

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038508.D
 Acq On : 12 Dec 2018 21:24
 Operator : JU/SJ
 Sample : J6193-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

Manual Integrations
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 12/13/2018 3:07:01 PM

Quant Time: Dec 13 06:32:44 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	25907	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	105132	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	70055	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	180654	20.00	ng	0.00
76) Chrysene-d12	21.73	240	180169	20.00	ng	0.00
87) Perylene-d12	25.02	264	198215	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	205297	140.55	ng	0.00
7) Phenol-d6	7.21	99	252308	125.83	ng	0.00
23) Nitrobenzene-d5	9.24	82	203143	98.71	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	160484	166.22	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	480983	94.19	ng	0.00
79) Terphenyl-d14	20.04	244	905899	109.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	21781	32.040	ng	# 1
3) Pyridine	3.90	79	58828	31.431	ng	91
4) n-Nitrosodimethylamine	3.82	42	39596	43.176	ng	96
6) Aniline	7.39	93	32281	12.611	ng	99
8) 2-Chlorophenol	7.62	128	77090	45.607	ng	97
9) Benzaldehyde	7.20	77	32428	24.929	ng	98
10) Phenol	7.24	94	83591	39.239	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	72526	42.761	ng	99
12) 1,3-Dichlorobenzene	7.95	146	78649	39.352	ng	97
13) 1,4-Dichlorobenzene	8.09	146	81233	39.686	ng	97
14) 1,2-Dichlorobenzene	8.42	146	77425	40.123	ng	97
15) Benzyl Alcohol	8.31	79	74777	47.777	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	164650	42.378	ng	98
17) 2-Methylphenol	8.50	107	67737	47.459	ng	99
18) Hexachloroethane	9.14	117	29183	39.017	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	62681	44.507	ng	97
20) 3+4-Methylphenols	8.83	107	92283	46.817	ng	94
22) Acetophenone	8.89	105	120953	46.060	ng	96
24) Nitrobenzene	9.28	77	97105	46.644	ng	100
25) Isophorone	9.79	82	182068	49.242	ng	99
26) 2-Nitrophenol	9.99	139	47552	44.628	ng	99
27) 2,4-Dimethylphenol	10.03	122	81435	53.328	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	102262	49.009	ng	98
29) 2,4-Dichlorophenol	10.52	162	87527	51.522	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	88293	43.027	ng	92
31) Naphthalene	10.93	128	245900	47.472	ng	99
32) Benzoic acid	10.17	122	7626m	16.361	ng	
33) 4-Chloroaniline	11.06	127	4187	1.862	ng	95
34) Hexachlorobutadiene	11.19	225	56871	40.958	ng	# 91
35) Caprolactam	11.83	113	21771m	30.966	ng	
36) 4-Chloro-3-methylphenol	12.15	107	96095	49.568	ng	98
37) 2-Methylnaphthalene	12.53	142	185485	50.193	ng	99
38) 1-Methylnaphthalene	12.75	142	179059	49.933	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	109427	41.788	ng	99

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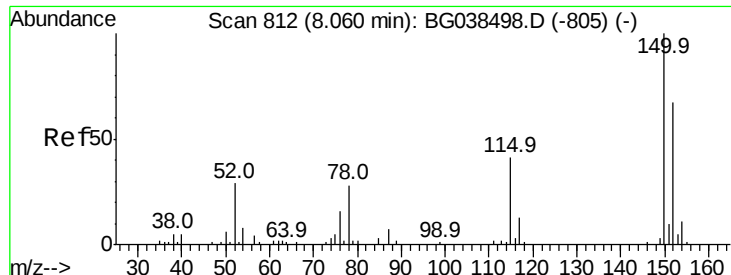
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	128160	89.083	nq	98
43) 2,4,6-Trichlorophenol	13.13	196	80049	49.717	nq	98
44) 2,4,5-Trichlorophenol	13.21	196	86249	50.594	nq	95
46) 1,1'-Biphenyl	13.53	154	248200	42.262	nq	100
47) 2-Chloronaphthalene	13.58	162	199789	44.041	nq	96
48) 2-Nitroaniline	13.79	65	69962	48.417	nq	95
49) Acenaphthylene	14.42	152	331550	48.888	nq	99
50) Dimethylphthalate	14.15	163	285251	49.861	nq	99
51) 2,6-Dinitrotoluene	14.28	165	64882	50.046	nq	94
52) Acenaphthene	14.76	154	189147	46.642	nq	95
53) 3-Nitroaniline	14.61	138	8738	6.612	nq	# 93
54) 2,4-Dinitrophenol	14.82	184	33492	45.787	nq	97
55) Dibenzofuran	15.10	168	323361	46.517	nq	96
56) 4-Nitrophenol	14.92	139	91814	91.577	nq	95
57) 2,4-Dinitrotoluene	15.07	165	90713	49.678	nq	96
58) Fluorene	15.74	166	264360	51.330	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	81827	53.352	nq	99
60) Diethylphthalate	15.50	149	293346	46.709	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	148918	46.343	nq	99
62) 4-Nitroaniline	15.78	138	57782	42.468	nq	96
63) Azobenzene	16.03	77	250457	47.738	nq	98
65) 4,6-Dinitro-2-methylphenol	15.83	198	34934	27.108	nq	98
66) n-Nitrosodiphenylamine	15.95	169	241750	45.544	nq	98
67) 4-Bromophenyl-phenylether	16.63	248	97924	44.384	nq	93
68) Hexachlorobenzene	16.74	284	102977	45.025	nq	97
69) Atrazine	16.89	200	102535	52.052	nq	99
70) Pentachlorophenol	17.09	266	103613	76.593	nq	97
71) Phenanthrene	17.49	178	465262	49.665	nq	99
72) Anthracene	17.58	178	473012	51.146	nq	99
73) Carbazole	17.85	167	422531	46.197	nq	100
74) Di-n-butylphthalate	18.38	149	505475	48.163	nq	100
75) Fluoranthene	19.49	202	577463	49.820	nq	97
77) Benzidine	19.68	184	127310	23.893	nq	97
78) Pyrene	19.86	202	576146	48.406	nq	99
80) Butylbenzylphthalate	20.73	149	227865	49.002	nq	99
81) Benzo(a)anthracene	21.70	228	556505	50.690	nq	99
82) 3,3'-Dichlorobenzidine	21.62	252	69589	15.982	nq	99
83) Chrysene	21.77	228	516017	48.798	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	316712	48.022	nq	100
85) Di-n-octyl phthalate	22.80	149	536361	48.560	nq	99
86) Indeno(1,2,3-cd)pyrene	28.81	276	646261	51.983	nq	# 72
88) Benzo(b)fluoranthene	23.96	252	555299	51.025	nq	99
89) Benzo(k)fluoranthene	24.04	252	551262	50.869	nq	98
90) Benzo(a)pyrene	24.87	252	543159	51.734	nq	99
91) Dibenzo(a,h)anthracene	28.87	278	535593	51.235	nq	98
92) Benzo(g,h,i)perylene	30.00	276	530850	51.528	nq	97

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



#1

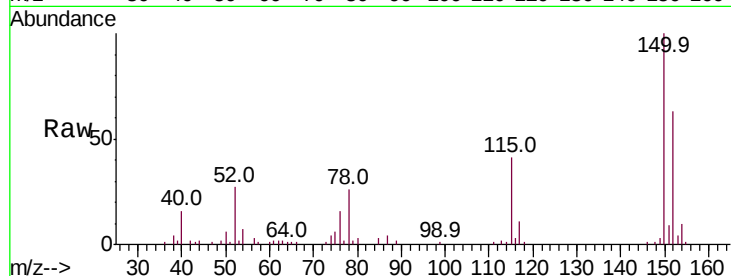
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	119.5	179.3
115	64.7	49.6	74.4

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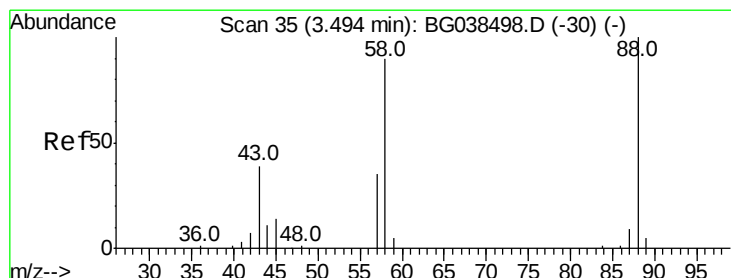
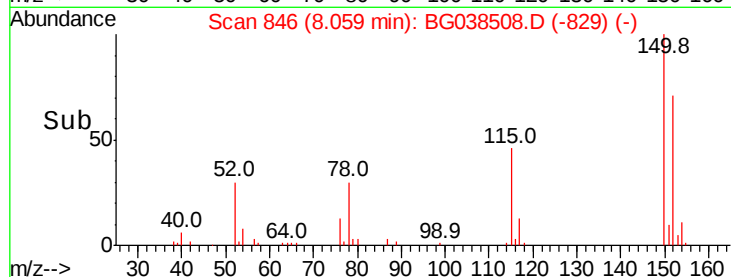
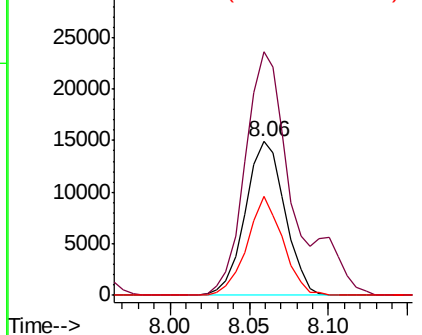


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

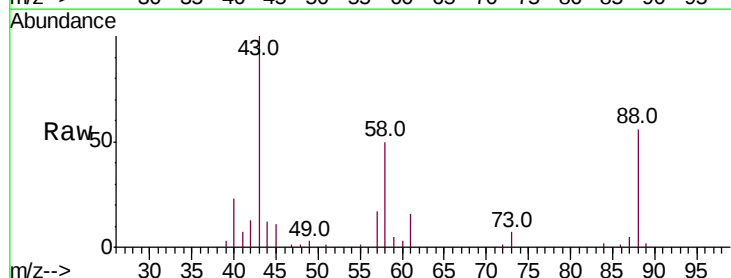
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.040 ng
RT: 3.51 min Scan# 71
Delta R.T. 0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.2	75.7	113.5
43	294.7	31.6	47.4#

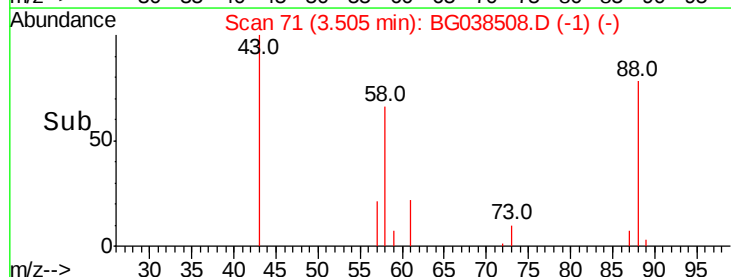
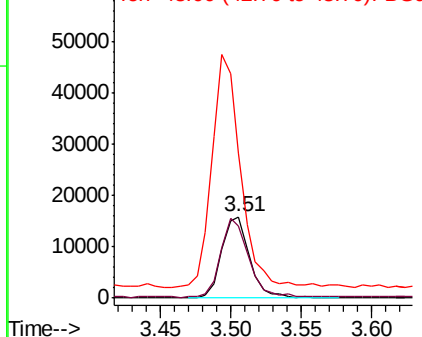


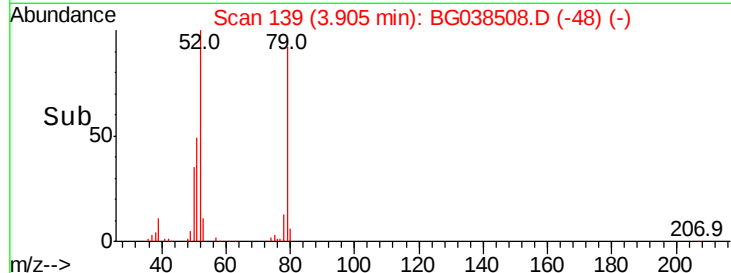
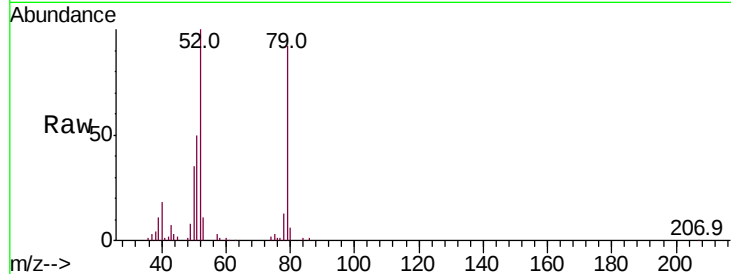
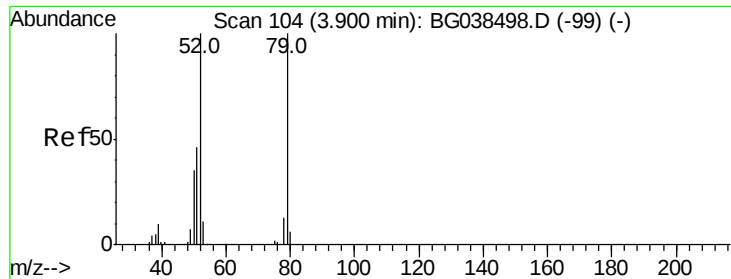
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





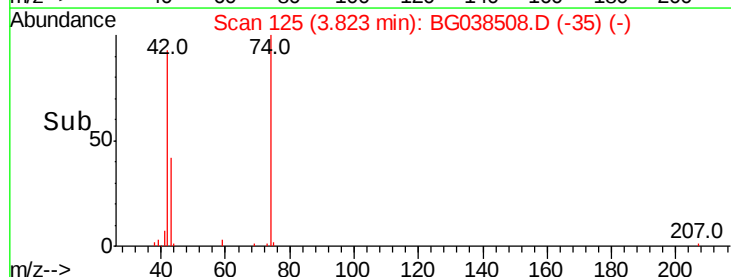
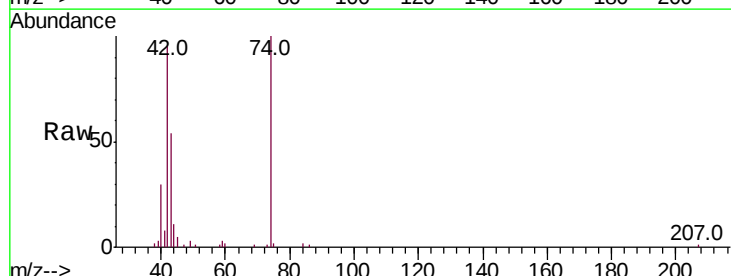
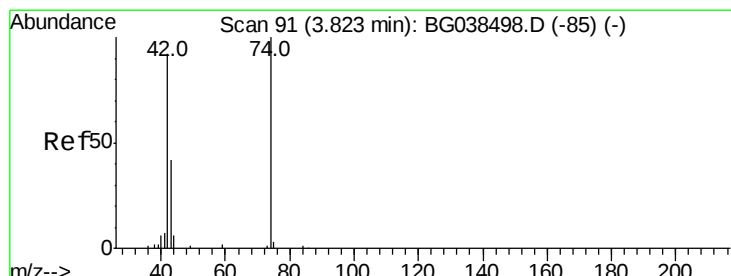
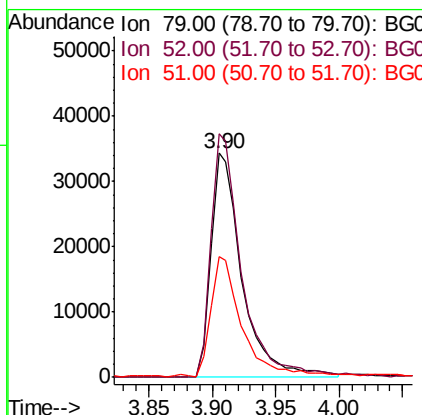
#3
Pvridine
Concen: 31.431 ng
RT: 3.90 min Scan# 139
Delta R.T. 0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tot Ion	Ratio	Lower	Upper
79	100		
52	108.7	80.2	120.2
51	54.0	38.0	57.0

Instrument :
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ClientSampleId :
CL-01-121018-AMSD

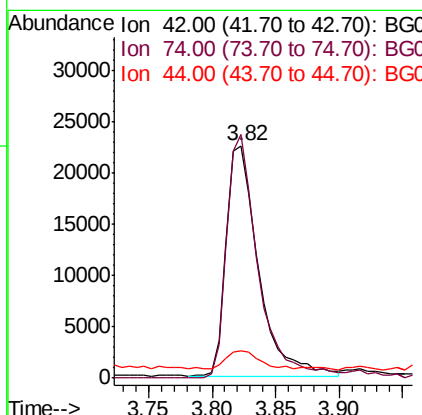
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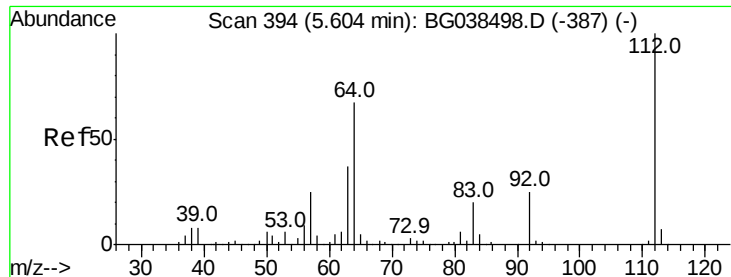
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#4
n-Nitrosodimethylamine
Concen: 43.176 ng
RT: 3.82 min Scan# 125
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	104.8	86.7	130.1
44	11.5	7.8	11.8





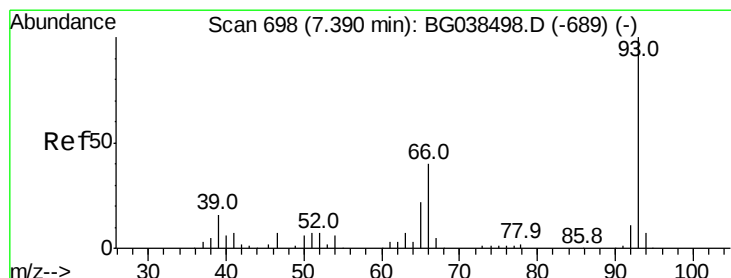
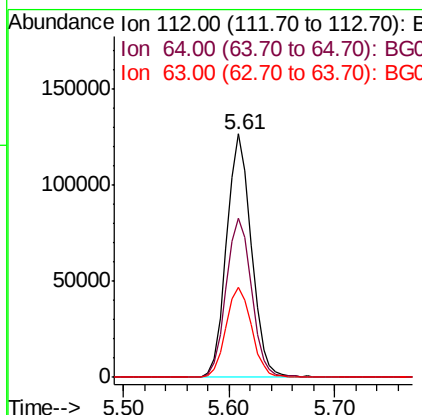
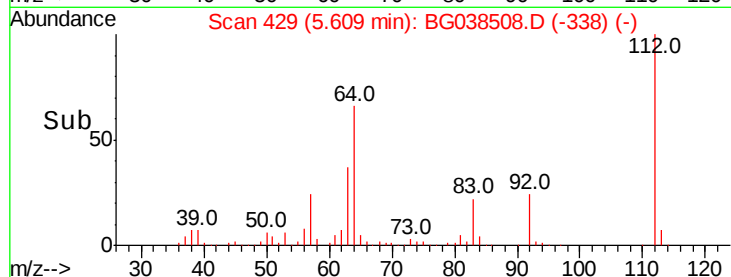
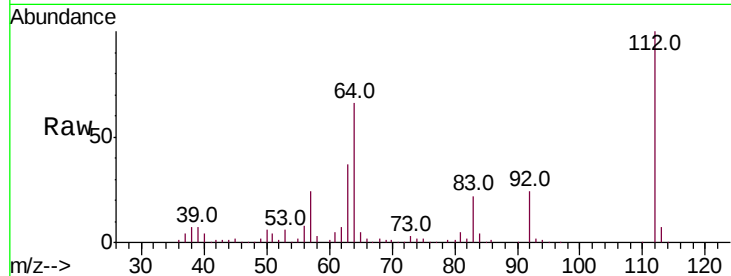
#5
 2-Fluorophenol
 Concen: 140.551 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

Tot Ion:	112	Resp:	205297
Ion Ratio	Lower	Upper	
112	100		
64	65.5	53.4	80.2
63	37.2	29.3	43.9

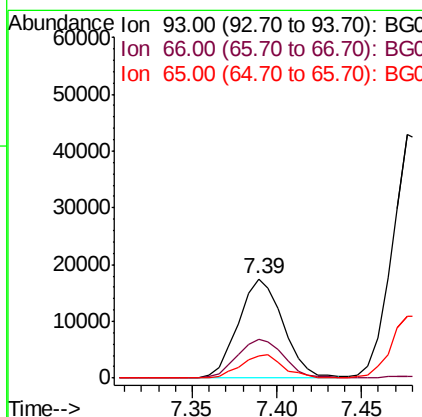
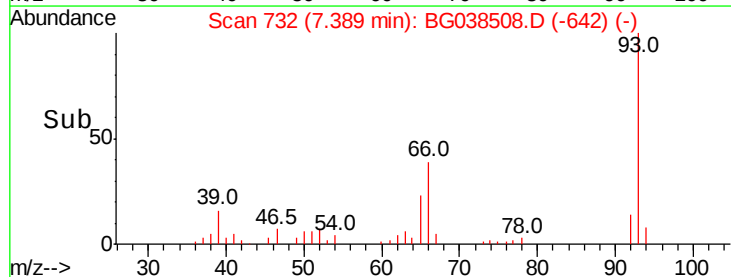
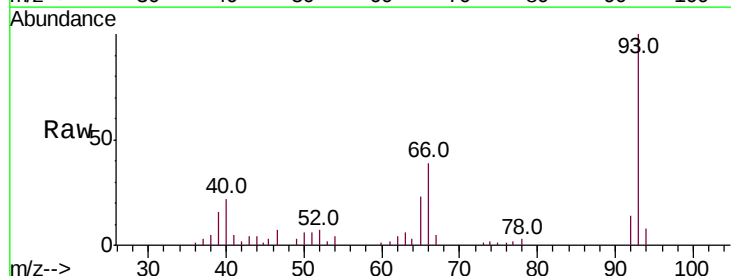
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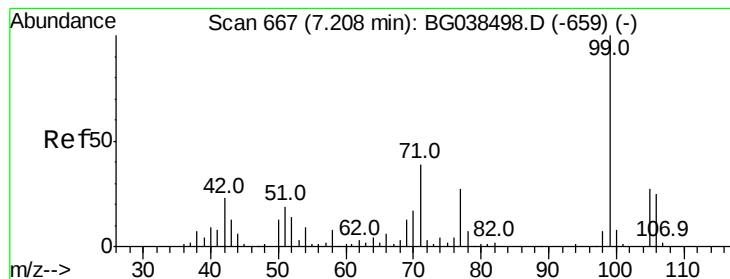
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#6
 Aniline
 Concen: 12.611 ng
 RT: 7.39 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Tgt Ion:	93	Resp:	32281
Ion Ratio	Lower	Upper	
93	100		
66	38.8	31.7	47.5
65	22.6	17.8	26.6





#7

Phenol-d6

Concen: 125.827 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

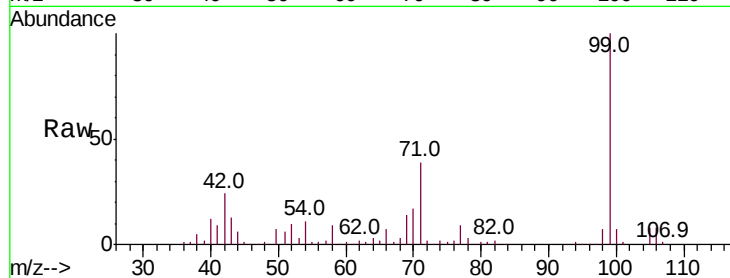
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CL-01-121018-AMSD

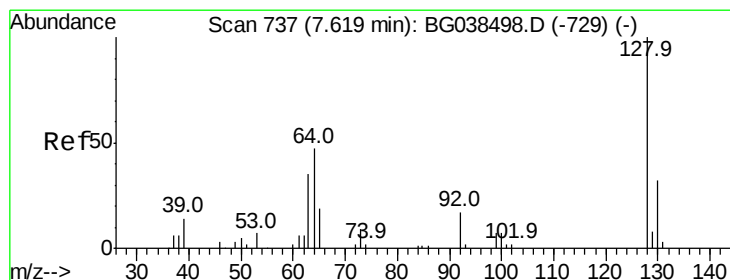
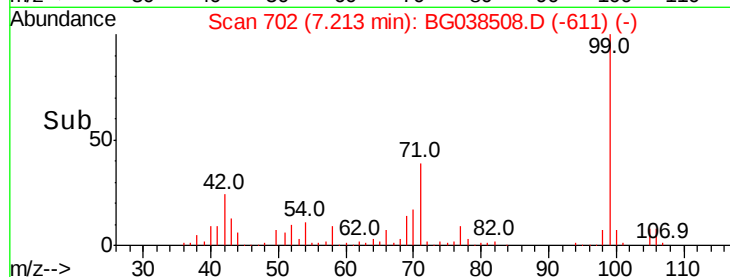
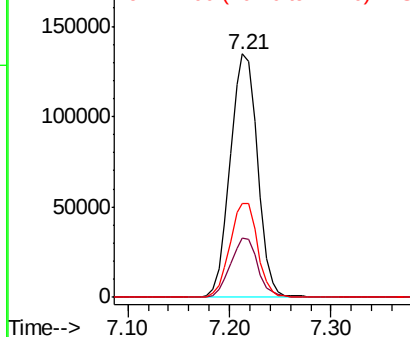
Tot Ion:	99	Resp:	252308
Ion Ratio	Lower	Upper	
99	100		
42	24.1	18.5	27.7
71	38.7	31.1	46.7

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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: 45.607 ng

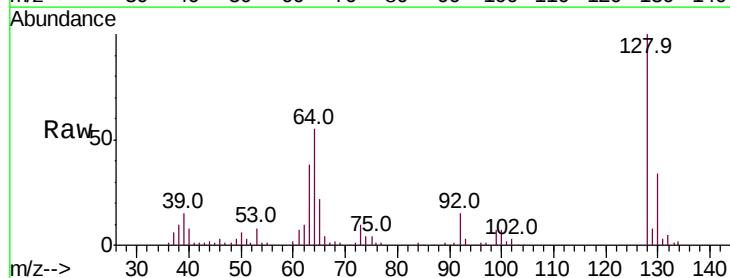
RT: 7.62 min Scan# 772

Delta R.T. 0.01 min

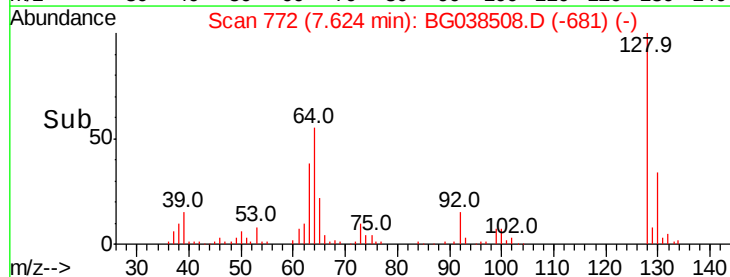
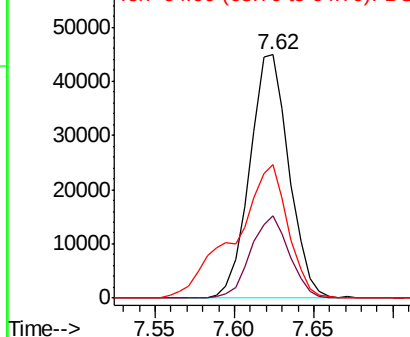
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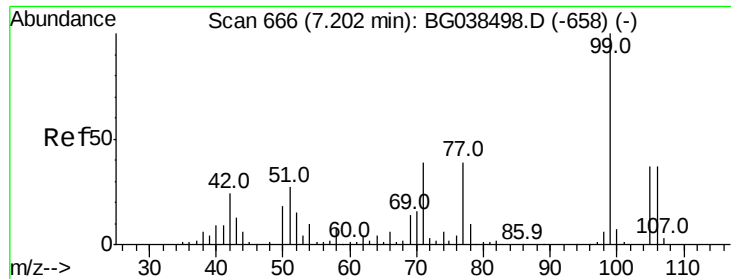
Acq: 12 Dec 2018 21:24

Tgt Ion:	128	Resp:	77090
Ion Ratio	Lower	Upper	
128	100		
130	33.6	11.8	51.8
64	54.8	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: 24.929 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-AMSD

Tot Ion: 77 Resp: 32428

Ion Ratio Lower Upper

77 100

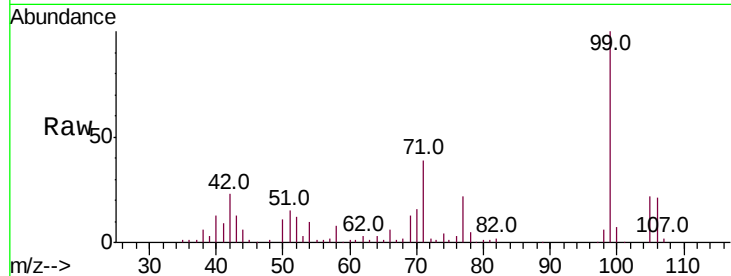
105 96.2 74.0 114.0

106 95.9 73.9 113.9

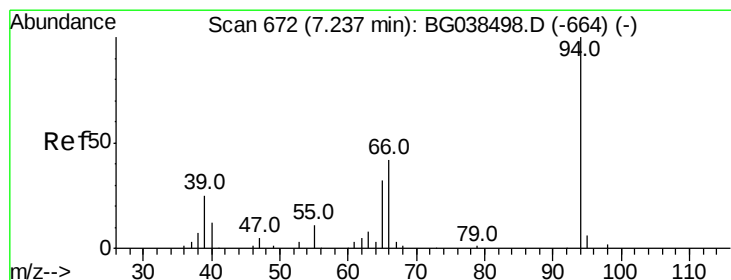
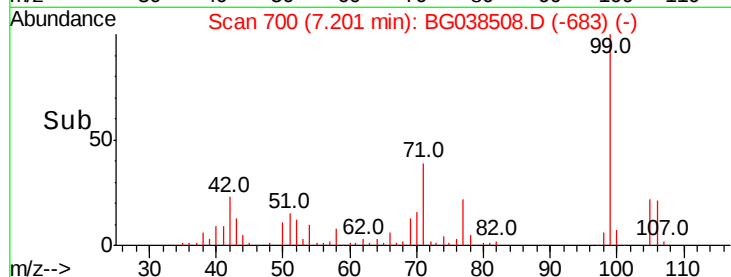
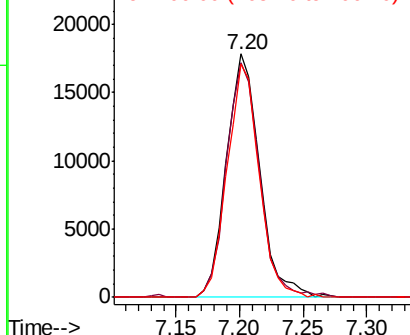
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.239 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

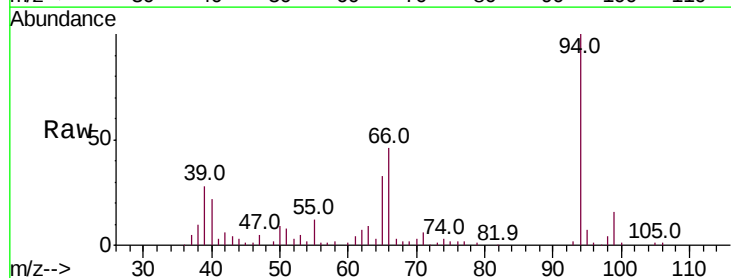
Tgt Ion: 94 Resp: 83591

Ion Ratio Lower Upper

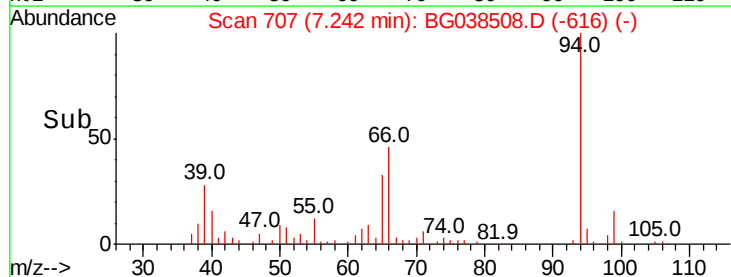
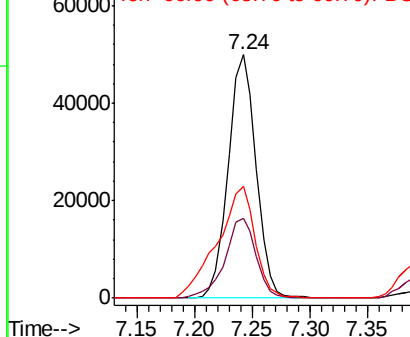
94 100

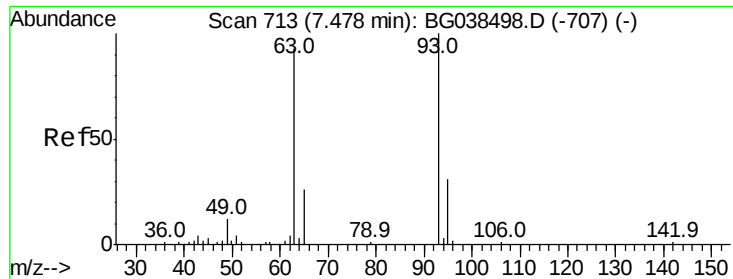
65 33.0 12.6 52.6

66 45.7 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





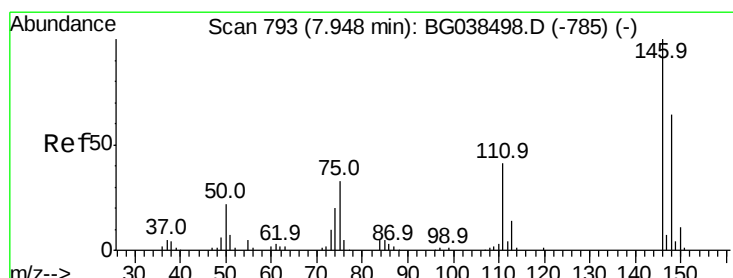
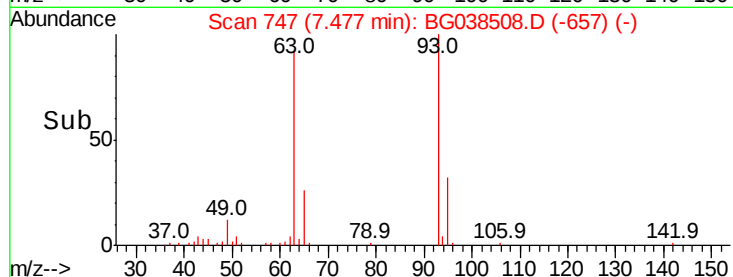
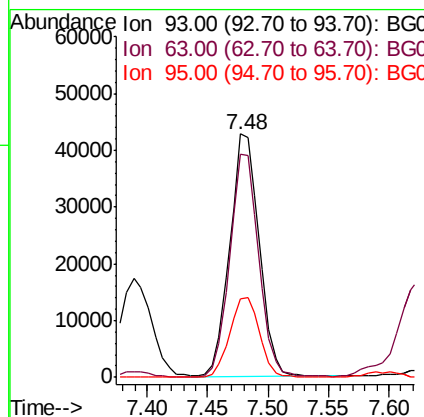
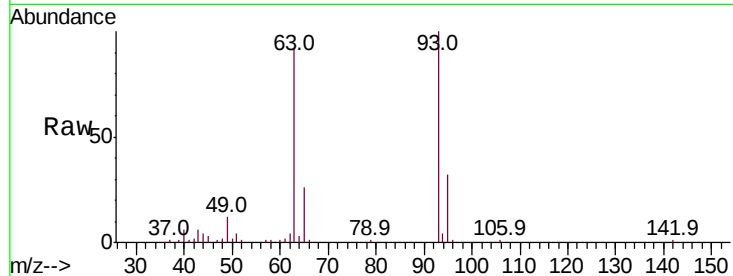
#11
bis(2-Chloroethyl)ether
Concen: 42.761 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.5	72.2	112.2
95	32.3	11.2	51.2

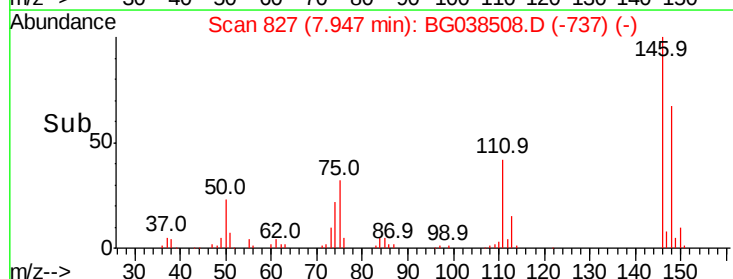
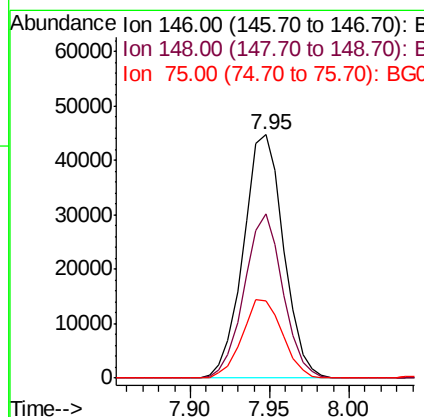
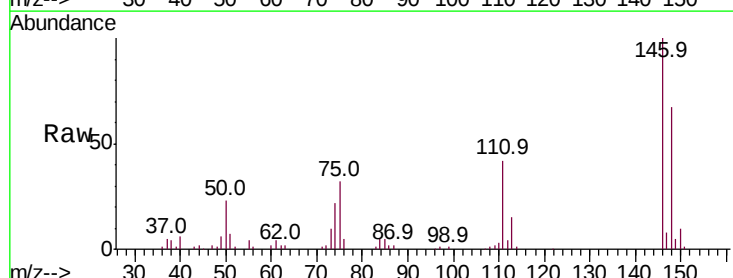
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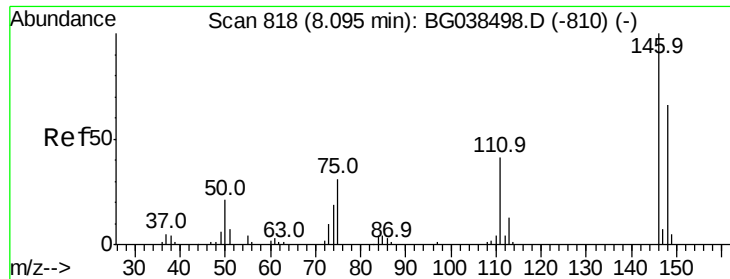
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12/13/2018 3:07:01 PM



#12
1,3-Dichlorobenzene
Concen: 39.352 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	51.4	77.0
75	31.7	26.1	39.1





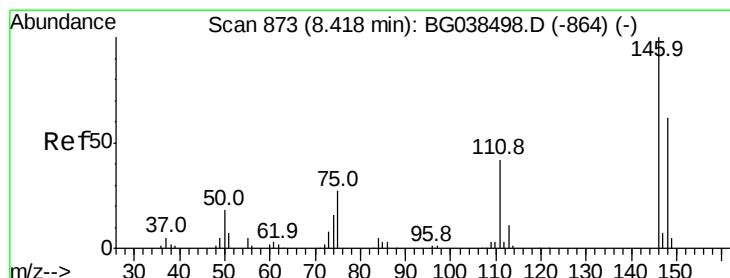
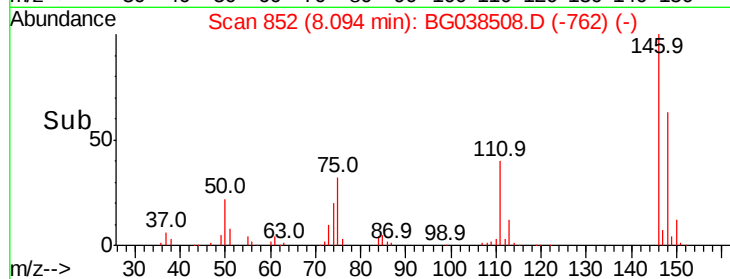
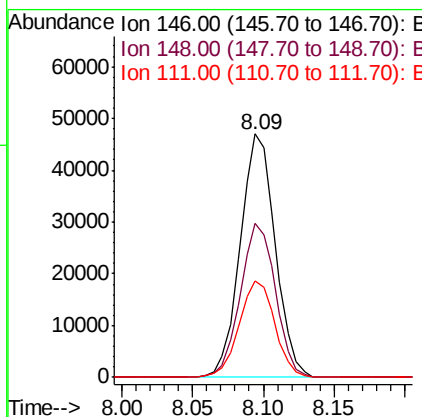
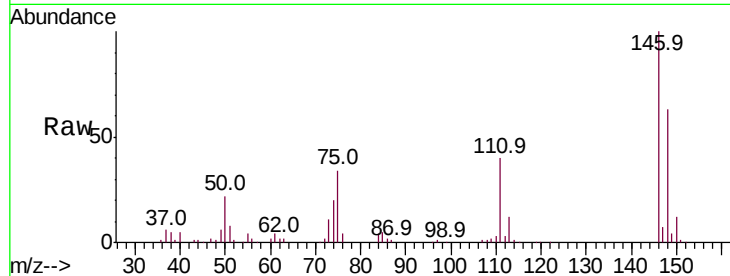
#13
 1,4-Dichlorobenzene
 Concen: 39.686 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.4	78.6
111	39.8	33.0	49.4

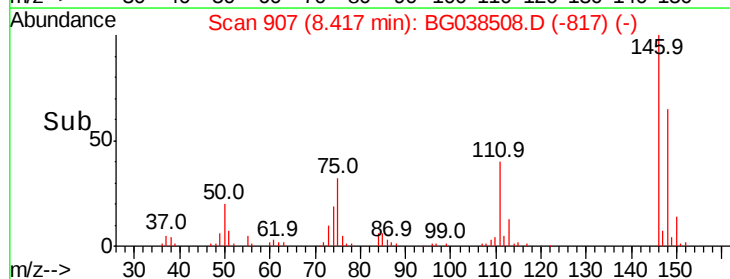
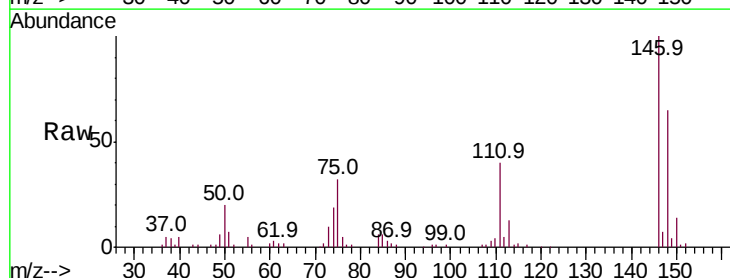
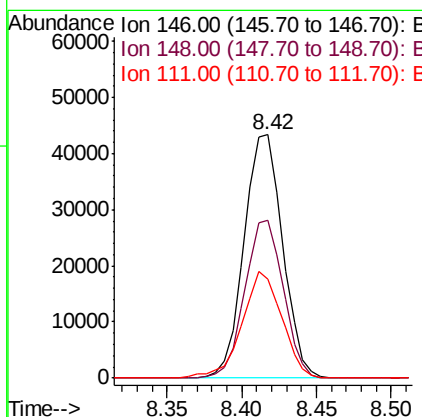
Manual Integrations
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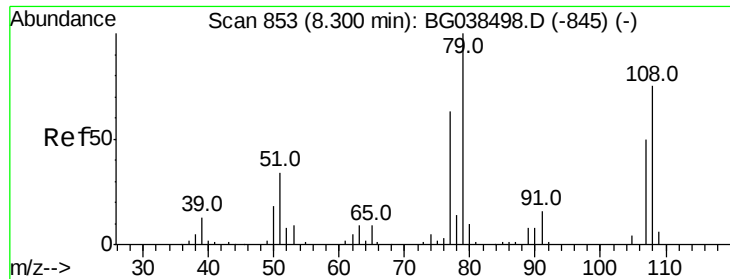
Sohil
 12/13/2018 3:07:01 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.123 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	49.4	74.0
111	40.4	33.8	50.6





#15

Benzyl Alcohol

Concen: 47.777 ng

RT: 8.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

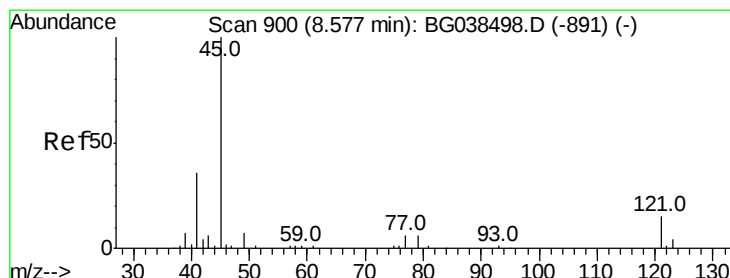
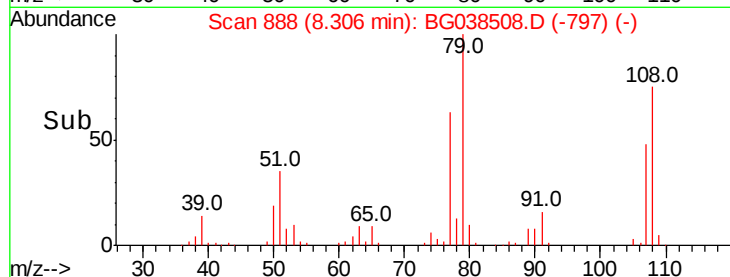
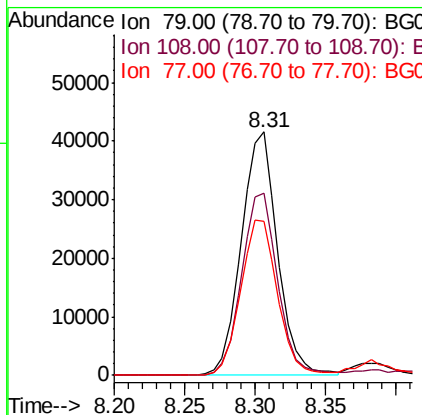
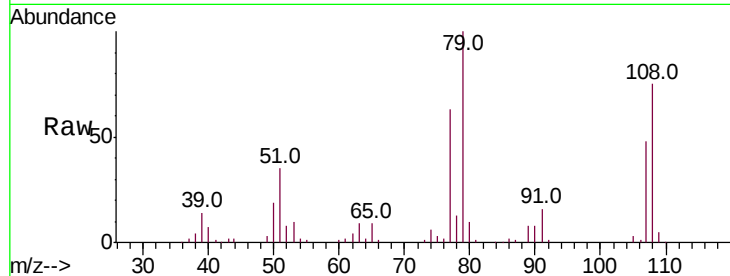
ClientSampleId :

CL-01-121018-AMSD

Tot Ion:	79	Resp:	74777
Ion Ratio	Lower	Upper	
79	100		
108	74.7	60.2	90.4
77	63.1	50.7	76.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.378 ng

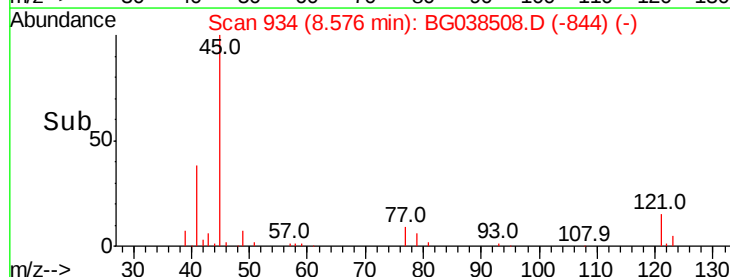
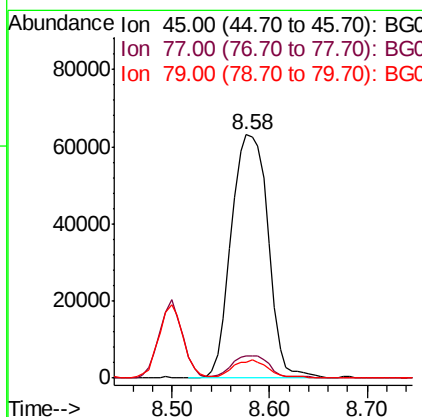
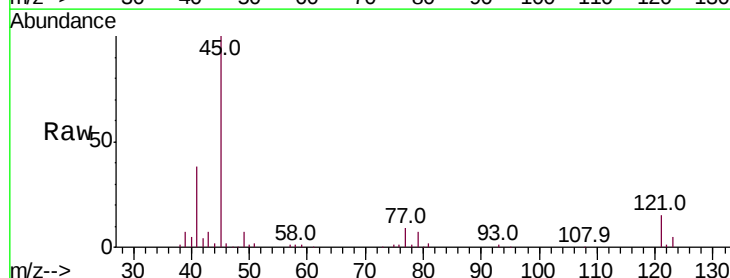
RT: 8.58 min Scan# 934

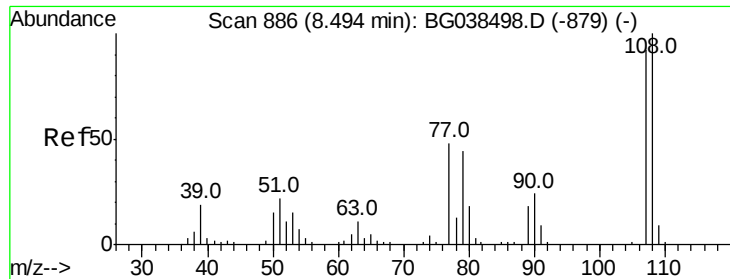
Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Tgt Ion:	45	Resp:	164650
Ion Ratio	Lower	Upper	
45	100		
77	9.3	0.0	28.2
79	6.7	0.0	27.2





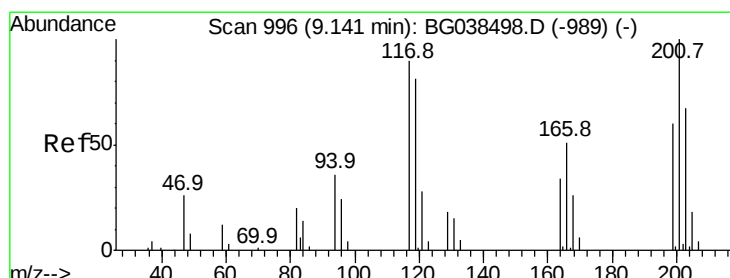
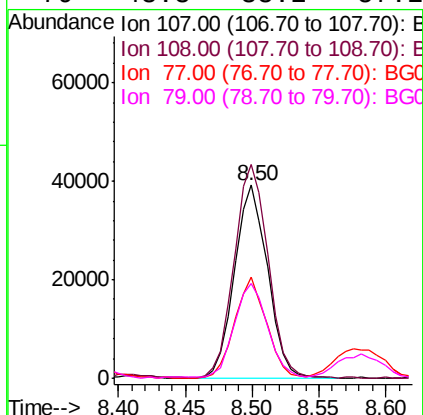
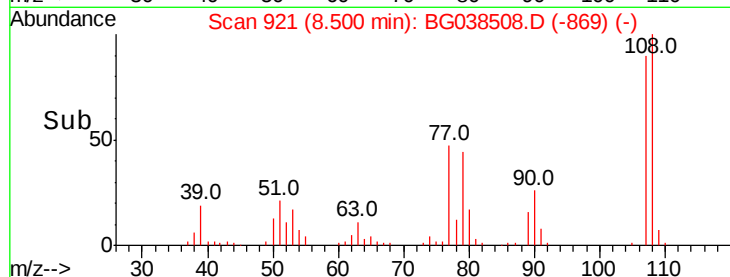
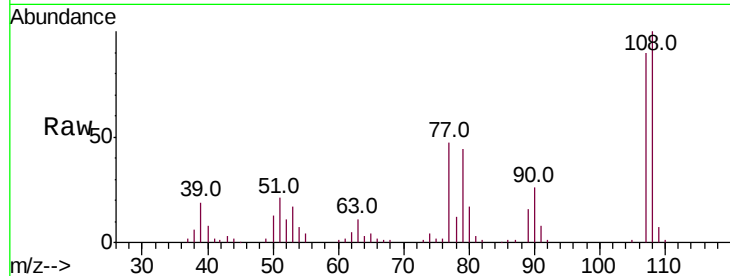
#17
2-Methylphenol
Concen: 47.459 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	87.1	130.7
77	52.1	42.0	63.0
79	48.8	38.2	57.2

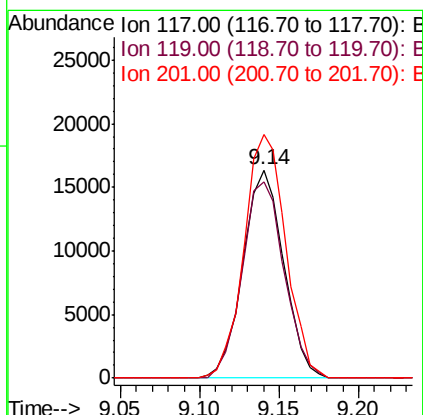
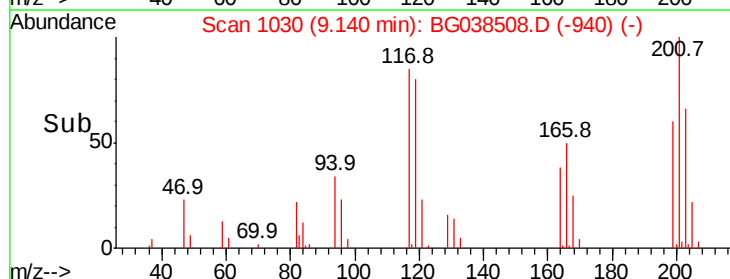
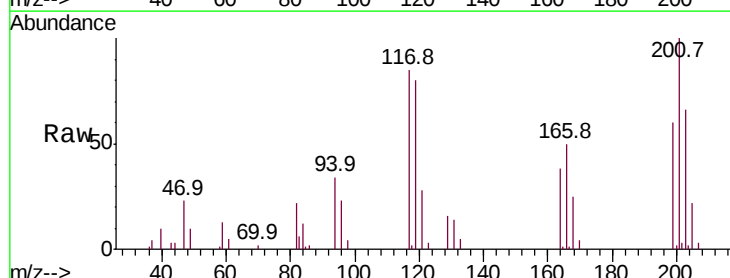
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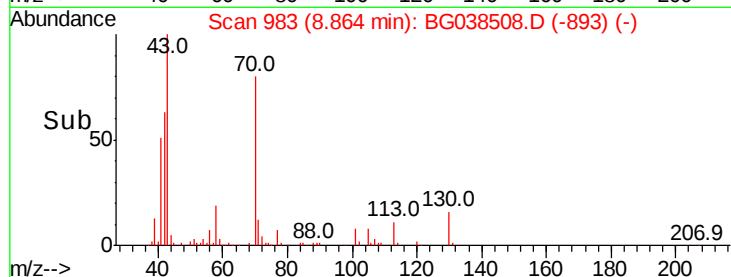
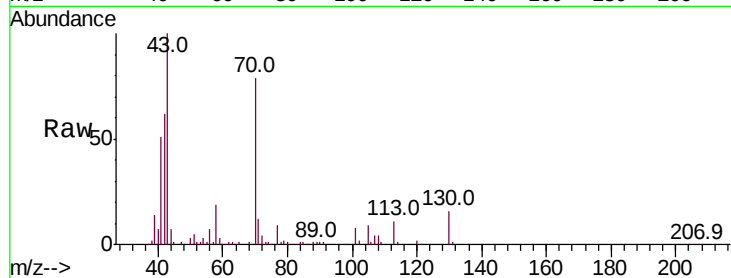
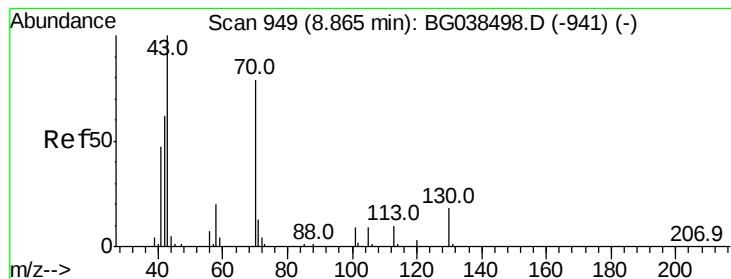
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#18
Hexachloroethane
Concen: 39.017 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	73.8	110.8
201	121.1	89.4	134.0





#19

n-Nitroso-di-n-propylamine

Concen: 44.507 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-AMSD

Tot Ion: 70 Resp: 62681

Ion Ratio Lower Upper

70 100

42 78.2 63.6 95.4

101 10.2 9.2 13.8

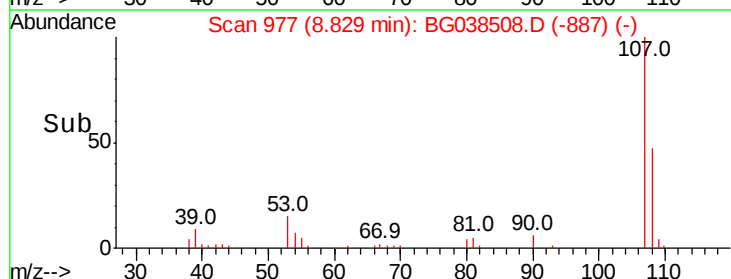
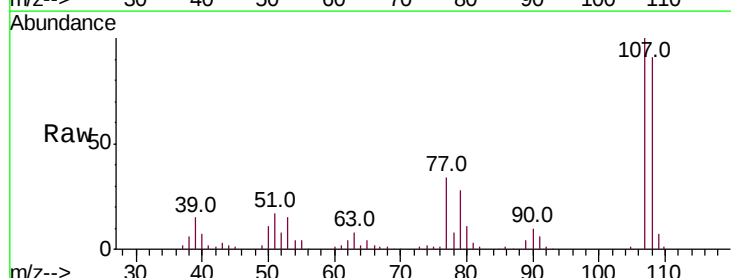
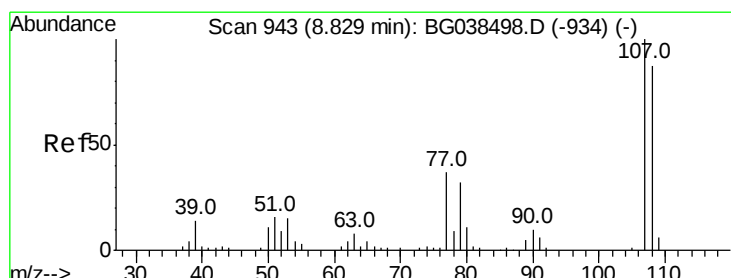
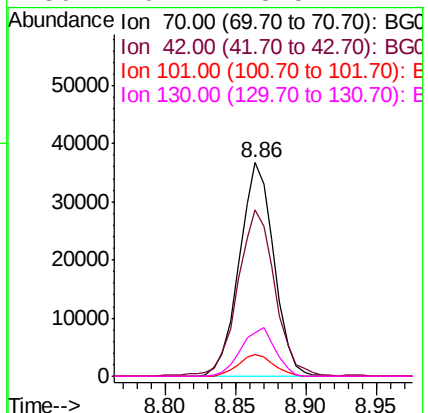
130 20.2 18.5 27.7

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#20

3+4-Methylphenols

Concen: 46.817 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Tgt Ion: 107 Resp: 92283

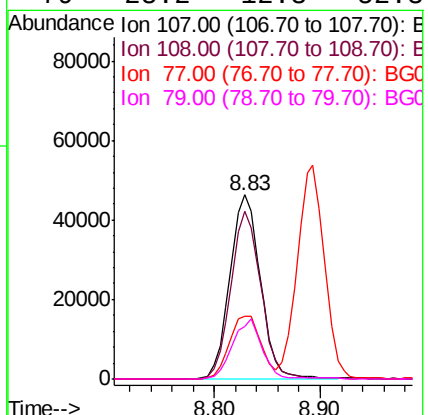
Ion Ratio Lower Upper

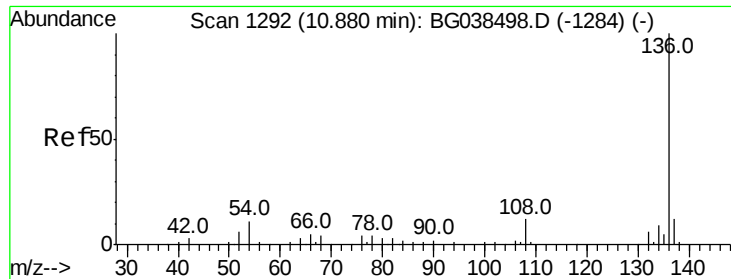
107 100

108 91.4 66.7 106.7

77 33.8 17.3 57.3

79 28.2 12.3 52.3





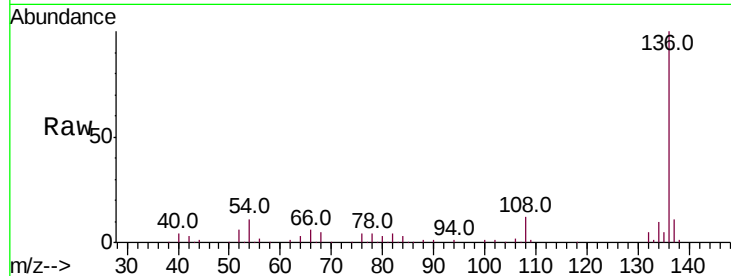
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	105132		
137	10.8	9.3	13.9	
54	10.7	8.5	12.7	
68	4.8	3.5	5.3	

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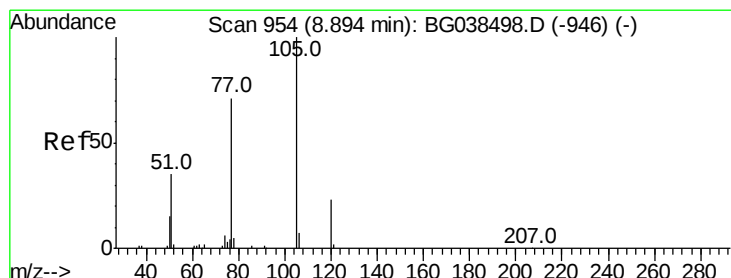
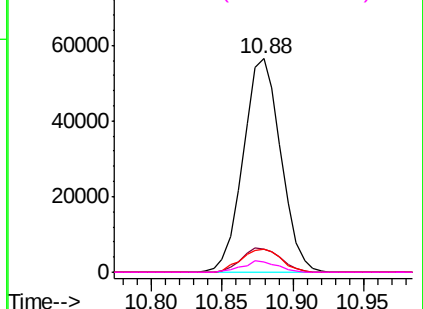
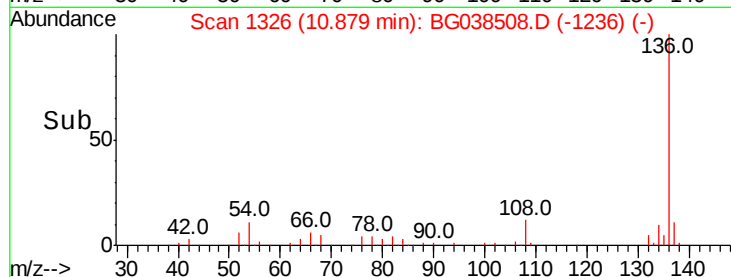
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

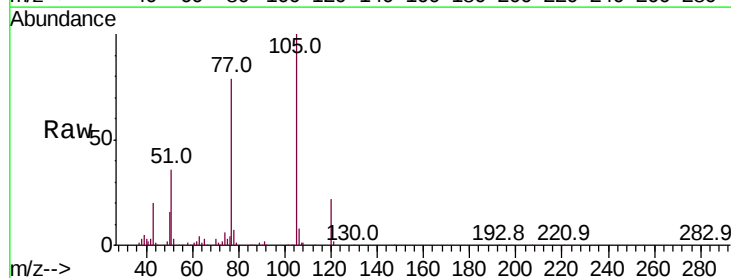
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22
Acetophenone
Concen: 46.060 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	120953		
71	0.6	0.4	0.6	
51	35.9	30.6	46.0	
120	21.7	18.6	28.0	



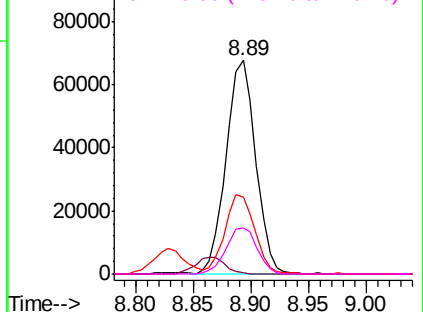
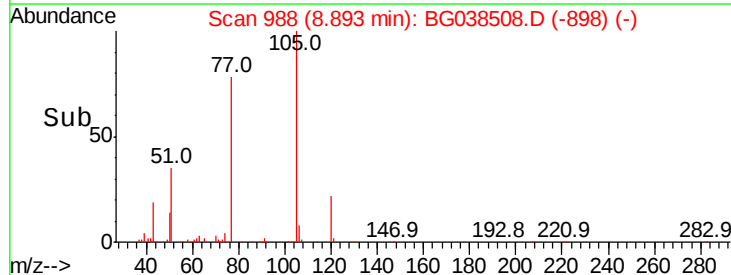
Abundance

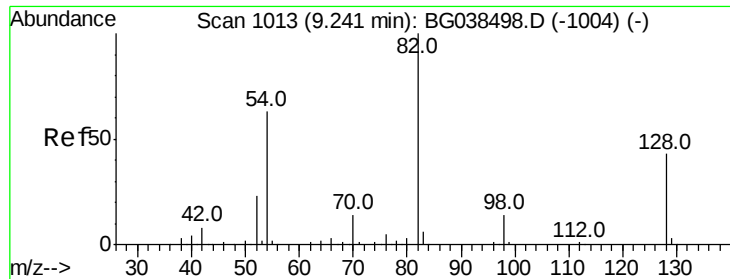
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E





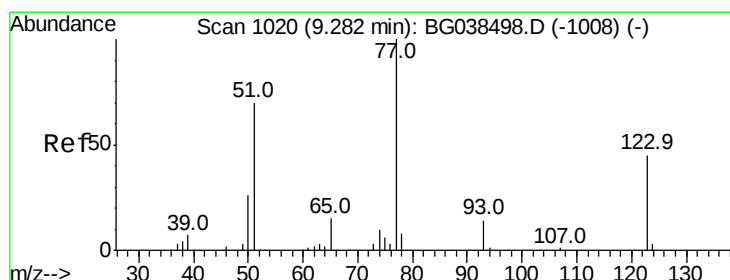
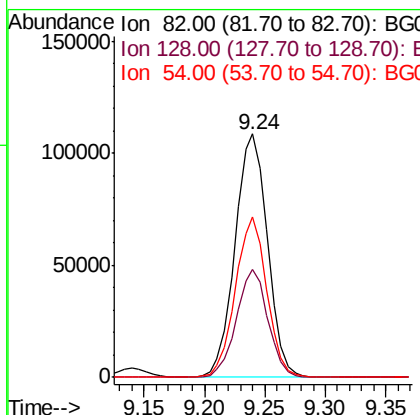
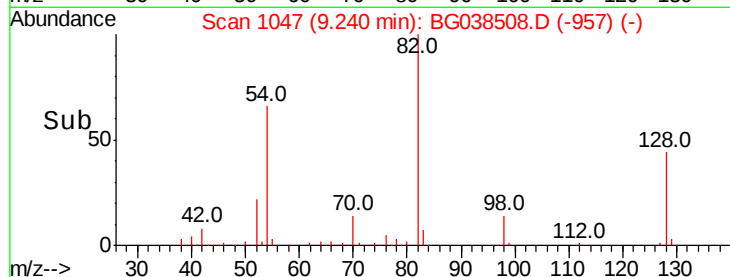
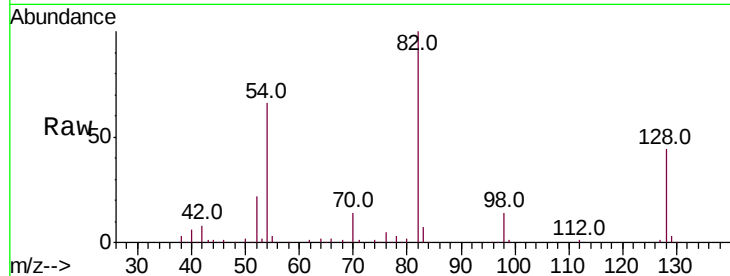
#23
 Nitrobenzene-d5
 Concen: 98.714 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	52.0
54	66.0	50.6	76.0

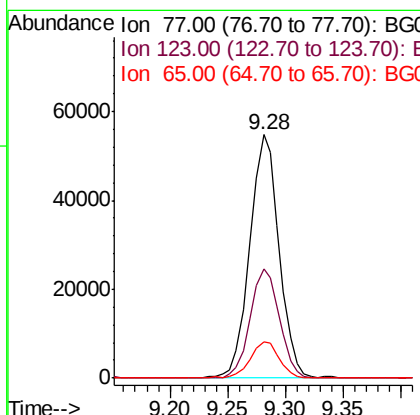
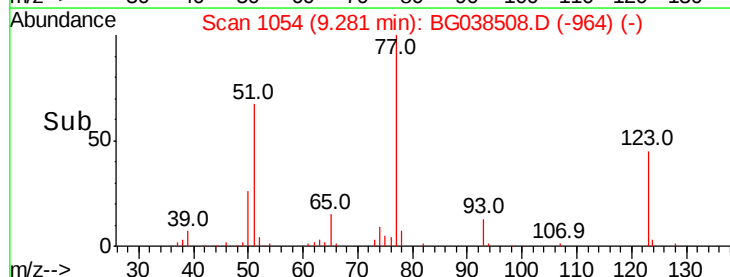
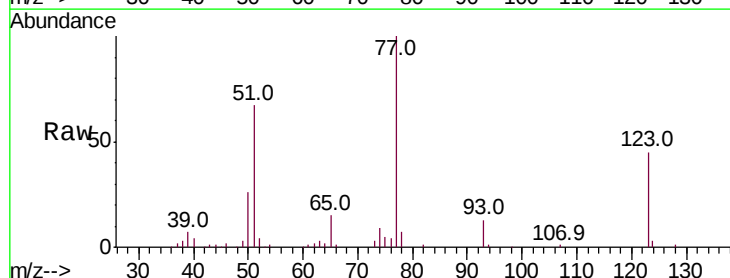
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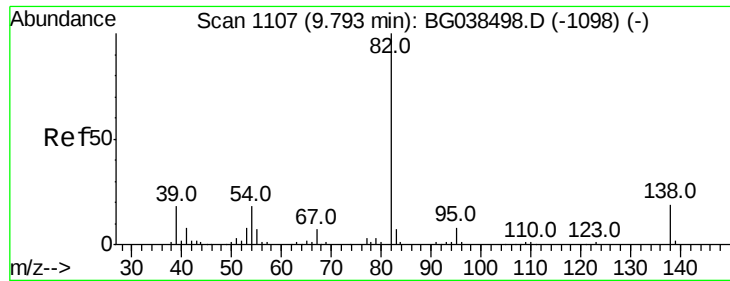
Sohil
 12/13/2018 3:07:01 PM



#24
 Nitrobenzene
 Concen: 46.644 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.7	35.9	53.9
65	14.9	12.0	18.0





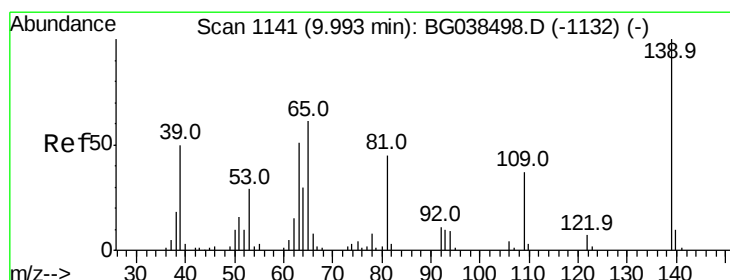
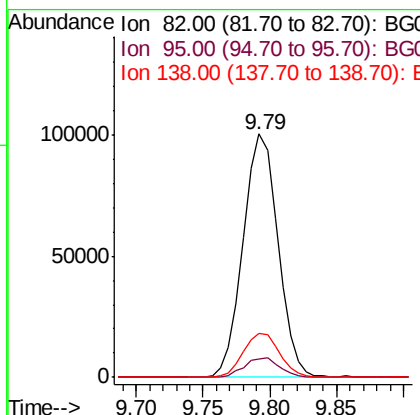
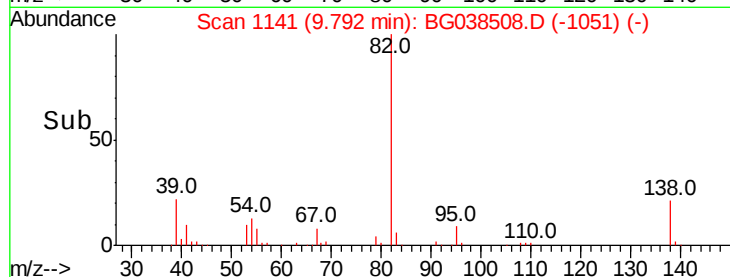
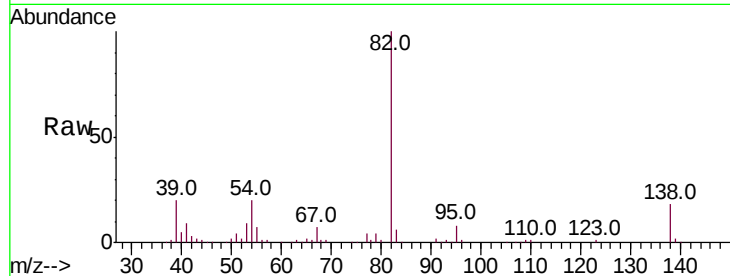
#25
Isophorone
Concen: 49.242 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.8	6.1	9.1	
138	17.8	14.9	22.3	

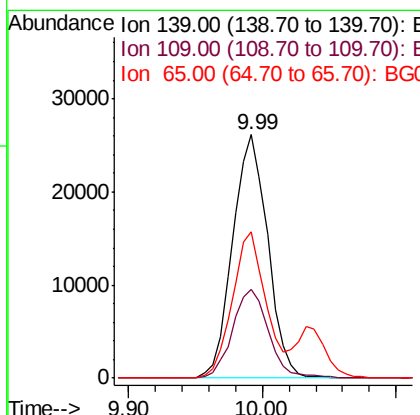
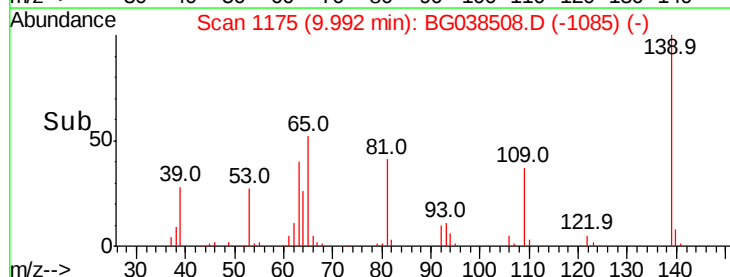
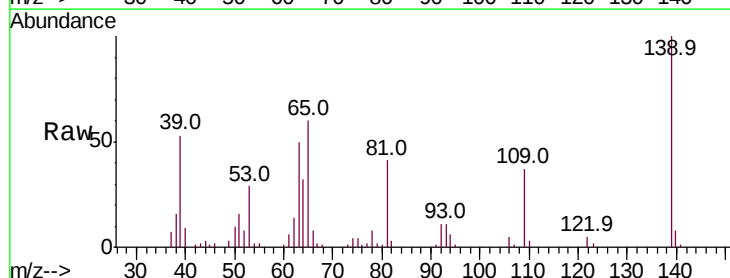
Manual Integrations
APPROVED

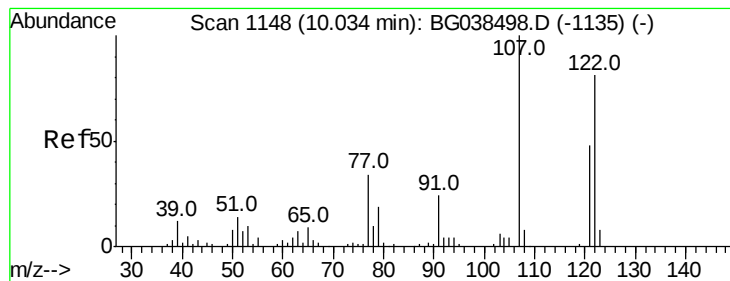
Sohil
12/13/2018 3:07:01 PM



#26
2-Nitrophenol
Concen: 44.628 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	36.6	29.5	44.3	
65	59.9	48.5	72.7	





#27

2,4-Dimethylphenol

Concen: 53.328 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-AMSD

Tot Ion:122 Resp: 81435

Ion Ratio Lower Upper

122 100

107 119.5 98.4 147.6

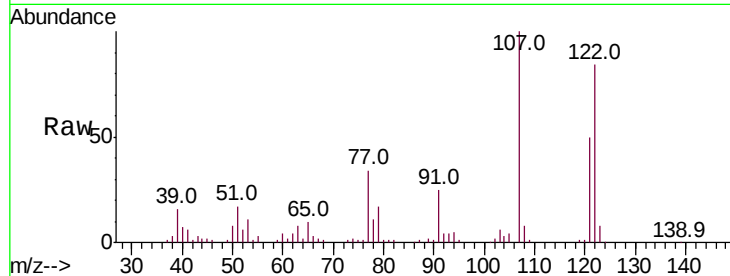
121 60.1 47.2 70.8

Manual Integrations

APPROVED

Sohil

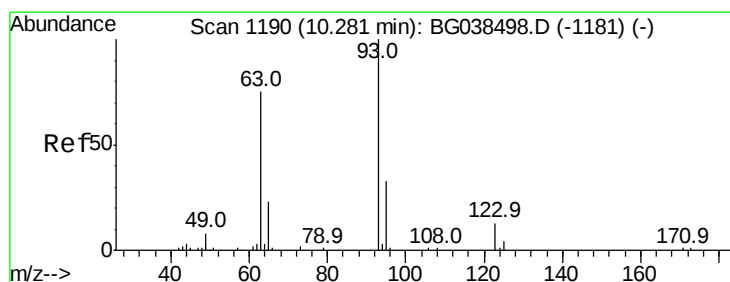
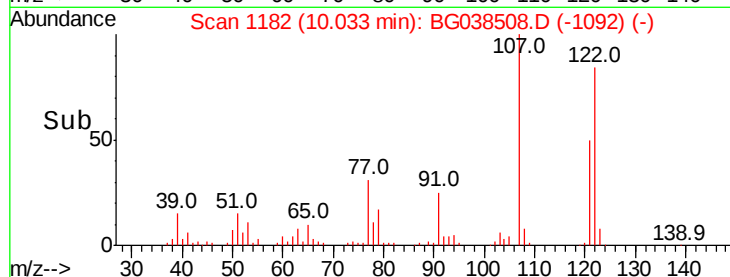
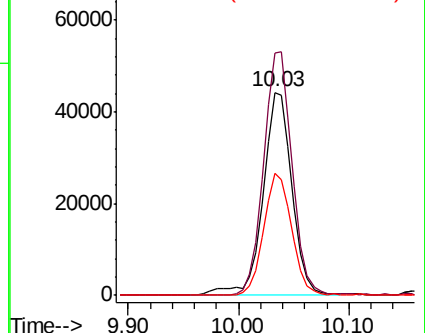
12/13/2018 3:07:01 PM



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: 49.009 ng

RT: 10.28 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

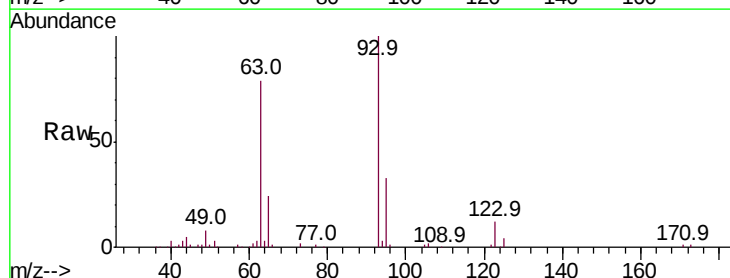
Tgt Ion: 93 Resp: 102262

Ion Ratio Lower Upper

93 100

95 33.0 26.6 40.0

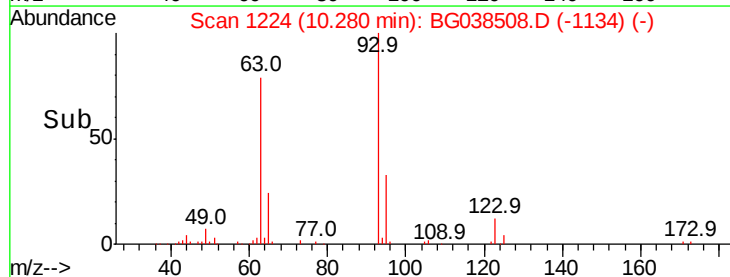
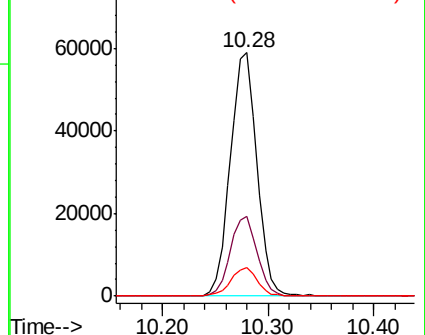
123 11.5 10.6 16.0

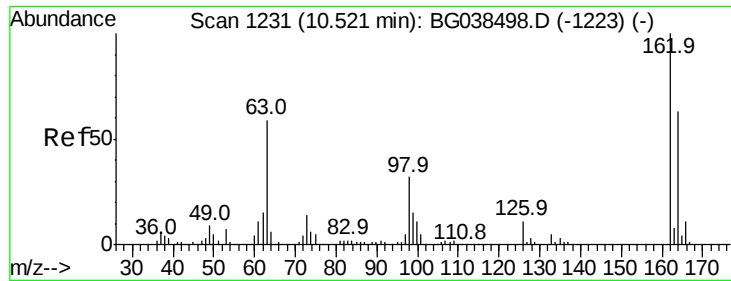


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





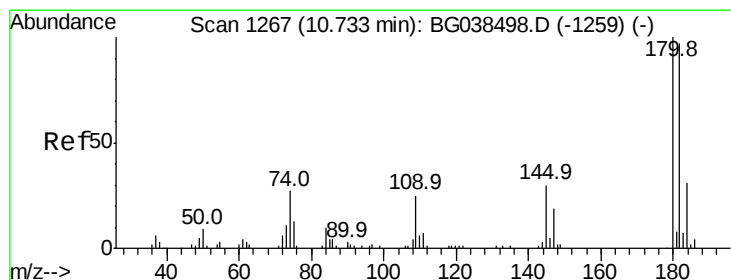
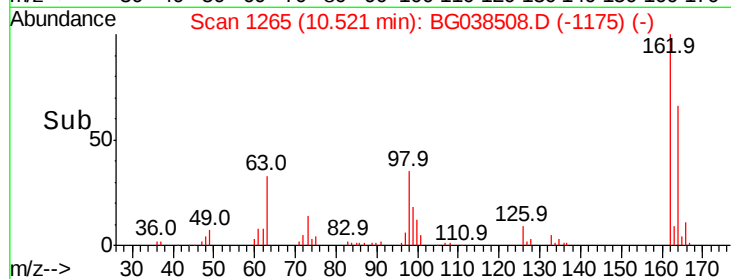
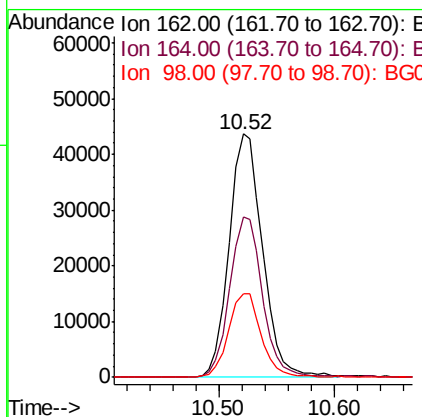
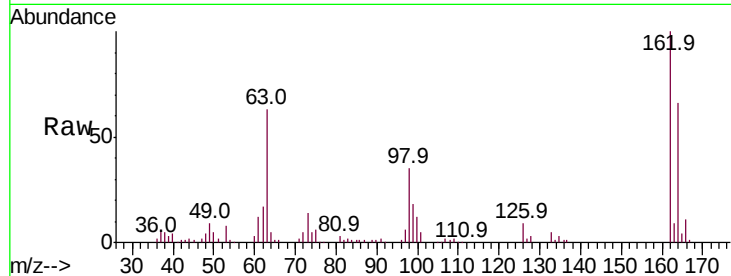
#29
 2,4-Dichlorophenol
 Concen: 51.522 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	87527		
164	65.9	42.9	82.9	
98	34.5	12.1	52.1	

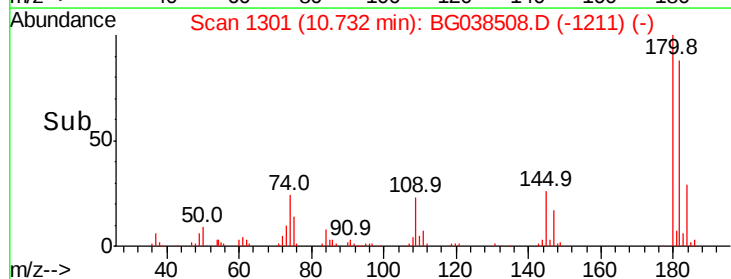
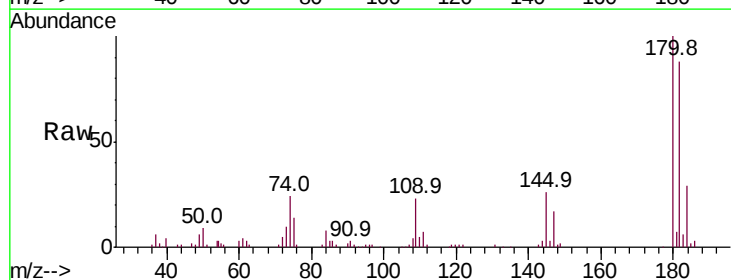
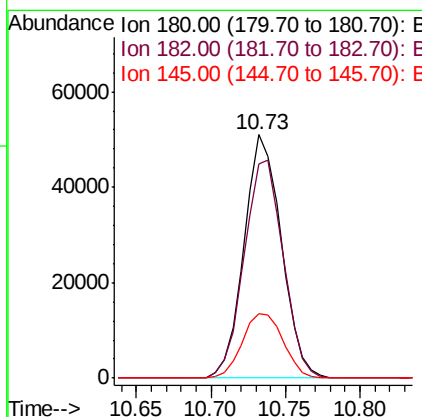
Manual Integrations
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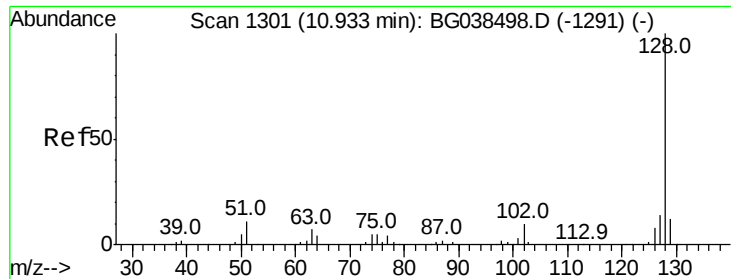
Sohil
 12/13/2018 3:07:01 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.027 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	88293		
182	87.8	77.4	116.0	
145	26.5	24.1	36.1	





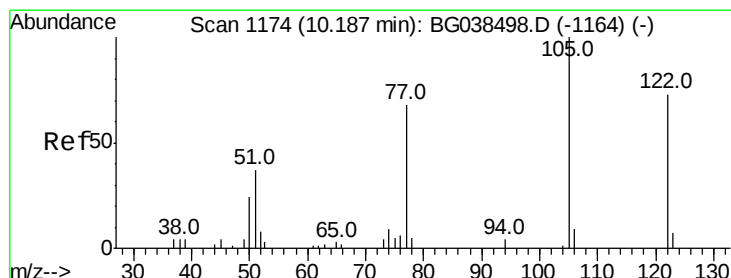
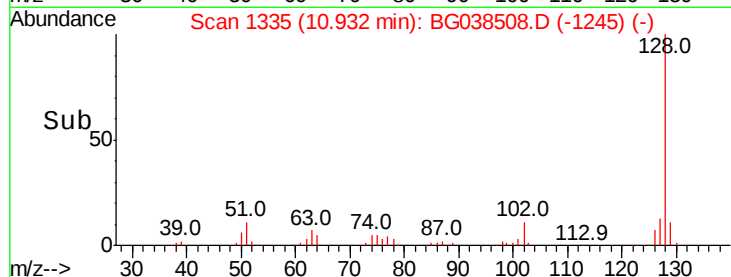
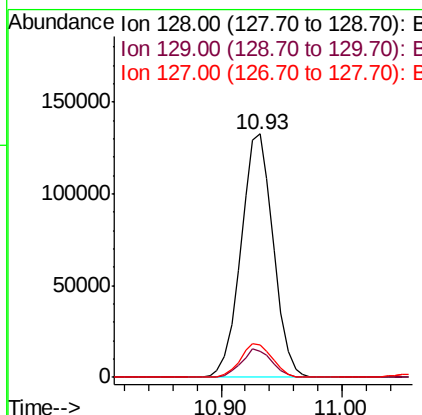
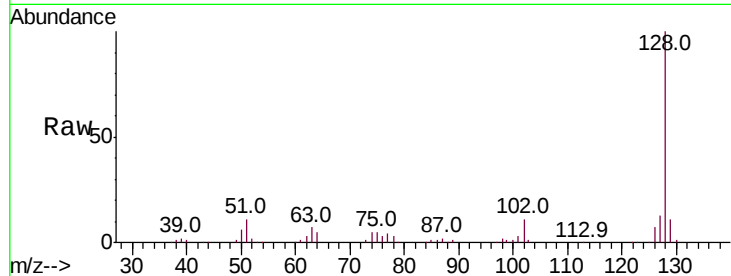
#31
Naphthalene
Concen: 47.472 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.5	14.3
127	13.4	10.9	16.3

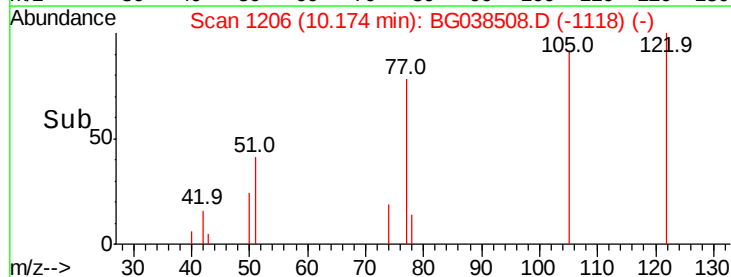
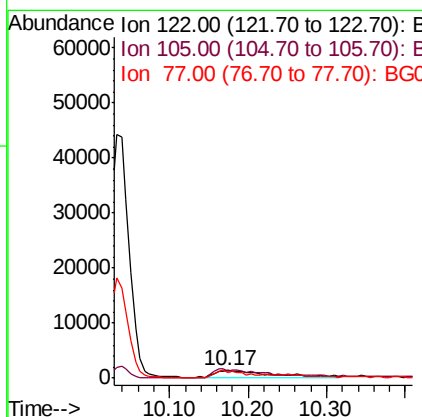
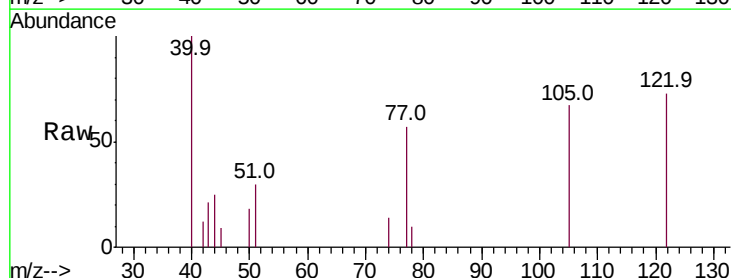
Manual Integrations
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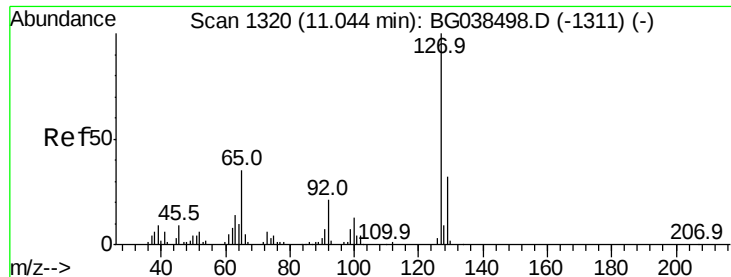
Sohil
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#32
Benzoic acid
Concen: 16.361 ng m
RT: 10.17 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	91.5	116.7	156.7#
77	77.8	72.5	112.5





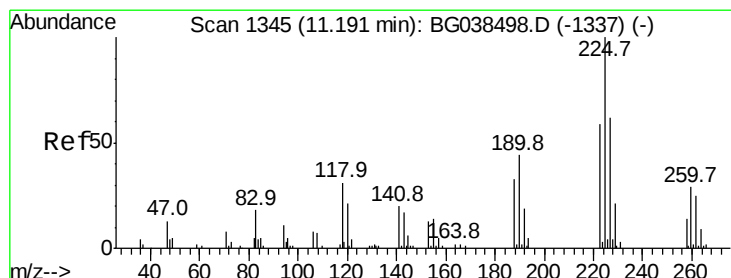
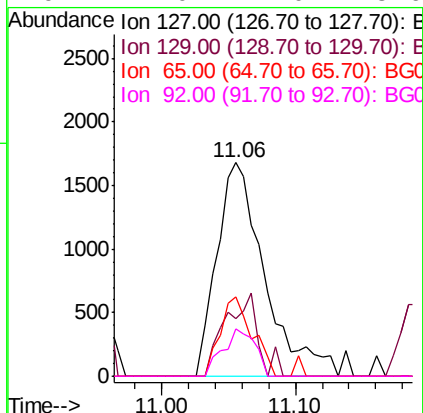
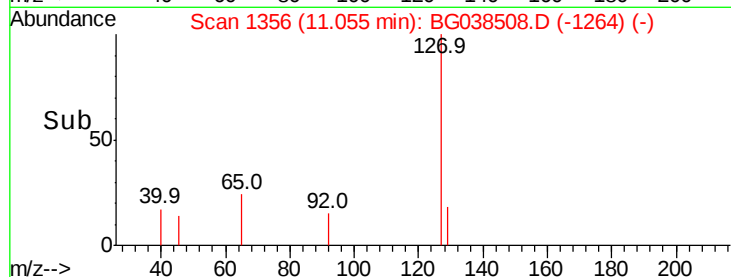
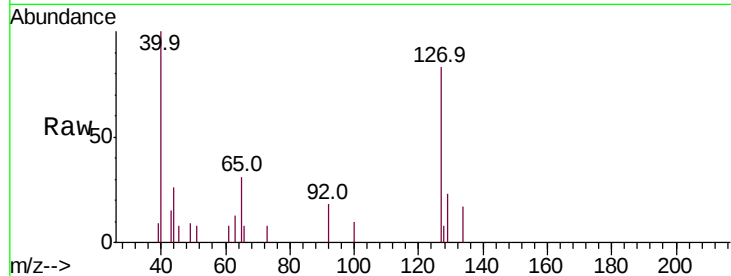
#33
4-Chloroaniline
Concen: 1.862 ng
RT: 11.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	27.2	25.8	38.8
65	37.1	27.8	41.6
92	22.0	17.0	25.6

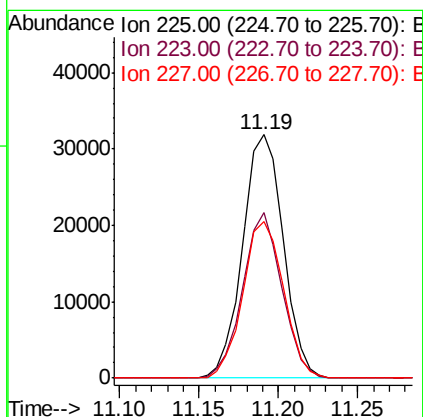
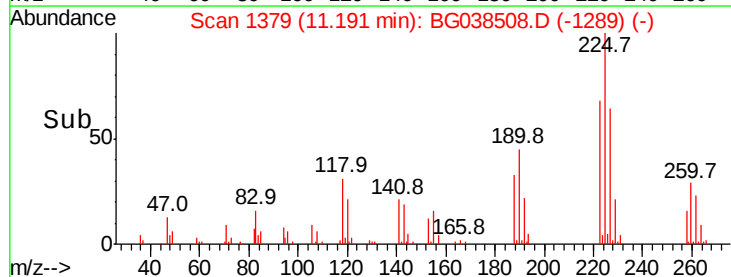
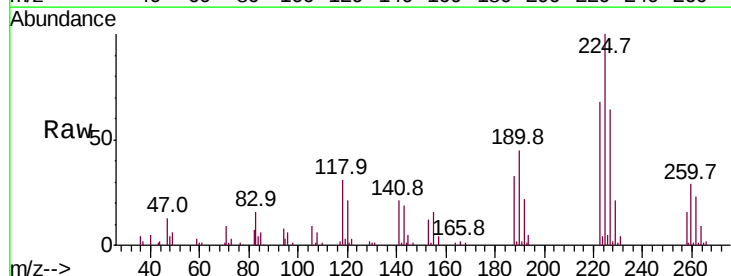
Manual Integrations
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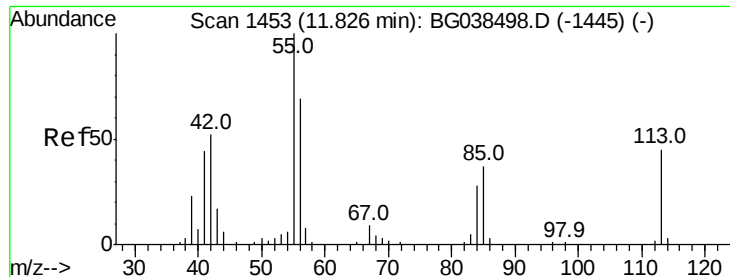
Sohil
12/13/2018 3:07:01 PM



#34
Hexachlorobutadiene
Concen: 40.958 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.1	45.0	67.6#
227	60.8	50.6	75.8





#35

Caprolactam

Concen: 30.966 ng/mL

RT: 11.83 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-AMSD

Tot Ion:113 Resp: 21771

Ion Ratio Lower Upper

113 100

55 203.6 204.3 244.3#

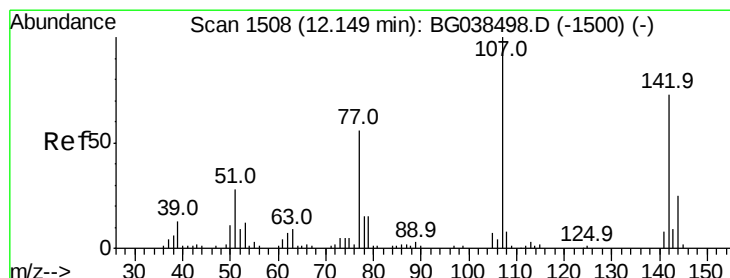
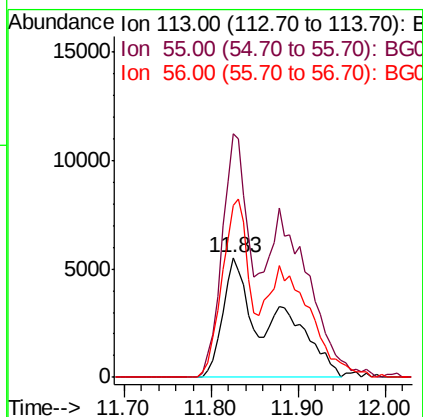
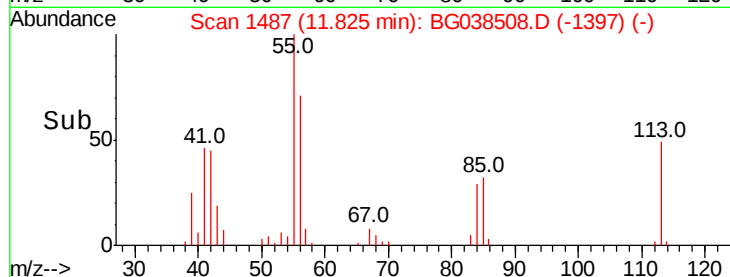
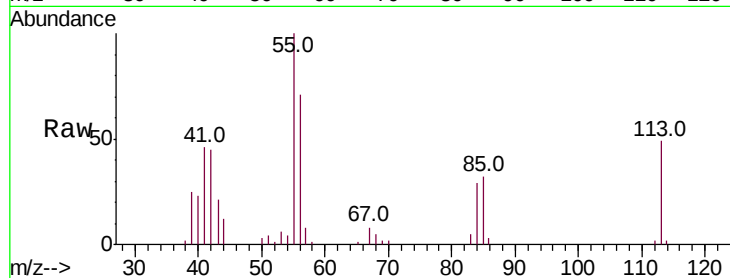
56 143.6 135.0 175.0

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 49.568 ng/mL

RT: 12.15 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

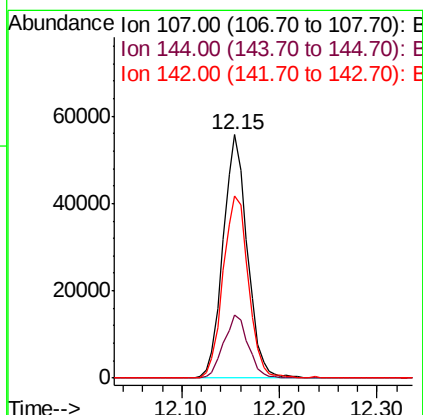
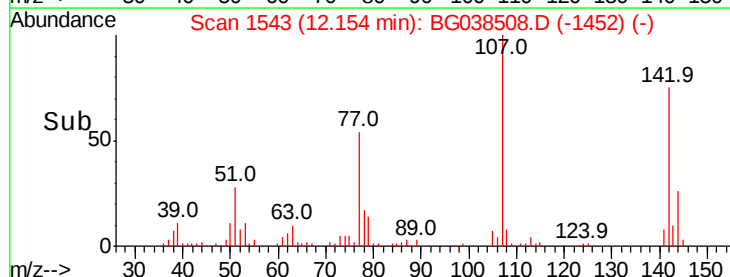
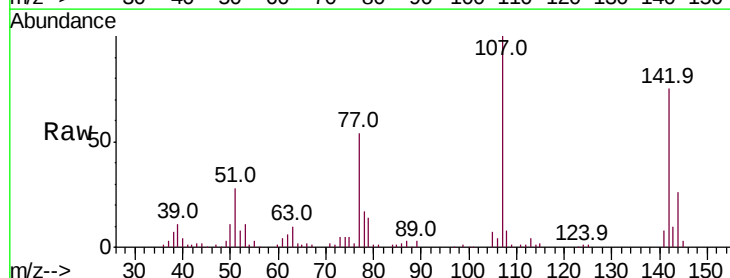
Tgt Ion:107 Resp: 96095

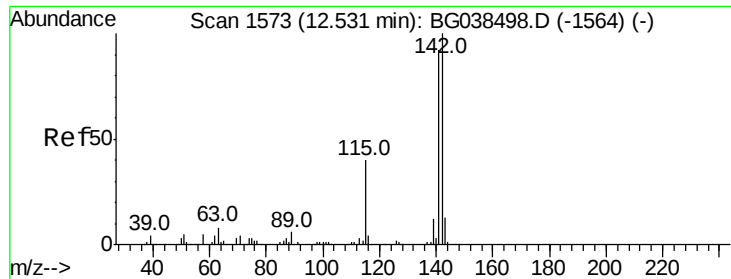
Ion Ratio Lower Upper

107 100

144 25.7 20.1 30.1

142 74.9 58.7 88.1





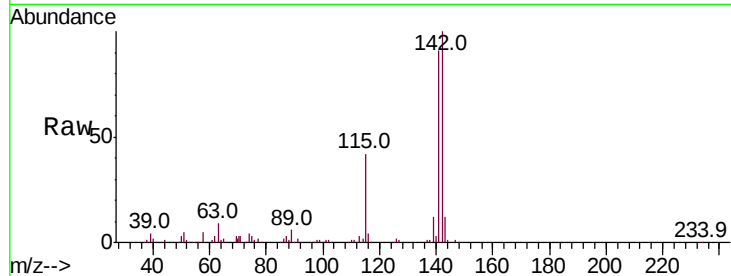
#37
2-Methylnaphthalene
Concen: 50.193 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.5	110.3
115	41.8	31.7	47.5

Manual Integrations
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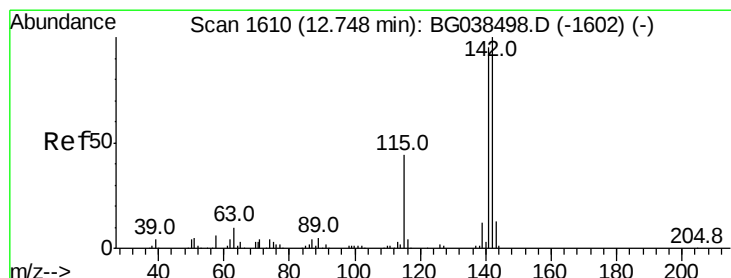
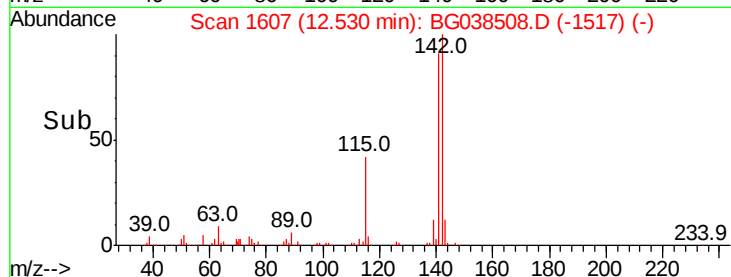
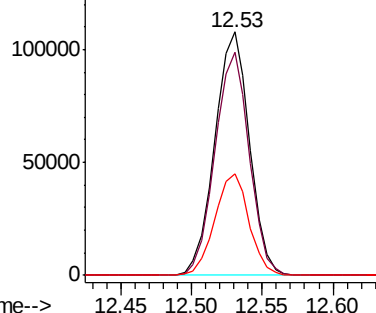


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 49.933 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

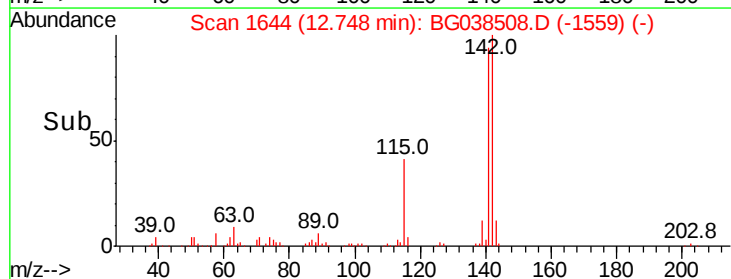
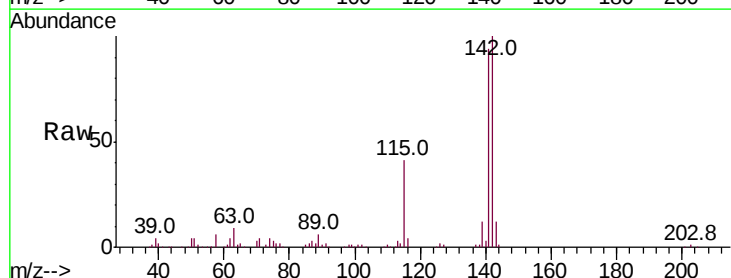
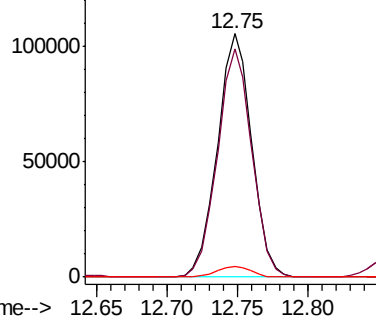
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	75.8	113.8
116	4.5	3.6	5.4

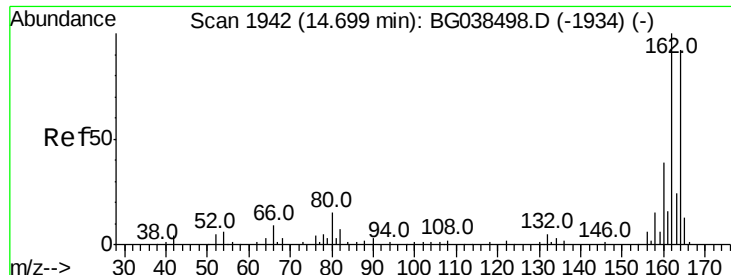
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





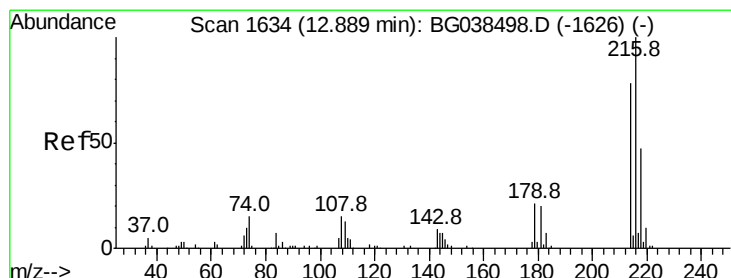
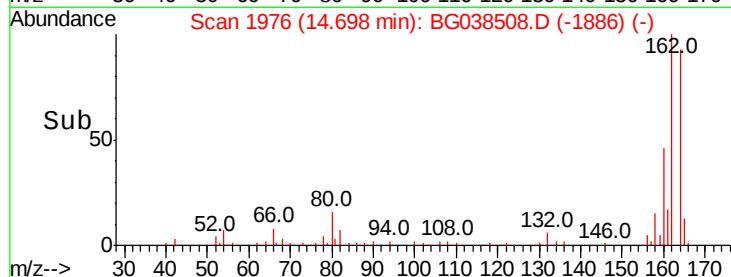
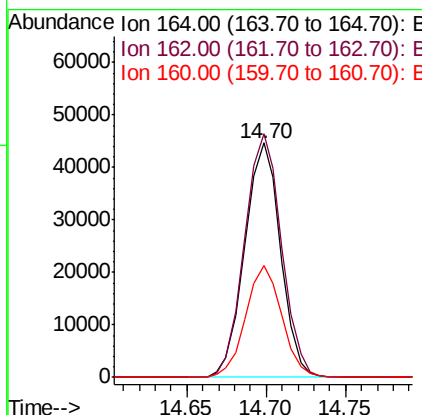
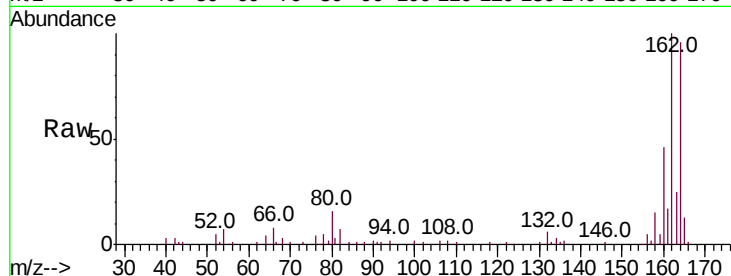
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.6	130.0
160	47.6	34.2	51.2

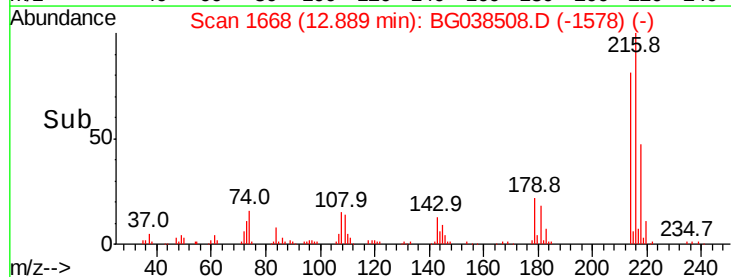
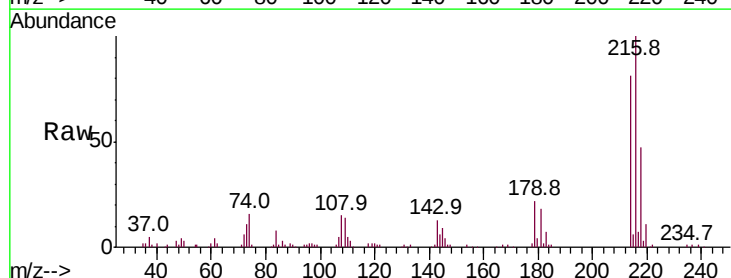
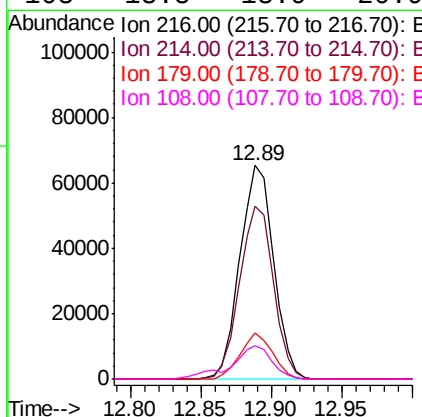
Manual Integrations
APPROVED

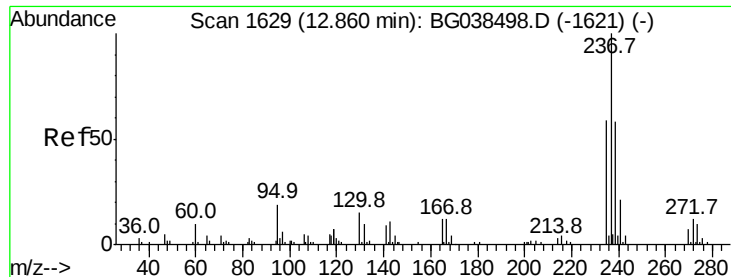
Sohil
12/13/2018 3:07:01 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.788 ng
RT: 12.89 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.1	64.1	96.1
179	20.6	16.4	24.6
108	18.5	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 89.083 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

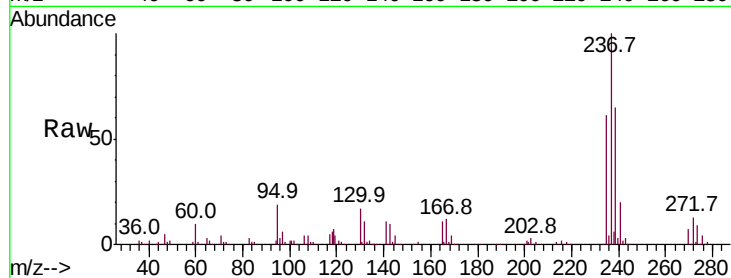
ClientSampleId :

CL-01-121018-AMSD

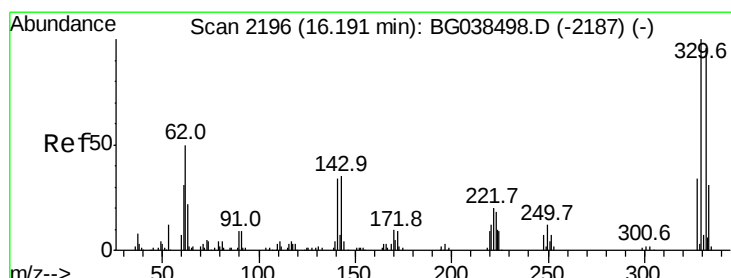
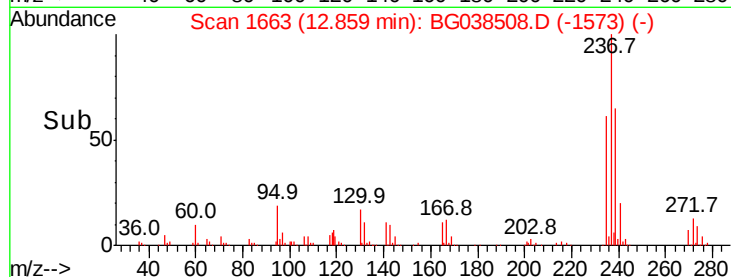
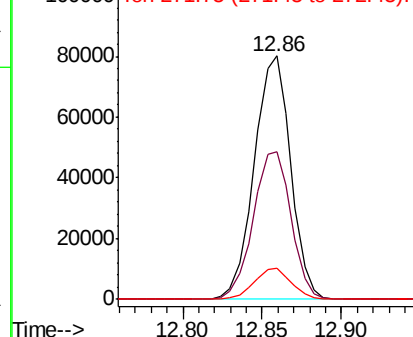
Tot Ion:	237	Resp:	128160
Ion Ratio	Lower	Upper	
237	100		
235	60.7	38.8	78.8
272	12.8	0.0	32.0

Manual Integrations
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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: 166.221 ng

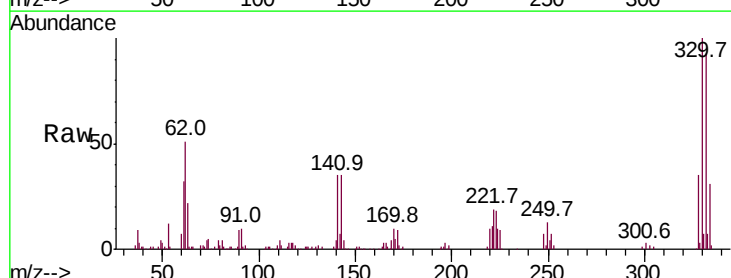
RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

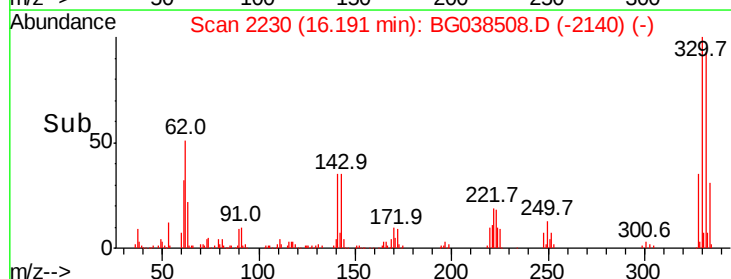
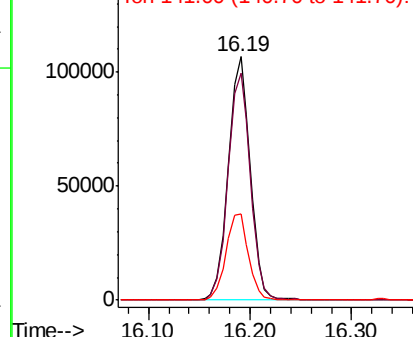
Lab File: BG038508.D

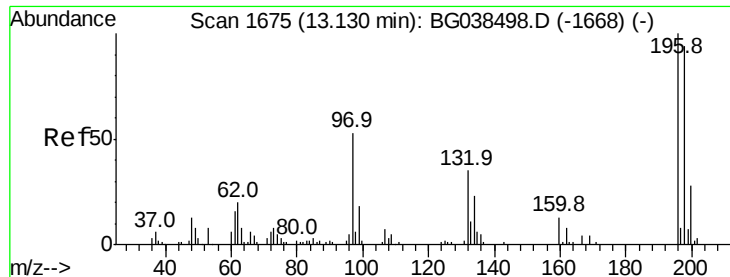
Acq: 12 Dec 2018 21:24

Tgt Ion:	330	Resp:	160484
Ion Ratio	Lower	Upper	
330	100		
332	94.8	76.9	115.3
141	36.2	28.8	43.2



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





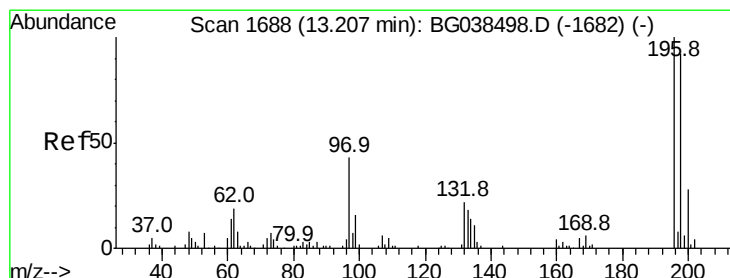
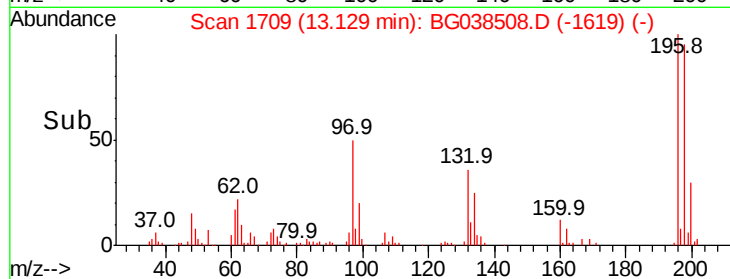
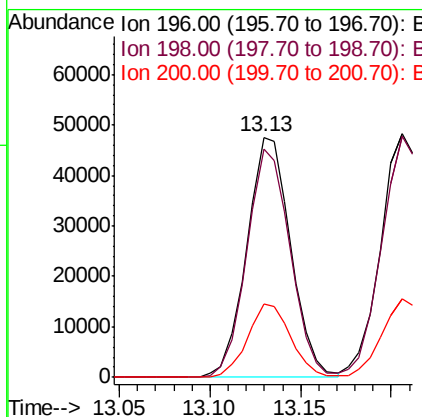
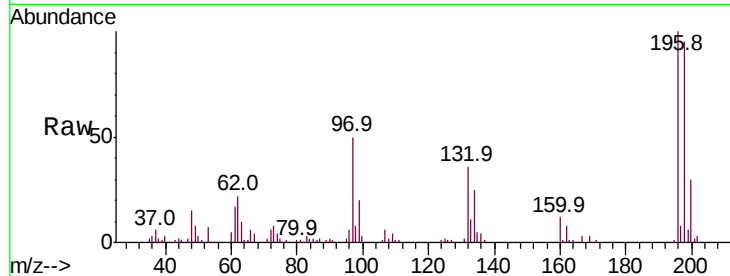
#43
 2,4,6-Trichlorophenol
 Concen: 49.717 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	80049		
198	95.1		75.0	112.4
200	30.3		22.4	33.6

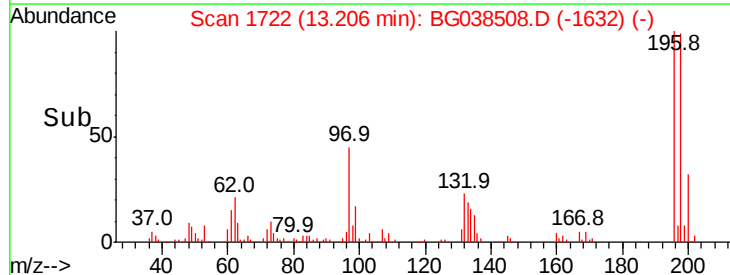
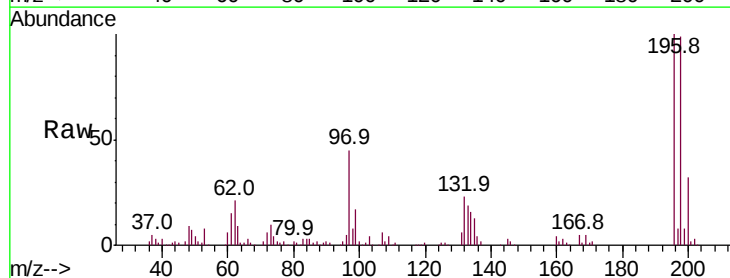
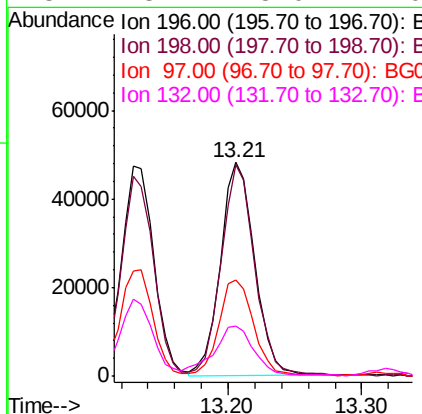
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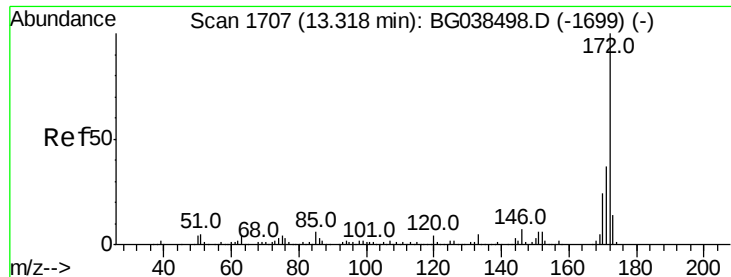
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#44
 2,4,5-Trichlorophenol
 Concen: 50.594 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	86249		
198	99.0		74.0	111.0
97	44.7		35.1	52.7
132	23.4		18.0	27.0





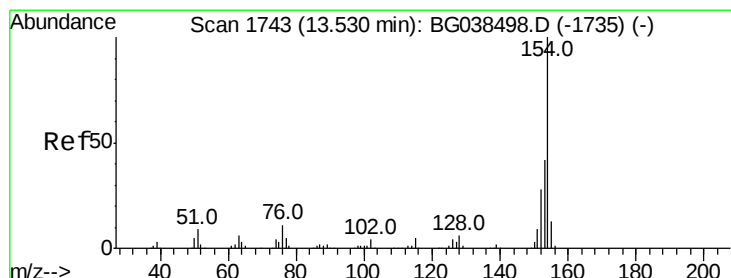
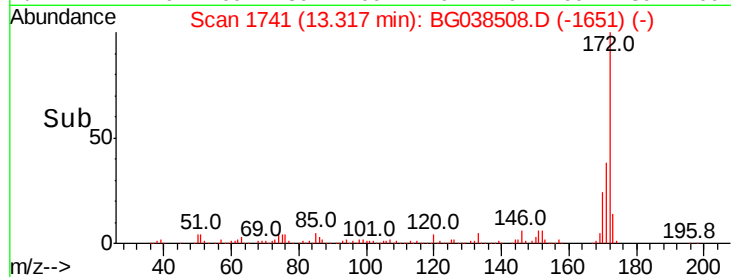
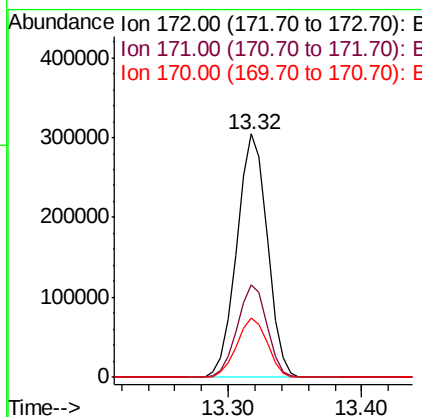
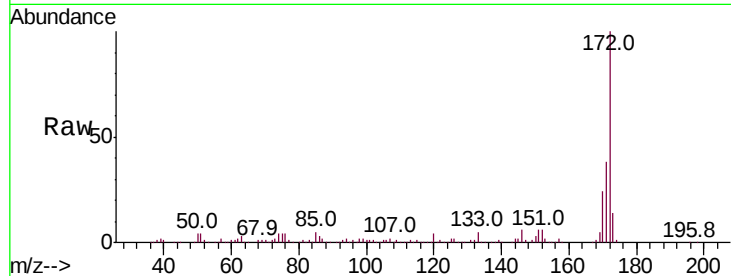
#45
2-Fluorobiphenyl
Concen: 94.188 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.8	44.6
170	24.5	19.5	29.3

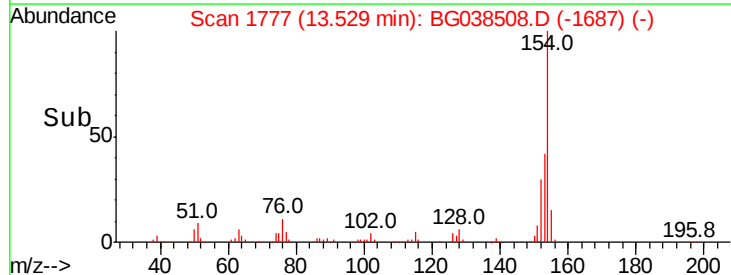
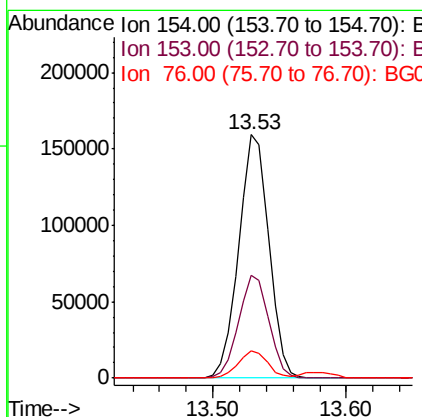
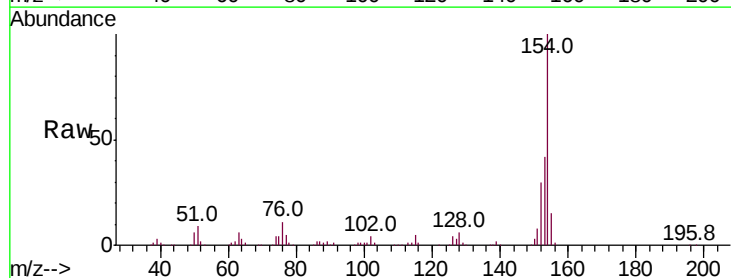
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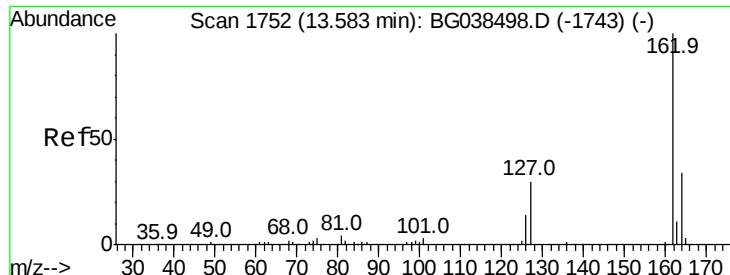
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#46
1,1'-Biphenyl
Concen: 42.262 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.1	62.1
76	11.3	0.0	31.2





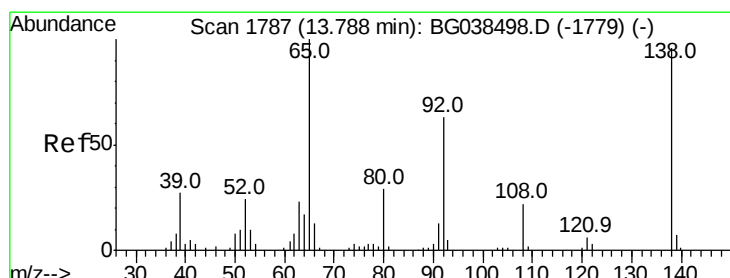
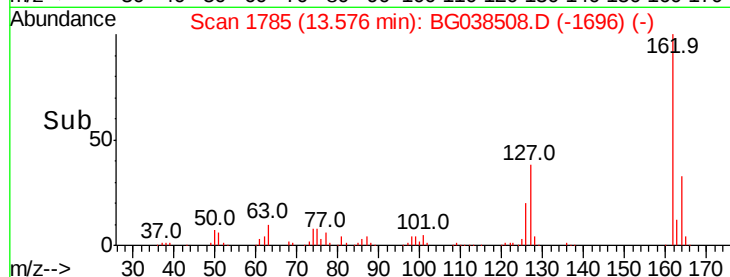
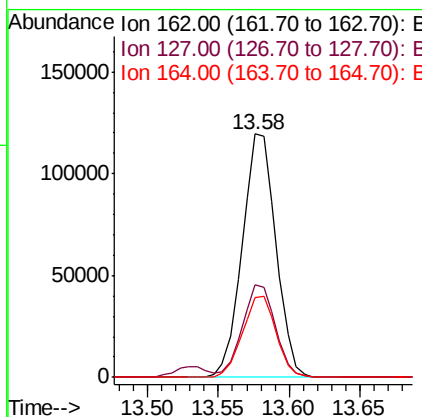
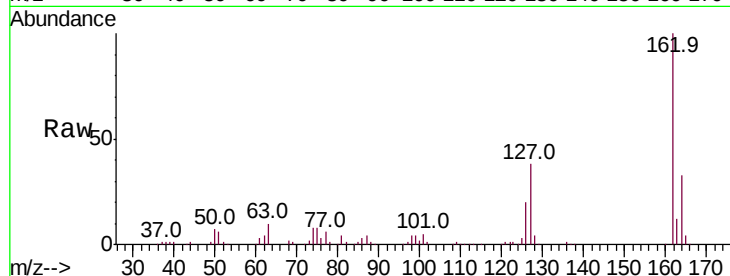
#47
 2-Chloronaphthalene
 Concen: 44.041 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	199789		
127	38.1		27.8	41.8
164	32.7		26.9	40.3

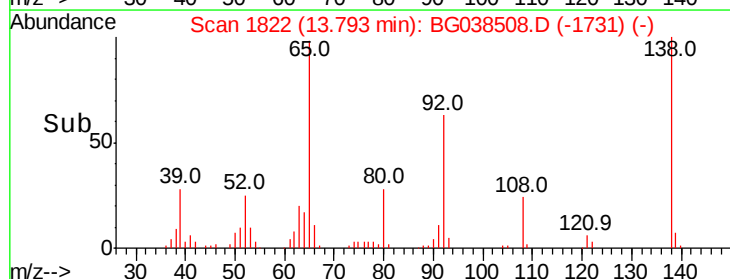
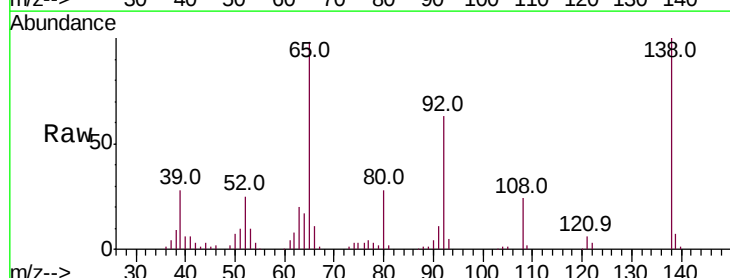
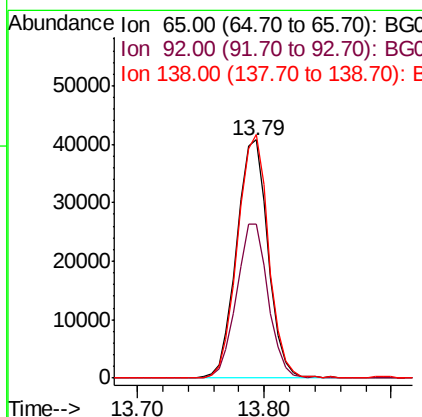
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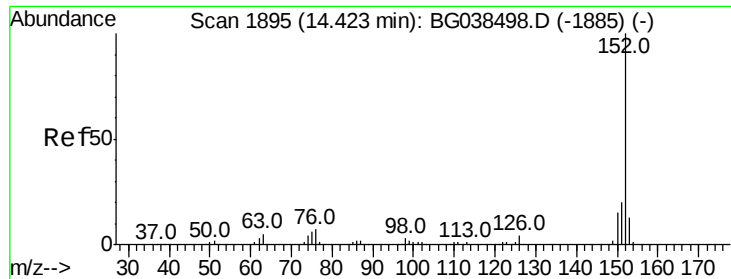
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#48
 2-Nitroaniline
 Concen: 48.417 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	69962		
92	64.7		50.0	75.0
138	102.2		76.9	115.3





#49

Acenaphthylene

Concen: 48.888 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

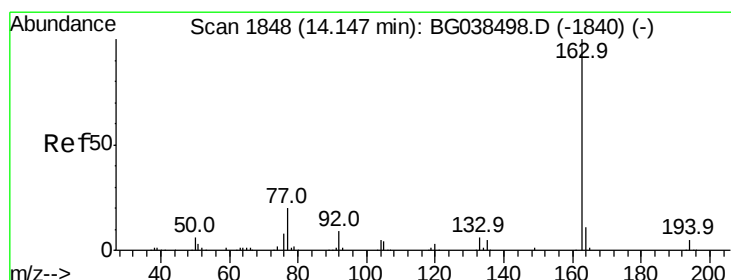
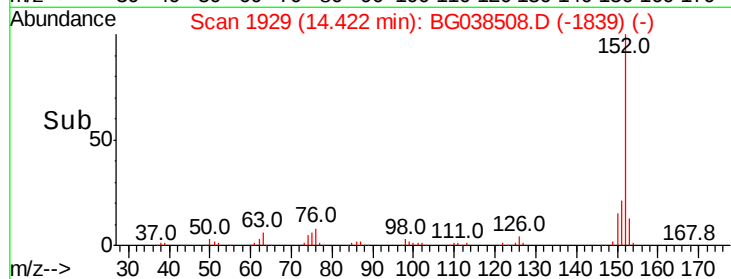
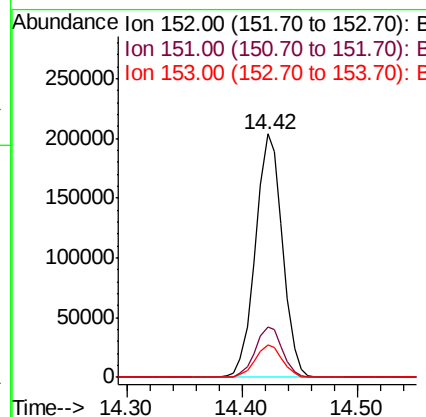
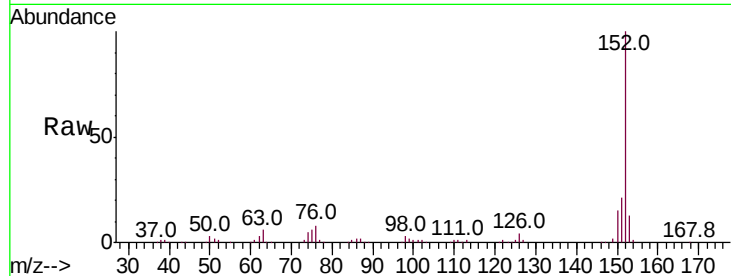
ClientSampleId :

CL-01-121018-AMSD

Tot Ion:	152	Resp:	331550
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.4	24.6
153	13.2	10.4	15.6

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#50

Dimethylphthalate

Concen: 49.861 ng

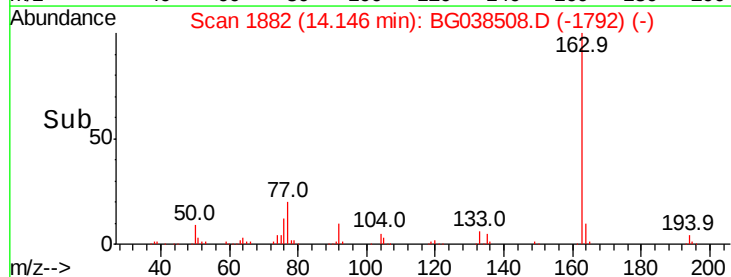
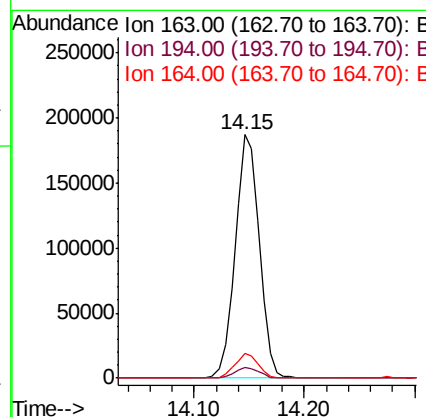
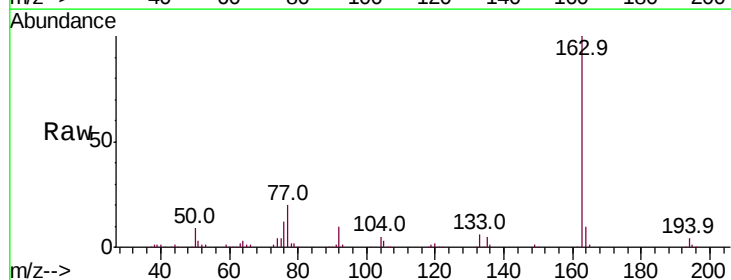
RT: 14.15 min Scan# 1882

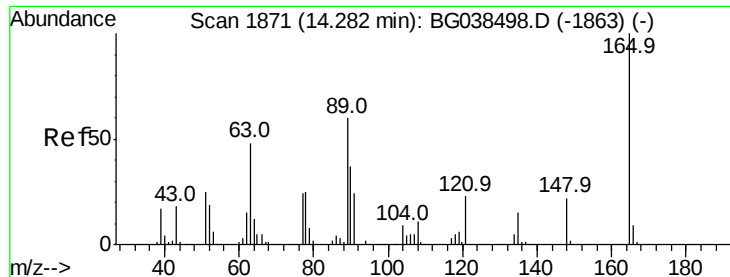
Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Tgt Ion:	163	Resp:	285251
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.7	5.5
164	10.2	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 50.046 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

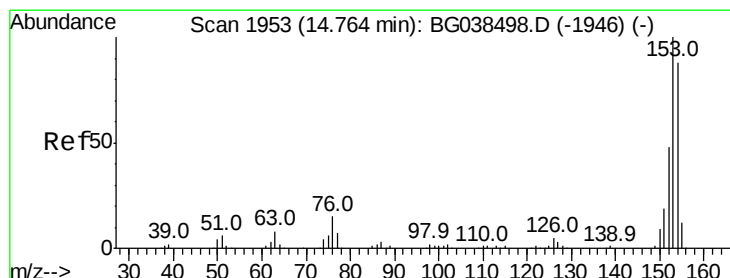
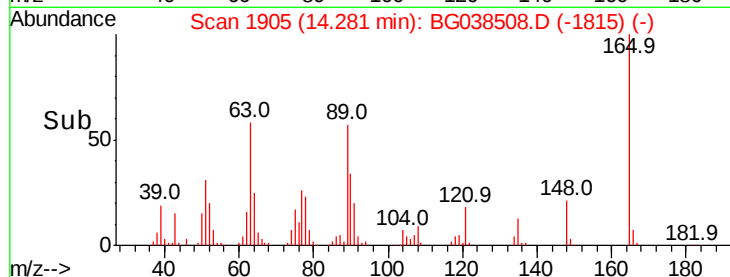
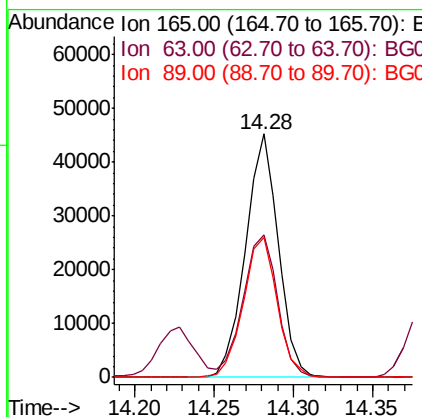
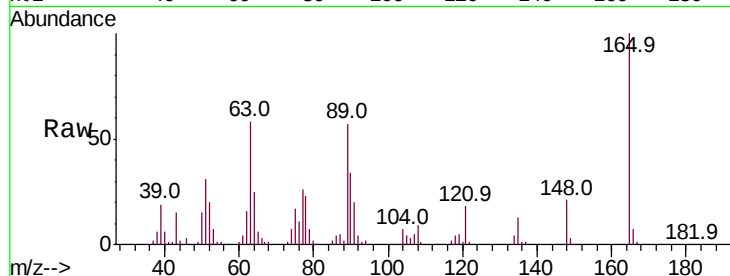
ClientSampleId :

CL-01-121018-AMSD

Tot Ion:	165	Resp:	64882
Ion Ratio	Lower	Upper	
165	100		
63	58.3	51.8	77.6
89	57.3	47.9	71.9

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#52

Acenaphthene

Concen: 46.642 ng

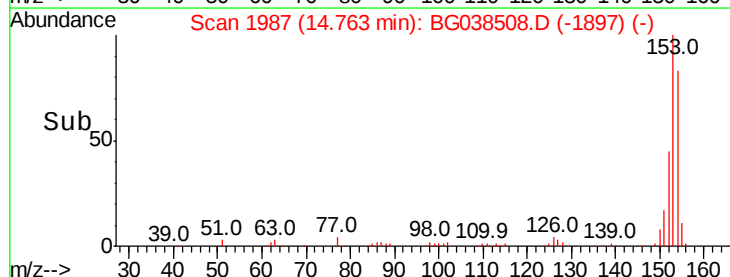
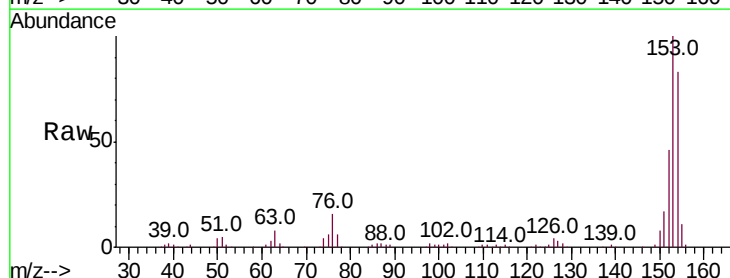
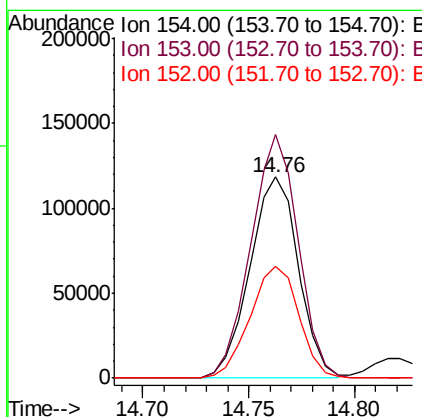
RT: 14.76 min Scan# 1987

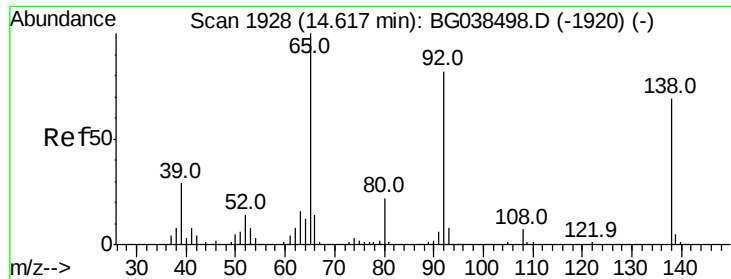
Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Tgt Ion:	154	Resp:	189147
Ion Ratio	Lower	Upper	
154	100		
153	121.1	90.6	136.0
152	55.6	43.5	65.3





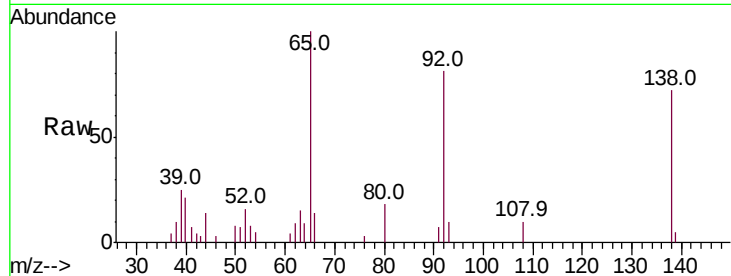
#53
3-Nitroaniline
Concen: 6.612 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

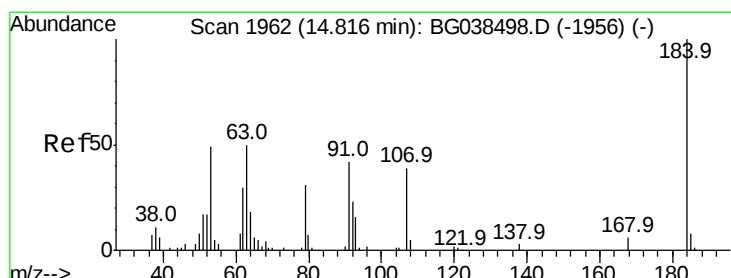
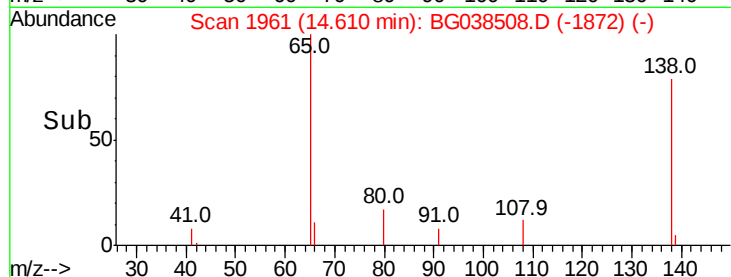
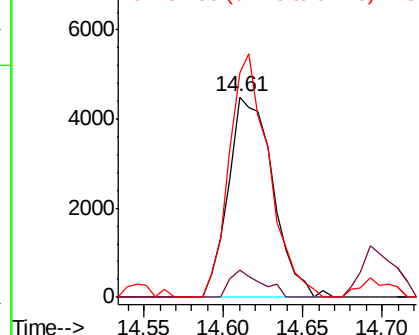
Tot Ion	Ratio	Lower	Upper
138	100		
108	13.9	7.9	11.9#
92	111.7	95.3	142.9

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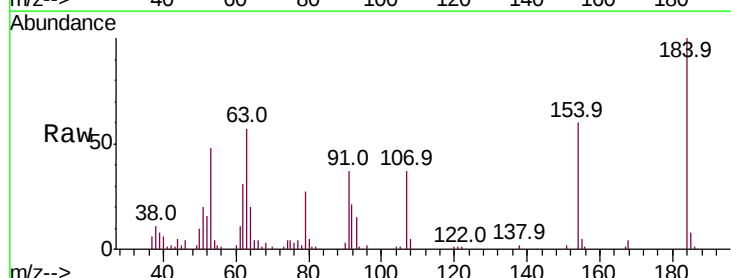


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

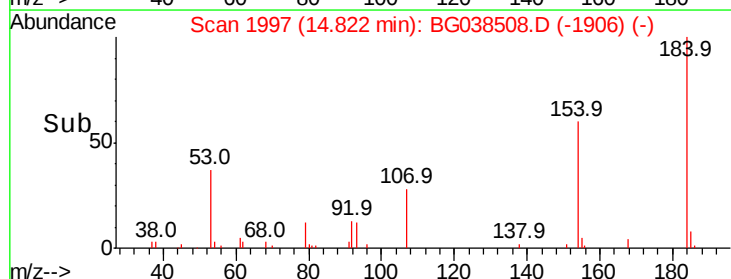
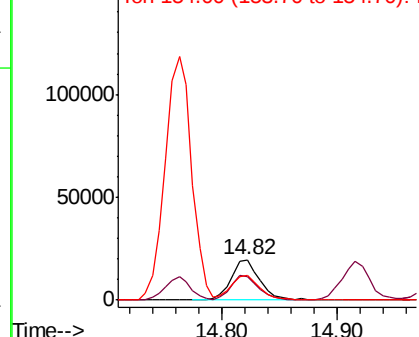


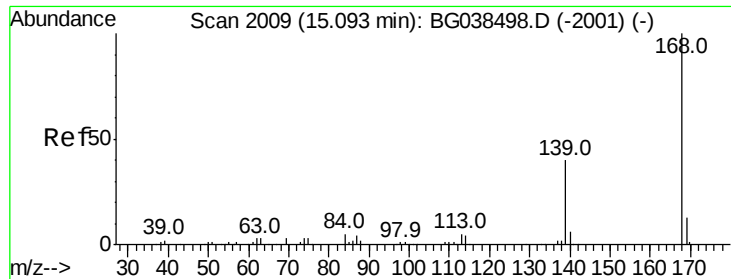
#54
2,4-Dinitrophenol
Concen: 45.787 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.0	47.0	70.6
154	60.3	50.3	75.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





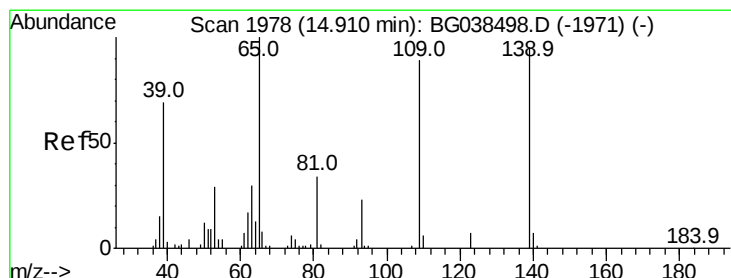
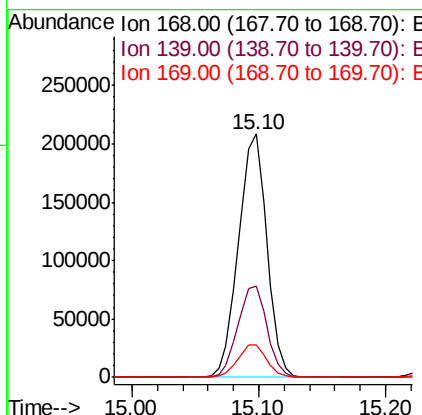
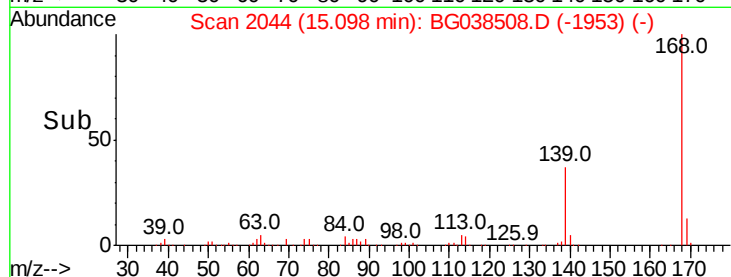
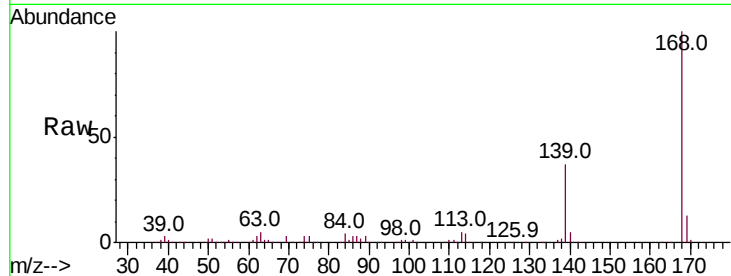
#55
Dibenzenofuran
Concen: 46.517 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	32.2	48.2
169	13.4	10.6	16.0

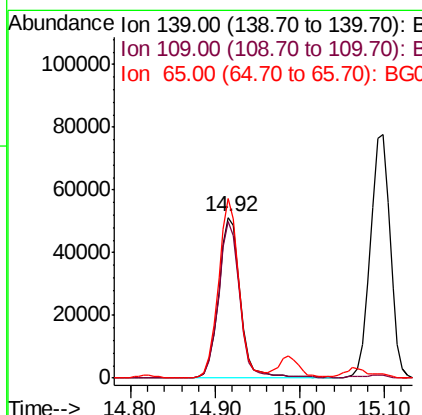
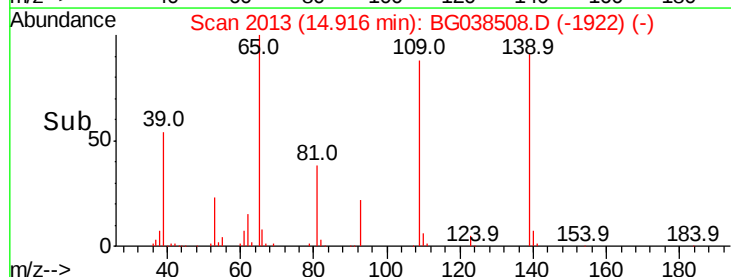
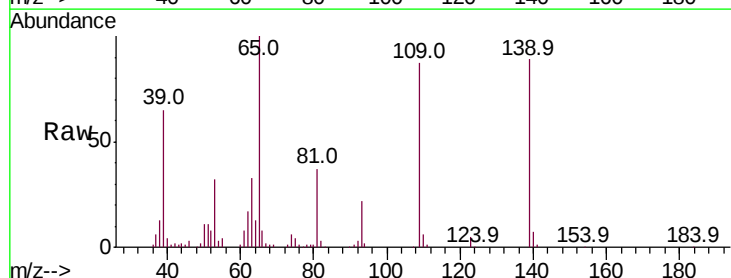
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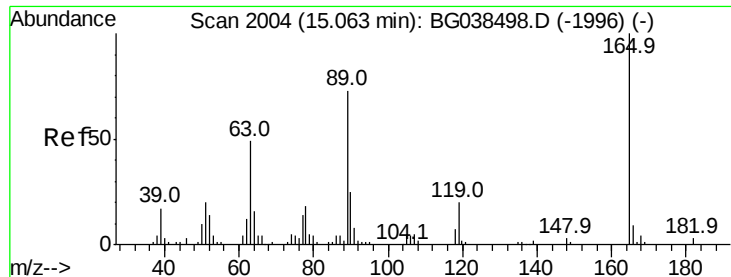
Sohil
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#56
4-Nitrophenol
Concen: 91.577 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.2	73.6	113.6
65	111.9	84.8	124.8





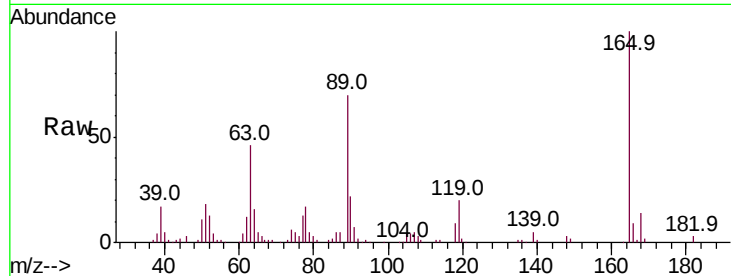
#57
 2,4-Dinitrotoluene
 Concen: 49.678 ng
 RT: 15.07 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.7	39.0	58.4
89	69.5	58.0	87.0
182	2.7	2.3	3.5

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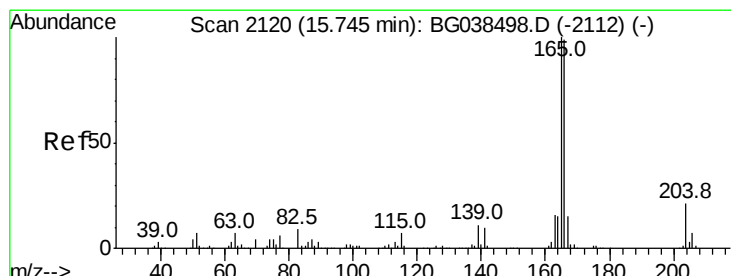
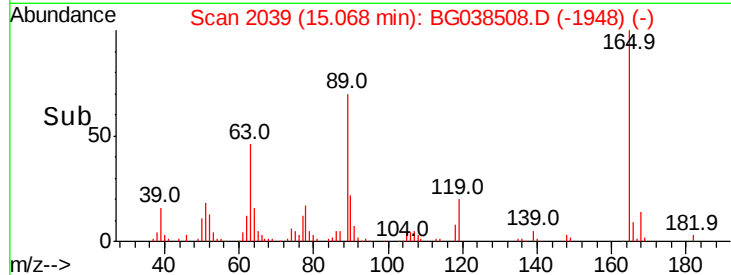
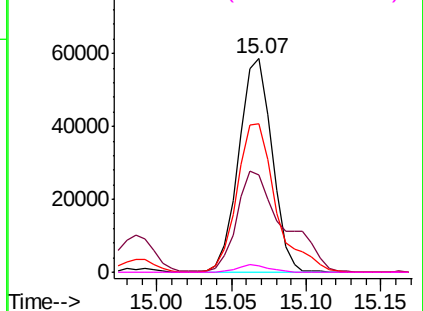
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 51.330 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

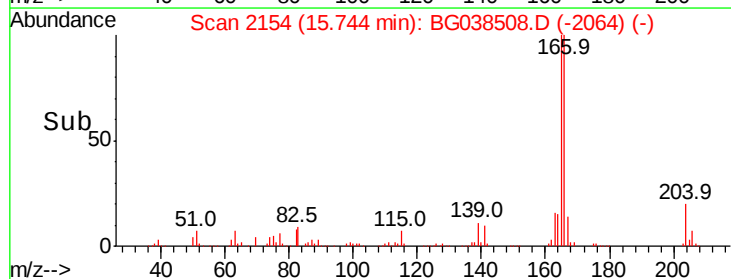
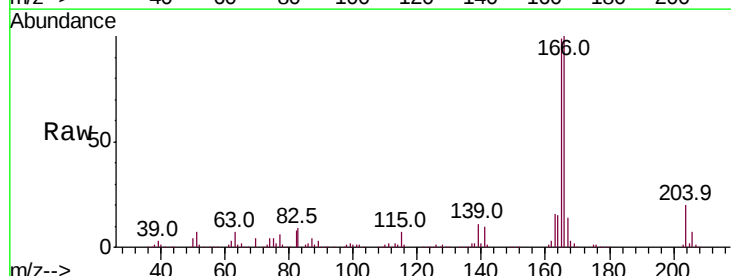
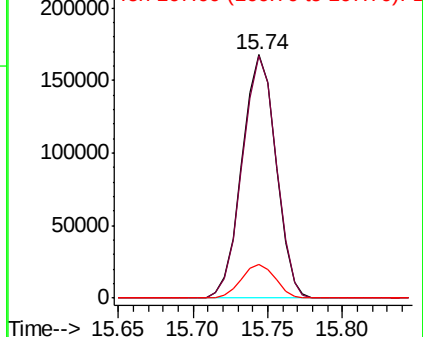
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.6	120.8
167	14.0	12.0	18.0

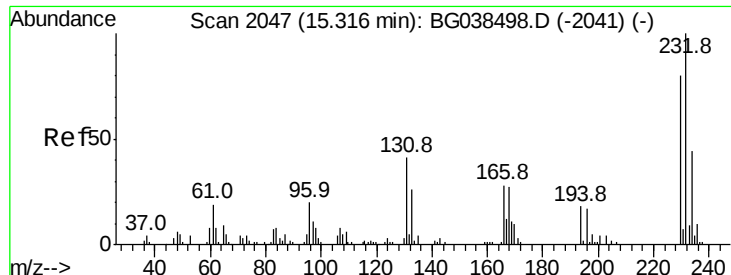
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





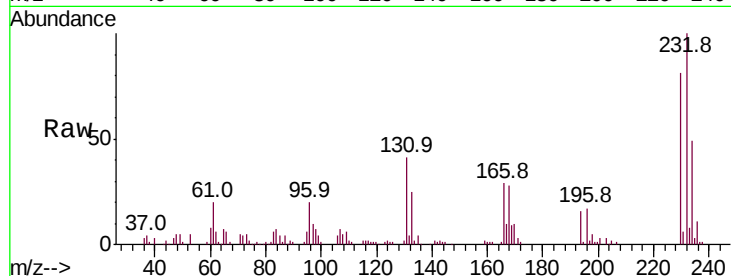
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.352 ng
RT: 15.32 min Scan# 2082
Delta R.T. 0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	81827		
131	41.1		33.0	49.4
130	2.1		2.0	3.0
166	29.8		23.1	34.7

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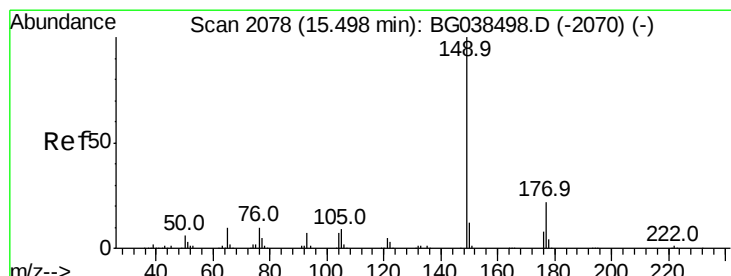
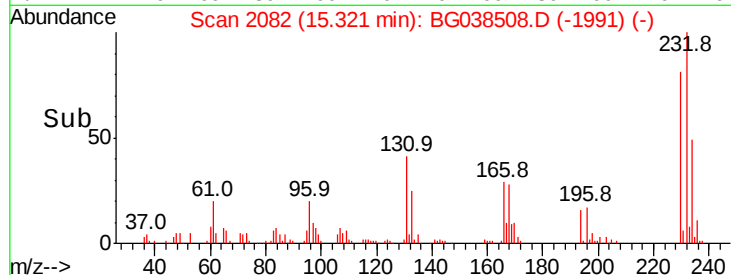
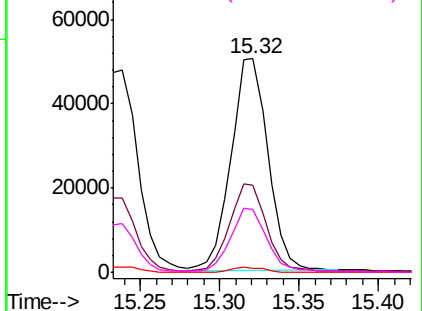
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

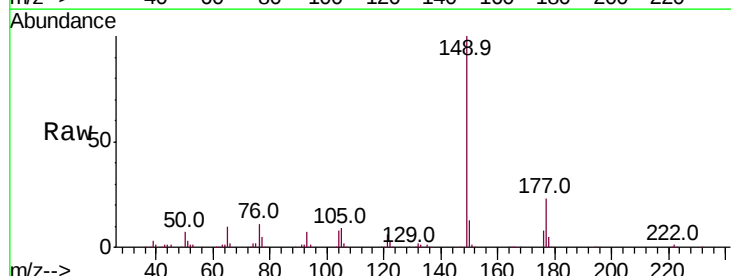
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 46.709 ng
RT: 15.50 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	293346		
177	22.9		17.7	26.5
150	12.8		9.9	14.9

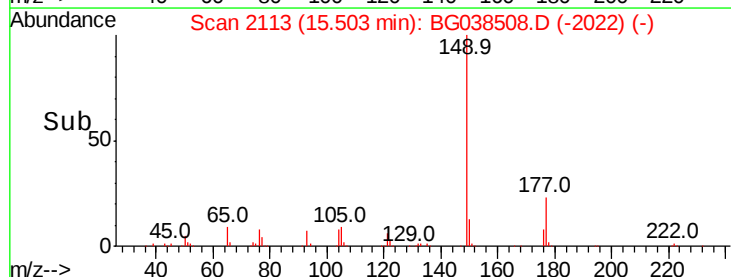
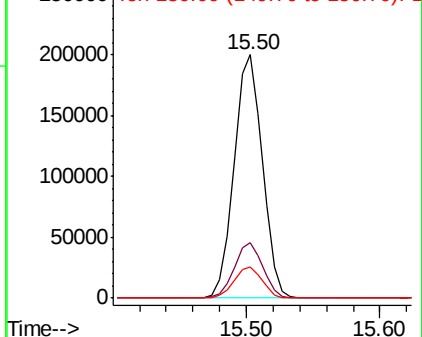


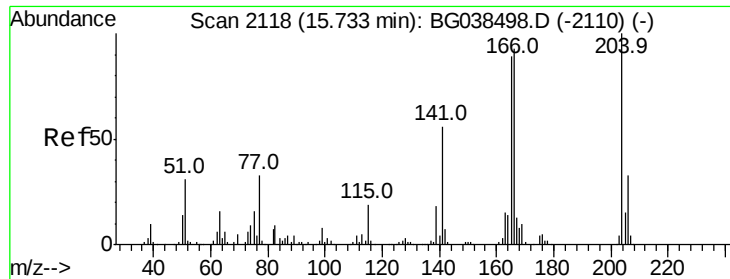
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





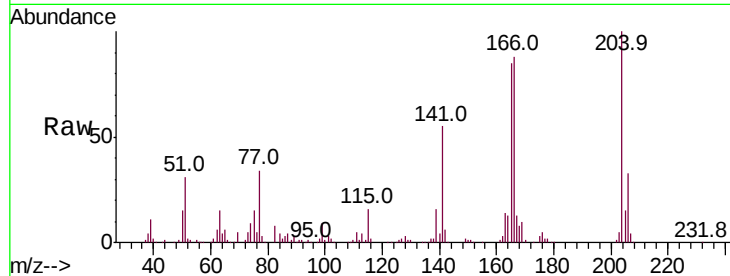
#61
4-Chlorophenyl-phenylether
Concen: 46.343 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.0	39.0
141	54.5	44.4	66.6

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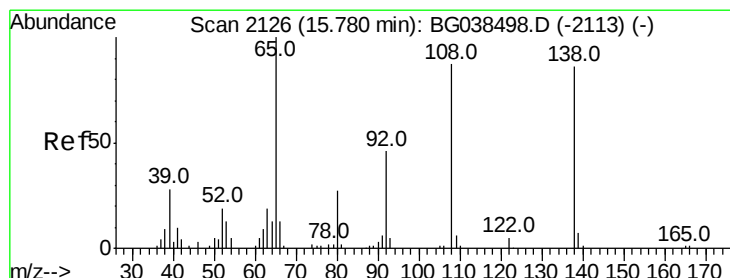
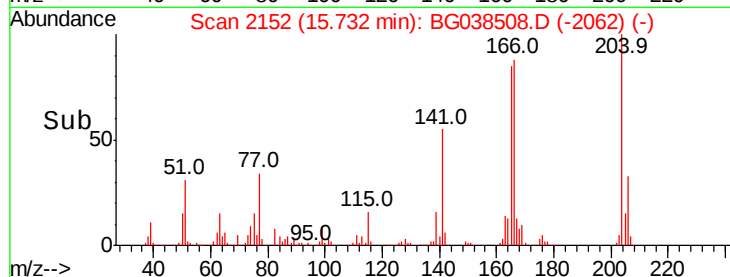
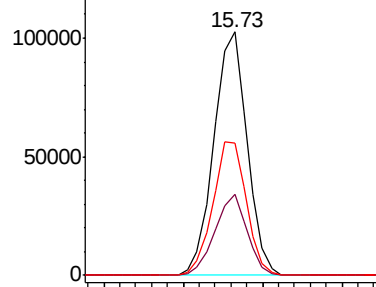


Abundance

Ion 204.00 (203.70 to 204.70): E

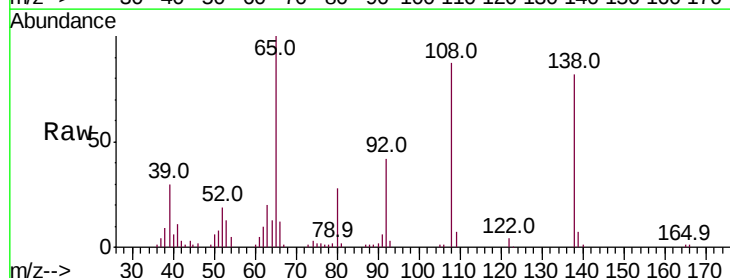
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.468 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.1	33.3	73.3
108	106.9	81.4	121.4

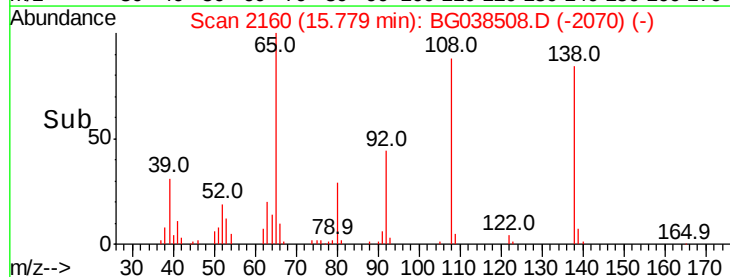
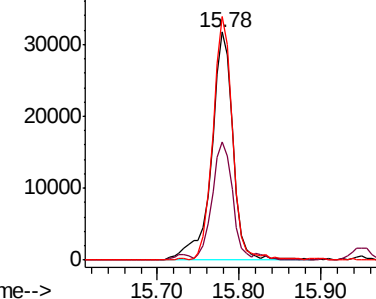


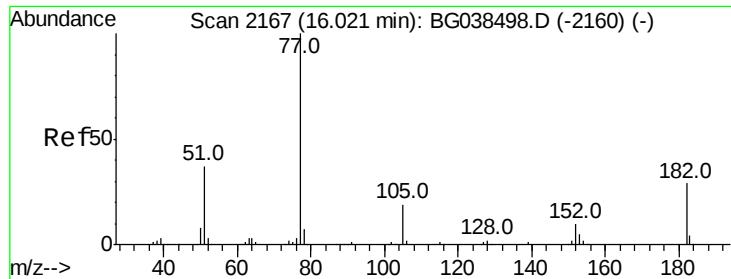
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





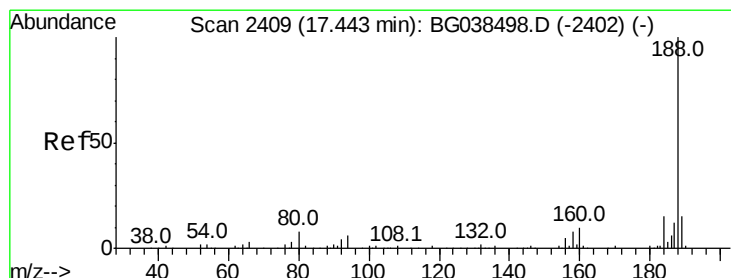
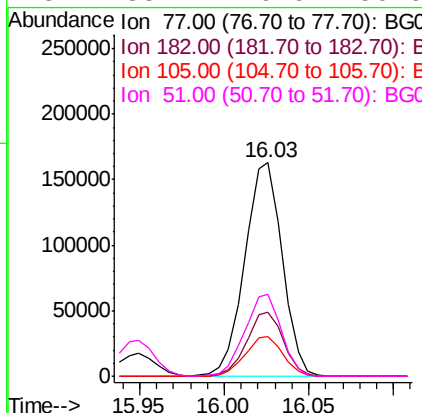
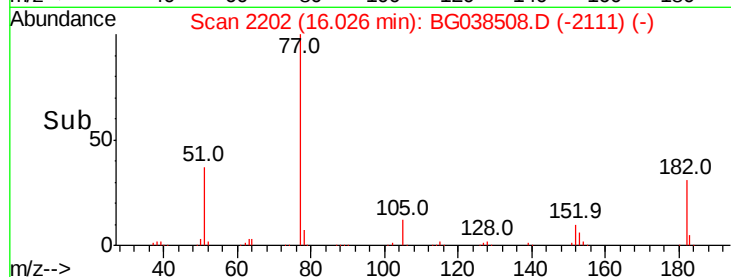
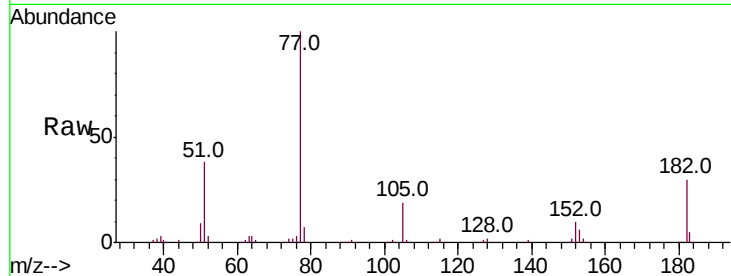
#63
Azobenzene
Concen: 47.738 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tot Ion:	77	Resp:	250457
Ion Ratio	Lower	Upper	
77	100		
182	30.0	8.7	48.7
105	18.8	0.0	38.7
51	38.2	16.6	56.6

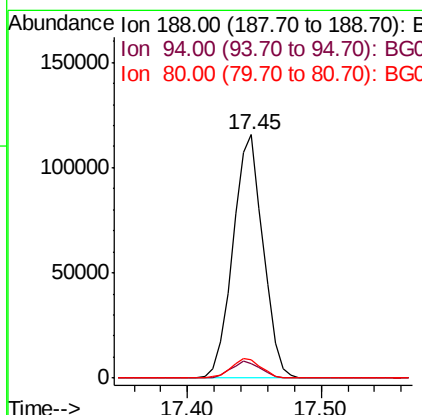
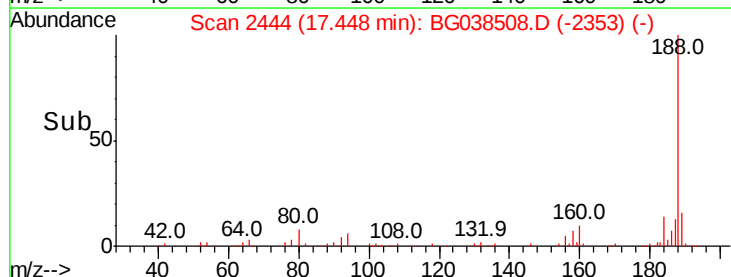
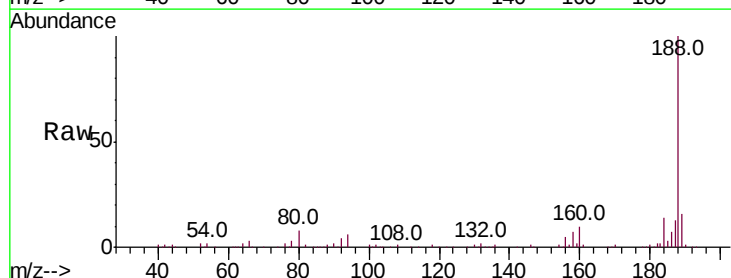
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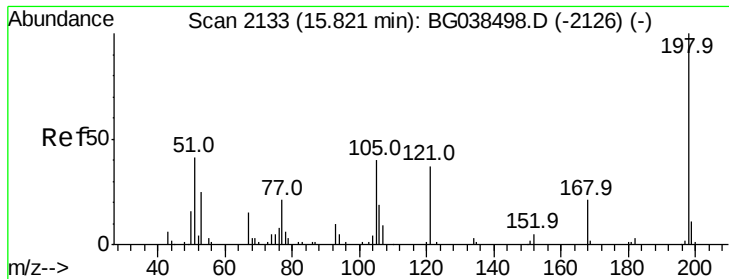
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion:	188	Resp:	180654
Ion Ratio	Lower	Upper	
188	100		
94	5.8	5.1	7.7
80	7.7	6.1	9.1





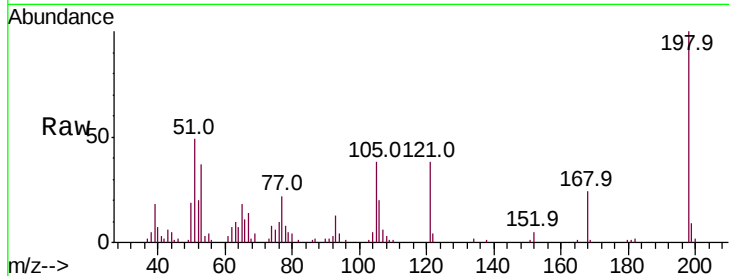
#65
4,6-Dinitro-2-methylphenol
Concen: 27.108 ng
RT: 15.83 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

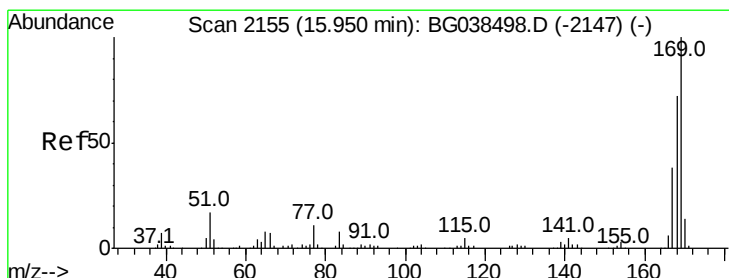
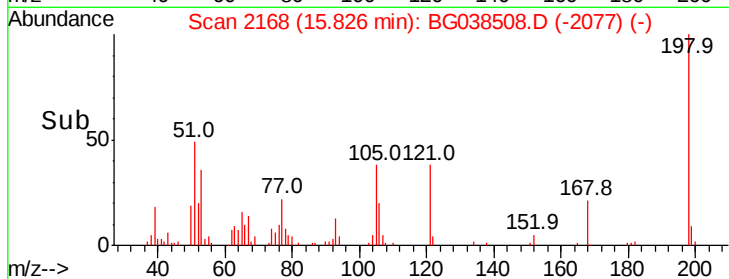
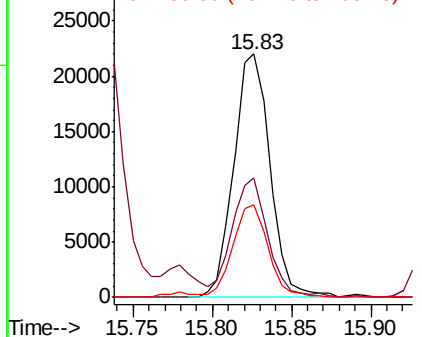
Tot Ion	Ratio	Resp	Lower	Upper
198	100	34934		
51	48.8	28.6	68.6	
105	38.2	20.4	60.4	

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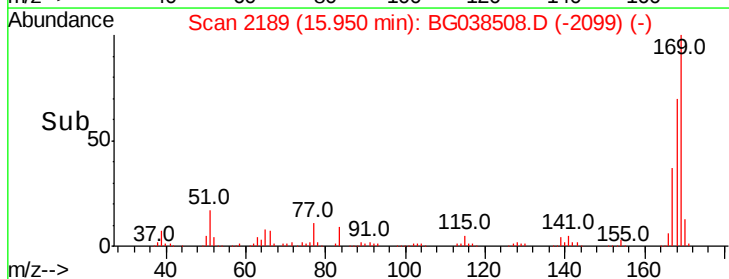
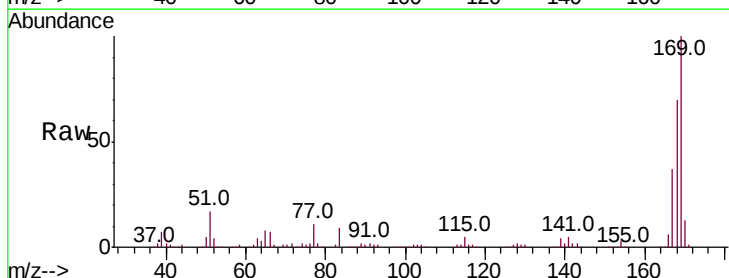
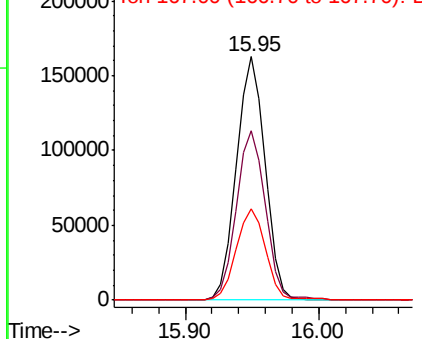
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

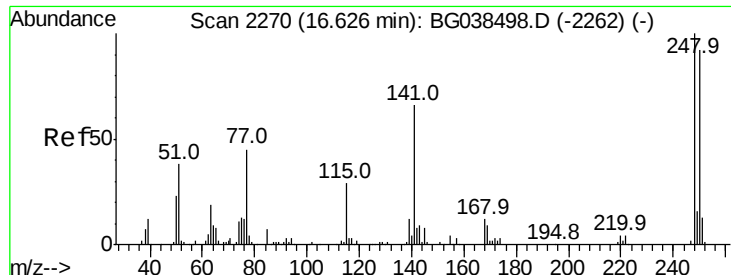


#66
n-Nitrosodiphenylamine
Concen: 45.544 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	241750		
168	69.7	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





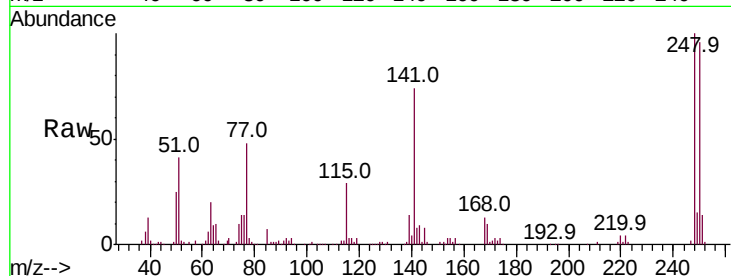
#67
 4-Bromophenyl-phenylether
 Concen: 44.384 ng
 RT: 16.63 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	73.4	110.2
141	73.7	52.9	79.3

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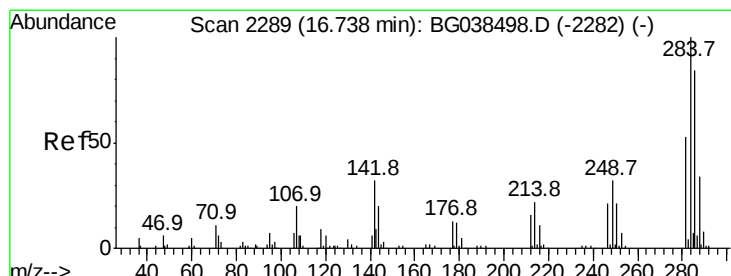
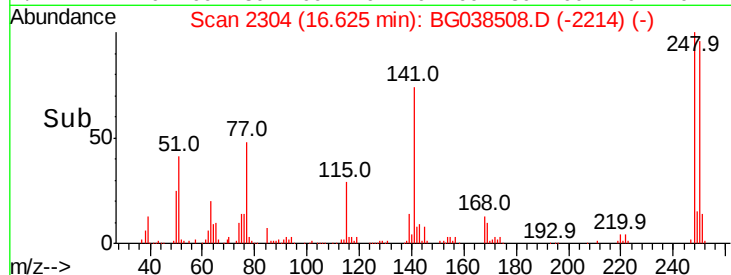
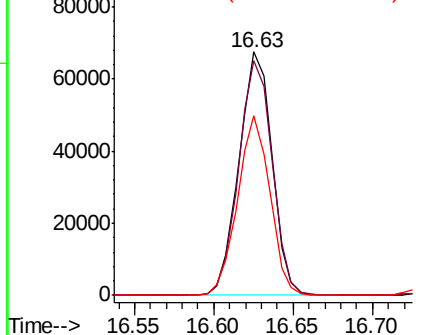


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 45.025 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

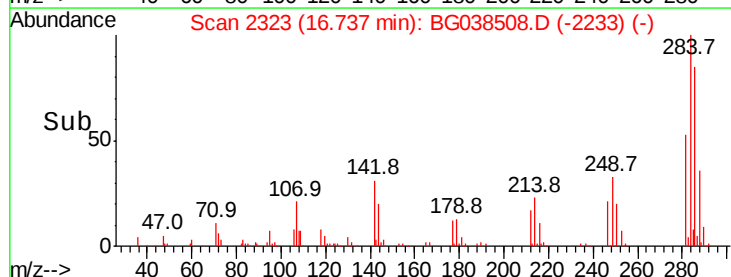
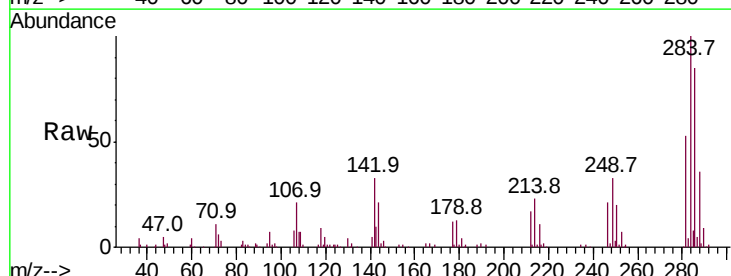
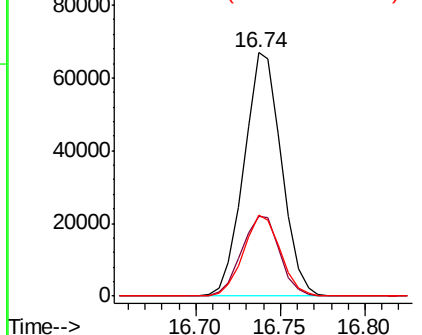
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	25.8	38.6
249	36.3	27.0	40.4

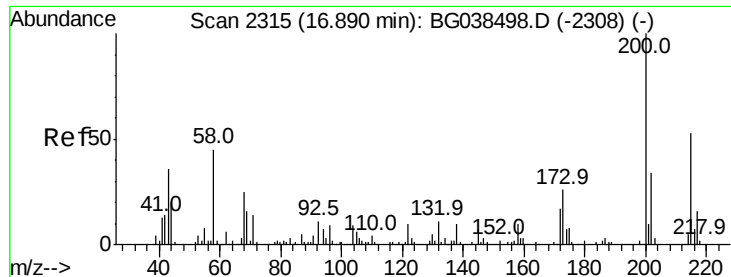
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





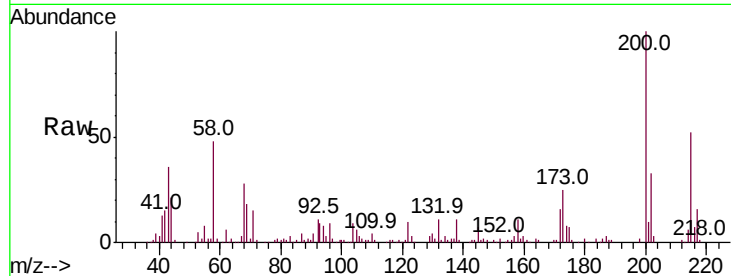
#69
Atrazine
Concen: 52.052 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

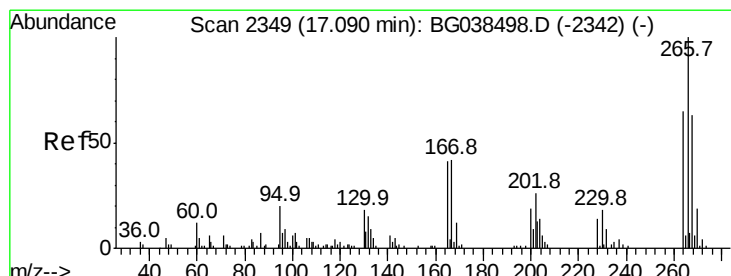
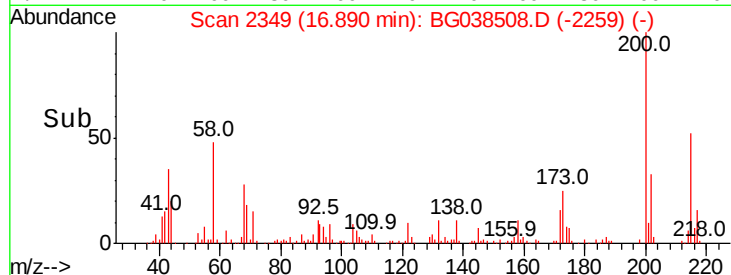
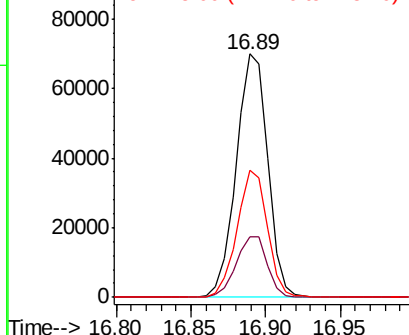
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.1	5.9	45.9
215	52.2	33.1	73.1

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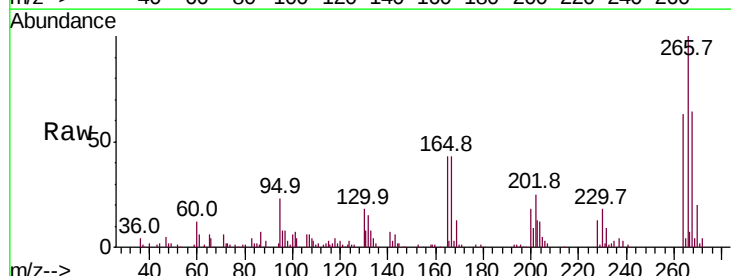


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

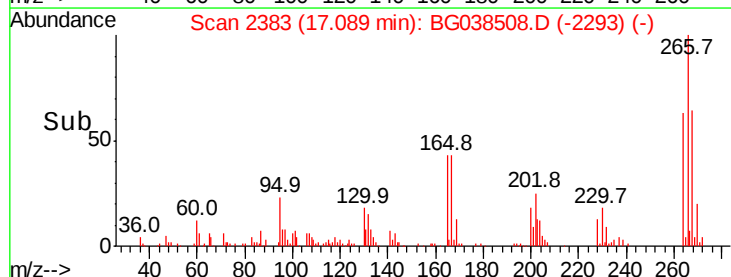
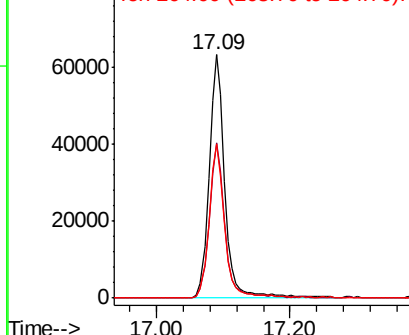


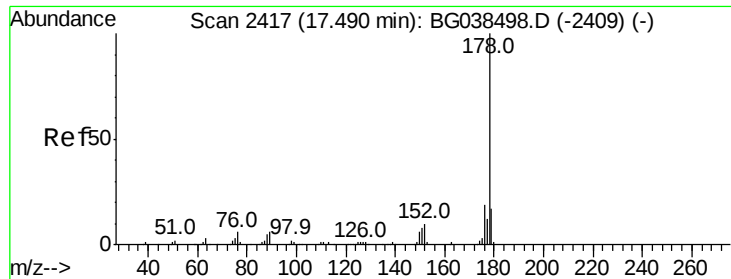
#70
Pentachlorophenol
Concen: 76.593 ng
RT: 17.09 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.9	55.0	82.6
264	66.9	56.7	85.1



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





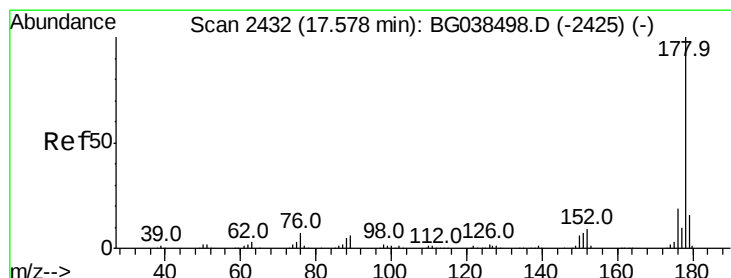
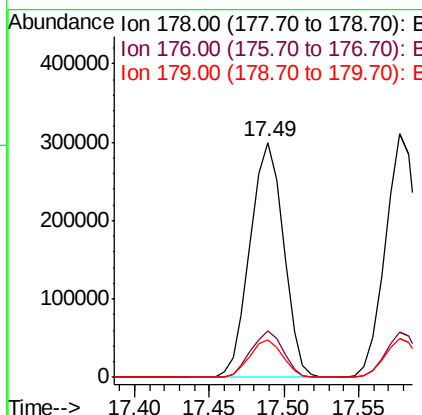
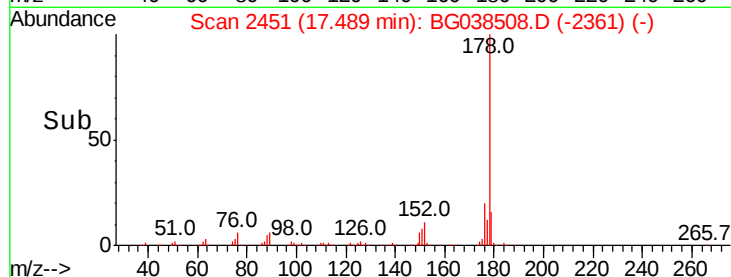
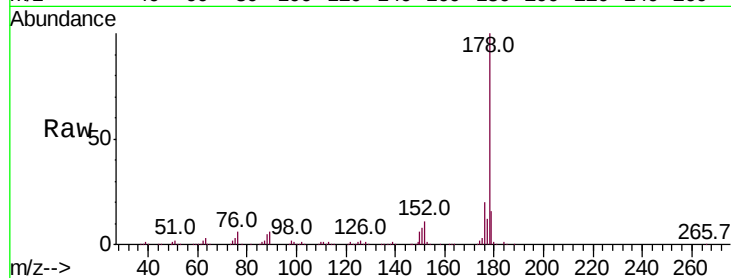
#71
Phenanthrene
Concen: 49.665 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	16.2	13.2	19.8

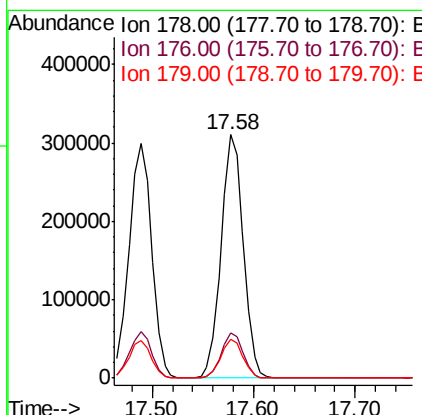
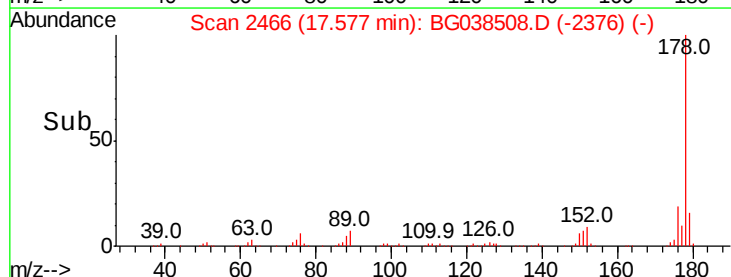
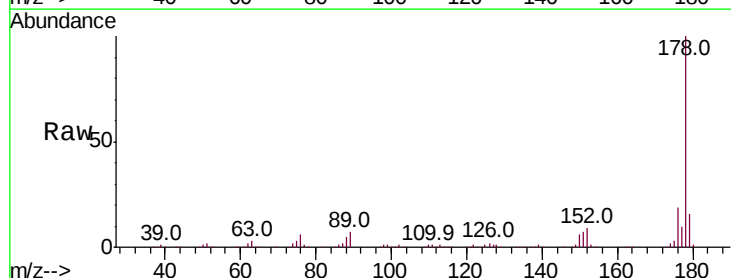
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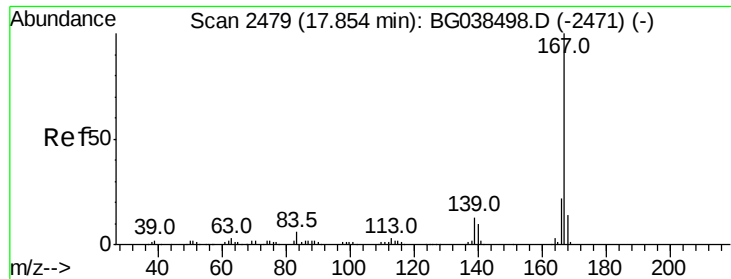
Sohil
12/13/2018 3:07:01 PM



#72
Anthracene
Concen: 51.146 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.8	12.9	19.3





#73

Carbazole

Concen: 46.197 ng

RT: 17.85 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

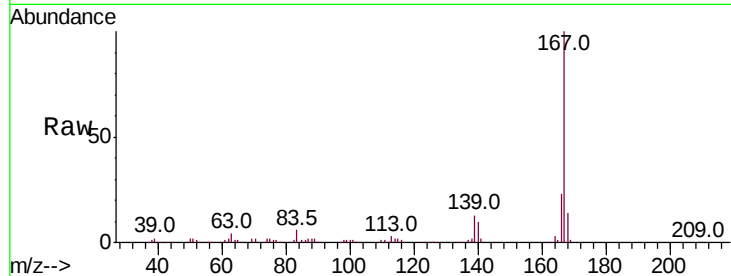
ClientSampleId :

CL-01-121018-AMSD

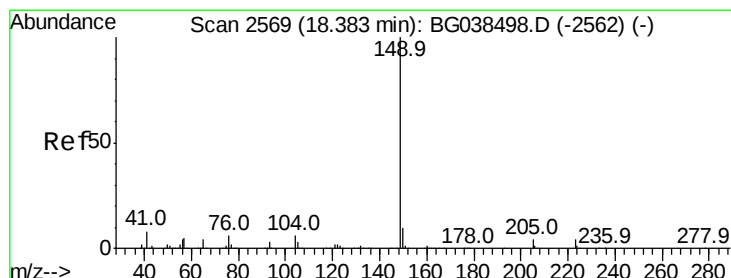
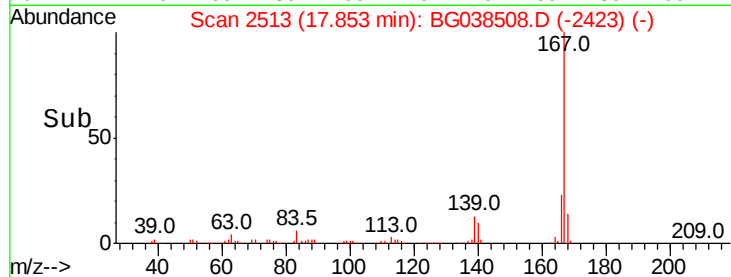
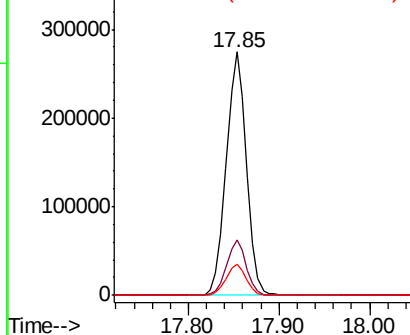
Tot Ion:	167	Resp:	422531
Ion Ratio	Lower	Upper	
167	100		
166	22.6	17.9	26.9
139	12.7	10.2	15.2

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.163 ng

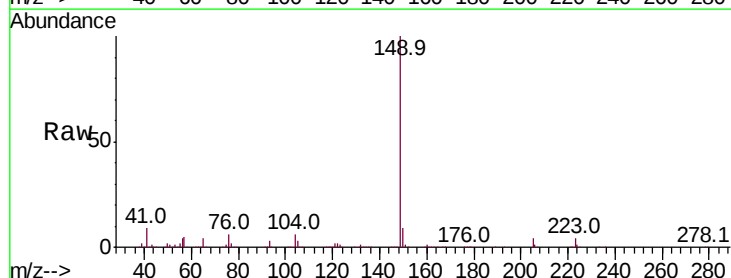
RT: 18.38 min Scan# 2603

Delta R.T. -0.00 min

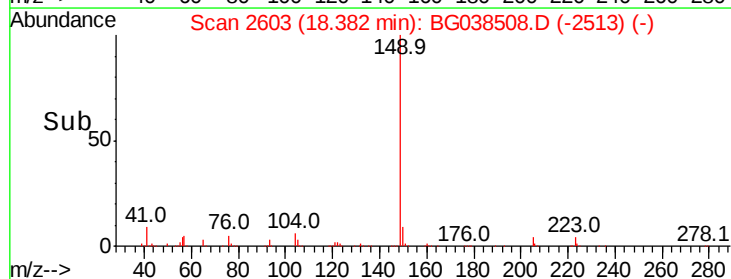
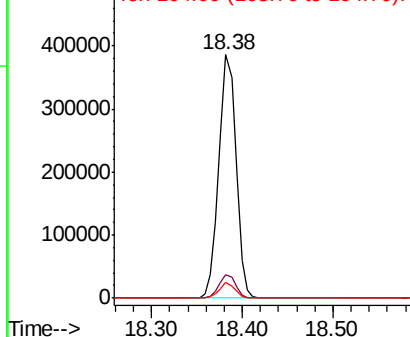
Lab File: BG038508.D

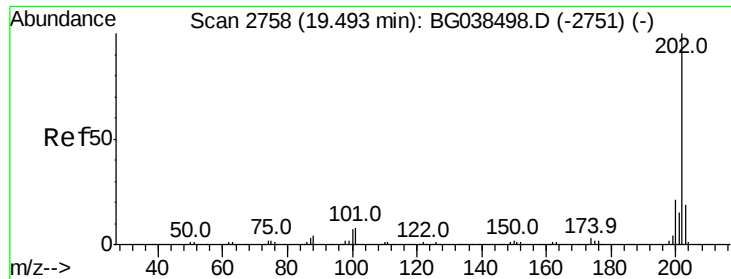
Acq: 12 Dec 2018 21:24

Tgt Ion:	149	Resp:	505475
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.6	11.4
104	6.3	5.0	7.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





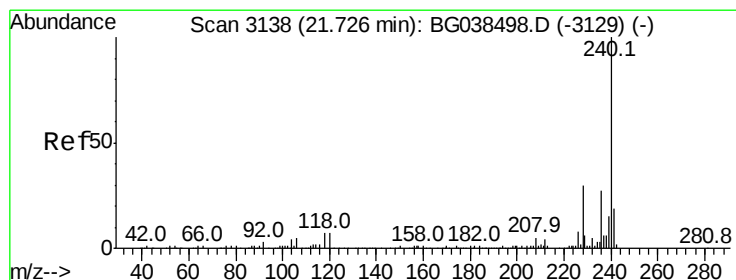
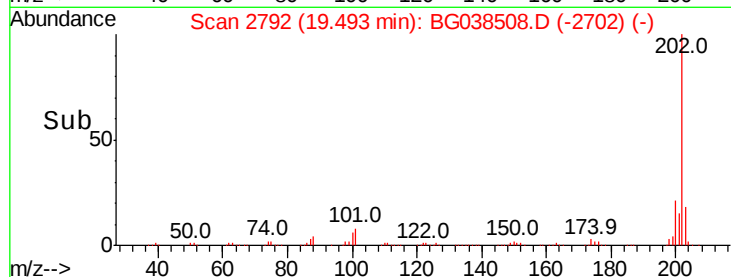
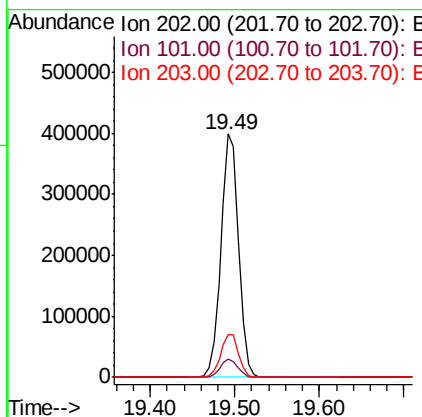
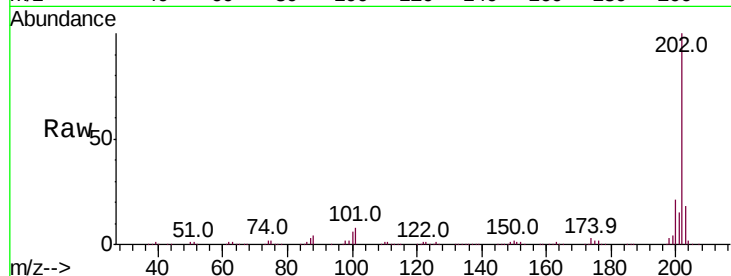
#75
Fluoranthene
 Concen: 49.820 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.6	0.0	28.1
203	17.6	0.0	39.0

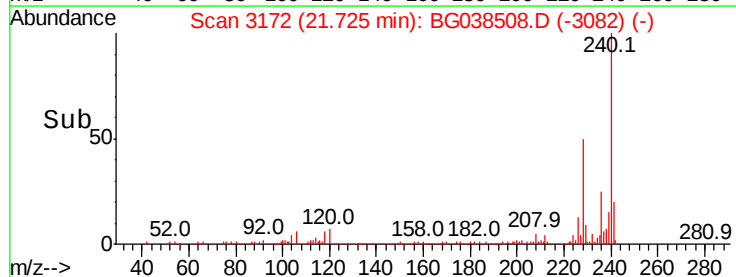
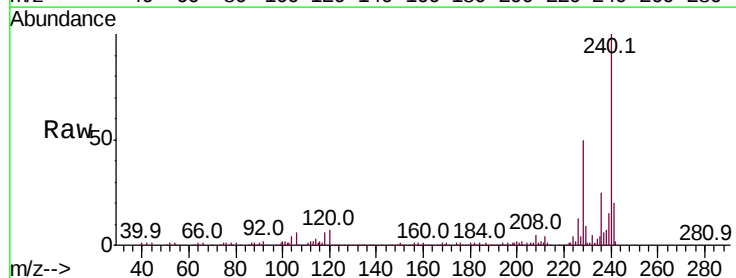
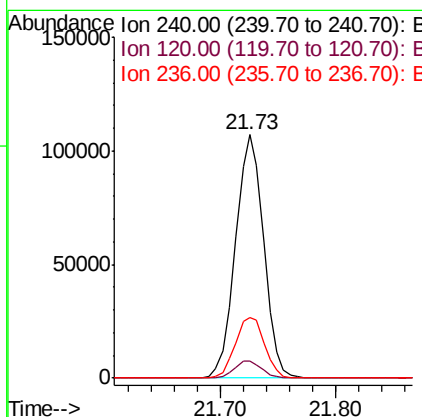
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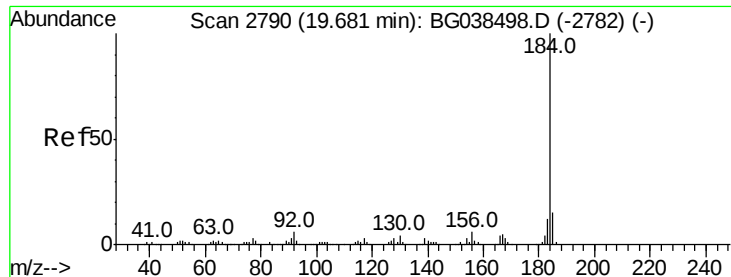
Sohil
 12/13/2018 3:07:01 PM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.1	5.3	7.9
236	25.1	21.4	32.2





#77

Benzidine

Concen: 23.893 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

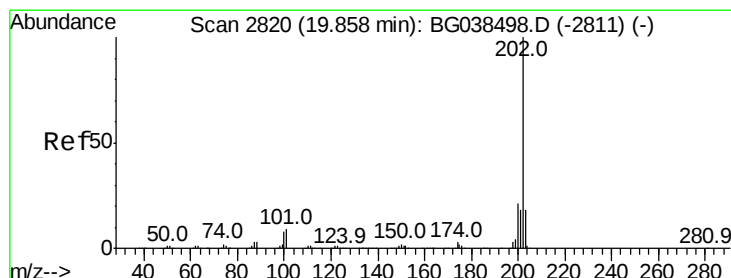
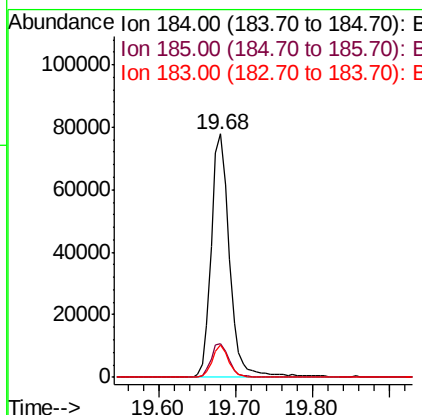
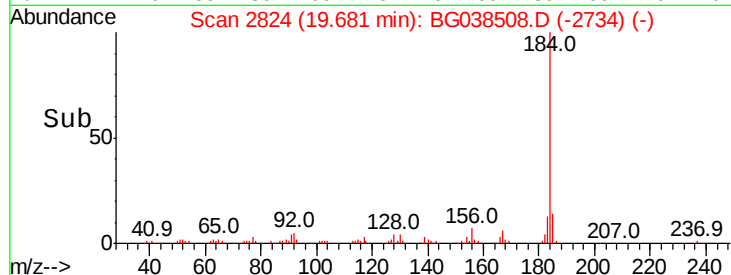
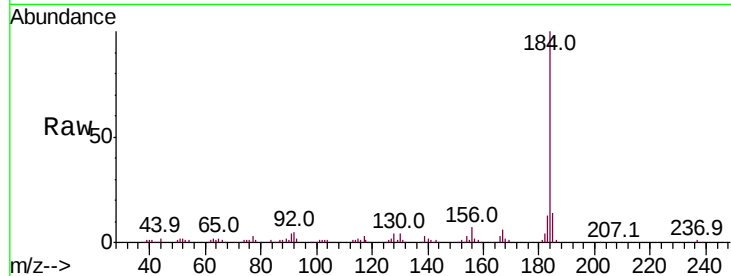
ClientSampleId :

CL-01-121018-AMSD

Tot Ion:	184	Resp:	127310
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.2	18.2
183	13.4	9.6	14.4

Manual Integrations
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#78

Pyrene

Concen: 48.406 ng

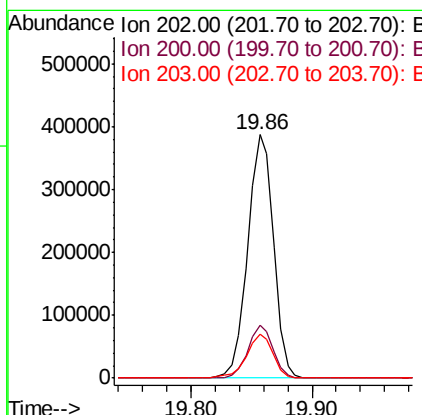
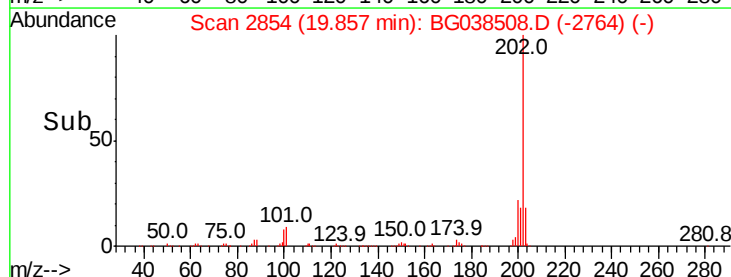
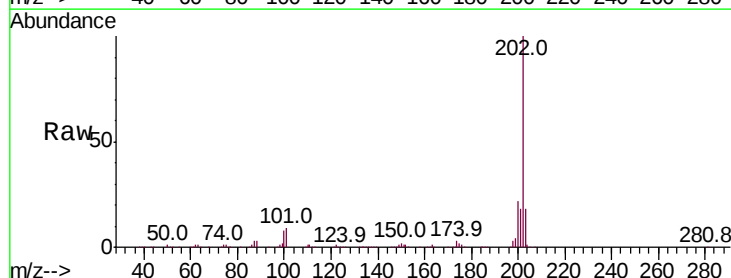
RT: 19.86 min Scan# 2854

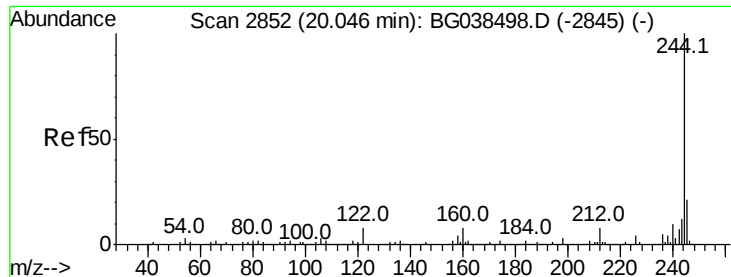
Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Tgt Ion:	202	Resp:	576146
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.6	25.0
203	18.2	14.6	21.8





#79

Terphenyl-d14

Concen: 109.427 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

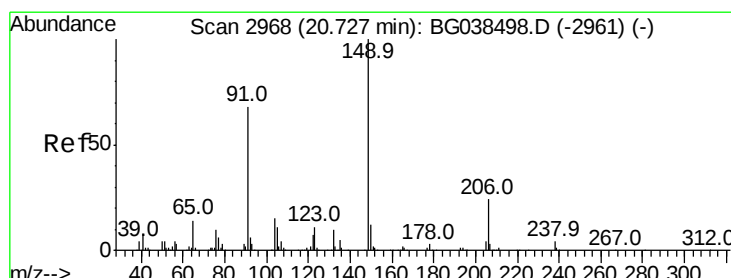
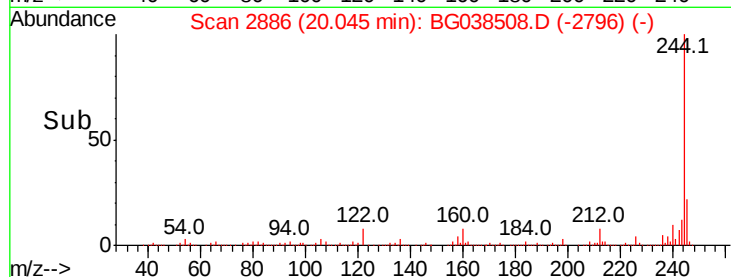
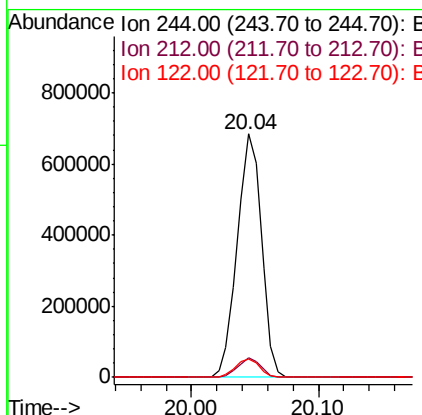
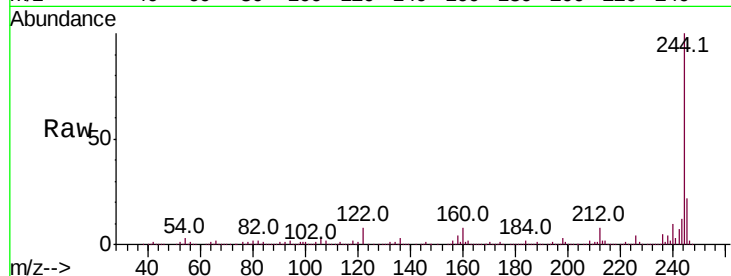
ClientSampleId :

CL-01-121018-AMSD

Tot Ion:	244	Resp:	905899
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.2	9.2
122	7.6	6.3	9.5

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#80

Butylbenzylphthalate

Concen: 49.002 ng

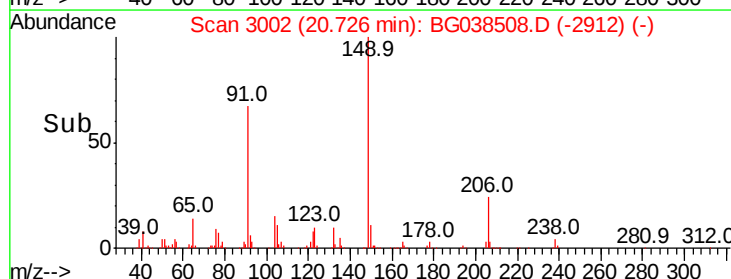
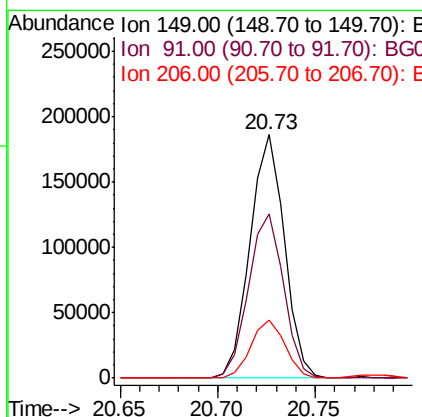
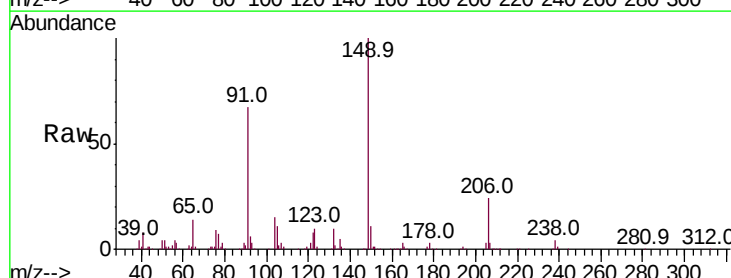
RT: 20.73 min Scan# 3002

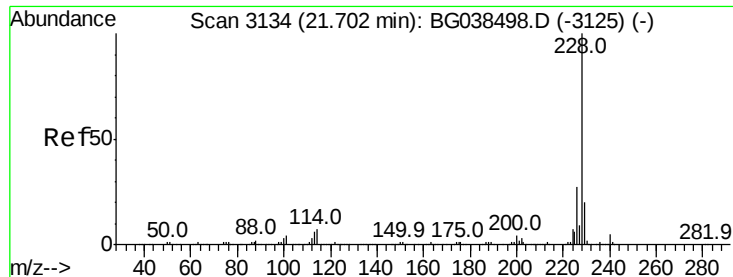
Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Tgt Ion:	149	Resp:	227865
Ion Ratio	Lower	Upper	
149	100		
91	67.4	54.5	81.7
206	23.7	19.0	28.6





#81

Benzo(a)anthracene

Concen: 50.690 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

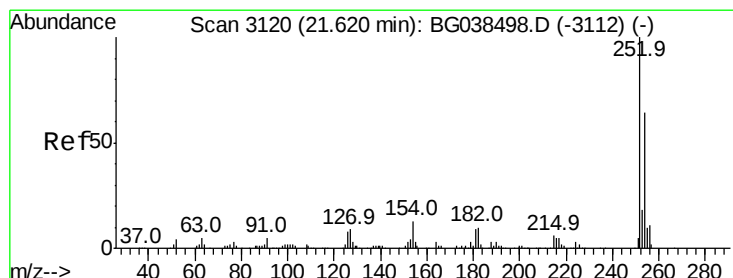
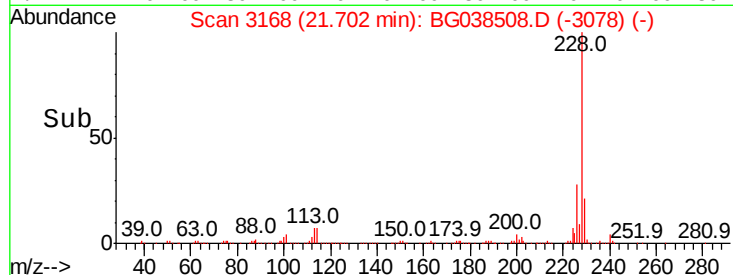
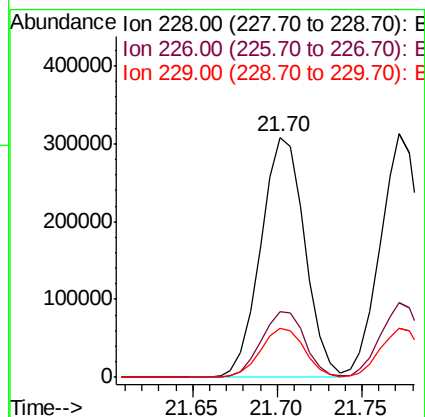
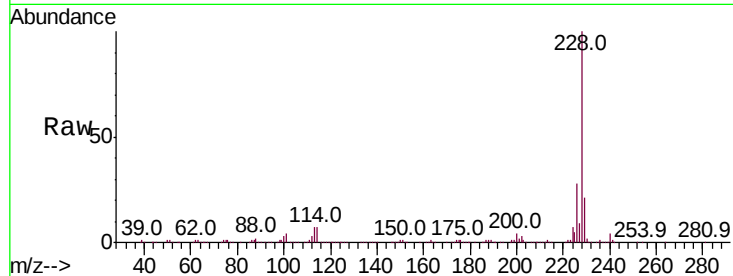
ClientSampleId :

CL-01-121018-AMSD

Tot Ion:	228	Resp:	556505
Ion Ratio	Lower	Upper	
228	100		
226	27.6	21.8	32.8
229	20.6	15.8	23.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 15.982 ng

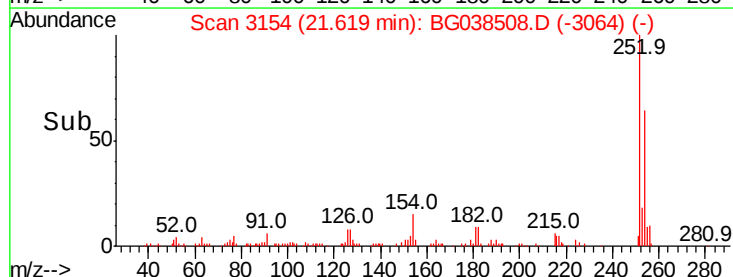
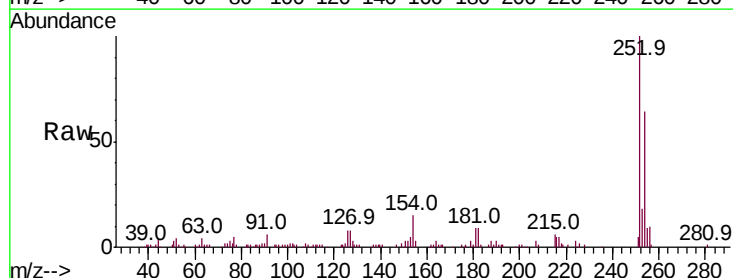
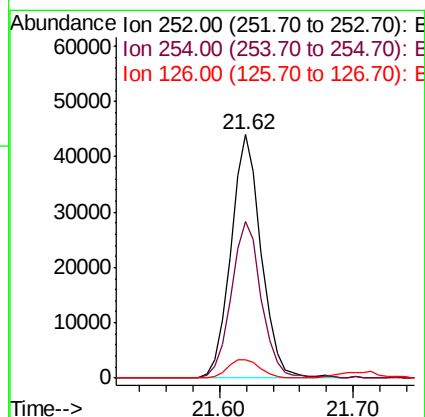
RT: 21.62 min Scan# 3154

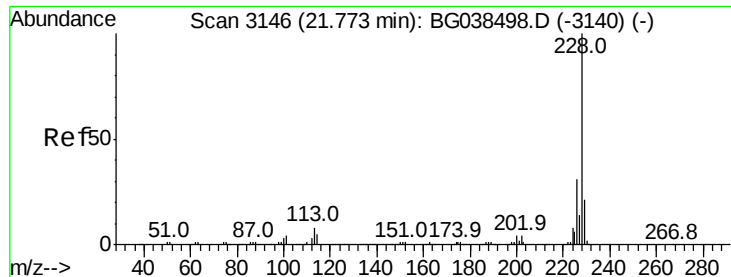
Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Tgt Ion:	252	Resp:	69589
Ion Ratio	Lower	Upper	
252	100		
254	64.4	50.9	76.3
126	7.7	6.3	9.5





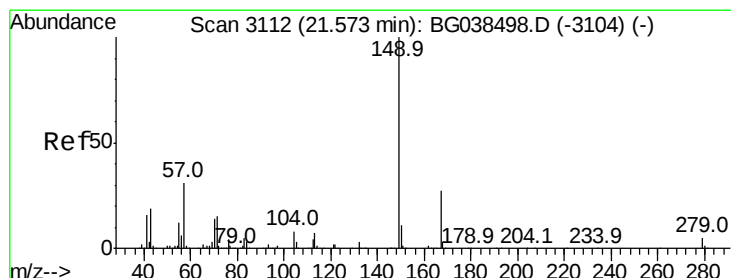
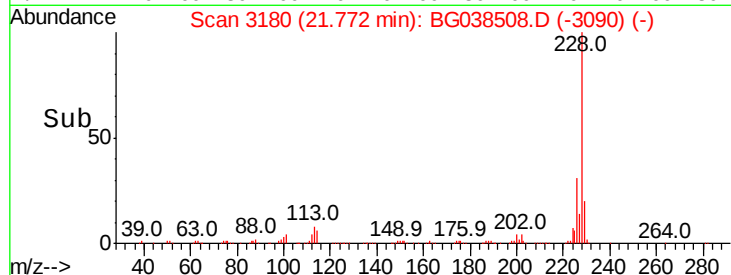
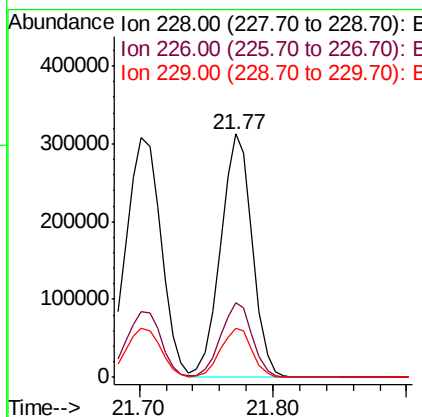
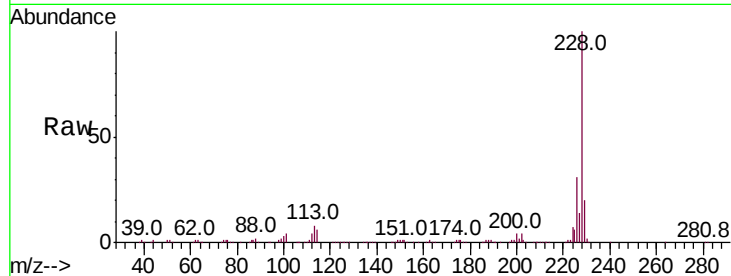
#83
 Chrvsene
 Concen: 48.798 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.4
229	20.3	16.5	24.7

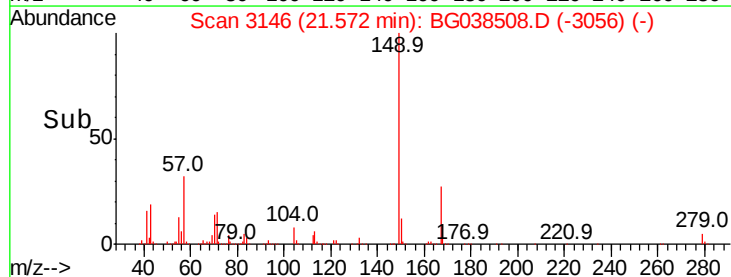
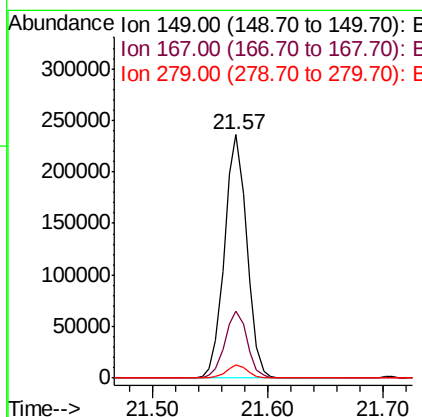
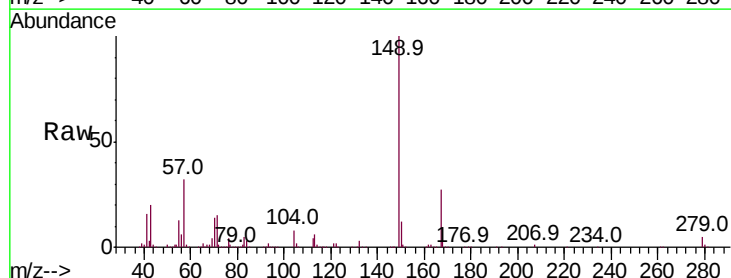
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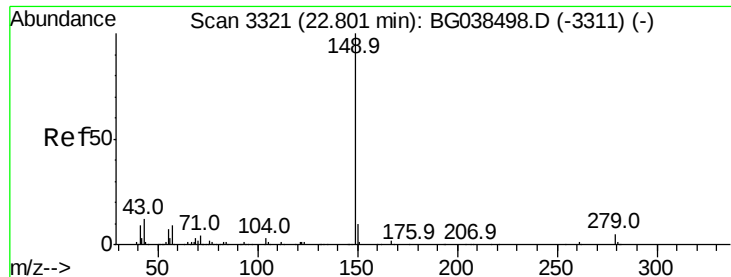
Sohil
 12/13/2018 3:07:01 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.022 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG038508.D
 Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.9	32.9
279	5.5	4.2	6.2





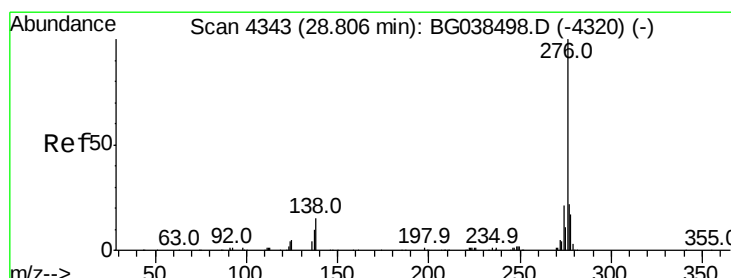
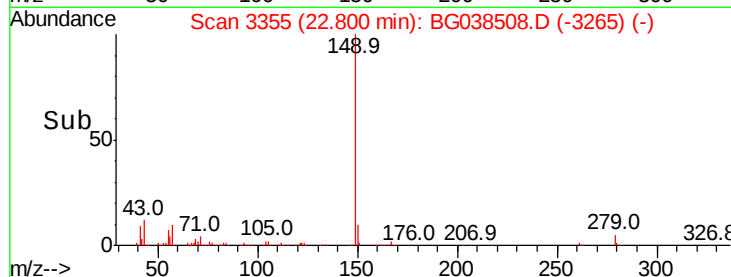
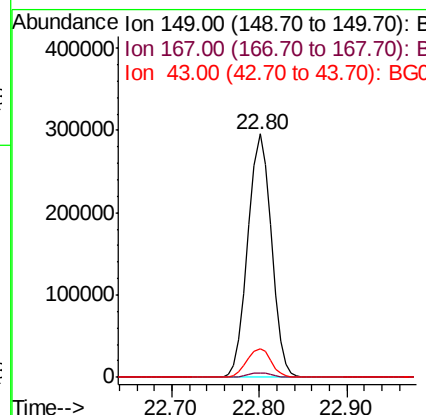
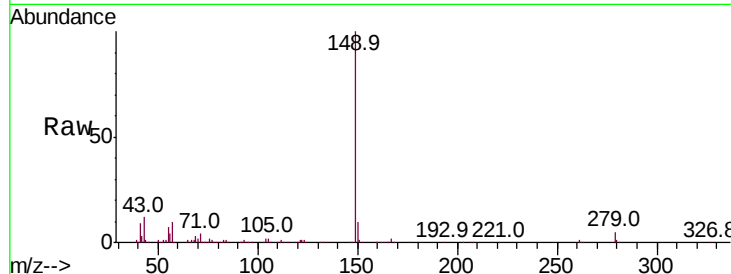
#85
Di-n-octyl phthalate
Concen: 48.560 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.9	9.3	13.9

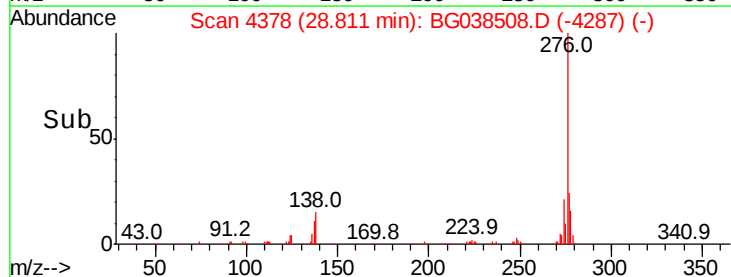
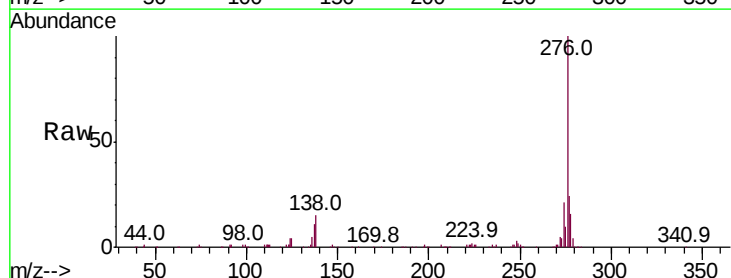
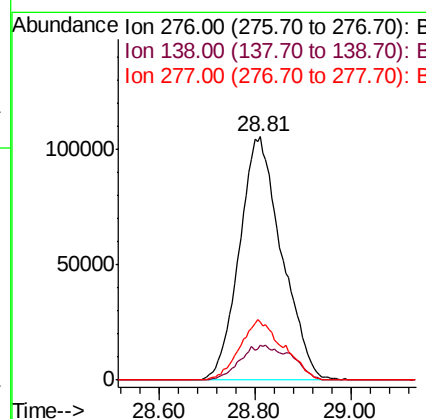
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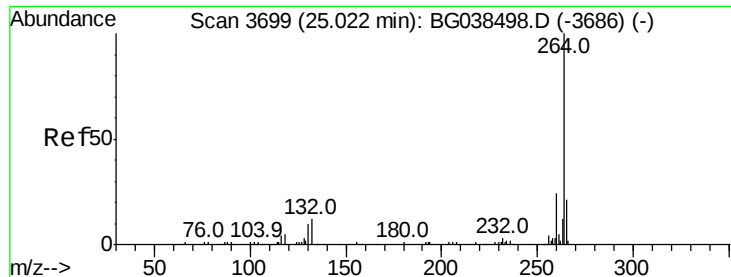
Sohil
12/13/2018 3:07:01 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 51.983 ng
RT: 28.81 min Scan# 4378
Delta R.T. 0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	5.6	14.4	21.6#
277	25.6	0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038508.D

Acq: 12 Dec 2018 21:24

Instrument :

BNA_G

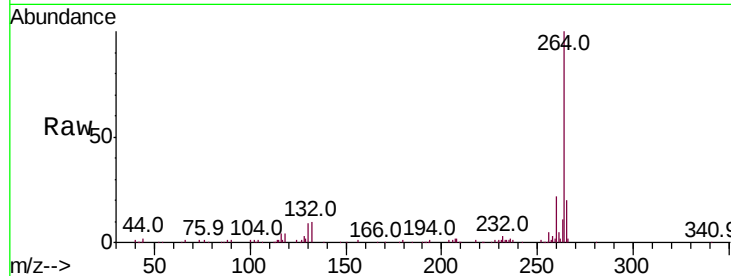
ClientSampleId :

CL-01-121018-AMSD

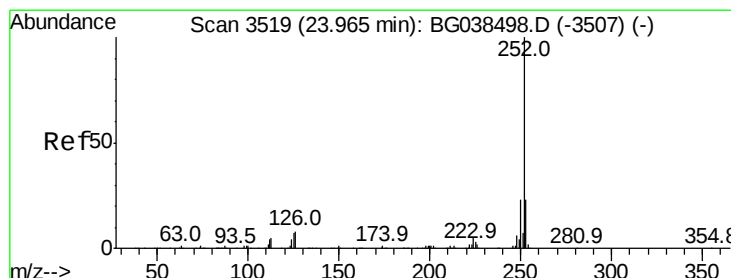
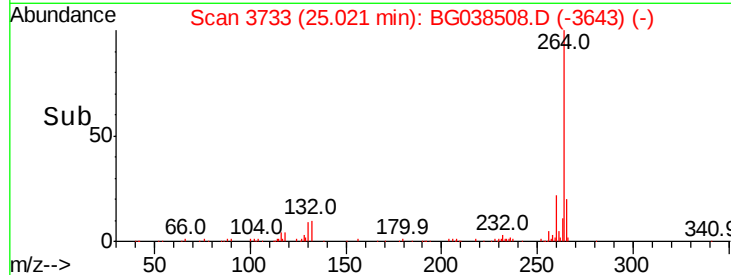
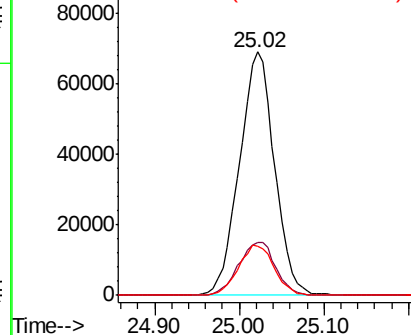
Tot Ion:	264	Resp:	198215
Ion Ratio	Lower	Upper	
264	100		
260	21.7	18.9	28.3
265	20.1	17.0	25.4

Manual Integrations
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.025 ng

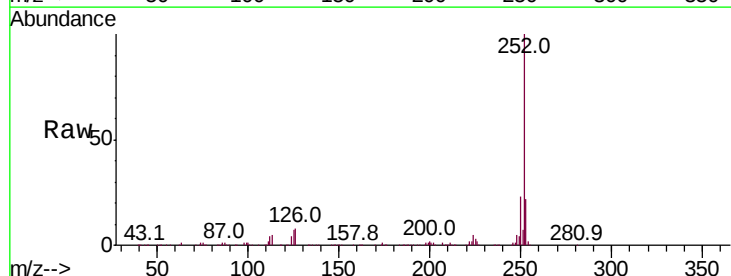
RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

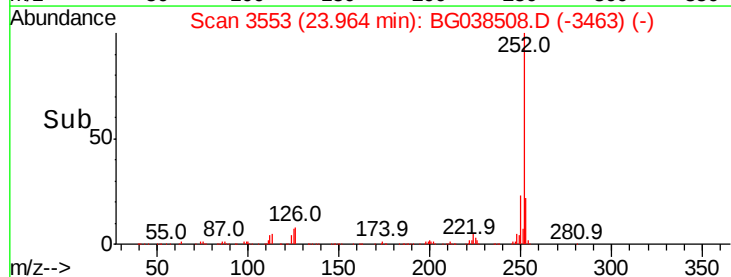
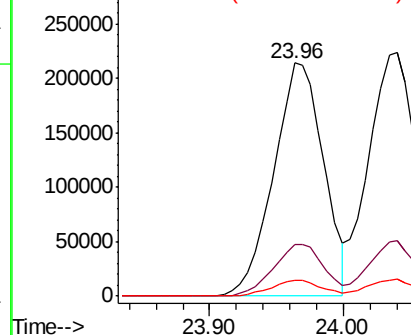
Lab File: BG038508.D

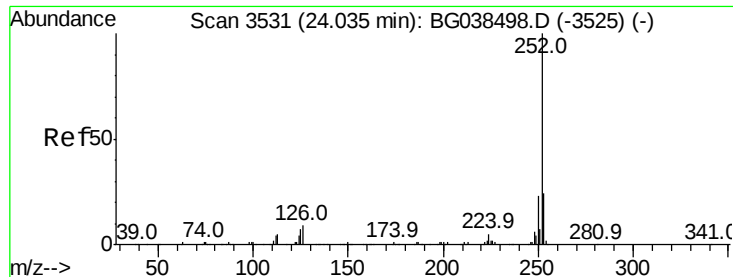
Acq: 12 Dec 2018 21:24

Tgt Ion:	252	Resp:	555299
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.1	27.1
125	7.0	5.5	8.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





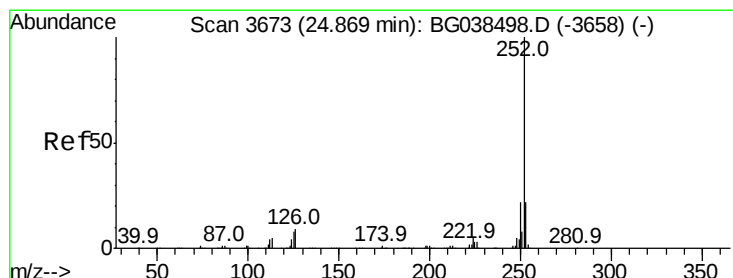
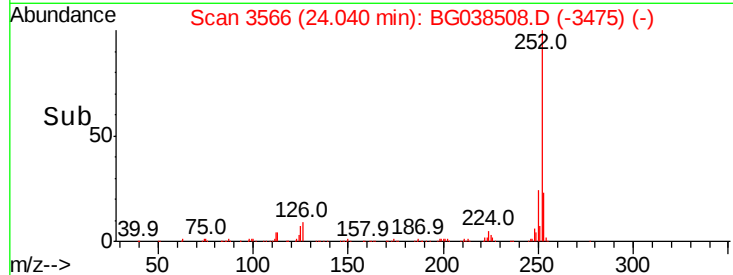
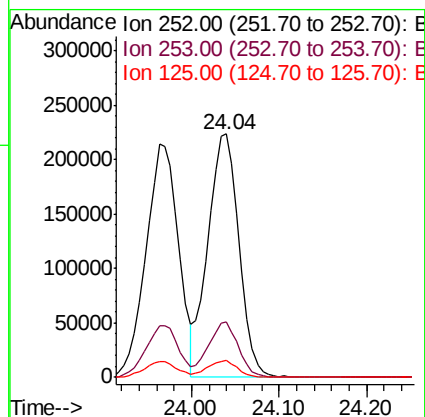
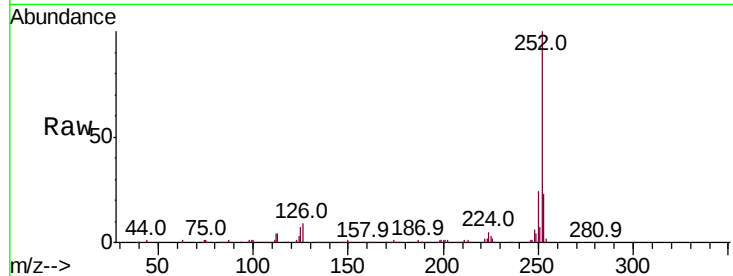
#89
Benzo(k)fluoranthene
Concen: 50.869 ng
RT: 24.04 min Scan# 3566
Delta R.T. 0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.9	28.3
125	7.0	5.4	8.2

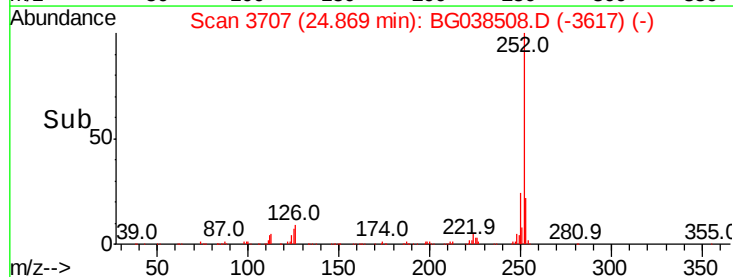
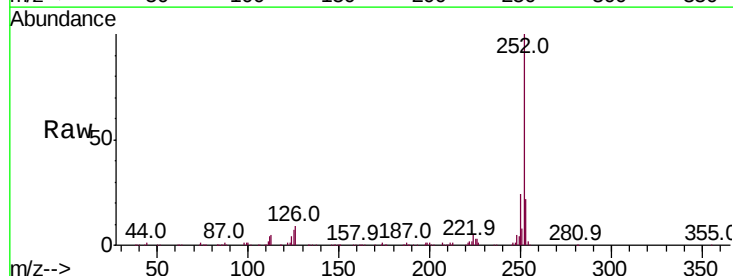
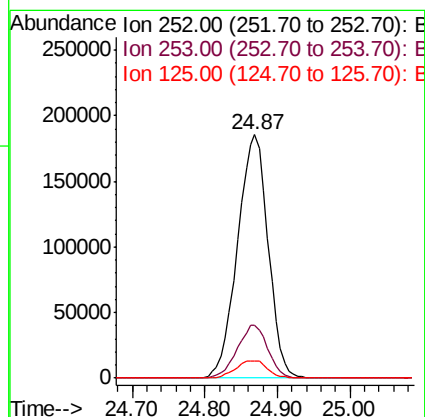
Manual Integrations
APPROVED

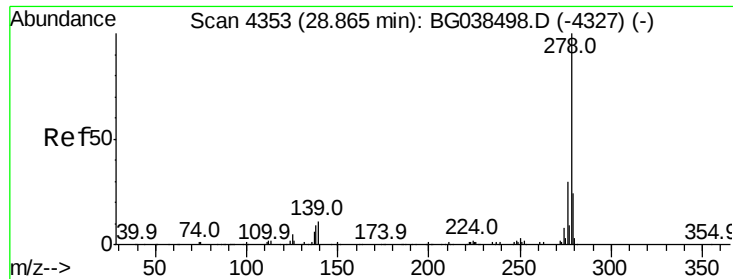
Sohil
12/13/2018 3:07:01 PM



#90
Benzo(a)pyrene
Concen: 51.734 ng
RT: 24.87 min Scan# 3707
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	7.0	6.4	9.6





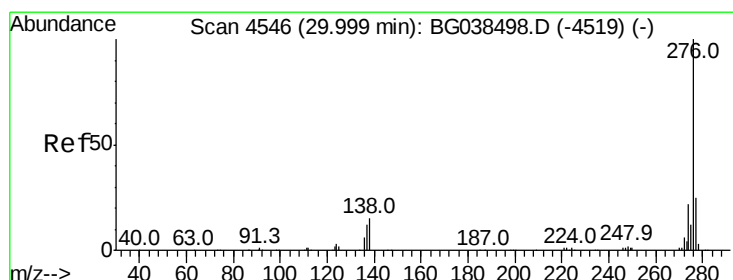
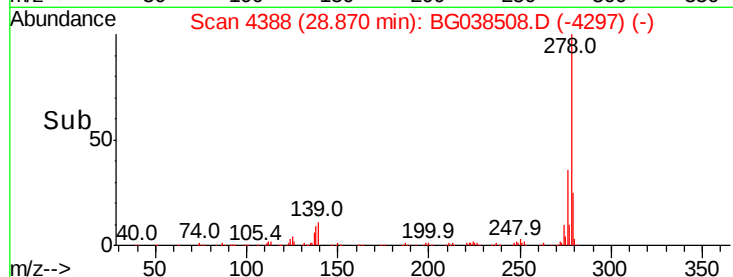
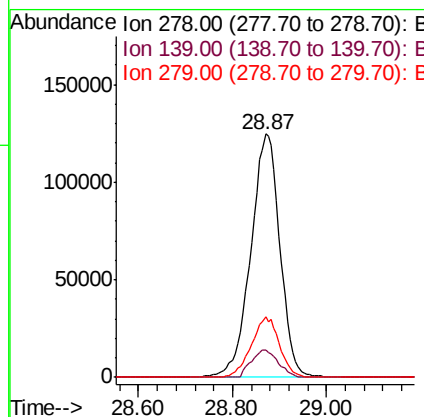
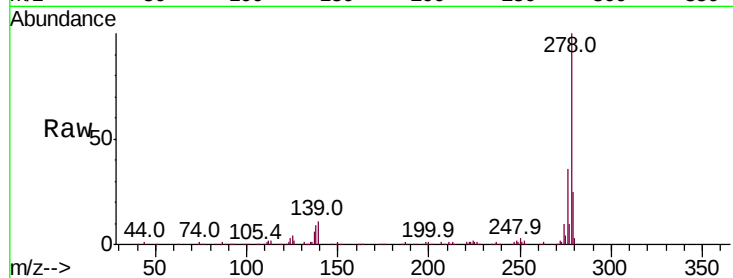
#91
Dibenzo(a,h)anthracene
Concen: 51.235 ng
RT: 28.87 min Scan# 4388
Delta R.T. 0.01 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.3	8.6	12.8
279	24.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/13/2018 3:07:01 PM



#92
Benzo(g,h,i)perylene
Concen: 51.528 ng
RT: 30.00 min Scan# 4580
Delta R.T. -0.00 min
Lab File: BG038508.D
Acq: 12 Dec 2018 21:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.8	29.8
138	14.7	11.8	17.6

