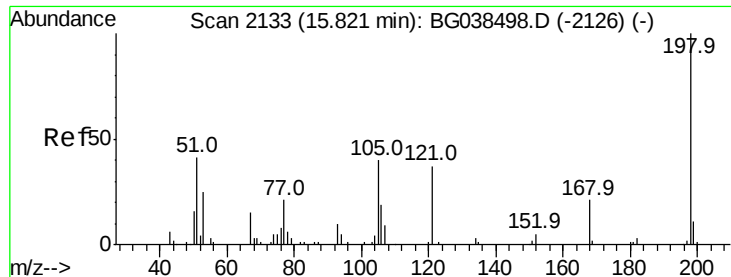
Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.1	7.7
80	7.3	6.1	9.1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.441 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

ClientSampleId :

PB115720BS

Tot Ion:198 Resp: 38423

Ion Ratio Lower Upper

198 100

51 48.2 28.6 68.6

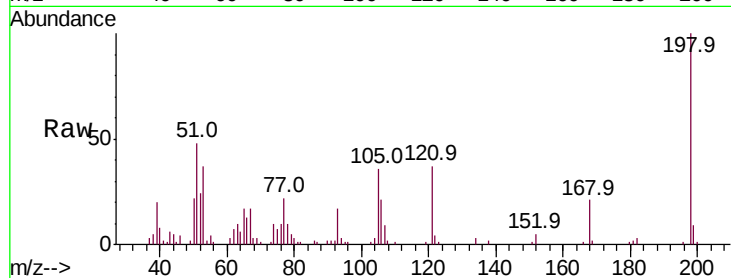
105 36.3 20.4 60.4

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Sohil

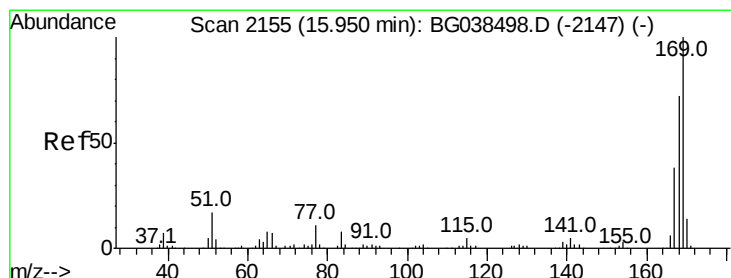
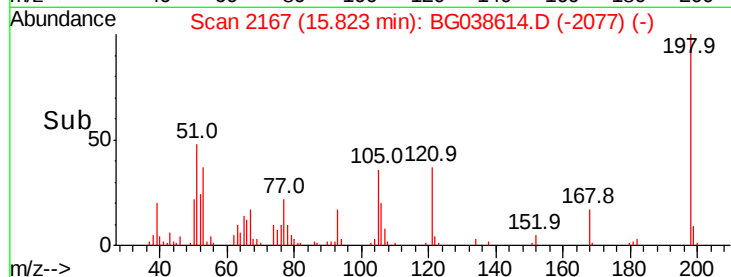
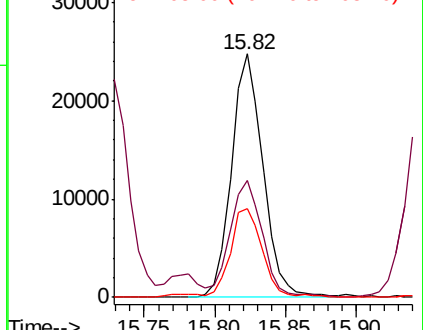
12/16/2018 2:01:20 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG038614.D (-2126) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.992 ng

RT: 15.95 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

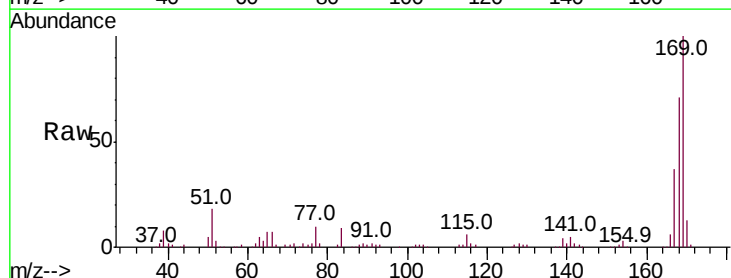
Tgt Ion:169 Resp: 160417

Ion Ratio Lower Upper

169 100

168 70.8 57.5 86.3

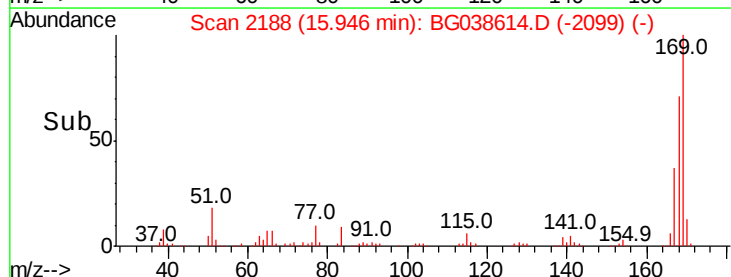
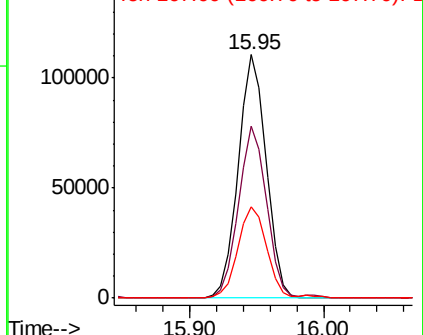
167 37.3 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





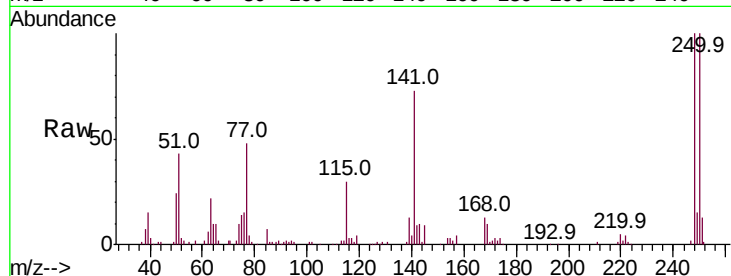
#67
4-Bromophenyl-phenylether
Concen: 39.716 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

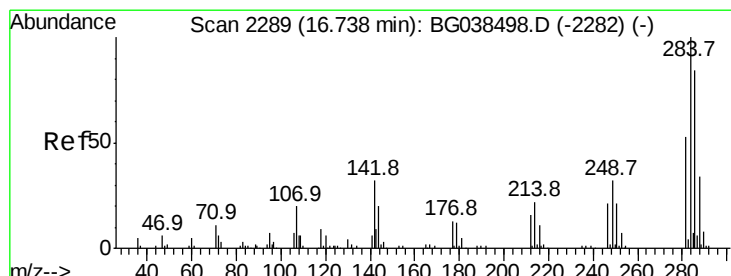
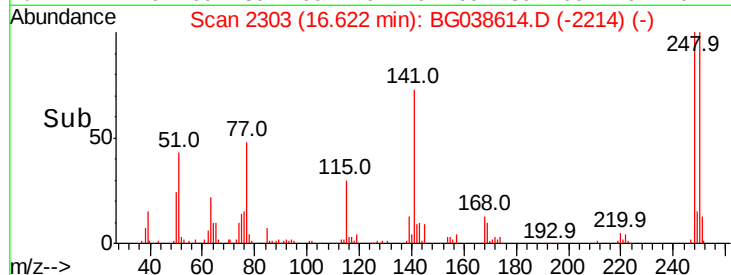
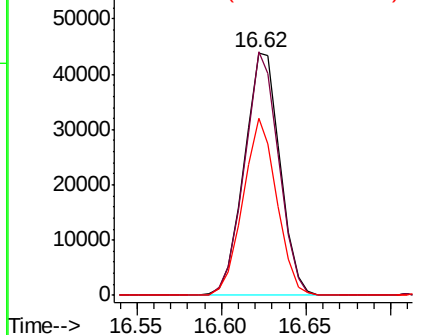
Tot Ion:248 Resp: 64603
Ion Ratio Lower Upper
248 100
250 100.3 73.4 110.2
141 72.9 52.9 79.3

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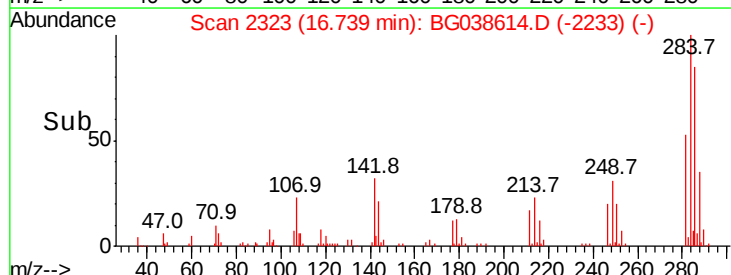
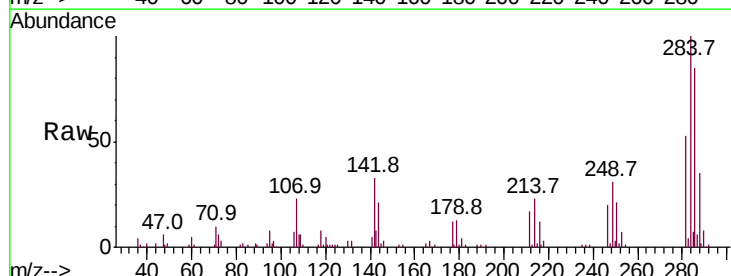
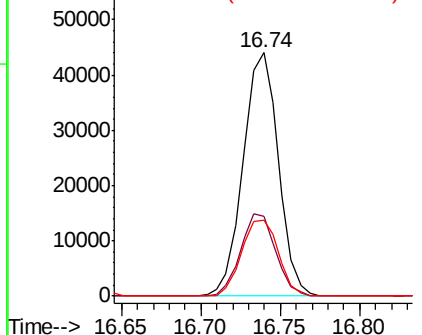
Abundance Ion 248.00 (247.70 to 248.70): E
60000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.336 ng
RT: 16.74 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion:284 Resp: 68014
Ion Ratio Lower Upper
284 100
142 32.6 25.8 38.6
249 34.0 27.0 40.4

Abundance Ion 283.80 (283.50 to 284.50): E
60000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





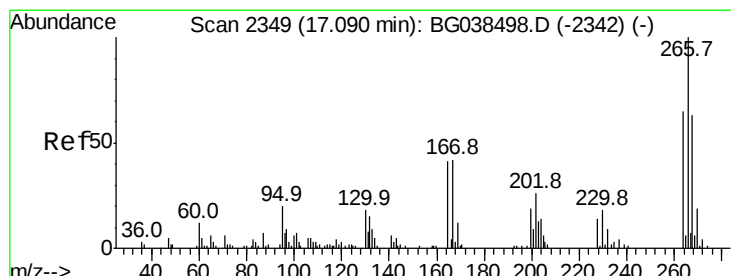
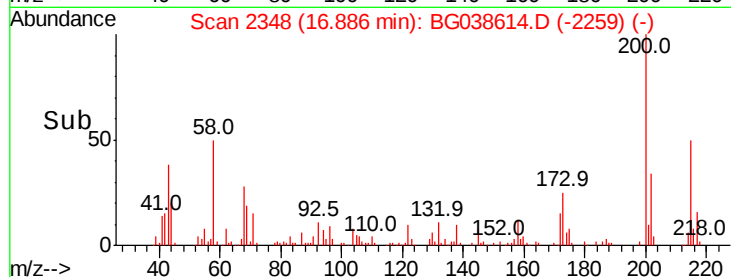
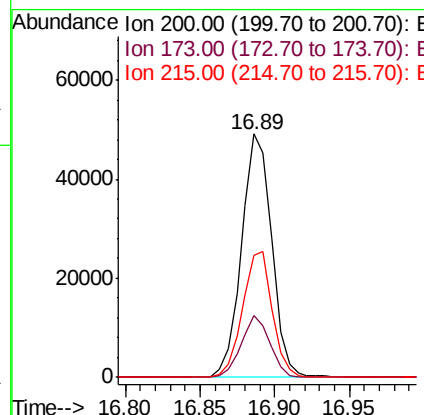
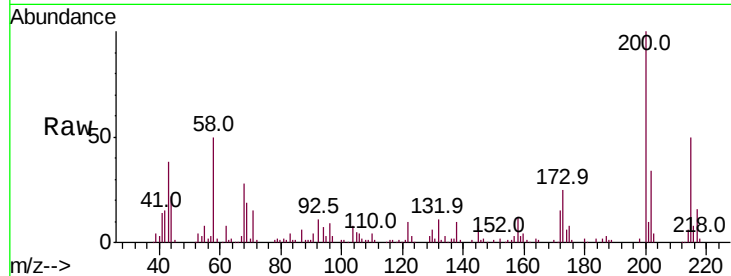
#69
Atrazine
Concen: 47.311 ng
RT: 16.89 min Scan# 2348
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	5.9	45.9
215	50.0	33.1	73.1

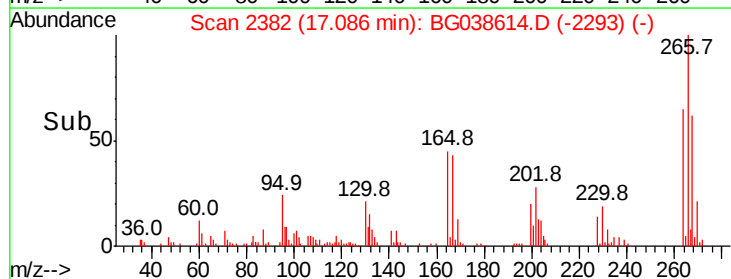
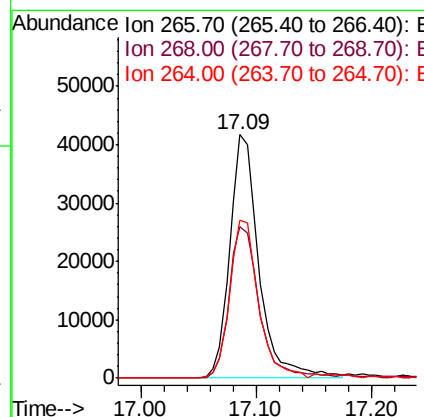
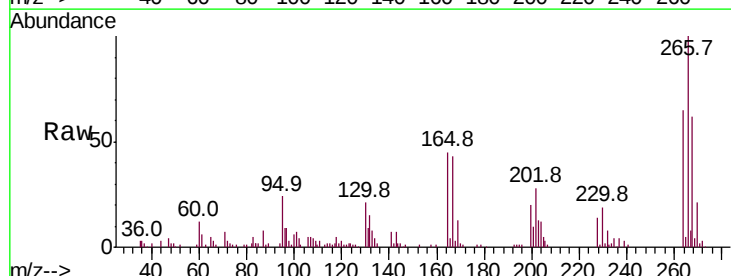
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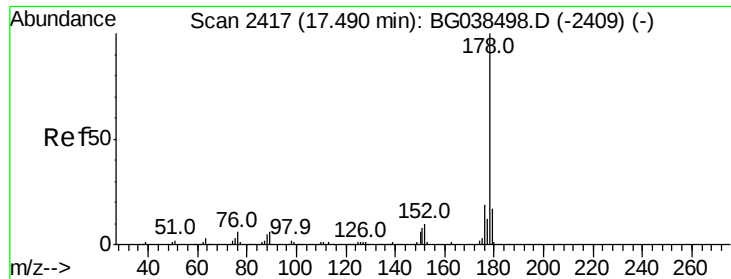
Sohil
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#70
Pentachlorophenol
Concen: 73.141 ng
RT: 17.09 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	55.0	82.6
264	69.6	56.7	85.1





#71

Phenanthrene

Concen: 45.499 ng

RT: 17.49 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

ClientSampleId :

PB115720BS

Tot Ion:178 Resp: 314246

Ion Ratio Lower Upper

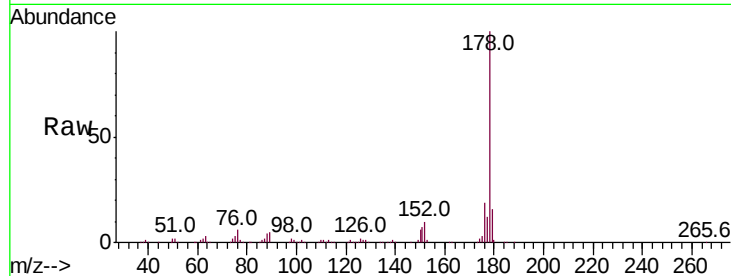
178 100

176 19.0 15.1 22.7

179 15.6 13.2 19.8

Manual Integrations
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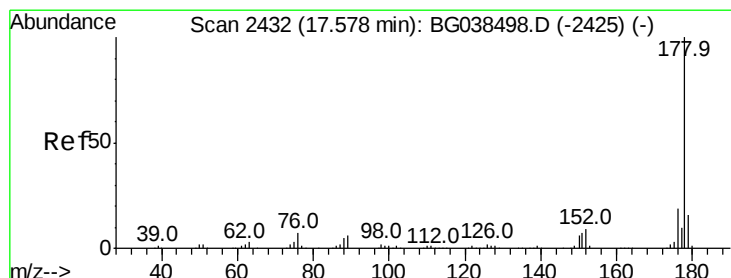
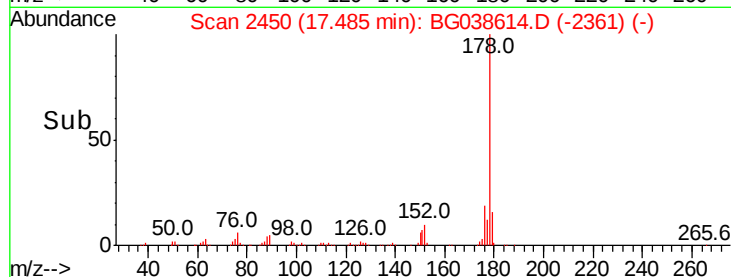
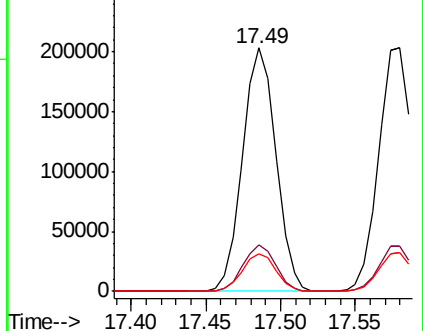
Sohil
12/16/2018 2:01:20 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.567 ng

RT: 17.58 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

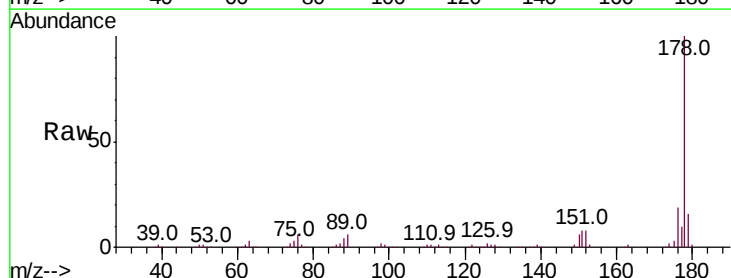
Tgt Ion:178 Resp: 317514

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

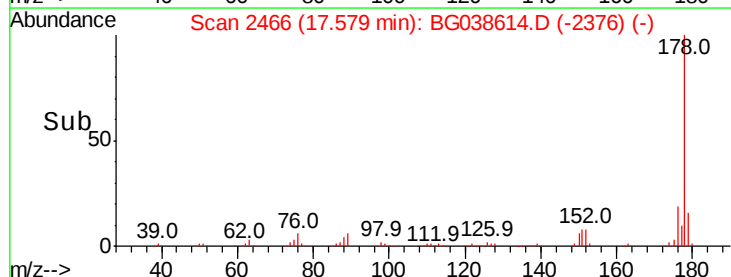
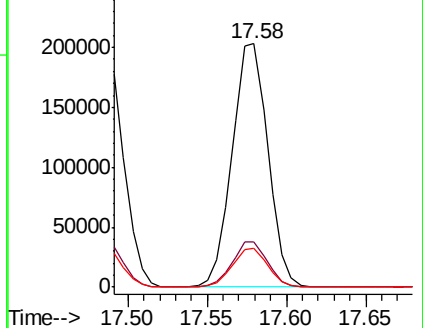
179 16.2 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





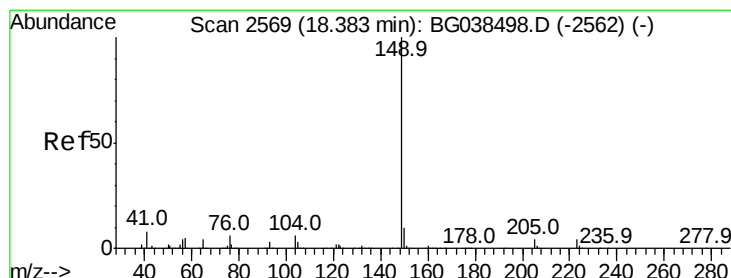
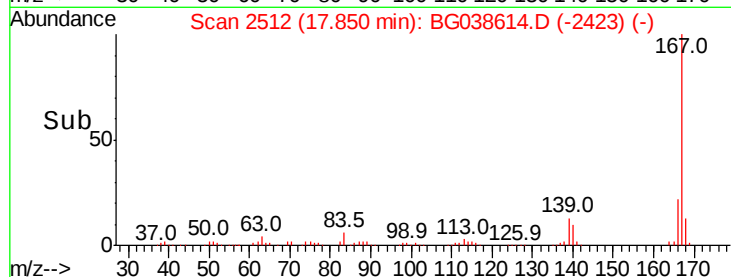
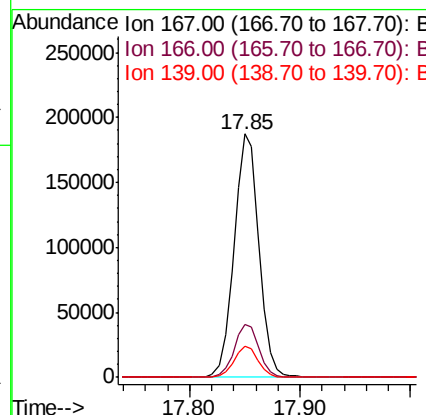
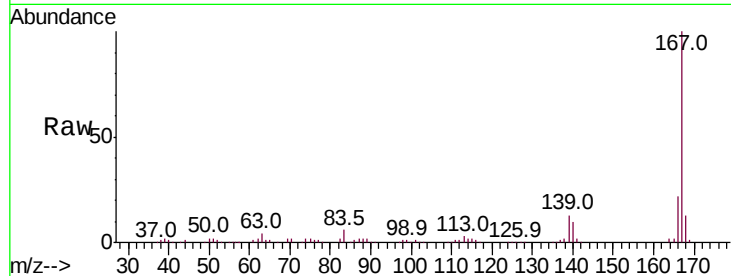
#73
 Carbazole
 Concen: 43.695 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	294644		
166	21.8	17.9	26.9	
139	12.8	10.2	15.2	

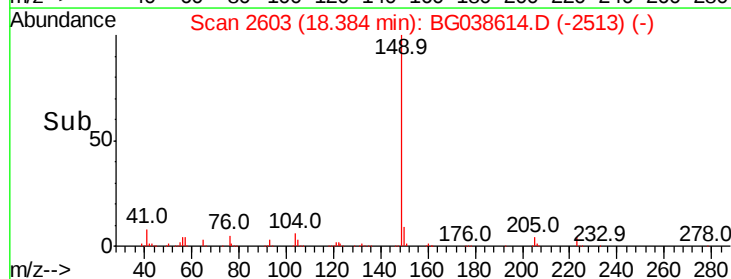
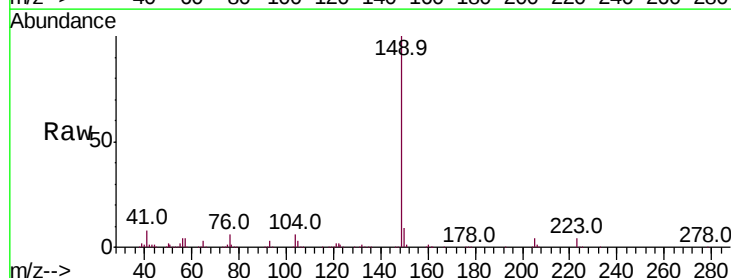
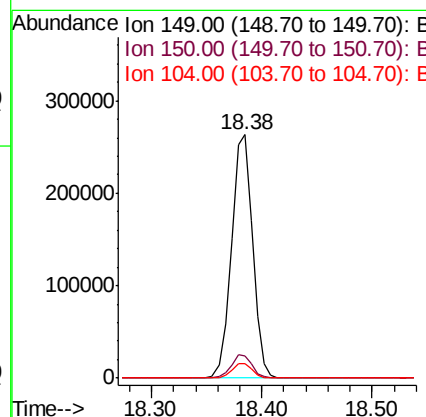
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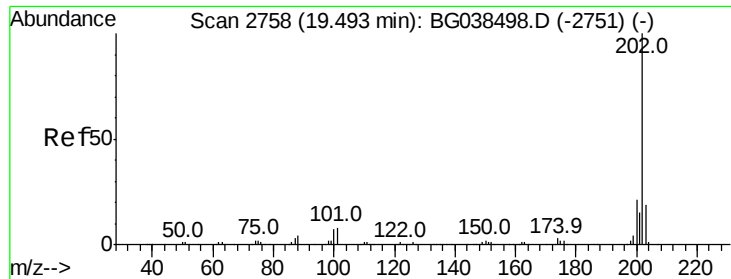
Sohil
 12/16/2018 2:01:20 PM



#74
 Di-n-butylphthalate
 Concen: 45.823 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	354554		
150	9.1	7.6	11.4	
104	5.7	5.0	7.4	





#75

Fluoranthene

Concen: 47.461 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

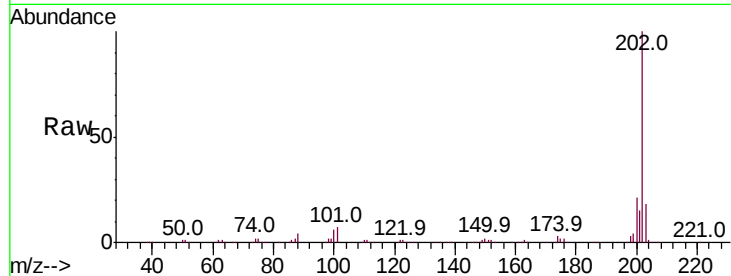
ClientSampleId :

PB115720BS

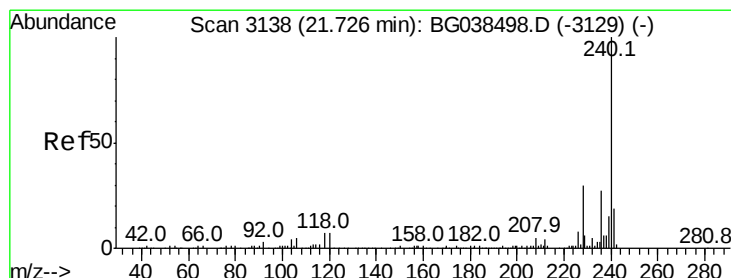
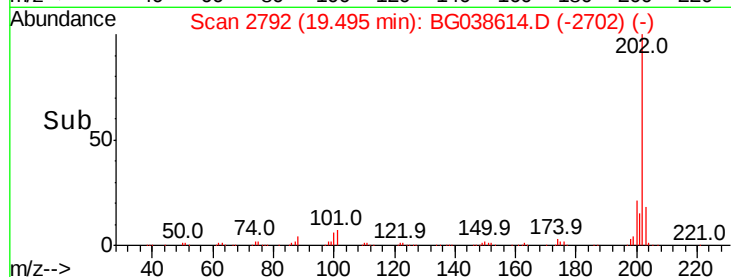
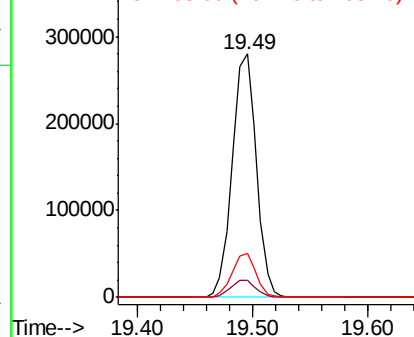
Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	7.1	0.0	28.1	
203	17.8	0.0	39.0	

Manual Integrations
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12/16/2018 2:01:20 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

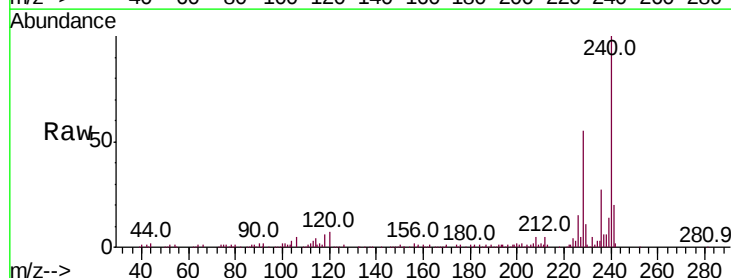
RT: 21.72 min Scan# 3171

Delta R.T. -0.00 min

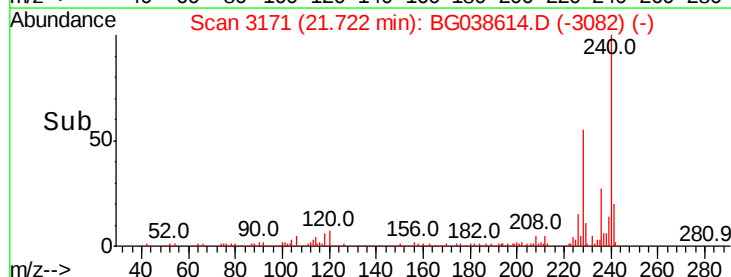
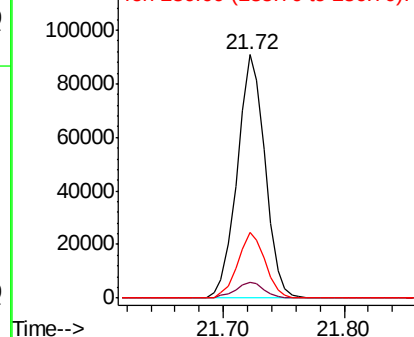
Lab File: BG038614.D

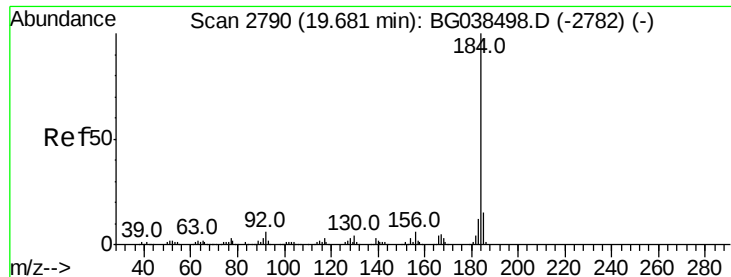
Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	6.6	5.3	7.9	
236	26.7	21.4	32.2	



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





#77

Benzidine

Concen: 48.886 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

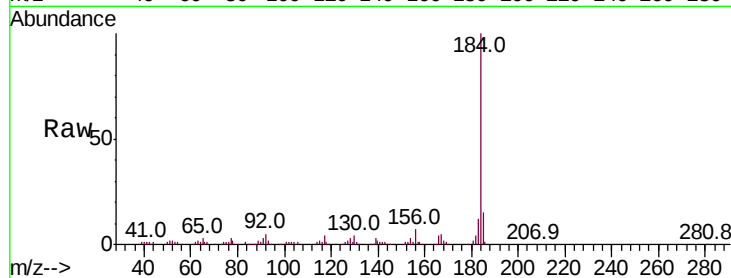
ClientSampleId :

PB115720BS

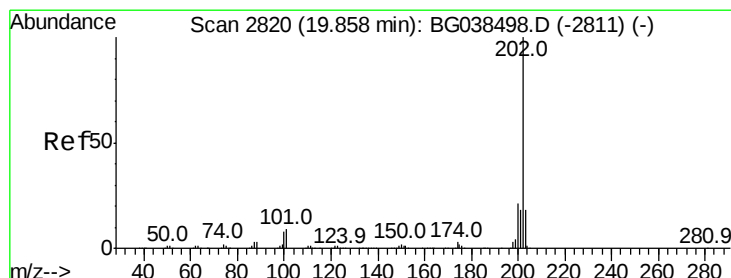
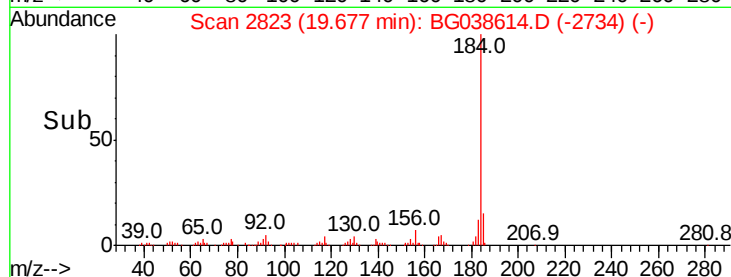
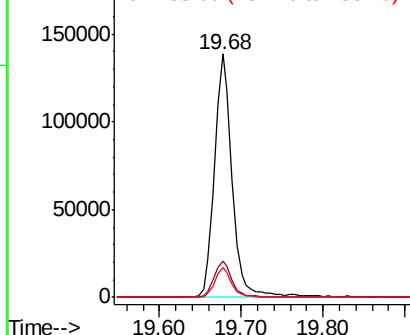
Tot Ion:	184	Resp:	210707
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.2	18.2
183	12.3	9.6	14.4

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



#78

Pyrene

Concen: 42.426 ng

RT: 19.86 min Scan# 2854

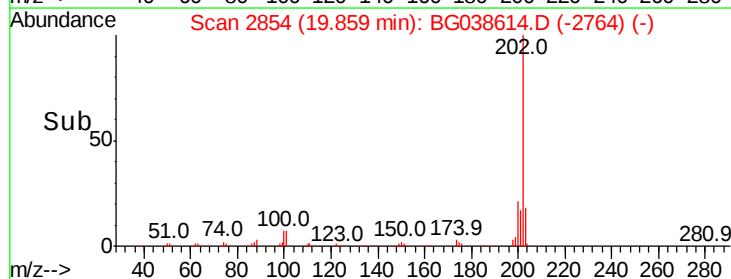
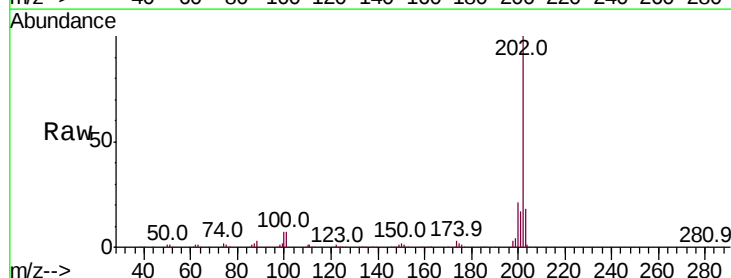
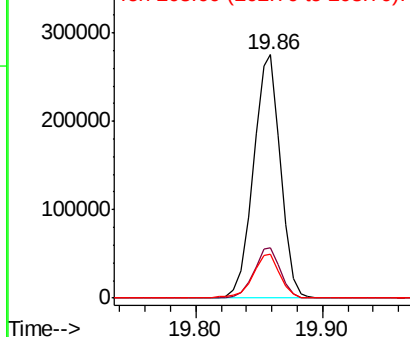
Delta R.T. 0.00 min

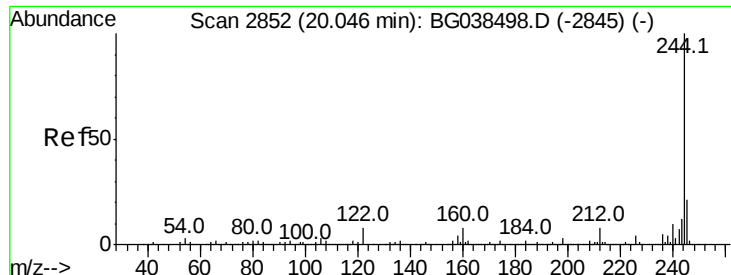
Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Tgt Ion:	202	Resp:	408485
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.6	25.0
203	18.0	14.6	21.8

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





#79

Terphenyl-d14

Concen: 80.143 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

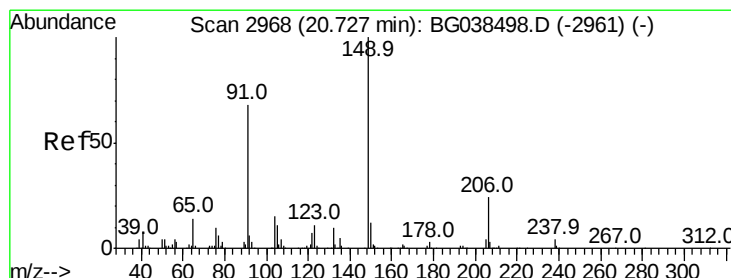
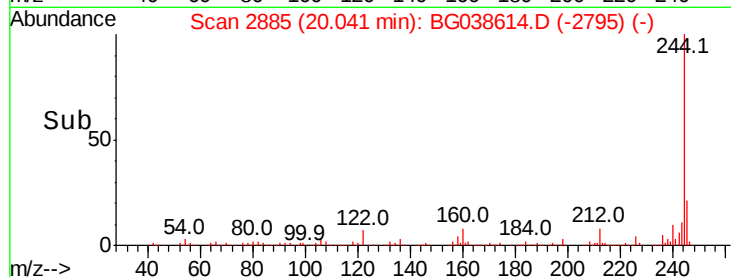
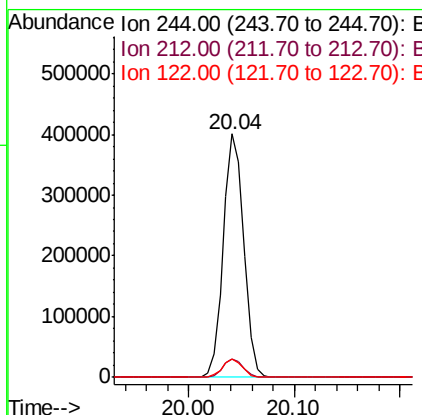
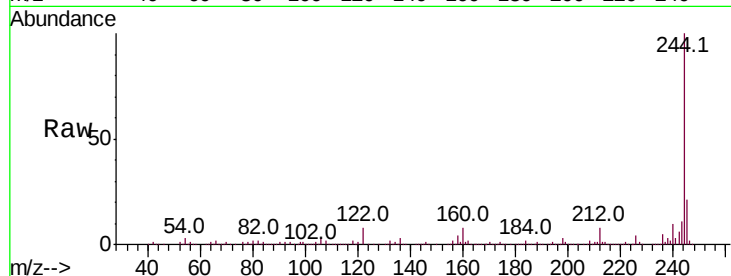
ClientSampleId :

PB115720BS

Tot Ion:	244	Resp:	536687
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.2	9.2
122	7.5	6.3	9.5

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#80

Butylbenzylphthalate

Concen: 43.385 ng

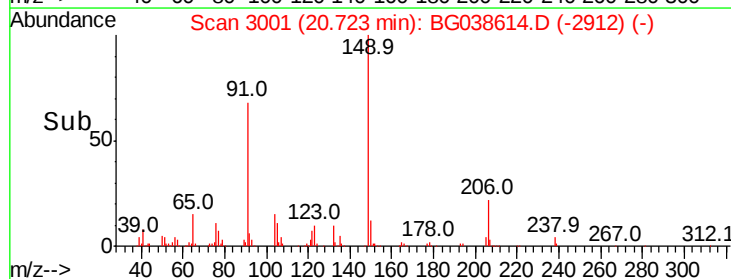
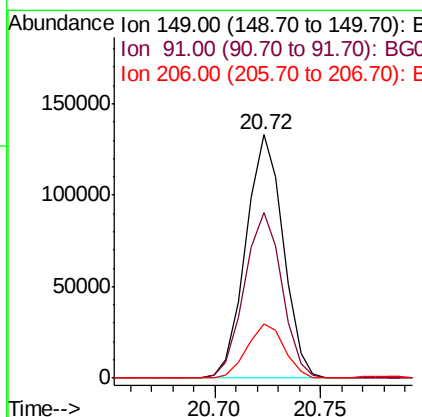
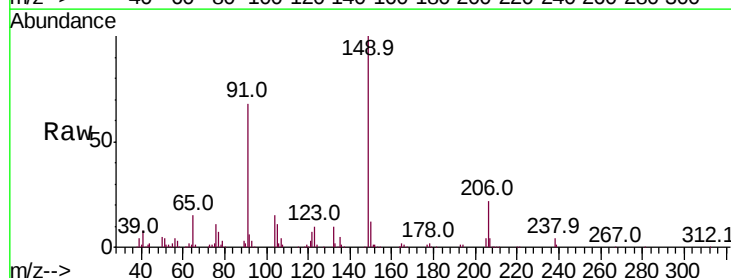
RT: 20.72 min Scan# 3001

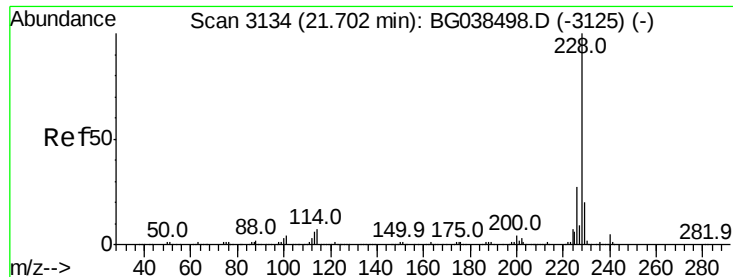
Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Tgt Ion:	149	Resp:	163197
Ion Ratio	Lower	Upper	
149	100		
91	68.2	54.5	81.7
206	22.1	19.0	28.6





#81

Benzo(a)anthracene

Concen: 45.812 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

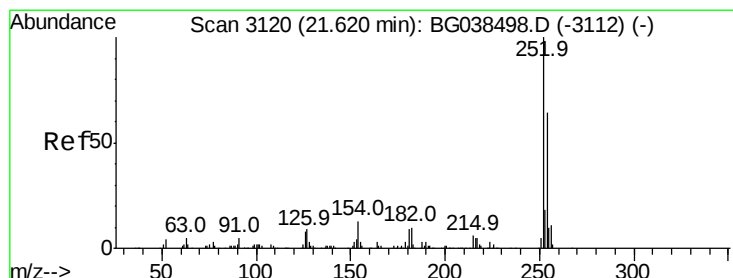
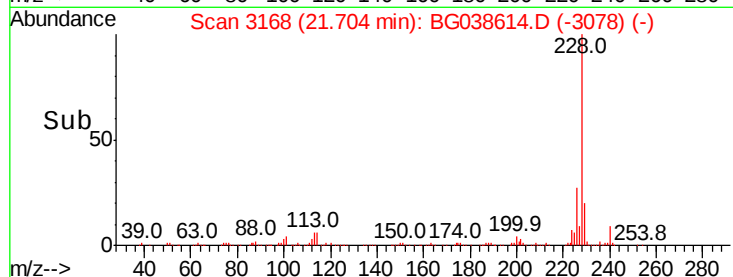
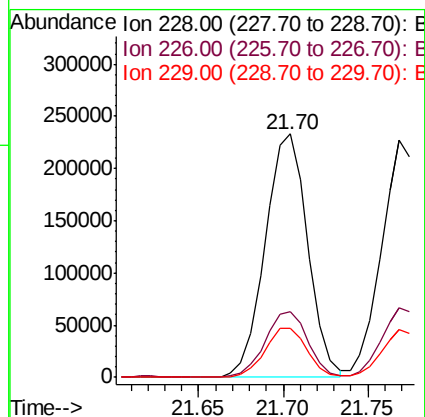
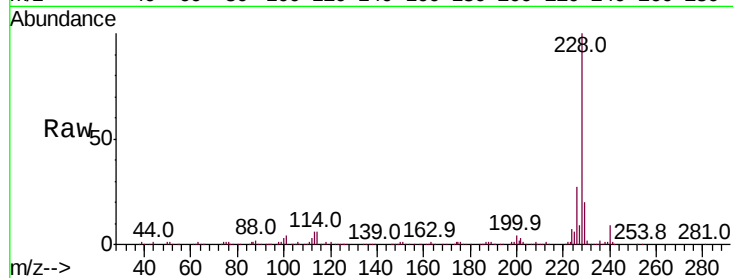
ClientSampleId :

PB115720BS

Tot Ion:	228	Resp:	406839
Ion Ratio	Lower	Upper	
228	100		
226	27.0	21.8	32.8
229	19.9	15.8	23.6

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#82

3,3'-Dichlorobenzidine

Concen: 28.586 ng

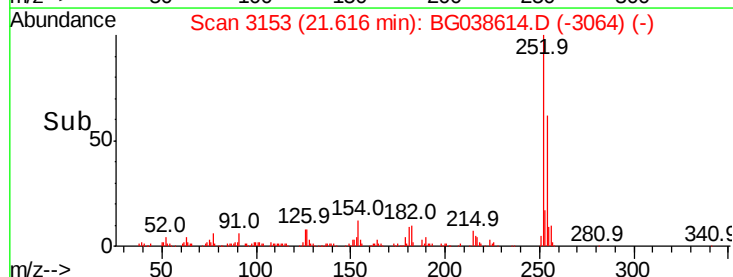
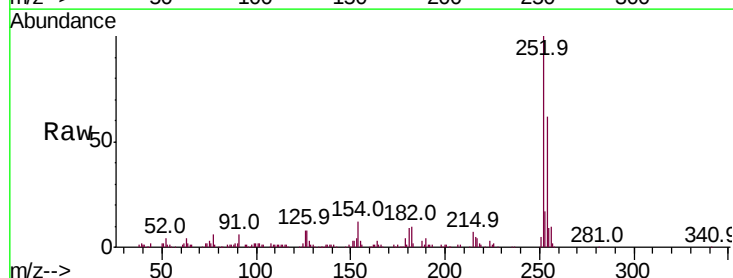
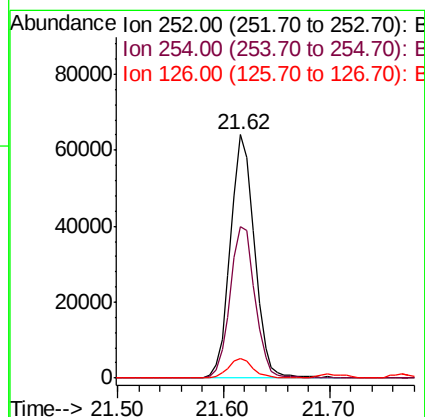
RT: 21.62 min Scan# 3153

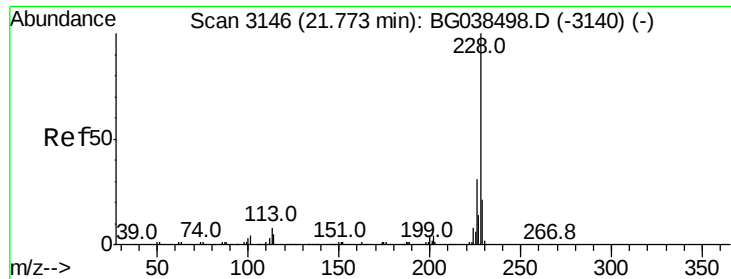
Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Tgt Ion:	252	Resp:	100685
Ion Ratio	Lower	Upper	
252	100		
254	62.2	50.9	76.3
126	8.3	6.3	9.5





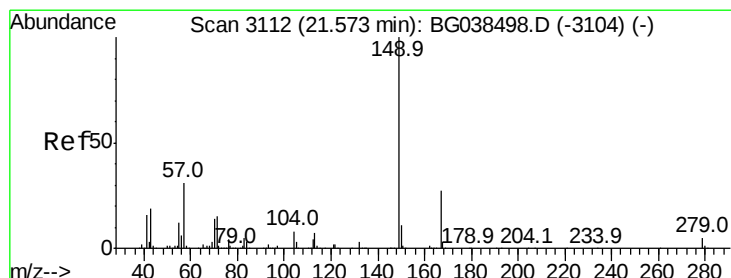
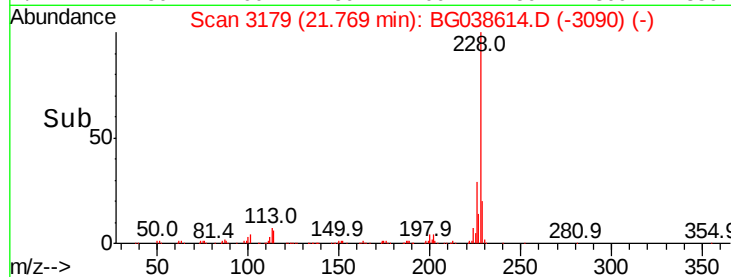
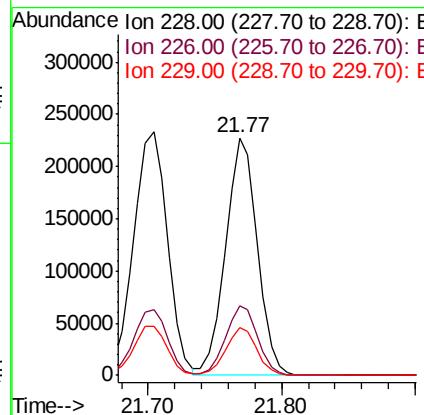
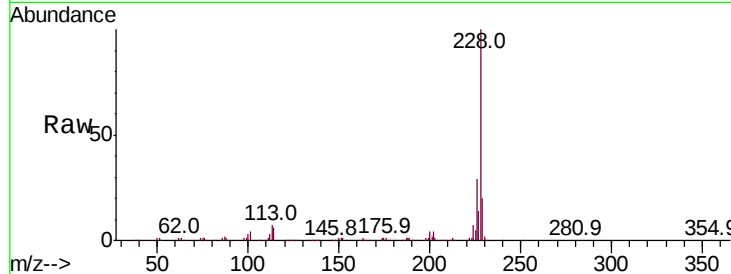
#83
 Chrysene
 Concen: 44.222 ng
 RT: 21.77 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115720BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	29.4	25.0	37.4		
229	20.0	16.5	24.7		

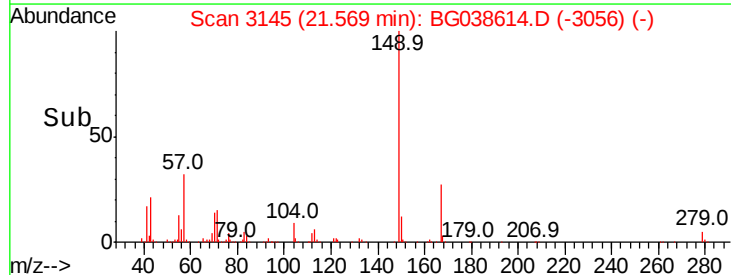
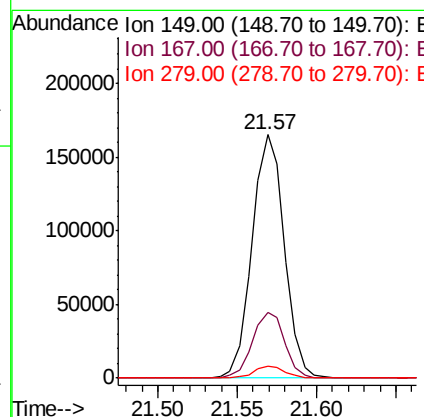
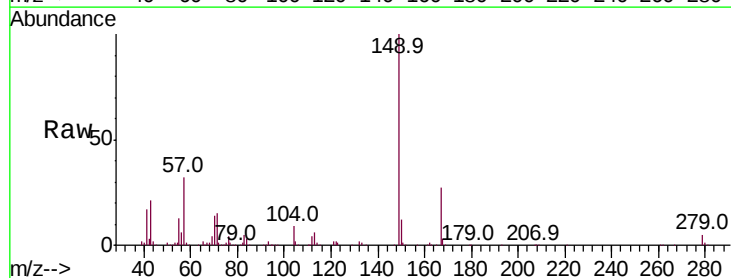
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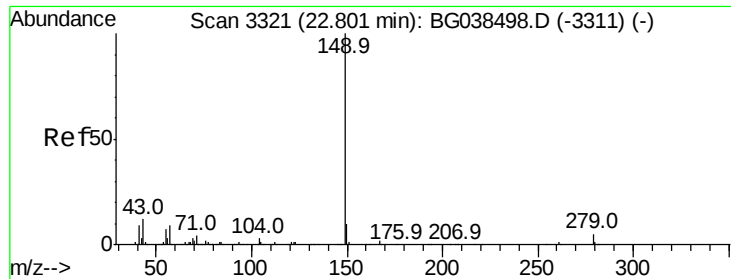
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.633 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: BG038614.D
 Acq: 15 Dec 2018 21:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
167	27.1	21.9	32.9		
279	4.9	4.2	6.2		





#85

Di-n-octyl phthalate

Concen: 44.474 ng

RT: 22.80 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Instrument :

BNA_G

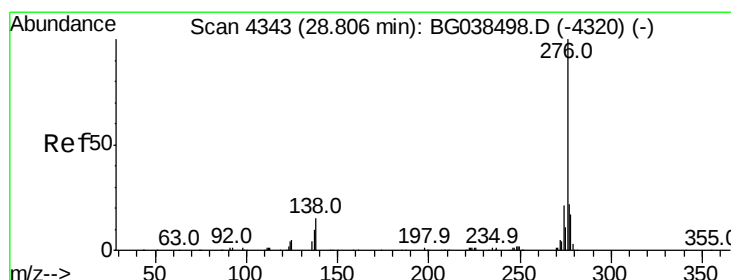
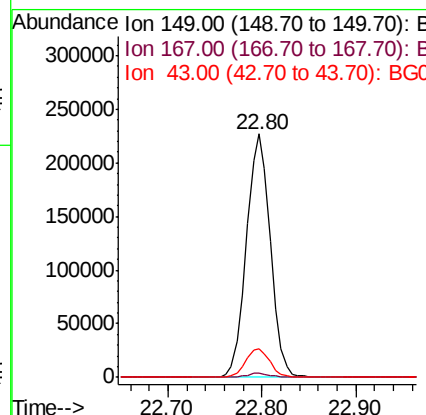
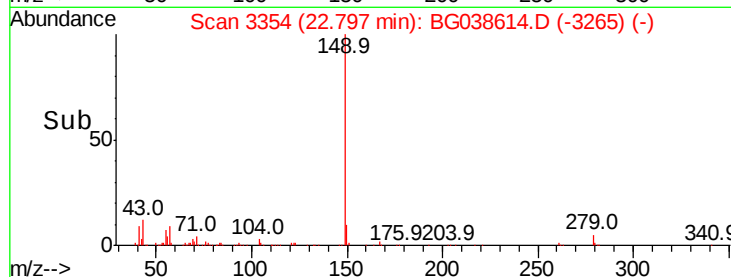
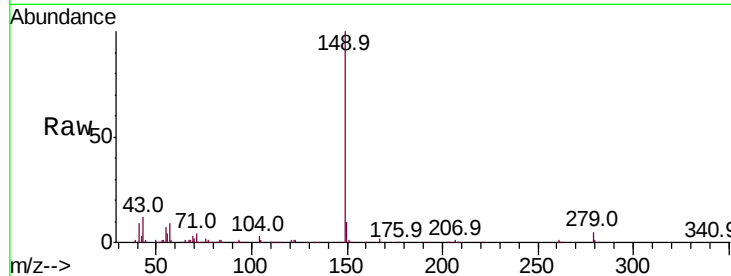
ClientSampleId :

PB115720BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	397361		
167	1.6	1.2	1.8	
43	11.9	9.3	13.9	

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#86

Indeno(1,2,3-cd)pyrene

Concen: 46.684 ng

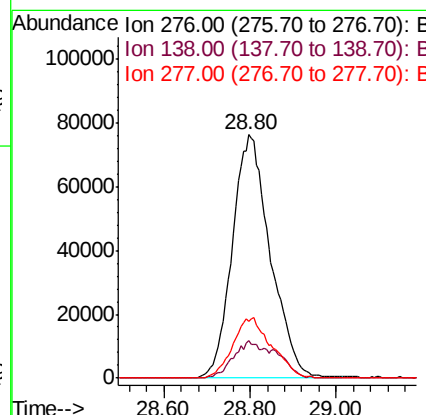
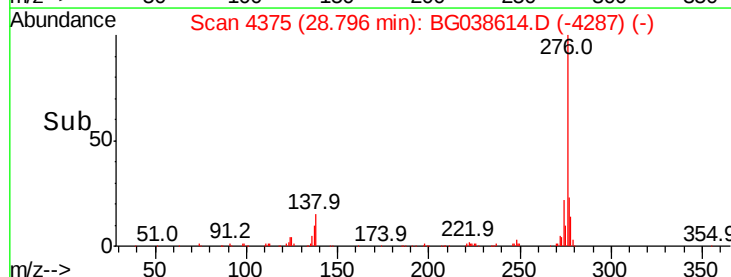
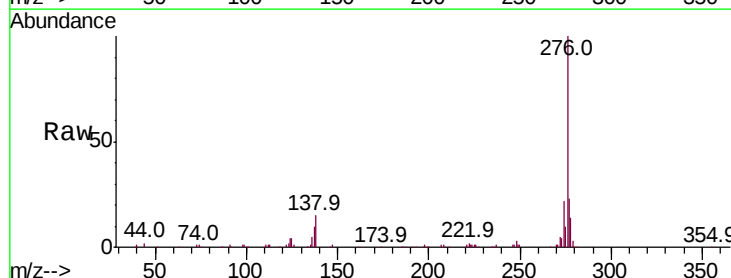
RT: 28.80 min Scan# 4375

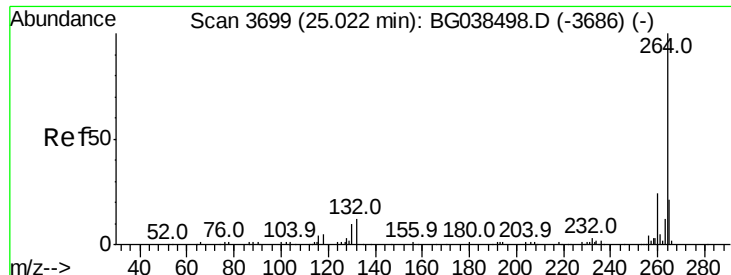
Delta R.T. -0.01 min

Lab File: BG038614.D

Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	469475		
138	12.2	14.4	21.6#	
277	25.4	0.0	0.0#	





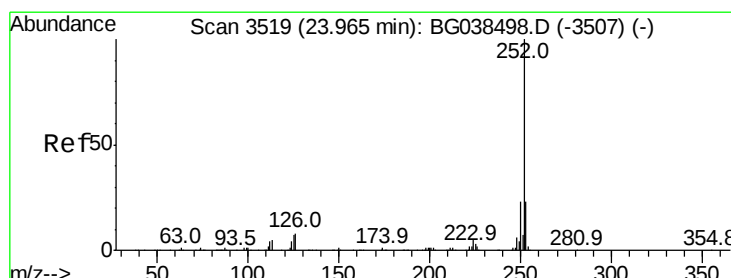
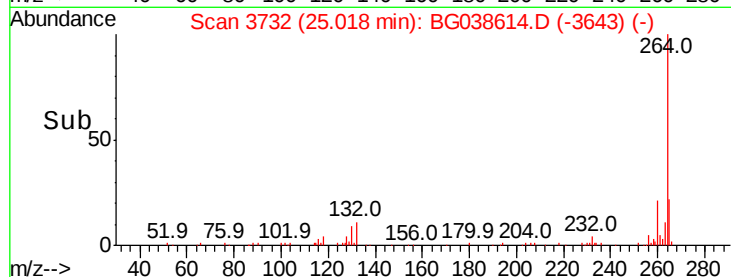
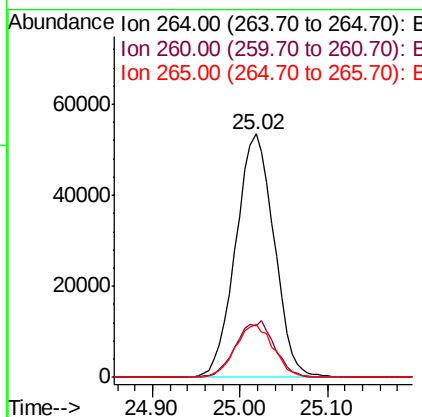
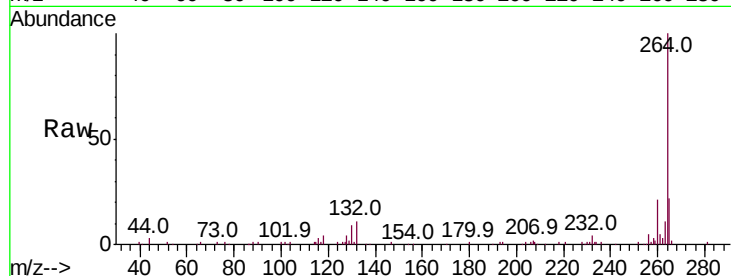
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.9	28.3
265	21.6	17.0	25.4

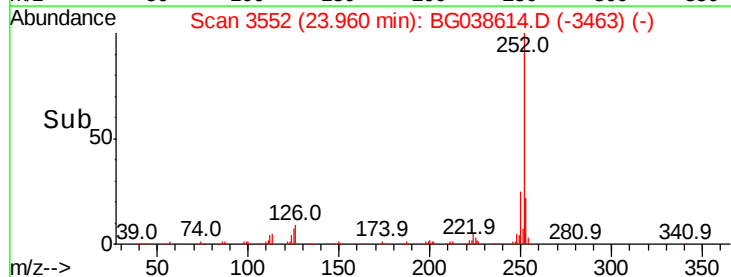
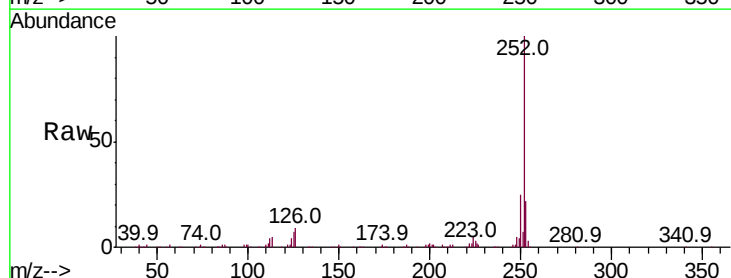
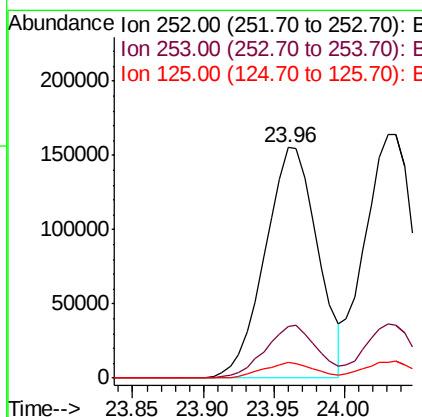
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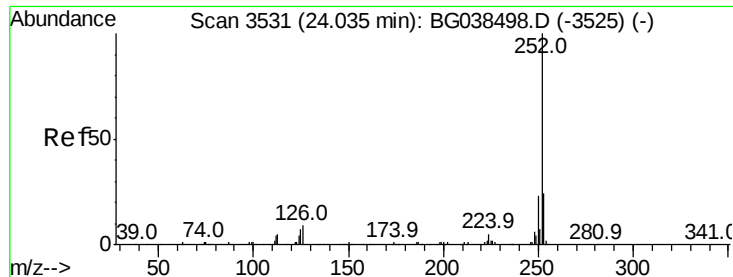
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#88
Benzo(b)fluoranthene
Concen: 46.299 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	7.1	5.5	8.3





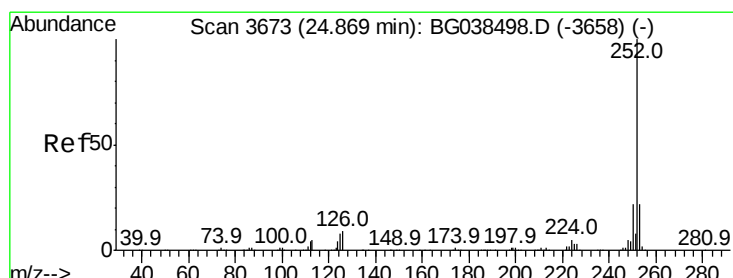
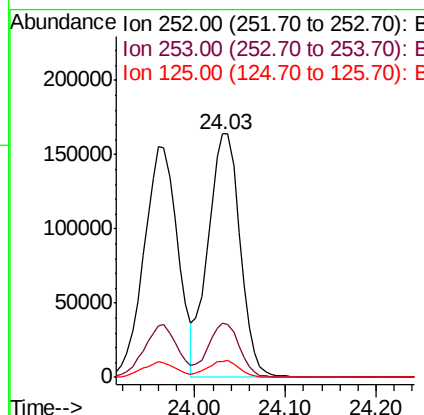
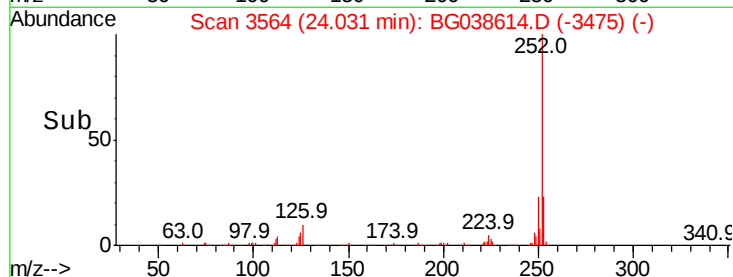
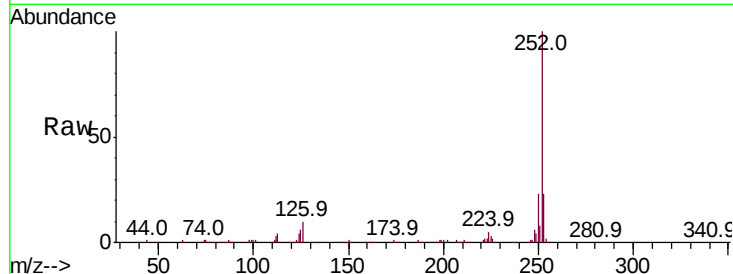
#89
Benzo(k)fluoranthene
Concen: 46.299 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.9	28.3
125	6.4	5.4	8.2

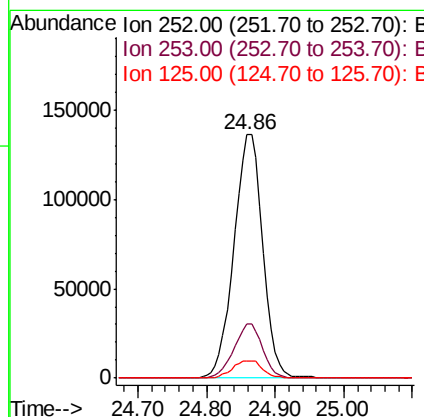
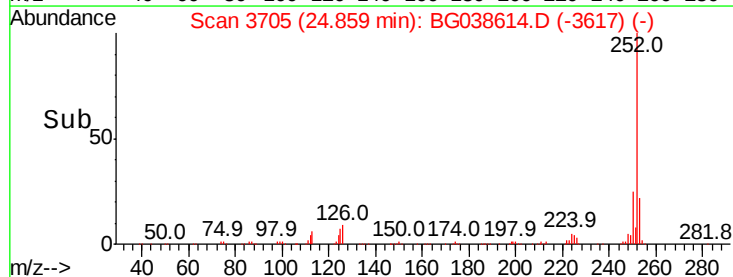
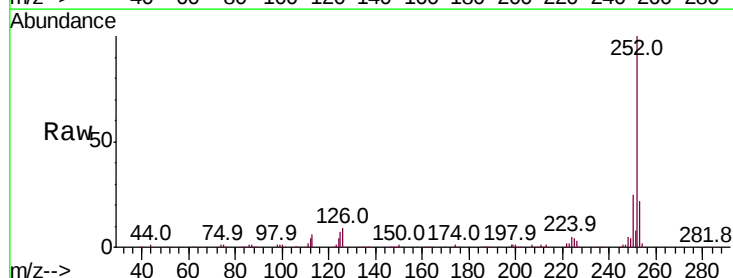
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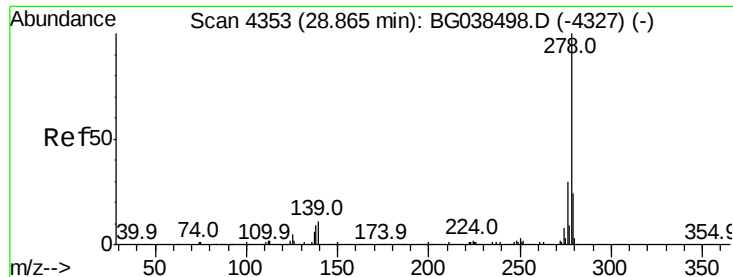
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#90
Benzo(a)pyrene
Concen: 47.036 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	7.1	6.4	9.6





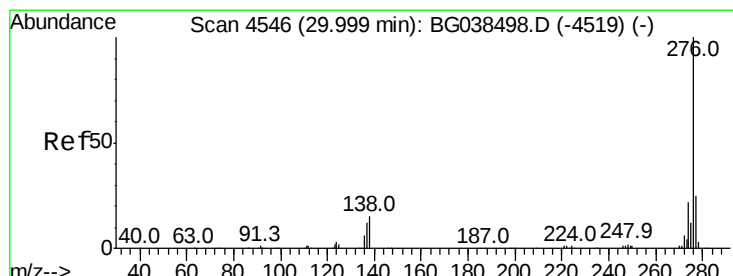
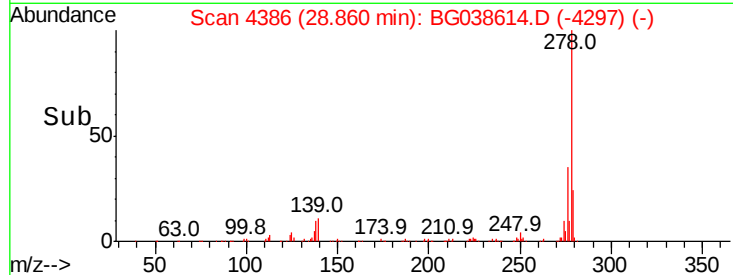
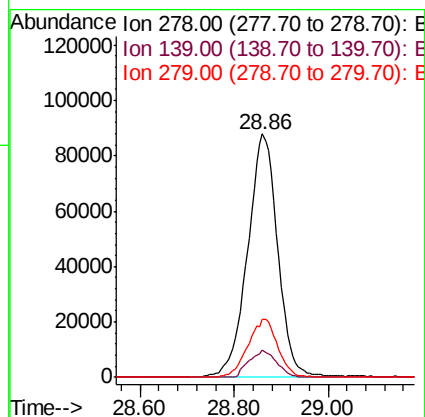
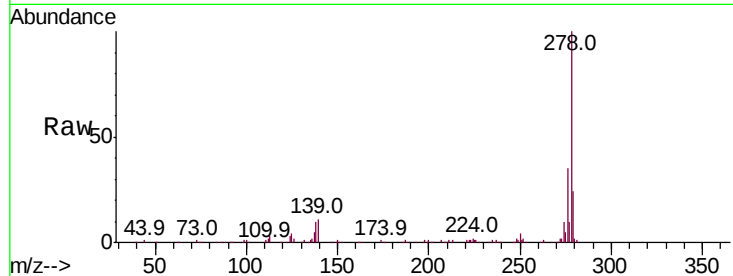
#91
Dibenzo(a,h)anthracene
Concen: 46.761 ng
RT: 28.86 min Scan# 4386
Delta R.T. -0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Instrument :
BNA_G
ClientSampleId :
PB115720BS

Tot Ion:	278	Resp:	392355
Ion Ratio	Lower	Upper	
278	100		
139	11.1	8.6	12.8
279	23.8	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 46.393 ng
RT: 30.00 min Scan# 4580
Delta R.T. 0.00 min
Lab File: BG038614.D
Acq: 15 Dec 2018 21:26

Tgt Ion:	276	Resp:	383630
Ion Ratio	Lower	Upper	
276	100		
277	25.3	19.8	29.8
138	13.9	11.8	17.6

