

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038552.D
 Acq On : 14 Dec 2018 3:54
 Operator : JU/SJ
 Sample : PB115587BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

Manual Integrations
 APPROVED

Sohil
 12/14/2018 12:56:39 PM

Quant Time: Dec 14 06:02:31 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	24233	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	98458	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	66605	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	172188	20.00	ng	0.00
76) Chrysene-d12	21.72	240	173676	20.00	ng	0.00
87) Perylene-d12	25.01	264	178753	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	181377	132.75	ng	0.00
7) Phenol-d6	7.22	99	240761	128.36	ng	0.00
23) Nitrobenzene-d5	9.24	82	123773	64.22	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	117863	128.40	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	294474	60.65	ng	0.00
79) Terphenyl-d14	20.04	244	600676	75.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	19317	30.378	ng	87
3) Pyridine	3.89	79	55052	31.445	ng	97
4) n-Nitrosodimethylamine	3.81	42	36097	42.080	ng	# 98
6) Aniline	7.39	93	81374	33.986	ng	97
8) 2-Chlorophenol	7.62	128	67930	42.964	ng	98
9) Benzaldehyde	7.20	77	27177	22.336	ng	97
10) Phenol	7.24	94	87193	43.757	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	60924	38.402	ng	96
12) 1,3-Dichlorobenzene	7.94	146	68292	36.530	ng	96
13) 1,4-Dichlorobenzene	8.09	146	70878	37.019	ng	97
14) 1,2-Dichlorobenzene	8.41	146	67555	37.426	ng	100
15) Benzyl Alcohol	8.30	79	62446	42.654	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	137419	37.812	ng	98
17) 2-Methylphenol	8.50	107	61386	45.980	ng	99
18) Hexachloroethane	9.14	117	25923	37.052	ng	99
19) n-Nitroso-di-n-propylamine	8.86	70	52747	40.040	ng	99
20) 3+4-Methylphenols	8.83	107	81513	44.210	ng	95
22) Acetophenone	8.89	105	101182	41.143	ng	# 99
24) Nitrobenzene	9.28	77	80999	41.545	ng	99
25) Isophorone	9.79	82	145921	42.141	ng	98
26) 2-Nitrophenol	9.99	139	38327	38.408	ng	98
27) 2,4-Dimethylphenol	10.04	122	69519	48.611	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	83860	42.914	ng	96
29) 2,4-Dichlorophenol	10.52	162	74685	46.942	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	75631	39.355	ng	98
31) Naphthalene	10.93	128	206476	42.563	ng	98
32) Benzoic acid	10.18	122	26099	32.811	ng	89
33) 4-Chloroaniline	11.05	127	43446	20.628	ng	95
34) Hexachlorobutadiene	11.19	225	49278	37.896	ng	93
35) Caprolactam	11.82	113	26142m	39.704	ng	
36) 4-Chloro-3-methylphenol	12.15	107	77463	42.666	ng	92
37) 2-Methylnaphthalene	12.53	142	157012	45.368	ng	98
38) 1-Methylnaphthalene	12.74	142	149150	44.412	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	91692	36.829	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	117191	85.678	nq	94
43) 2,4,6-Trichlorophenol	13.13	196	63782	41.666	nq	99
44) 2,4,5-Trichlorophenol	13.20	196	67421	41.598	nq	97
46) 1,1'-Biphenyl	13.53	154	204139	36.560	nq	100
47) 2-Chloronaphthalene	13.58	162	165574	38.389	nq	98
48) 2-Nitroaniline	13.79	65	56633	41.223	nq	96
49) Acenaphthylene	14.42	152	270566	41.962	nq	99
50) Dimethylphthalate	14.15	163	223317	41.057	nq	99
51) 2,6-Dinitrotoluene	14.28	165	50608	41.057	nq	95
52) Acenaphthene	14.76	154	154896	40.174	nq	96
53) 3-Nitroaniline	14.61	138	35898	28.570	nq	98
54) 2,4-Dinitrophenol	14.82	184	58841	80.215	nq	96
55) Dibenzofuran	15.09	168	261185	39.519	nq	97
56) 4-Nitrophenol	14.91	139	82003	86.028	nq	94
57) 2,4-Dinitrotoluene	15.07	165	73601	42.395	nq	97
58) Fluorene	15.74	166	212575	43.413	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	63911	43.829	nq	98
60) Diethylphthalate	15.50	149	232985	39.019	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	117902	38.592	nq	96
62) 4-Nitroaniline	15.78	138	55367	42.801	nq	99
63) Azobenzene	16.02	77	203180	40.733	nq	99
65) 4,6-Dinitro-2-methylphenol	15.82	198	44843	36.508	nq	96
66) n-Nitrosodiphenylamine	15.95	169	196140	38.769	nq	97
67) 4-Bromophenyl-phenylether	16.62	248	78637	37.394	nq	93
68) Hexachlorobenzene	16.74	284	83278	38.203	nq	96
69) Atrazine	16.89	200	82415	43.895	nq	97
70) Pentachlorophenol	17.09	266	94542	73.323	nq	98
71) Phenanthrene	17.49	178	378830	42.427	nq	99
72) Anthracene	17.58	178	385914	43.780	nq	99
73) Carbazole	17.85	167	348557	39.983	nq	98
74) Di-n-butylphthalate	18.38	149	423212	42.308	nq	99
75) Fluoranthene	19.49	202	484737	43.877	nq	98
77) Benzidine	19.68	184	206803	40.263	nq	99
78) Pyrene	19.85	202	474461	41.353	nq	100
80) Butylbenzylphthalate	20.72	149	185925	41.477	nq	99
81) Benzo(a)anthracene	21.70	228	458095	43.286	nq	99
82) 3,3'-Dichlorobenzidine	21.62	252	117420	27.976	nq	98
83) Chrysene	21.77	228	425900	41.782	nq	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	258137	40.603	nq	99
85) Di-n-octyl phthalate	22.80	149	443677	41.671	nq	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	524108	43.734	nq	# 99
88) Benzo(b)fluoranthene	23.96	252	460552	46.927	nq	98
89) Benzo(k)fluoranthene	24.03	252	436513	44.666	nq	97
90) Benzo(a)pyrene	24.86	252	443211	46.810	nq	98
91) Dibenzo(a,h)anthracene	28.87	278	434356	46.074	nq	99
92) Benzo(g,h,i)perylene	29.98	276	430890	46.379	nq	96

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



#1

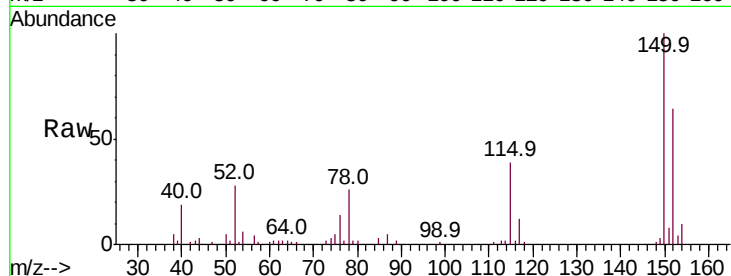
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	119.5	179.3
115	60.6	49.6	74.4

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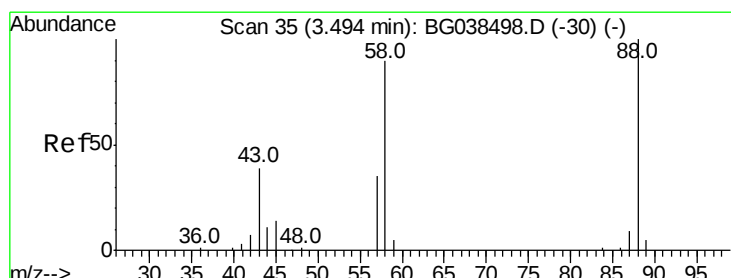
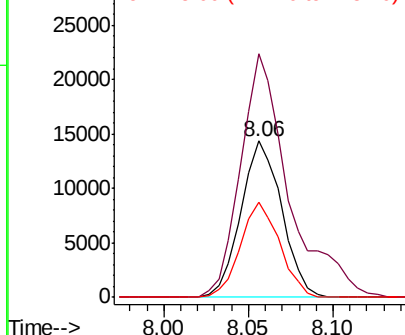
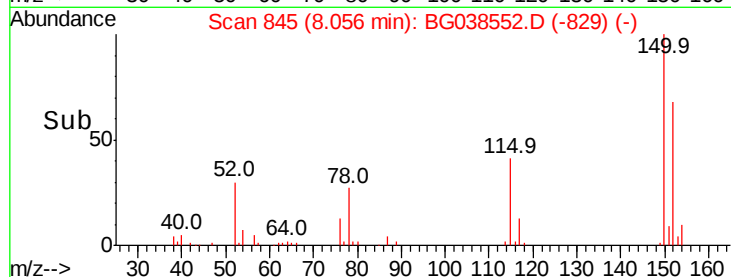


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

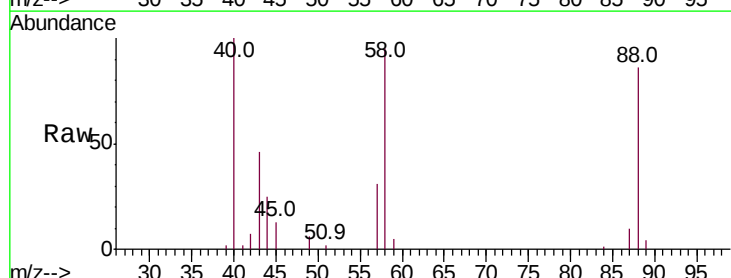
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.378 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	107.3	75.7	113.5
43	46.5	31.6	47.4

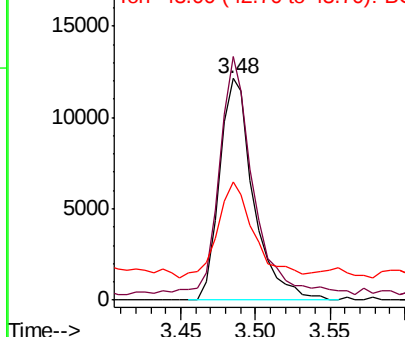
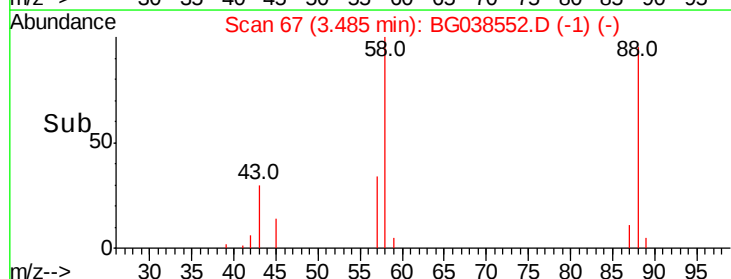


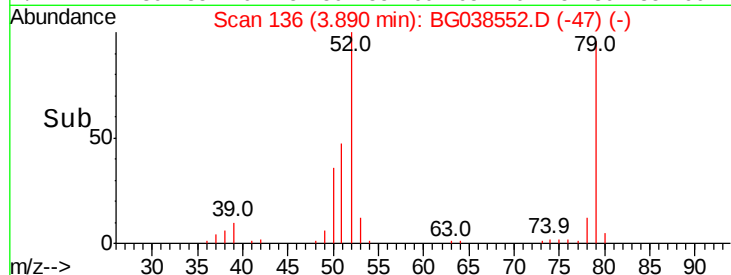
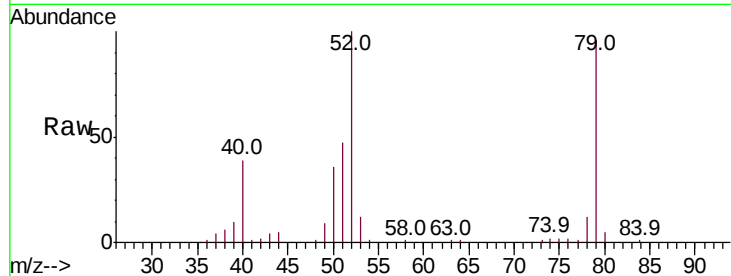
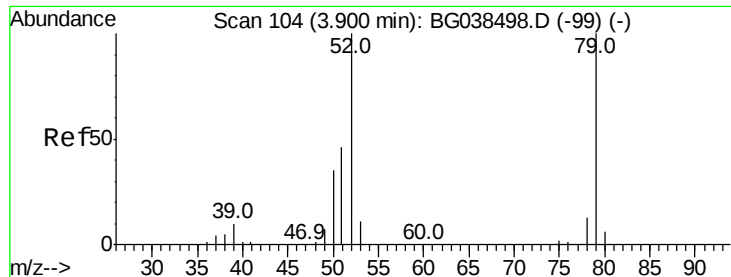
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





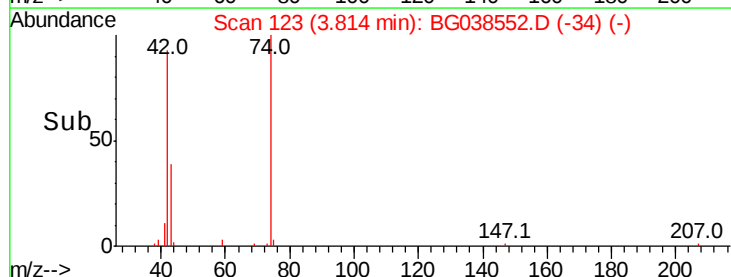
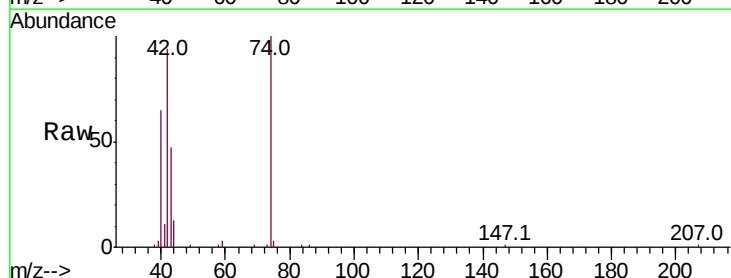
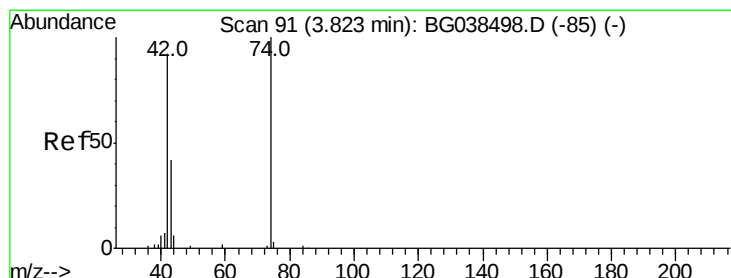
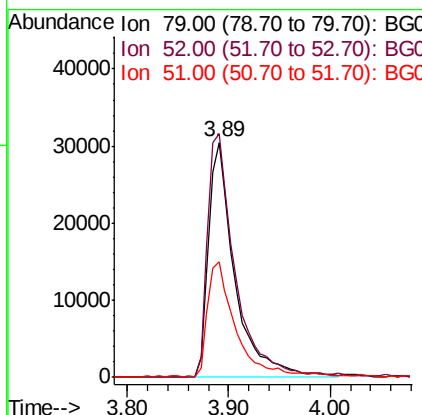
#3
Pvridine
Concen: 31.445 ng
RT: 3.89 min Scan# 136
Delta R.T. -0.01 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tot Ion	Ratio	Lower	Upper
79	100		
52	103.7	80.2	120.2
51	49.2	38.0	57.0

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PB115587BS

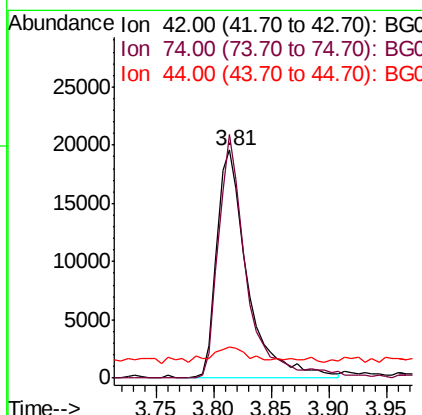
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#4
n-Nitrosodimethylamine
Concen: 42.080 ng
RT: 3.81 min Scan# 123
Delta R.T. -0.01 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	106.8	86.7	130.1
44	13.7	7.8	11.8#





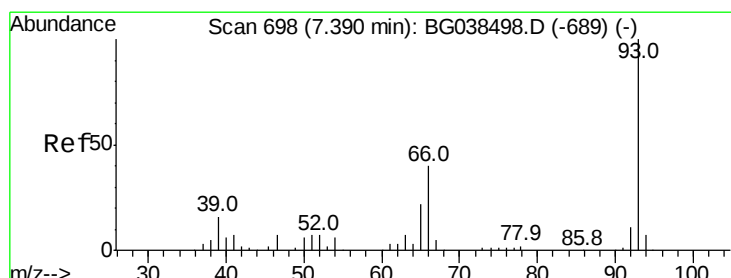
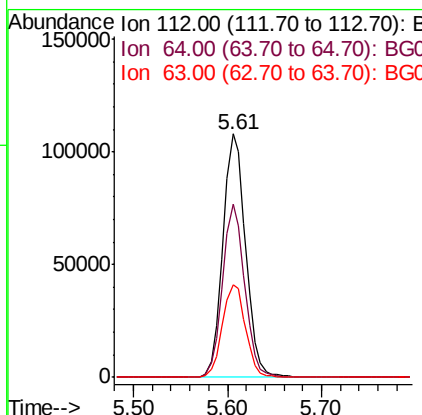
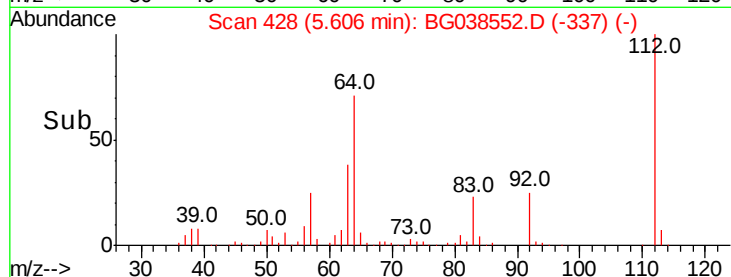
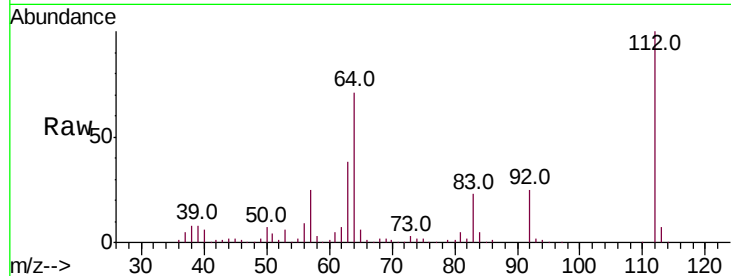
#5
2-Fluorophenol
Concen: 132.753 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion:	112	Resp:	181377
Ion Ratio	Lower	Upper	
112	100		
64	71.3	53.4	80.2
63	37.8	29.3	43.9

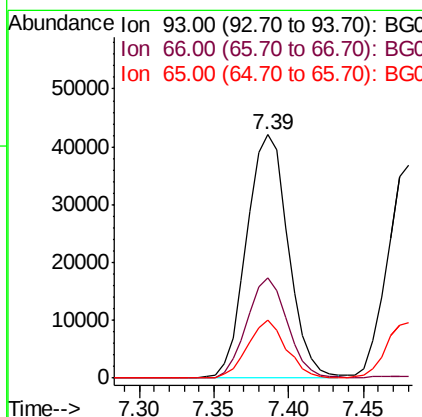
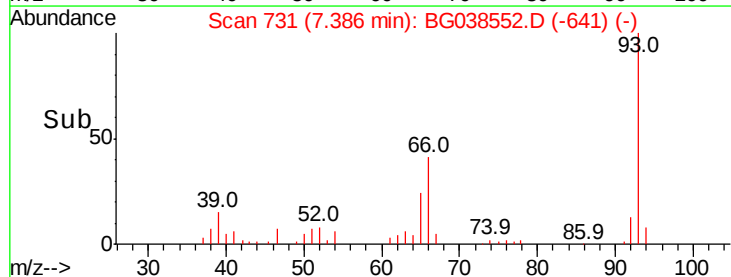
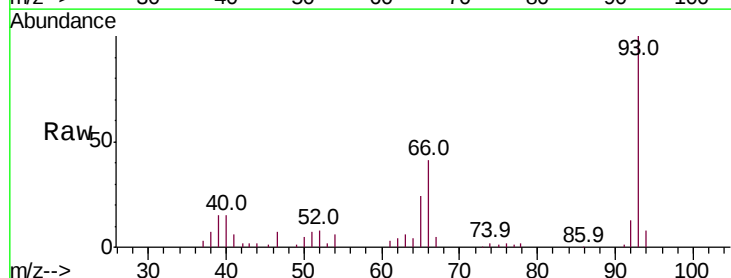
Manual Integrations
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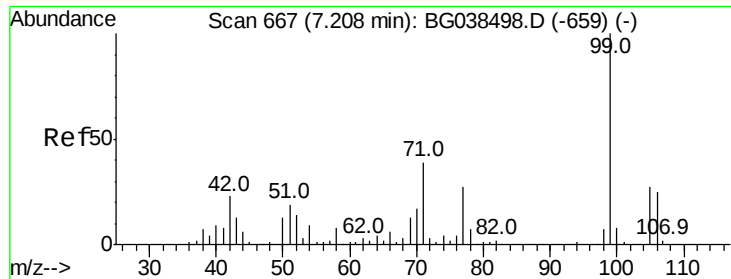
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#6
Aniline
Concen: 33.986 ng
RT: 7.39 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion:	93	Resp:	81374
Ion Ratio	Lower	Upper	
93	100		
66	41.0	31.7	47.5
65	23.8	17.8	26.6





#7

Phenol-d6

Concen: 128.362 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

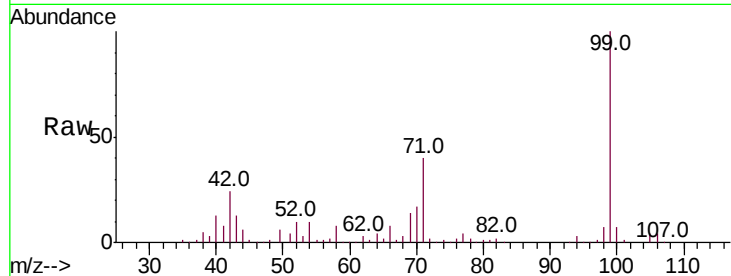
ClientSampleId :

PB115587BS

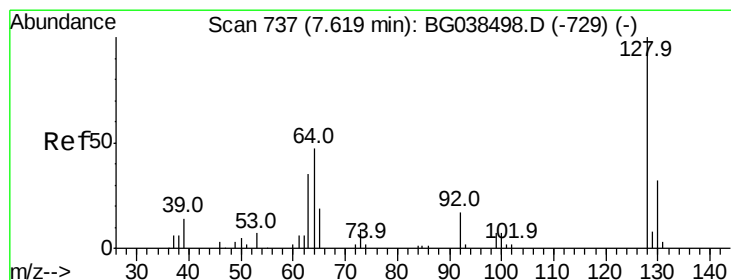
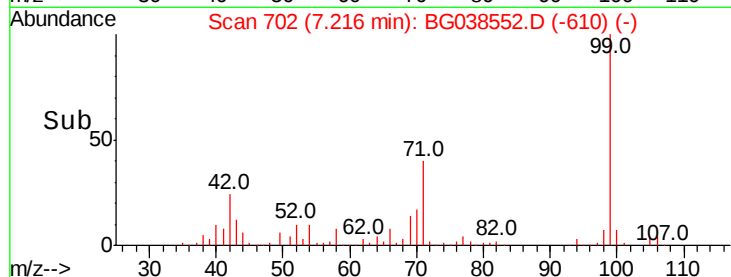
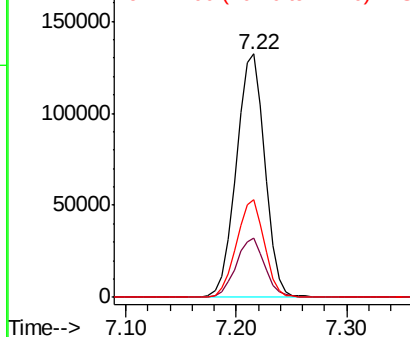
Tot Ion:	99	Resp:	240761
Ion Ratio	Lower	Upper	
99	100		
42	24.4	18.5	27.7
71	40.1	31.1	46.7

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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: 42.964 ng

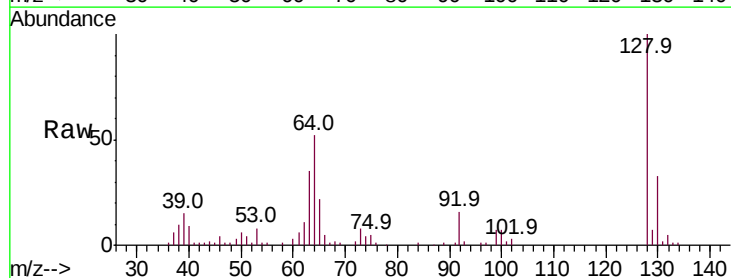
RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

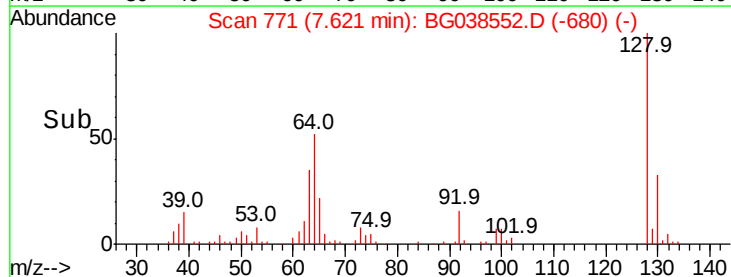
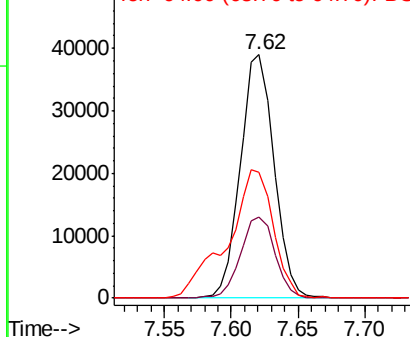
Lab File: BG038552.D

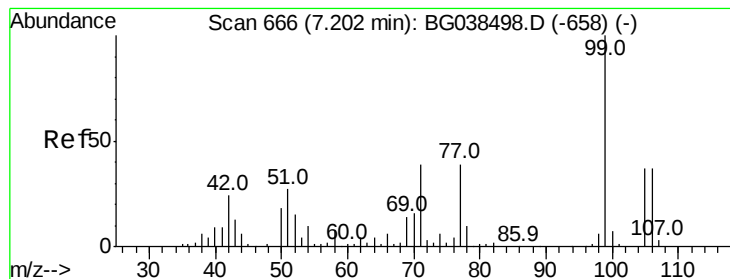
Acq: 14 Dec 2018 3:54

Tgt Ion:	128	Resp:	67930
Ion Ratio	Lower	Upper	
128	100		
130	33.2	11.8	51.8
64	51.8	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: 22.336 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

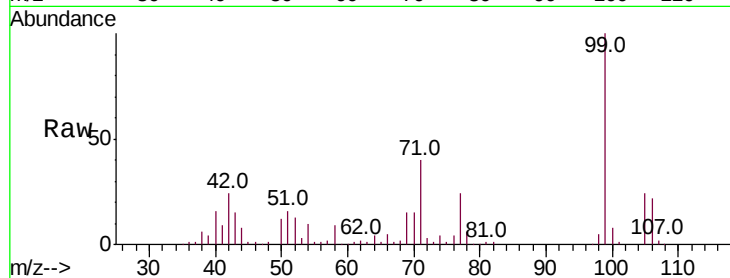
ClientSampleId :

PB115587BS

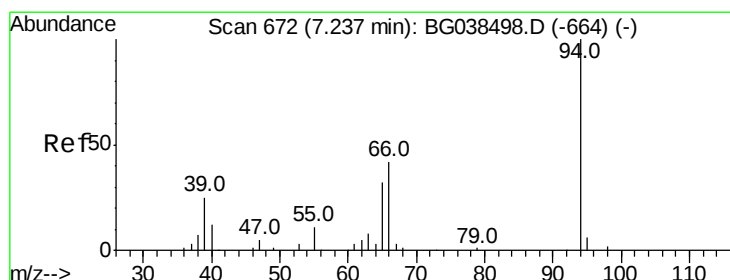
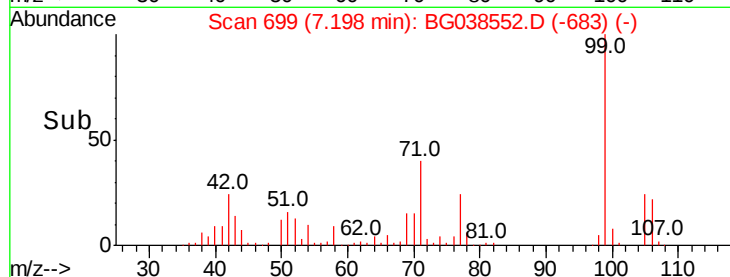
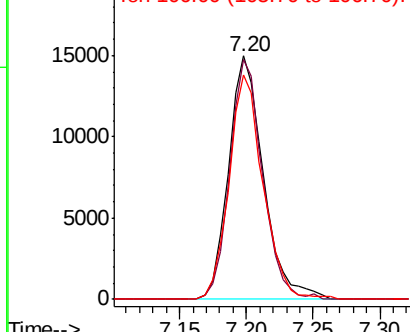
Tot Ion:	77	Resp:	27177
Ion Ratio	Lower	Upper	
77	100		
105	98.3	74.0	114.0
106	92.0	73.9	113.9

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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: 43.757 ng

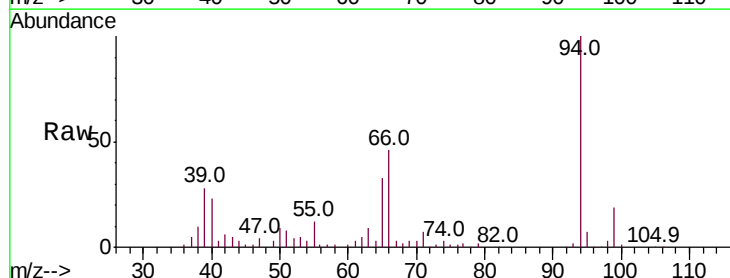
RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

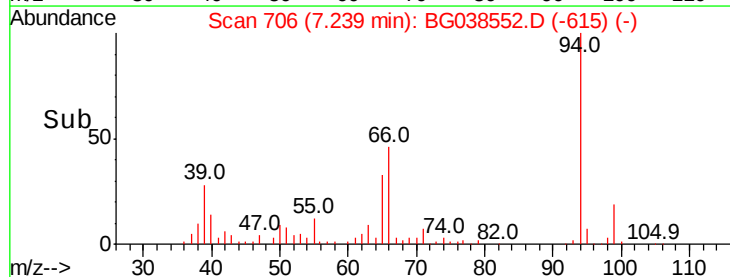
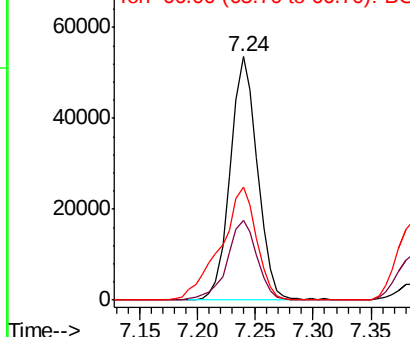
Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Tgt Ion:	94	Resp:	87193
Ion Ratio	Lower	Upper	
94	100		
65	33.0	12.6	52.6
66	46.2	24.1	64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





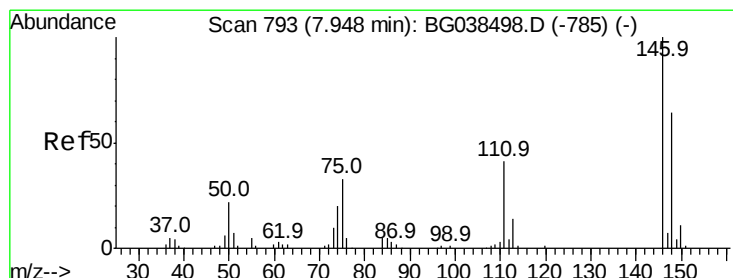
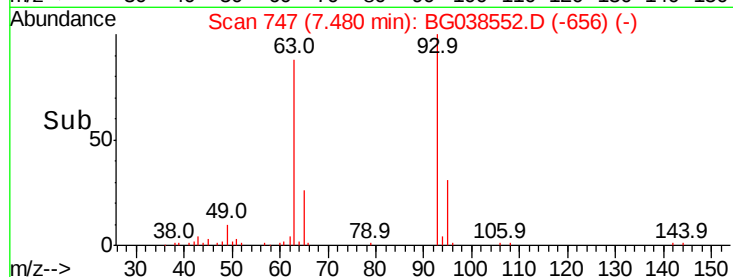
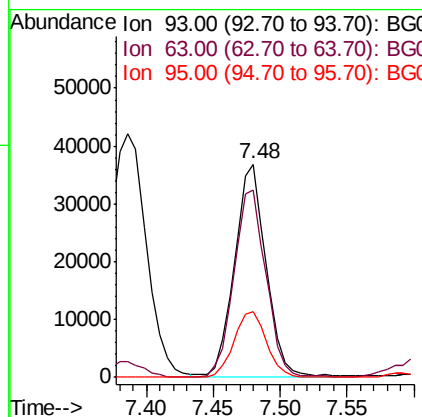
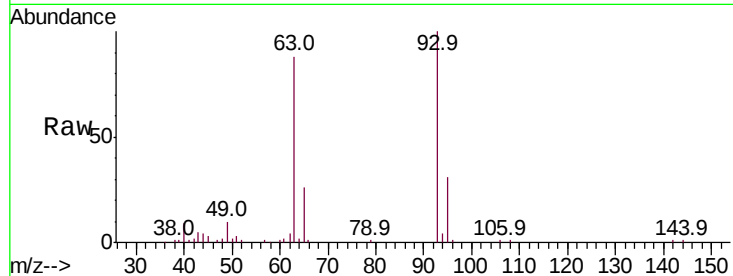
#11
bis(2-Chloroethyl)ether
Concen: 38.402 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.6	72.2	112.2
95	31.1	11.2	51.2

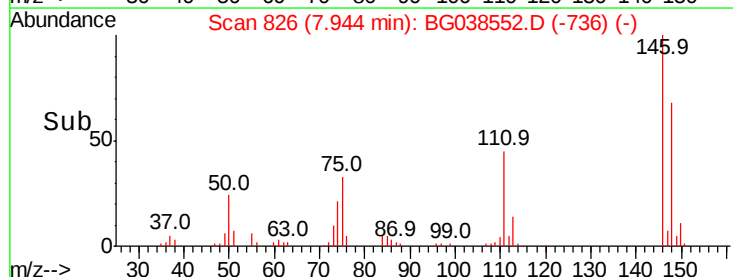
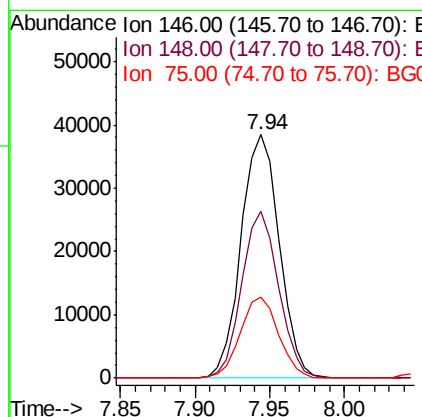
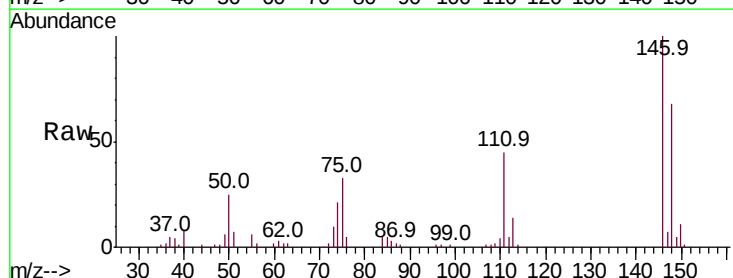
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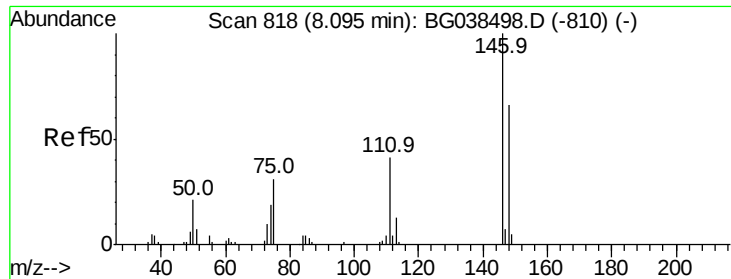
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.530 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.5	51.4	77.0
75	33.1	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 37.019 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

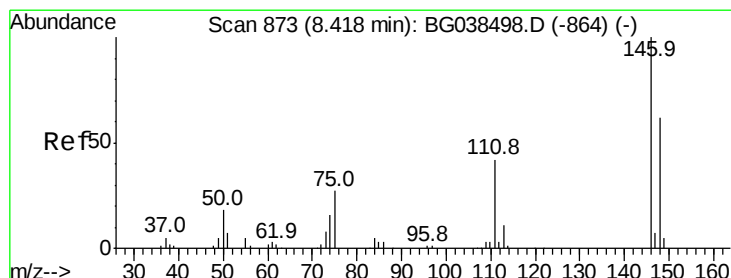
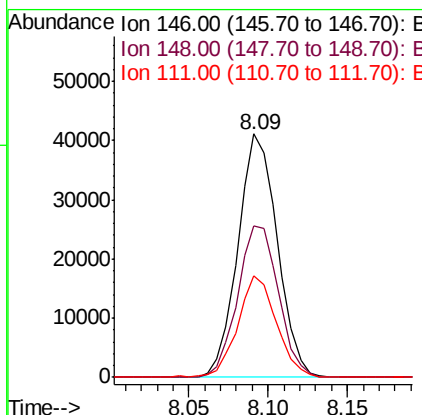
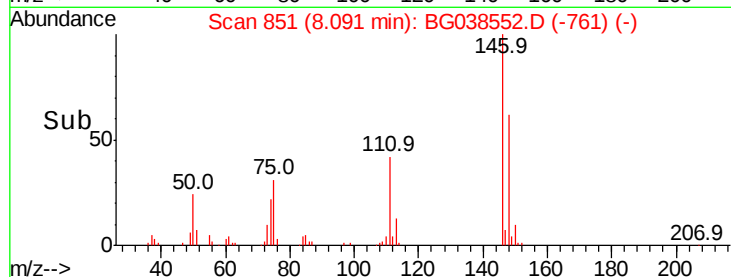
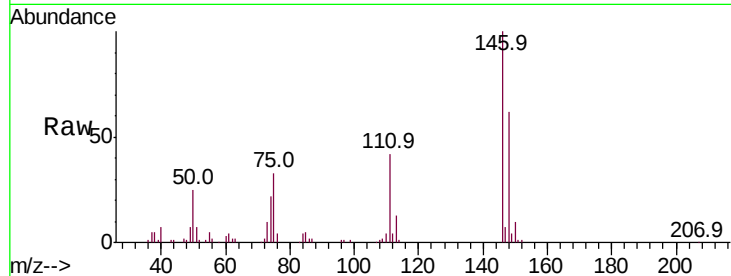
ClientSampleId :

PB115587BS

Tot Ion:	146	Resp:	70878
Ion Ratio	Lower	Upper	
146	100		
148	62.4	52.4	78.6
111	41.6	33.0	49.4

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#14

1,2-Dichlorobenzene

Concen: 37.426 ng

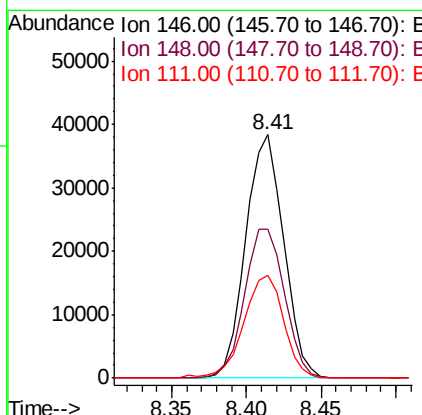
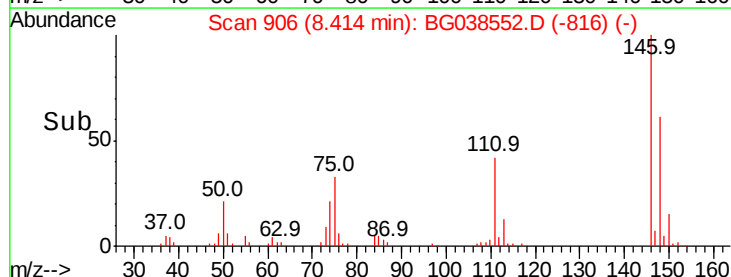
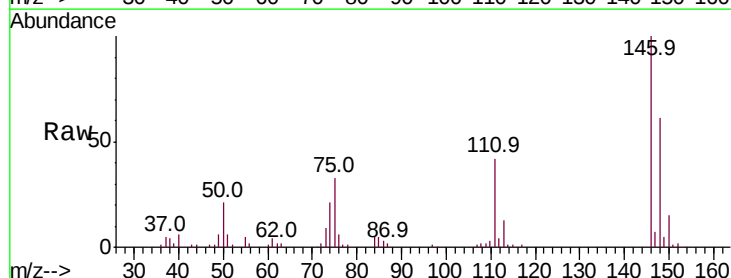
RT: 8.41 min Scan# 906

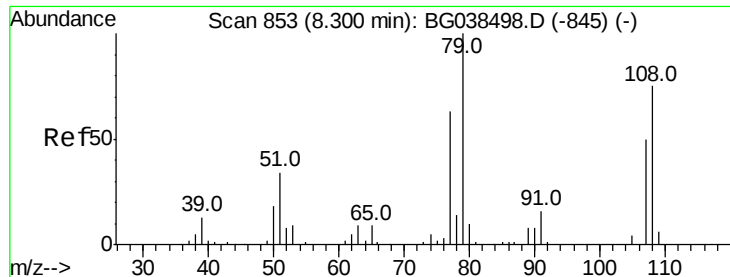
Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Tgt Ion:	146	Resp:	67555
Ion Ratio	Lower	Upper	
146	100		
148	61.3	49.4	74.0
111	42.0	33.8	50.6





#15

Benzyl Alcohol

Concen: 42.654 ng

RT: 8.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

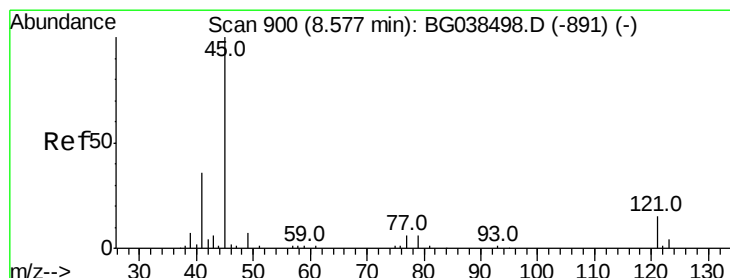
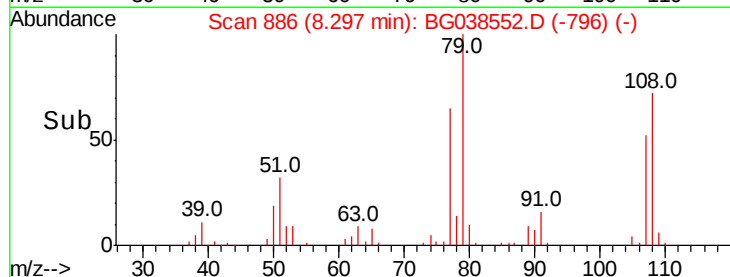
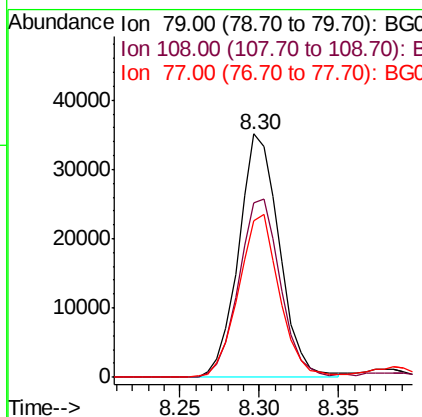
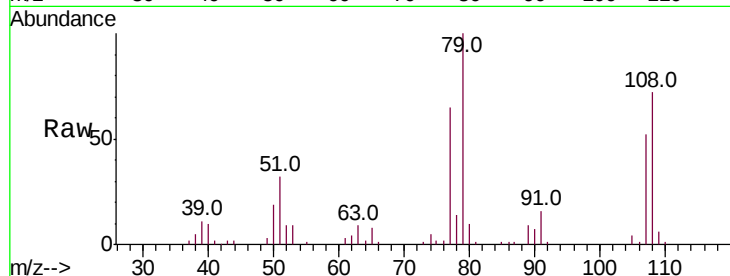
ClientSampleId :

PB115587BS

Tot Ion:	79	Resp:	62446
Ion Ratio	Lower	Upper	
79	100		
108	71.8	60.2	90.4
77	64.6	50.7	76.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.812 ng

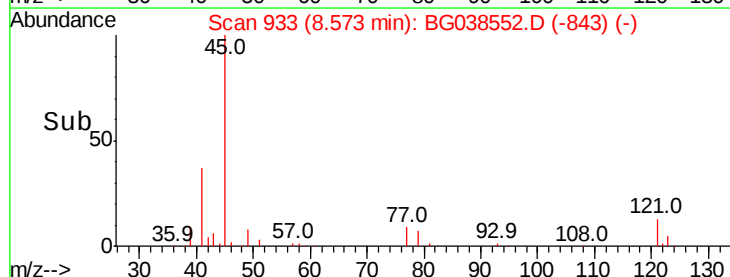
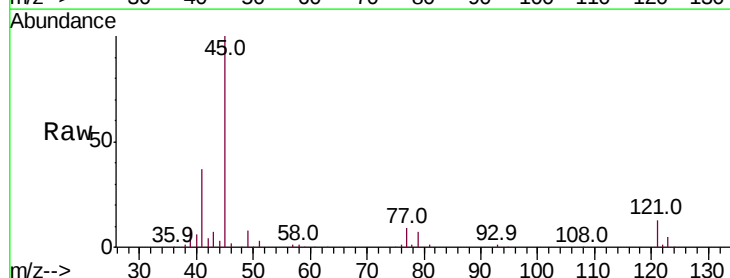
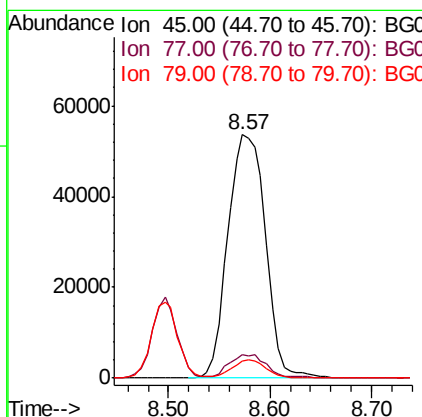
RT: 8.57 min Scan# 933

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Tgt Ion:	45	Resp:	137419
Ion Ratio	Lower	Upper	
45	100		
77	9.4	0.0	28.2
79	7.1	0.0	27.2





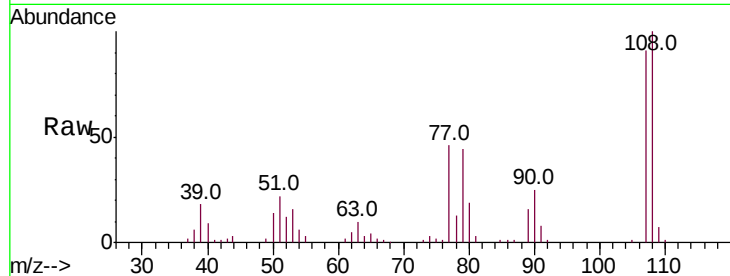
#17
2-Methylphenol
Concen: 45.980 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	61386		
108	108.00	109.5		87.1	130.7
77	77.00	50.8		42.0	63.0
79	79.00	47.7		38.2	57.2

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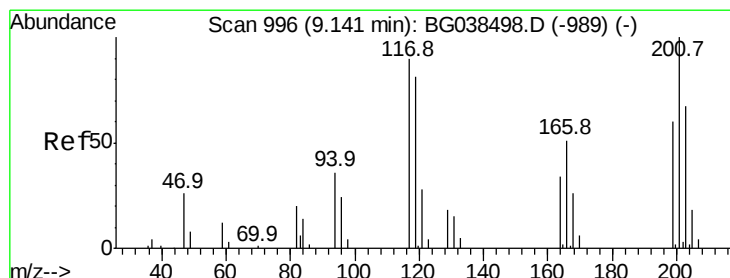
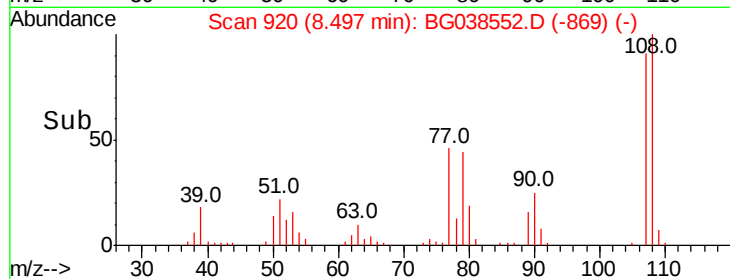
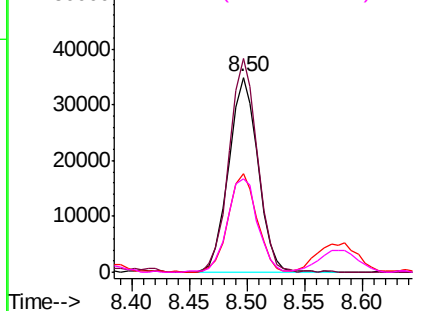
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.052 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

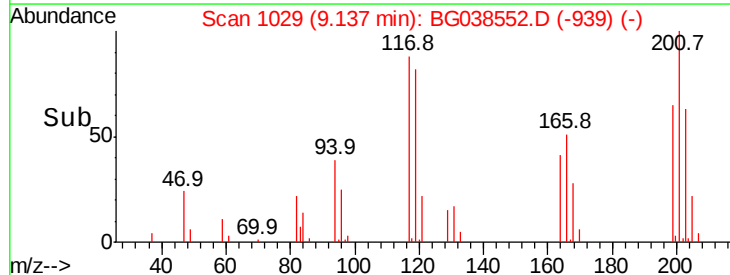
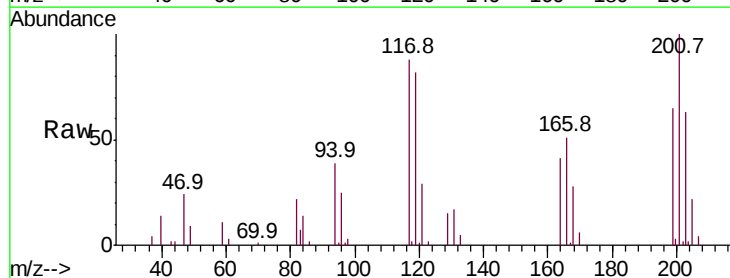
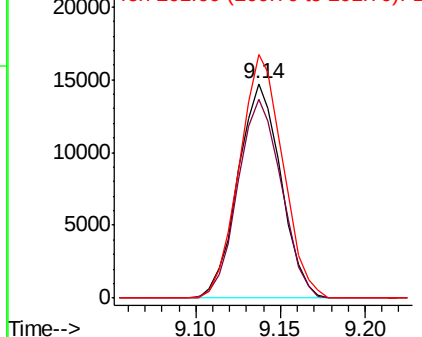
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	25923		
119	119.00	92.9		73.8	110.8
201	201.00	113.6		89.4	134.0

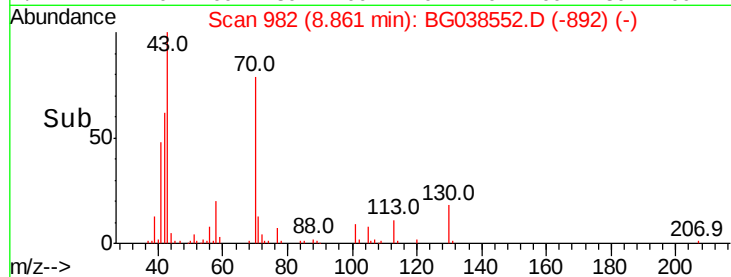
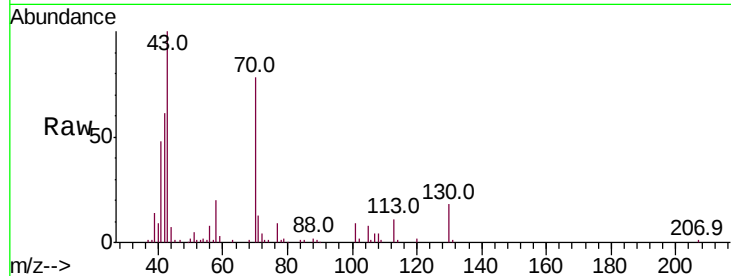
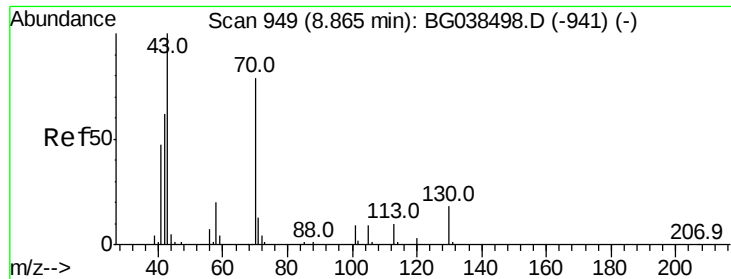
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





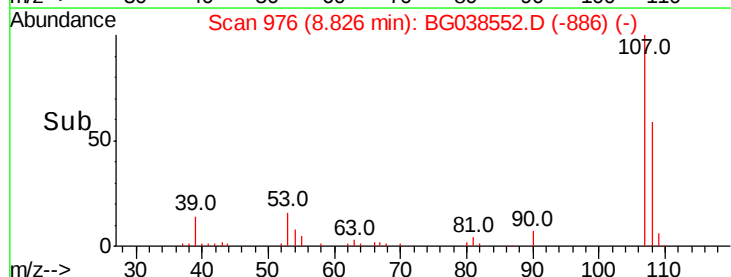
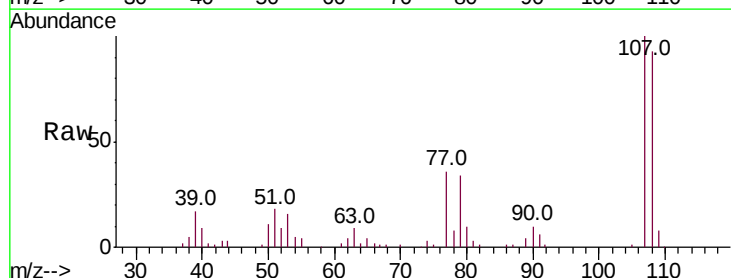
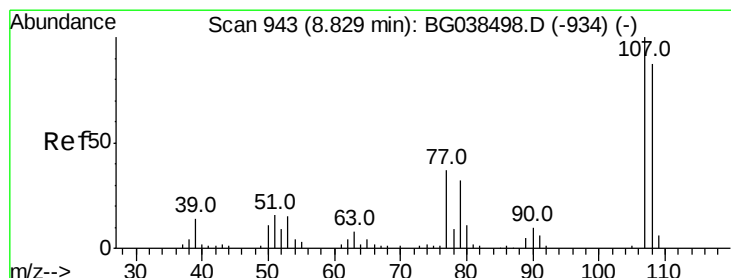
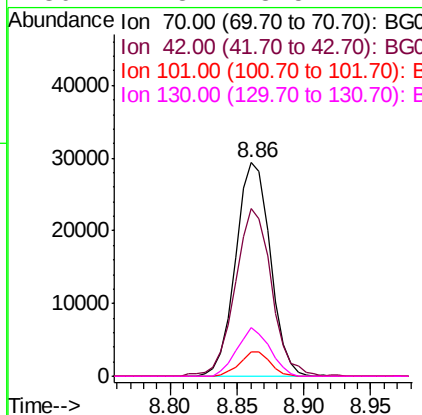
#19
n-Nitroso-di-n-propylamine
Concen: 40.040 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion	Ion	Ratio	Lower	Upper
52747	70	100		
	42	78.6	63.6	95.4
	101	11.2	9.2	13.8
	130	22.8	18.5	27.7

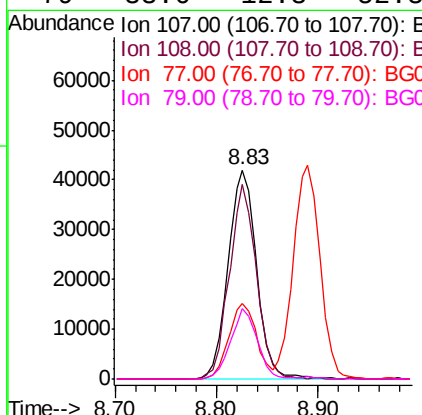
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#20
3+4-Methylphenols
Concen: 44.210 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion	Ion	Ratio	Lower	Upper
81513	107	100		
	108	93.1	66.7	106.7
	77	36.2	17.3	57.3
	79	33.6	12.3	52.3





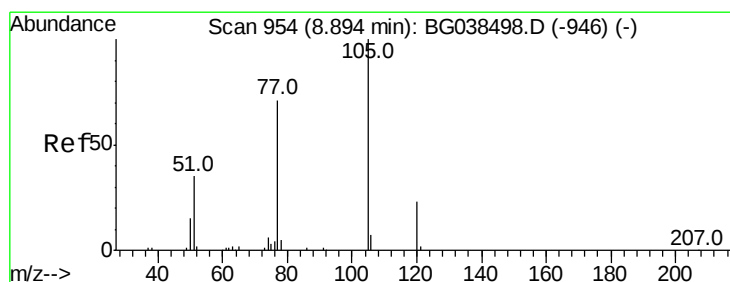
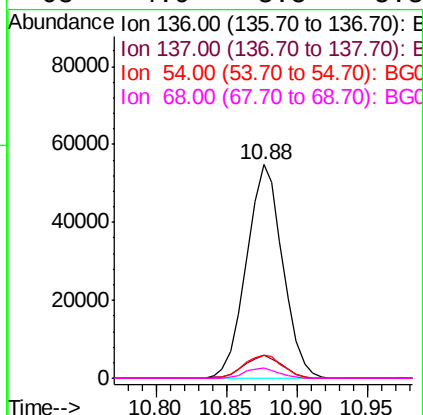
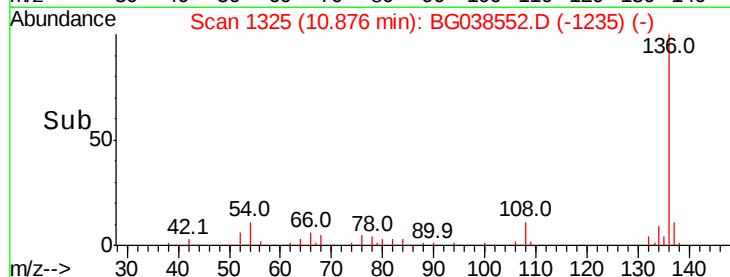
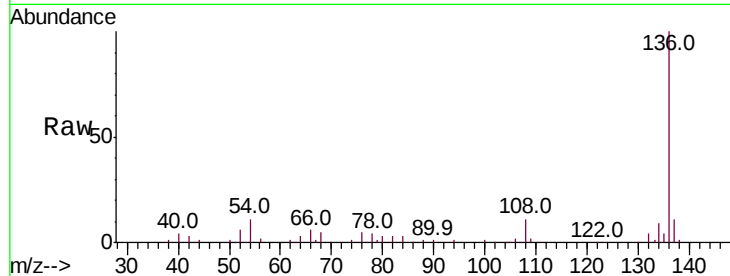
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.3	13.9	
54	11.0	8.5	12.7	
68	4.9	3.5	5.3	

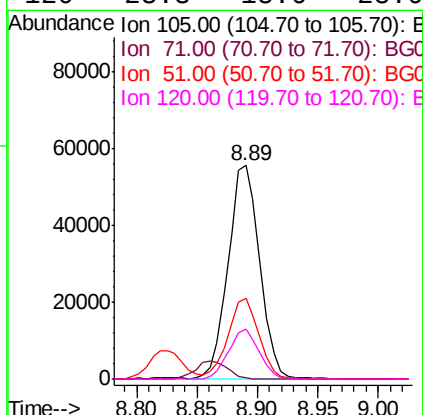
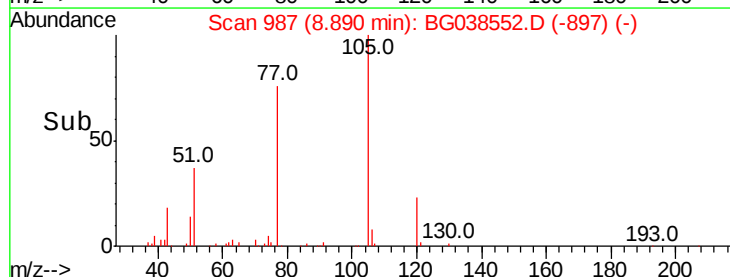
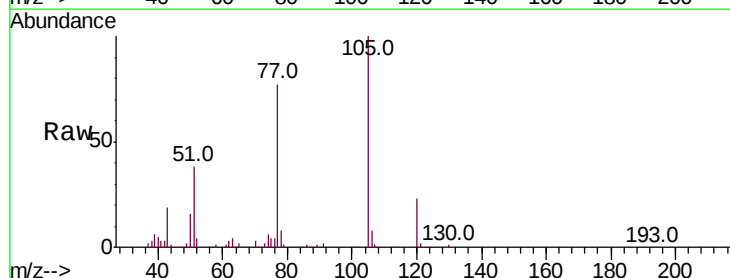
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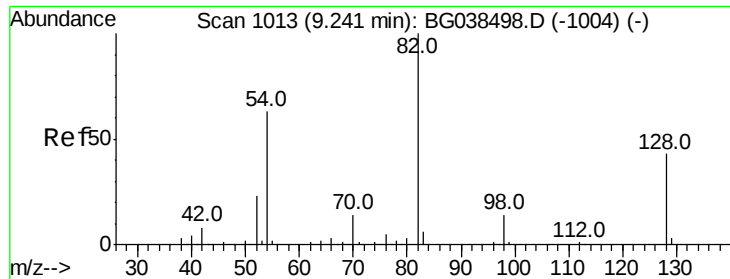
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#22
Acetophenone
Concen: 41.143 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.3	0.4	0.6#	
51	37.8	30.6	46.0	
120	23.3	18.6	28.0	





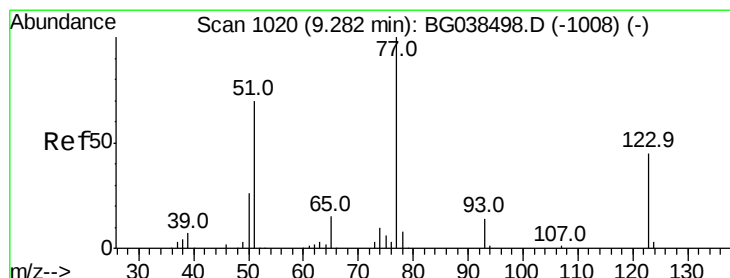
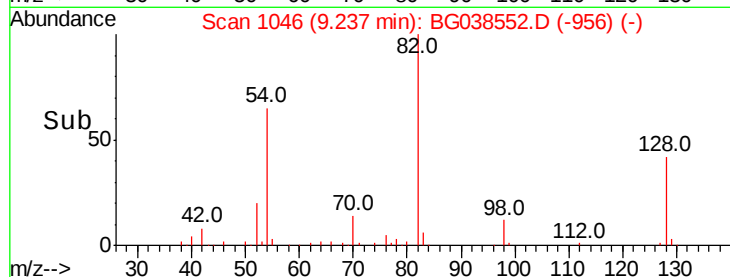
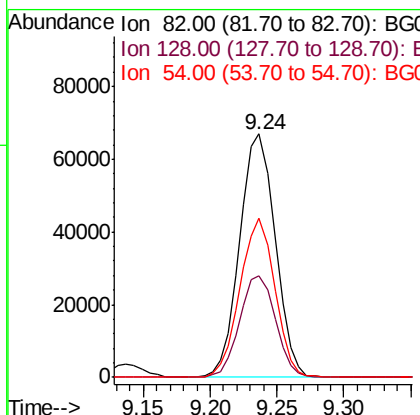
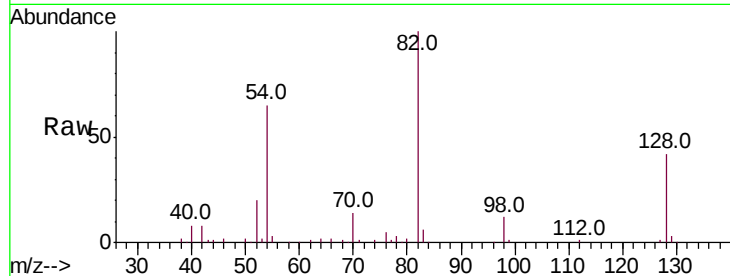
#23
Nitrobenzene-d5
Concen: 64.222 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	52.0
54	65.1	50.6	76.0

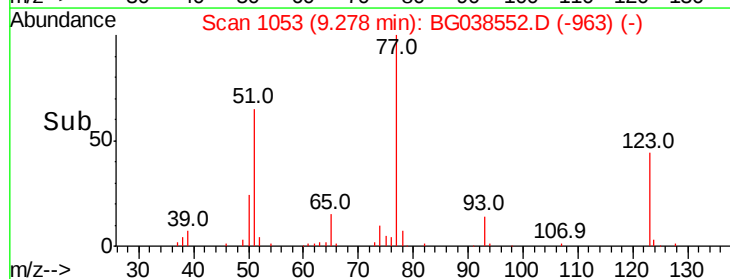
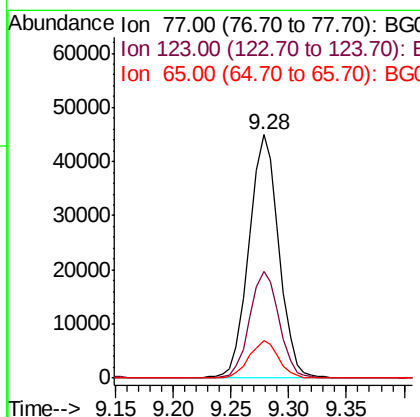
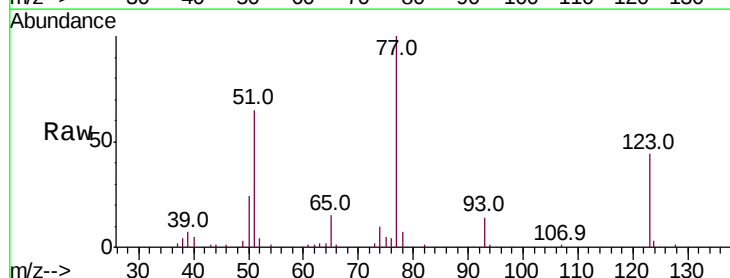
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#24
Nitrobenzene
Concen: 41.545 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.0	35.9	53.9
65	15.2	12.0	18.0





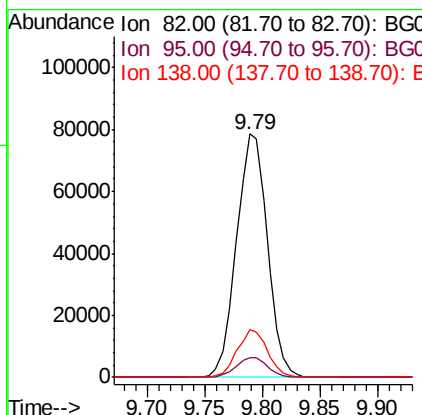
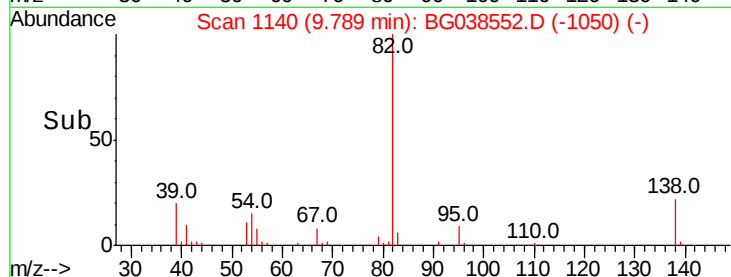
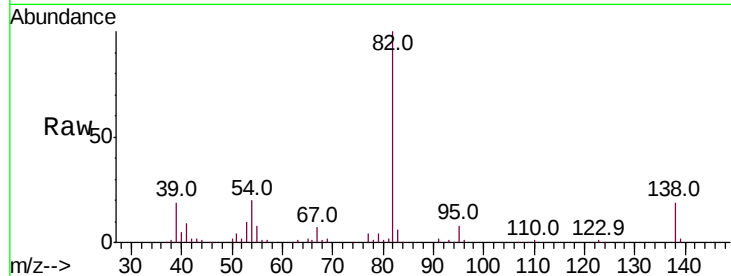
#25
Isophorone
Concen: 42.141 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	8.0	6.1	9.1
138	19.4	14.9	22.3

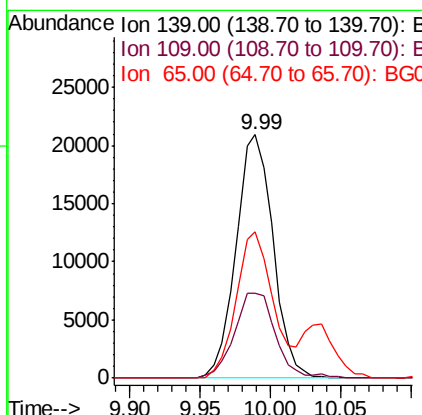
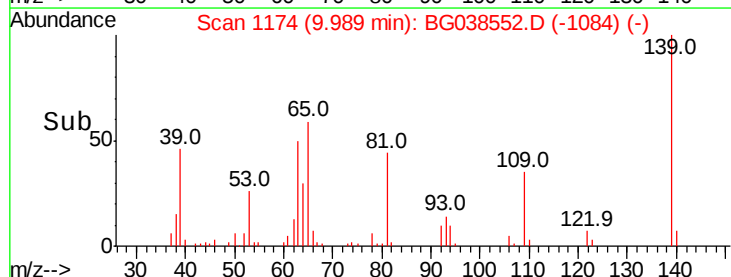
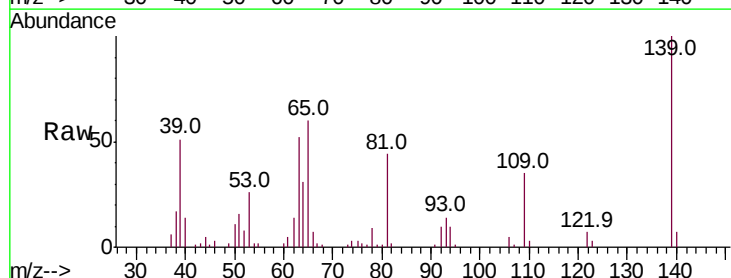
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#26
2-Nitrophenol
Concen: 38.408 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	35.0	29.5	44.3
65	59.9	48.5	72.7





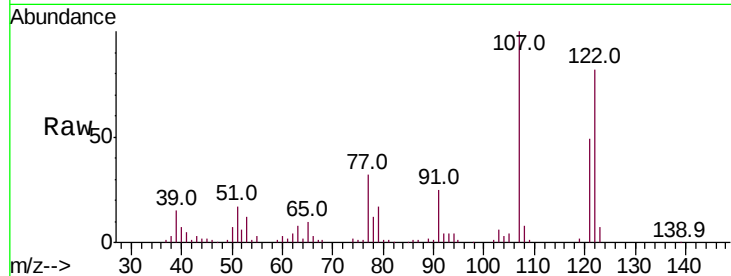
#27
2,4-Dimethylphenol
Concen: 48.611 ng
RT: 10.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.4	98.4	147.6
121	59.7	47.2	70.8

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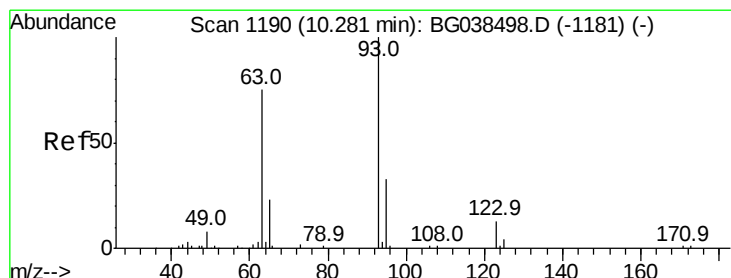
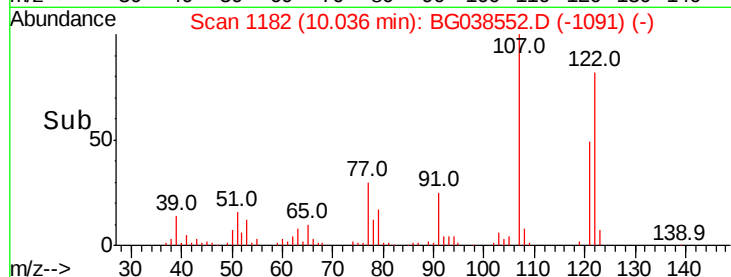
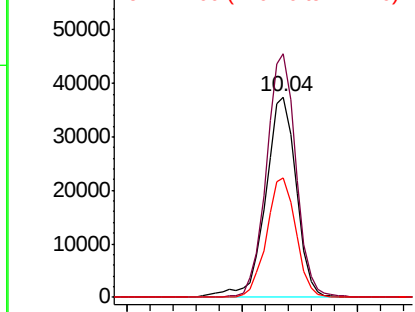


Abundance

Ion 122.00 (121.70 to 122.70): E

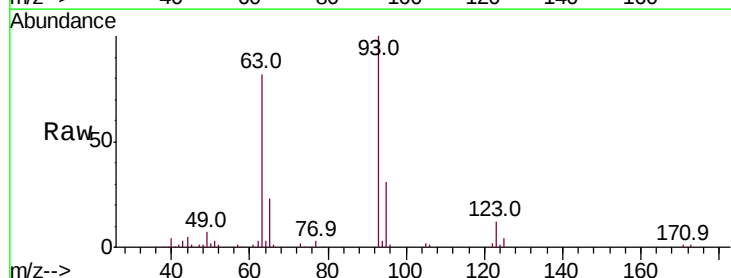
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 42.914 ng
RT: 10.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	26.6	40.0
123	12.3	10.6	16.0

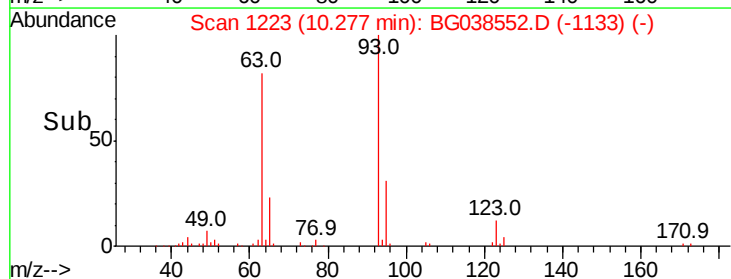
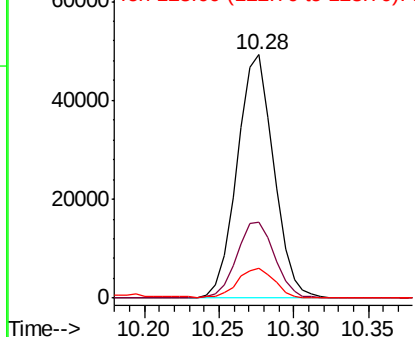


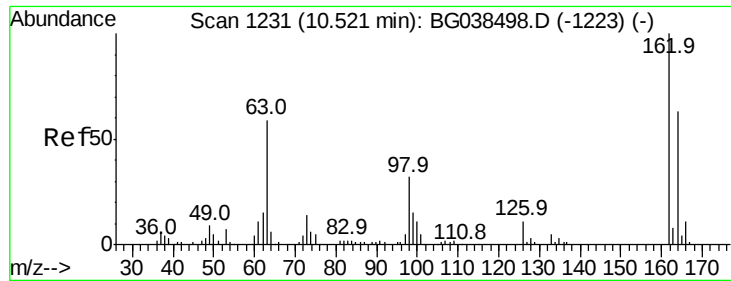
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





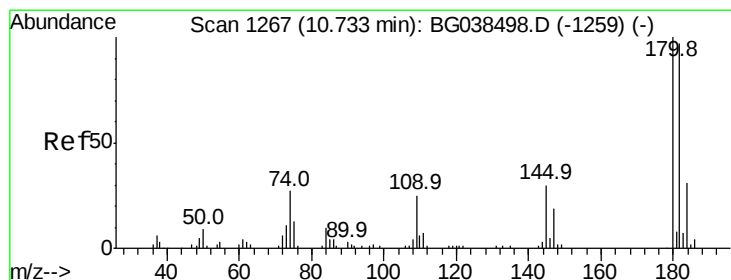
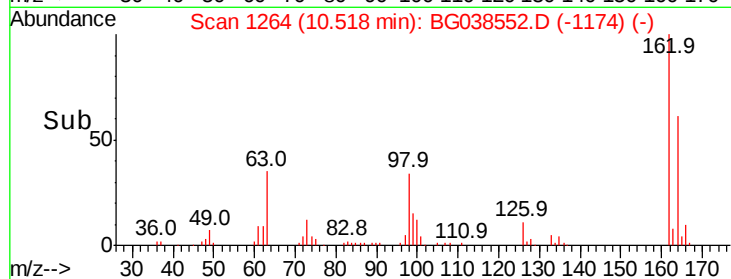
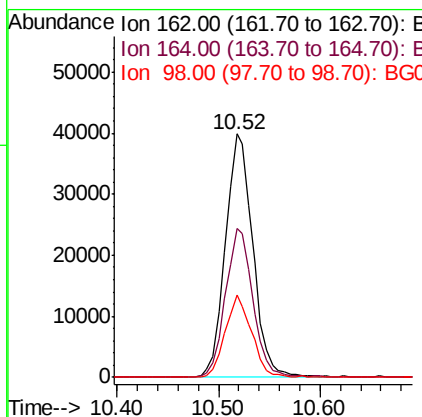
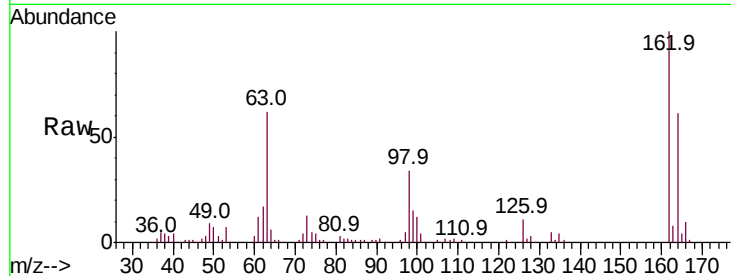
#29
 2,4-Dichlorophenol
 Concen: 46.942 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	61.1	42.9	82.9
98	33.7	12.1	52.1

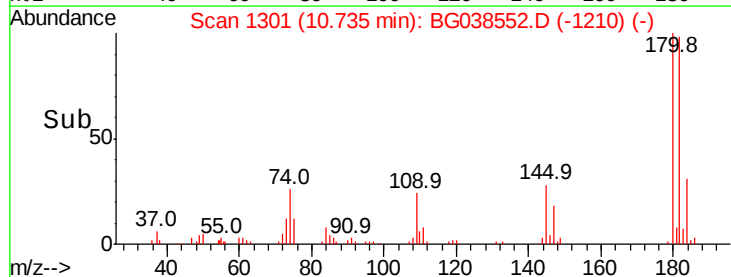
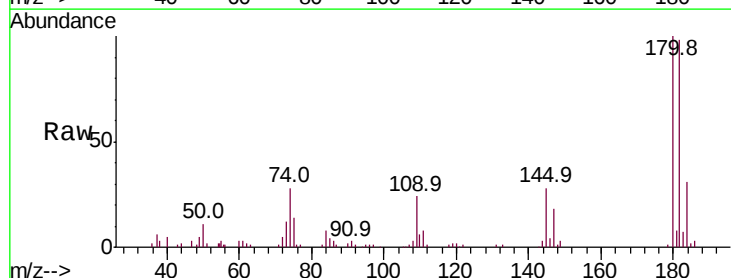
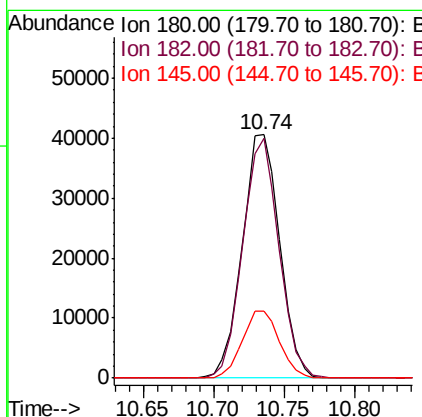
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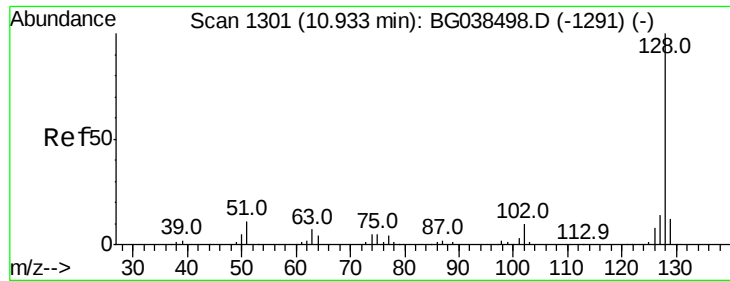
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.355 ng
 RT: 10.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	98.2	77.4	116.0
145	27.6	24.1	36.1





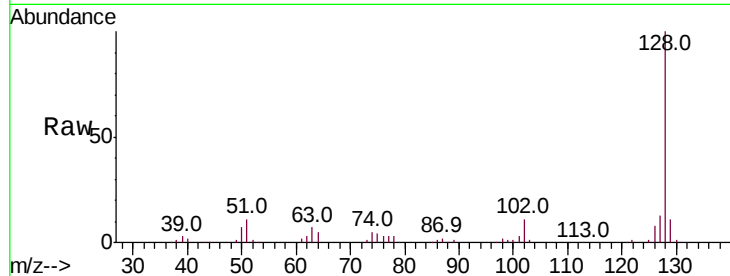
#31
Naphthalene
Concen: 42.563 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.5	14.3
127	12.9	10.9	16.3

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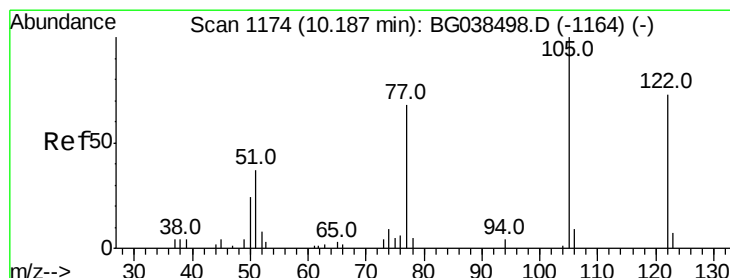
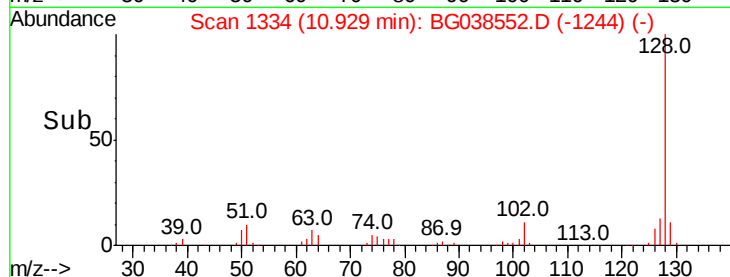
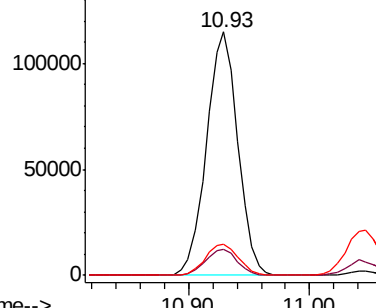


Abundance

Ion 128.00 (127.70 to 128.70): E

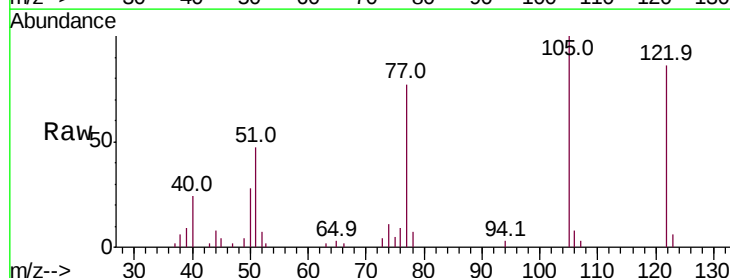
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 32.811 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.9	116.7	156.7
77	90.1	72.5	112.5

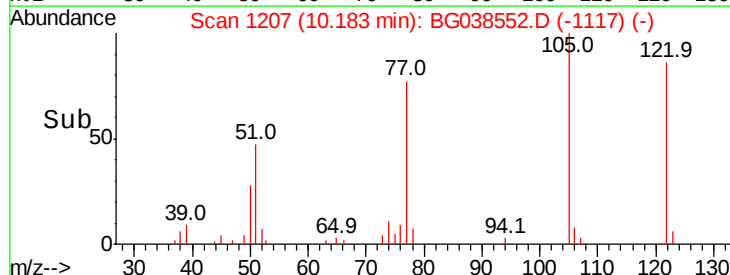
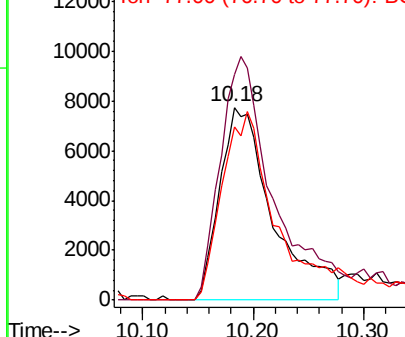


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





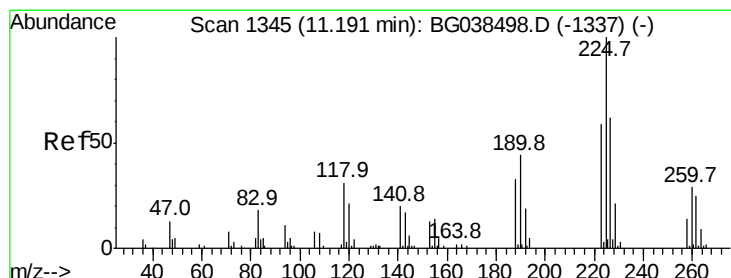
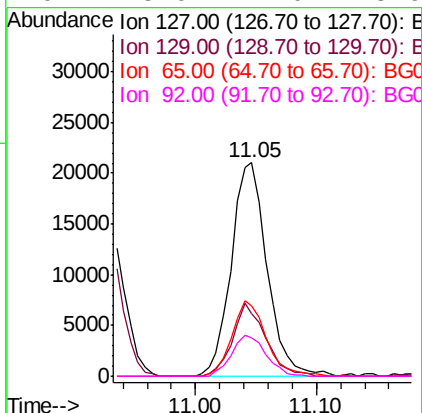
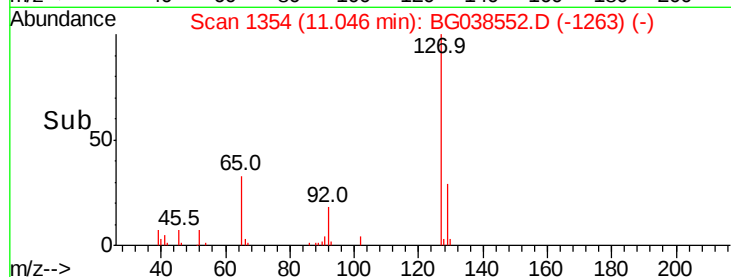
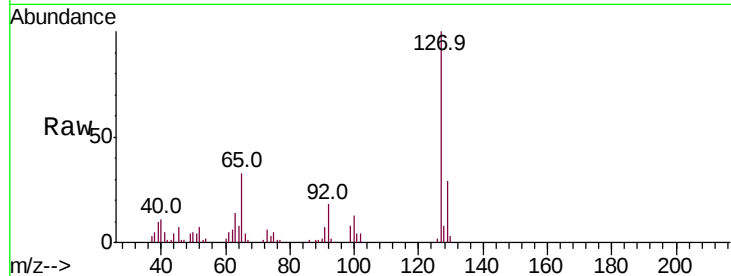
#33
4-Chloroaniline
Concen: 20.628 ng
RT: 11.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.4	25.8	38.8
65	33.1	27.8	41.6
92	18.0	17.0	25.6

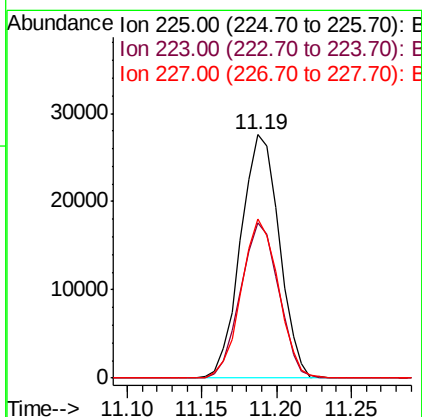
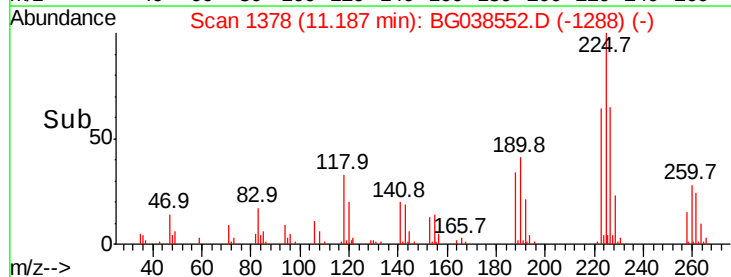
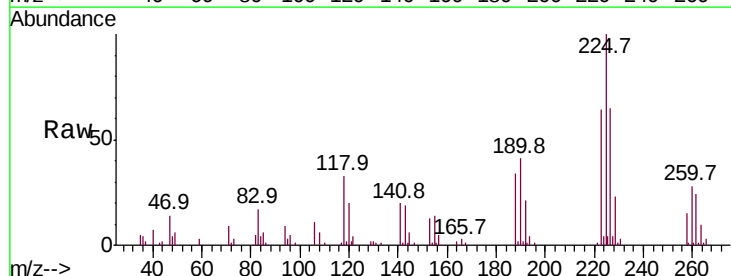
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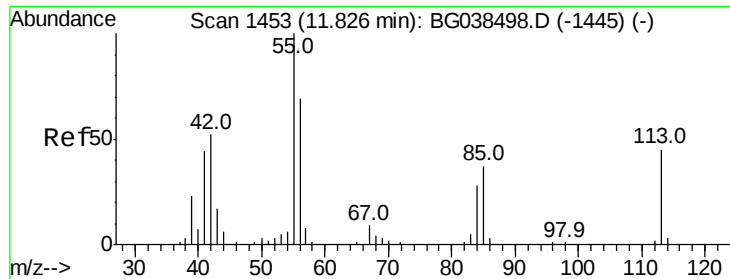
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#34
Hexachlorobutadiene
Concen: 37.896 ng
RT: 11.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	45.0	67.6
227	65.9	50.6	75.8





#35

Caprolactam

Concen: 39.704 ng/mL

RT: 11.82 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

ClientSampled :

PB115587BS

Tot Ion:113 Resp: 26142

Ion Ratio Lower Upper

113 100

55 229.4 204.3 244.3

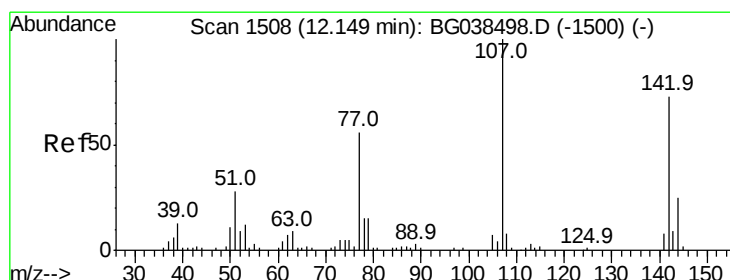
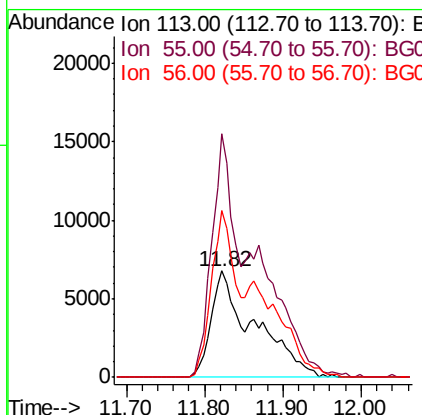
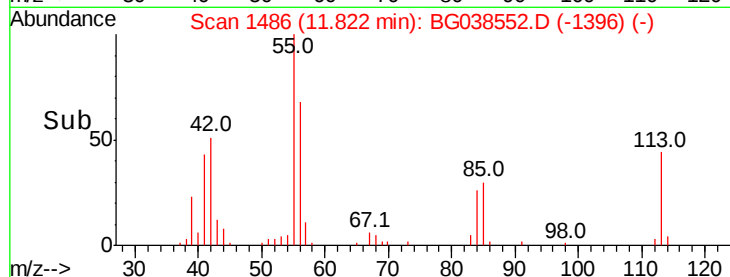
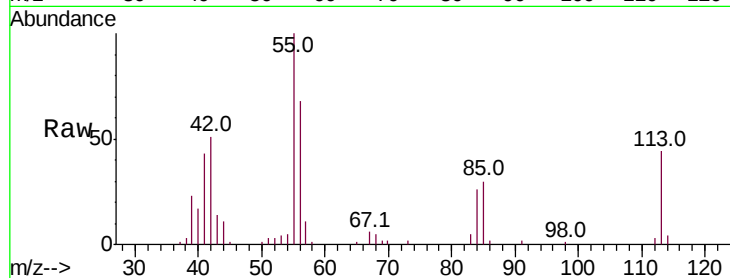
56 157.1 135.0 175.0

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#36

4-Chloro-3-methylphenol

Concen: 42.666 ng/mL

RT: 12.15 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

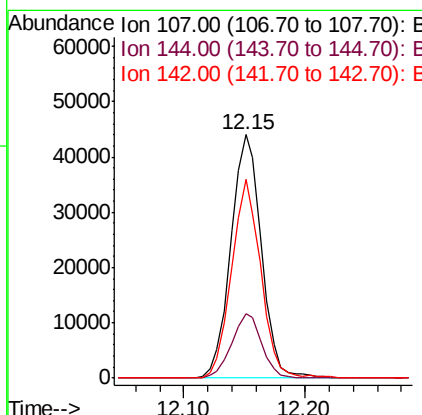
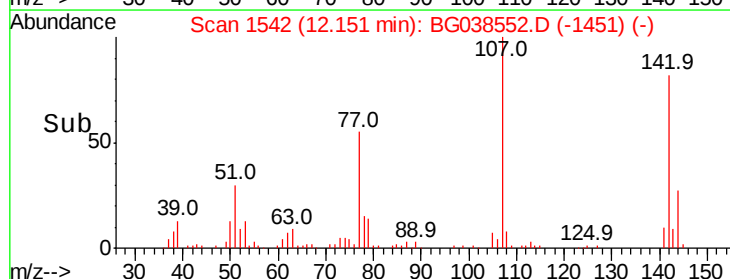
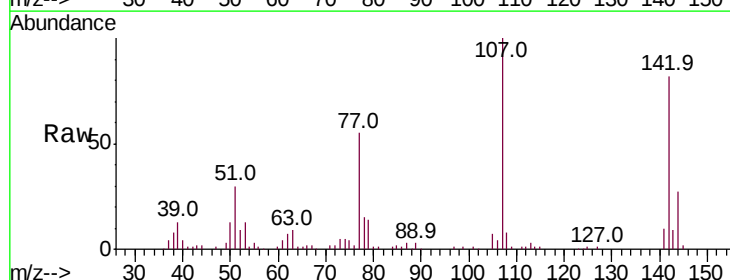
Tgt Ion:107 Resp: 77463

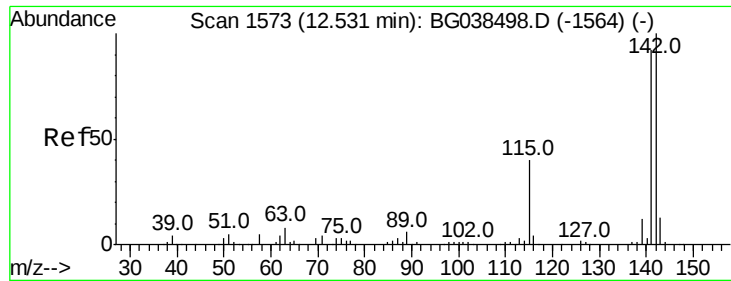
Ion Ratio Lower Upper

107 100

144 26.6 20.1 30.1

142 81.8 58.7 88.1





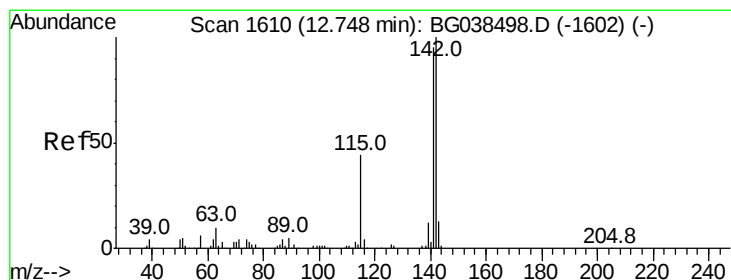
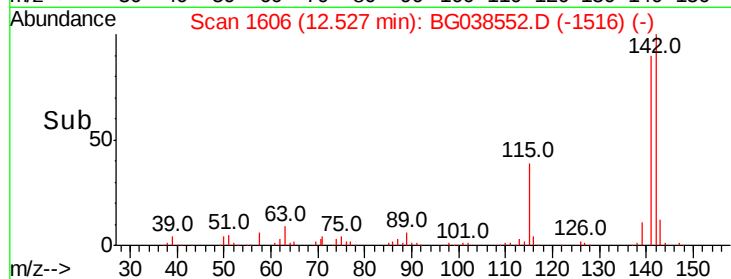
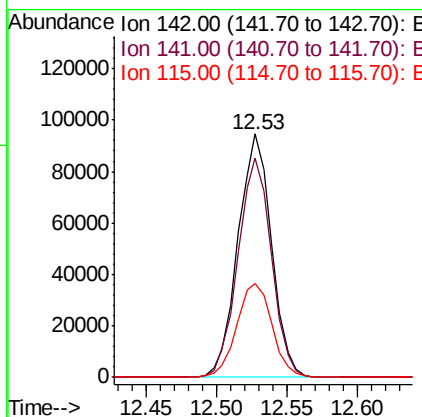
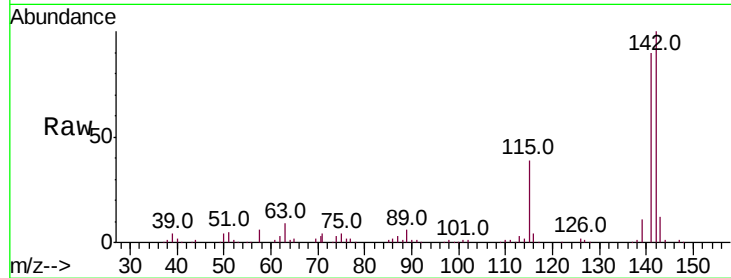
#37
2-Methylnaphthalene
Concen: 45.368 ng
RT: 12.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.5	110.3
115	38.7	31.7	47.5

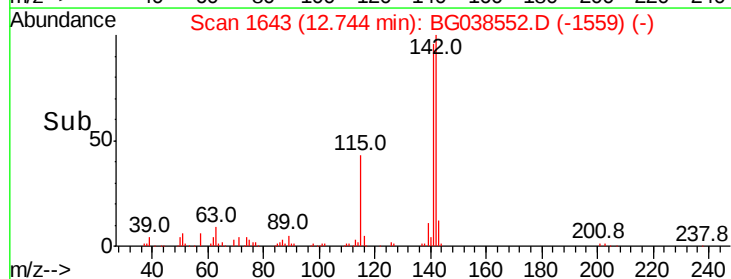
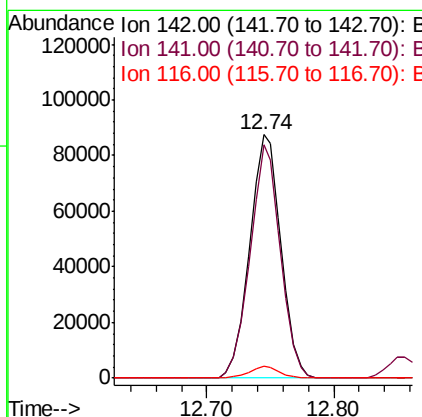
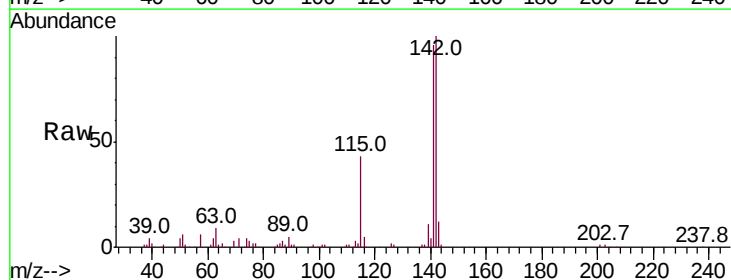
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#38
1-Methylnaphthalene
Concen: 44.412 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.1	75.8	113.8
116	5.0	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

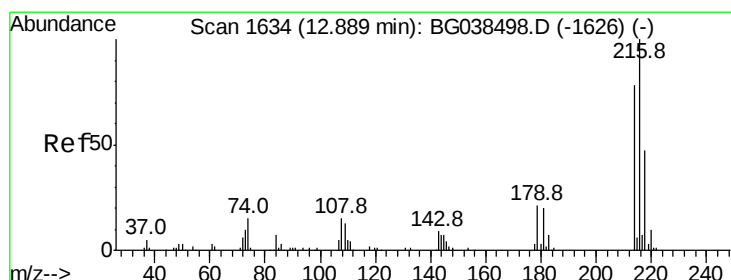
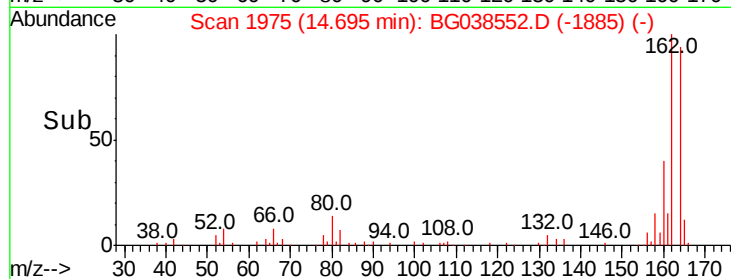
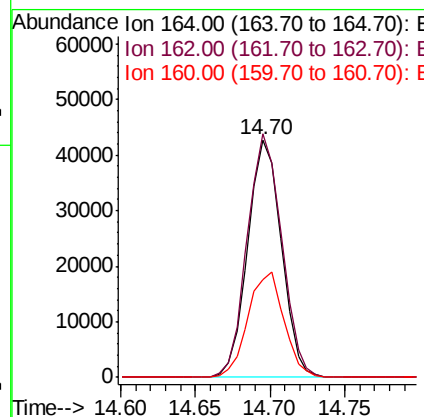
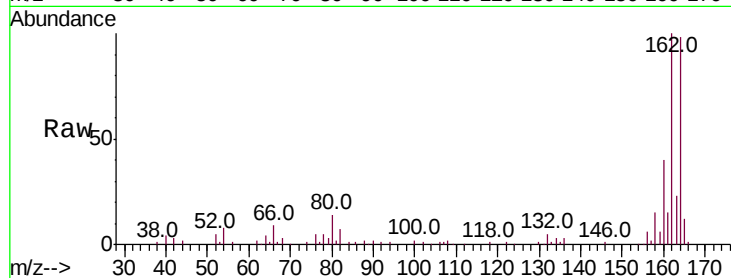
ClientSampleId :

PB115587BS

Tot Ion:	164	Resp:	66605
Ion Ratio	Lower	Upper	
164	100		
162	102.4	86.6	130.0
160	41.1	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.829 ng

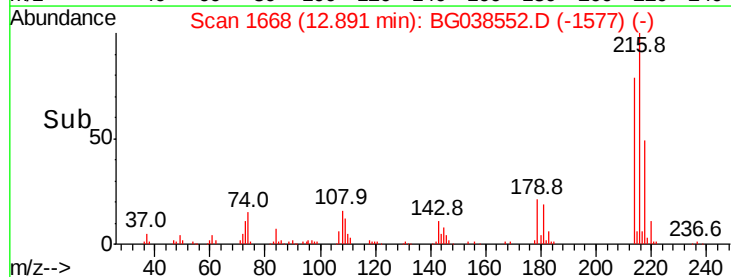
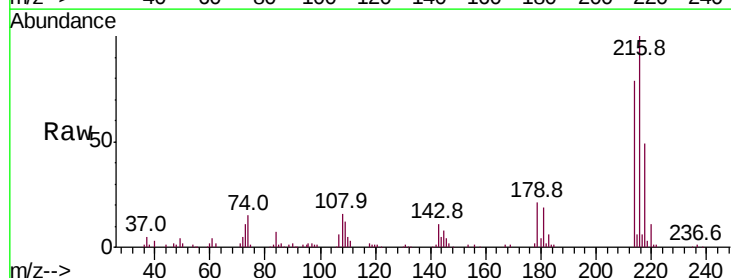
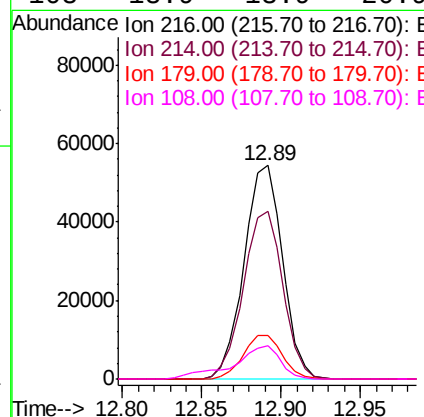
RT: 12.89 min Scan# 1668

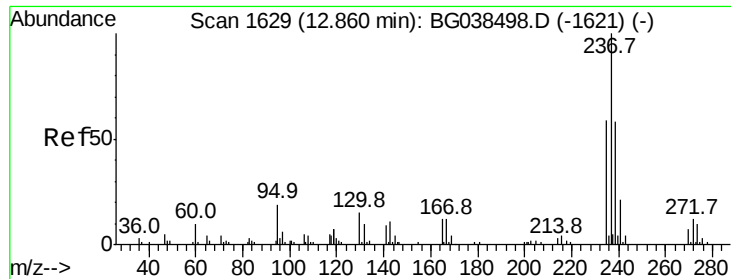
Delta R.T. 0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Tgt Ion:	216	Resp:	91692
Ion Ratio	Lower	Upper	
216	100		
214	80.6	64.1	96.1
179	20.6	16.4	24.6
108	18.9	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 85.678 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

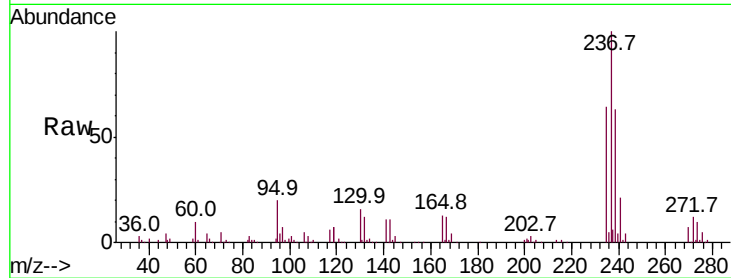
ClientSampleId :

PB115587BS

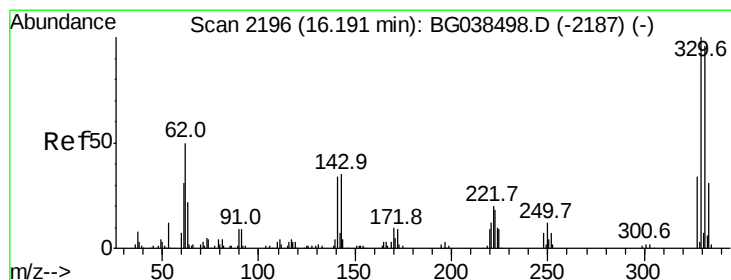
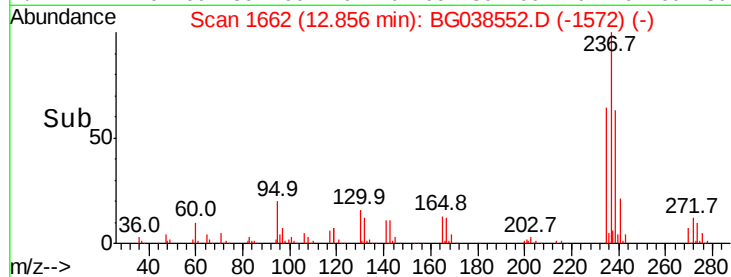
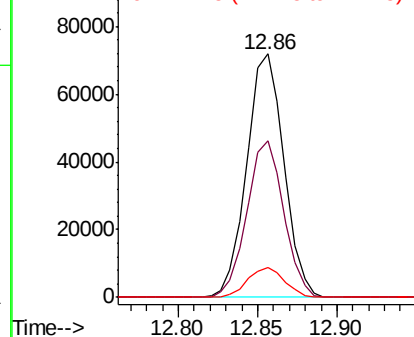
Tot Ion:	237	Resp:	117191
Ion Ratio	Lower	Upper	
237	100		
235	64.2	38.8	78.8
272	12.3	0.0	32.0

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



#42

2,4,6-Tribromophenol

Concen: 128.400 ng

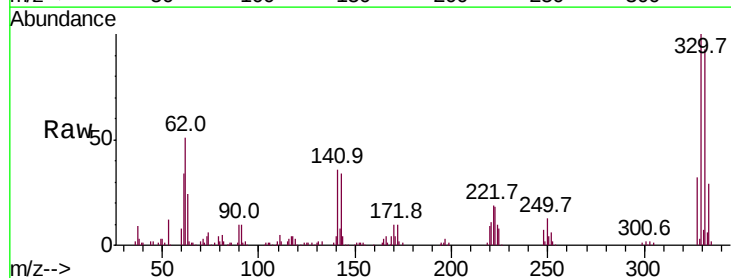
RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

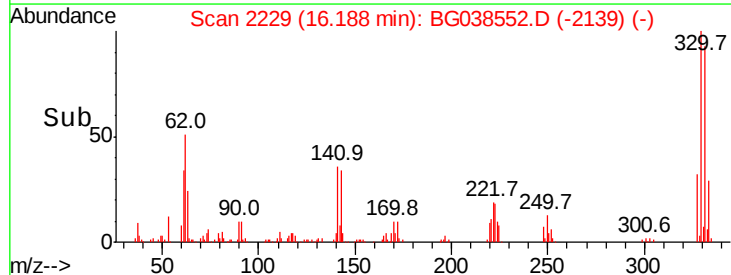
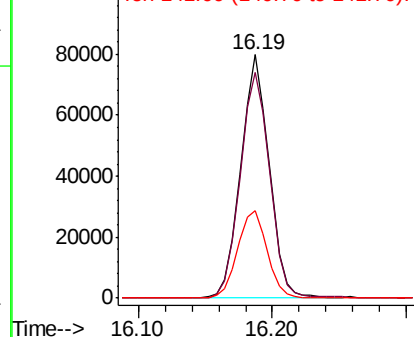
Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Tgt Ion:	330	Resp:	117863
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.9	115.3
141	37.4	28.8	43.2



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





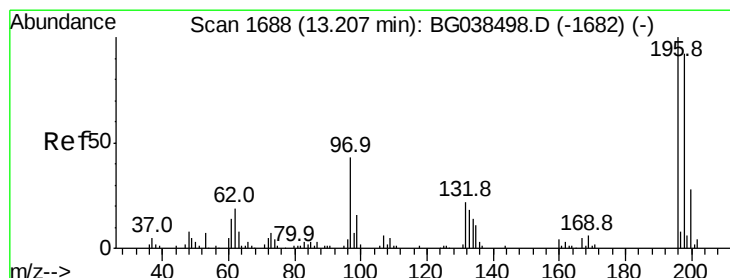
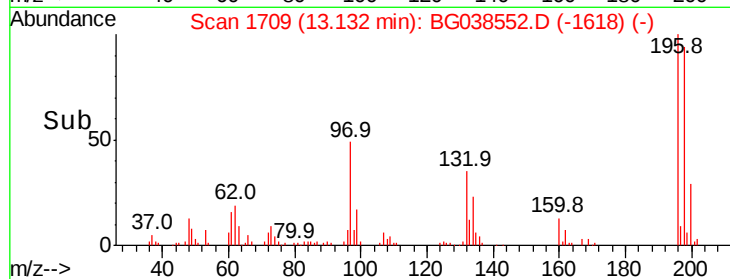
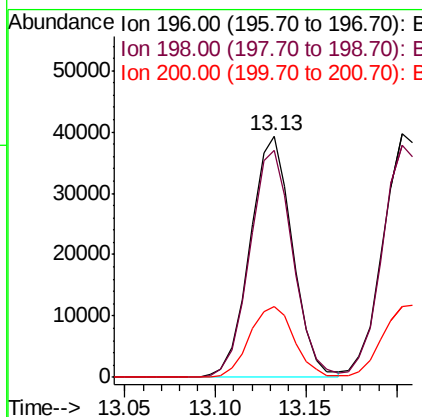
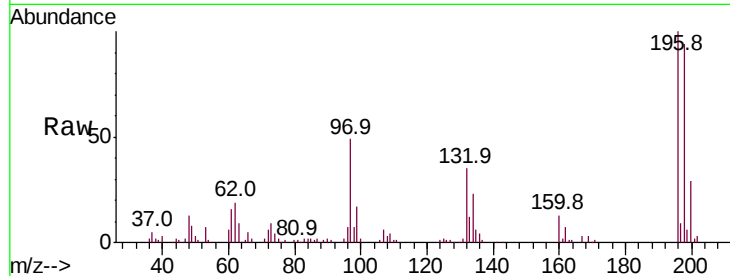
#43
 2,4,6-Trichlorophenol
 Concen: 41.666 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Instrument :
 BNA_G
 ClientSampled :
 PB115587BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	63782		
198	93.9	75.0	112.4	
200	29.1	22.4	33.6	

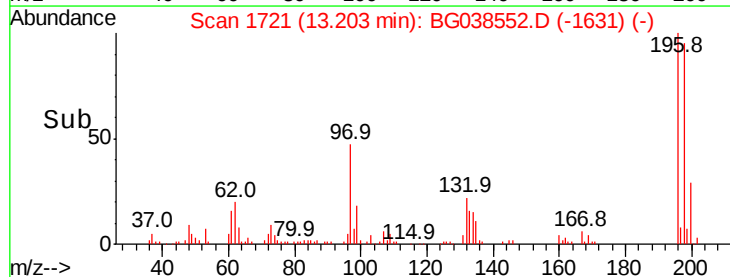
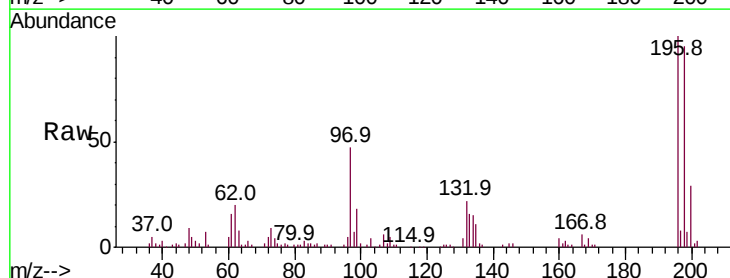
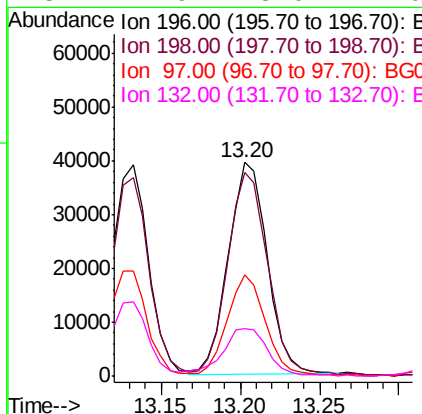
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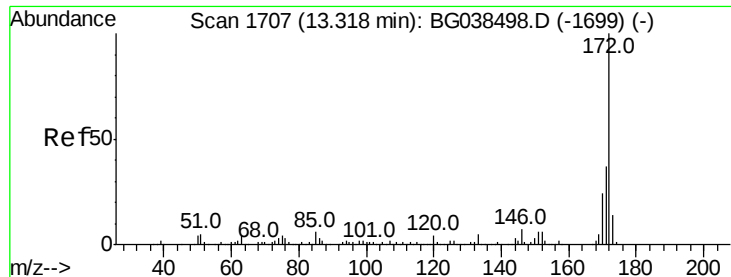
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#44
 2,4,5-Trichlorophenol
 Concen: 41.598 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	67421		
198	95.2	74.0	111.0	
97	47.2	35.1	52.7	
132	21.9	18.0	27.0	





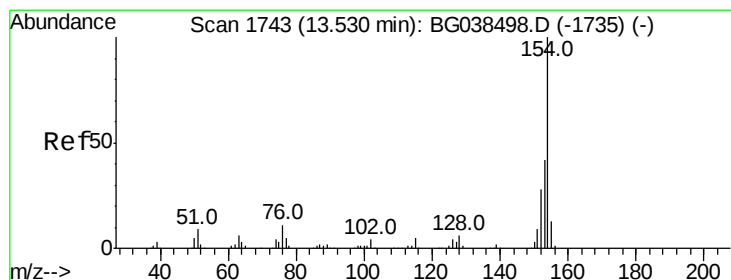
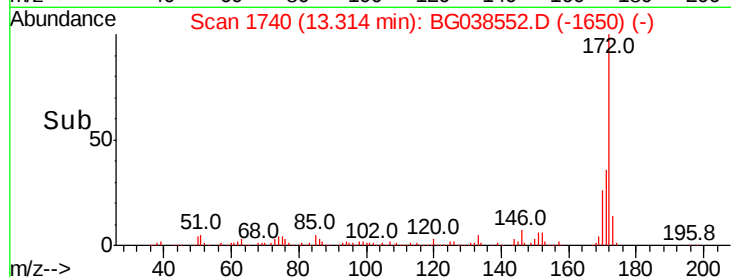
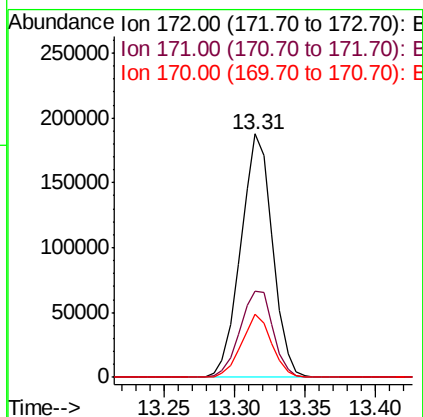
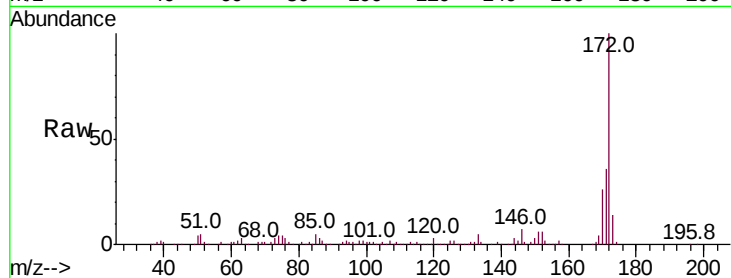
#45
2-Fluorobiphenyl
Concen: 60.652 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	294474		
171	35.6	29.8	44.6	
170	25.8	19.5	29.3	

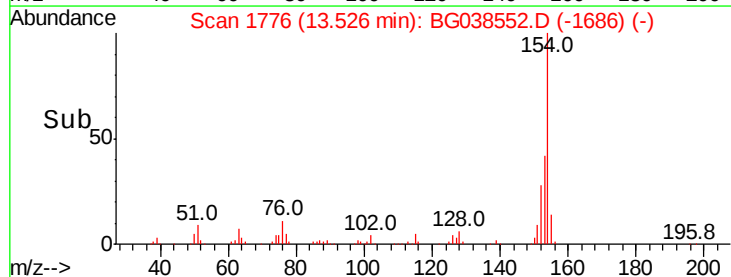
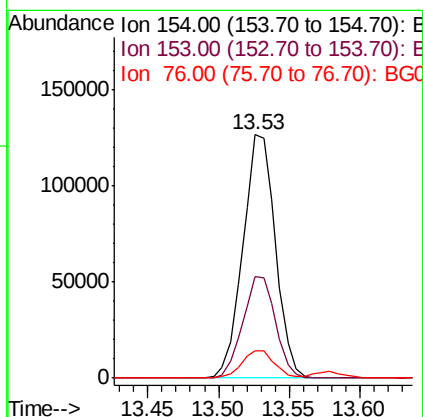
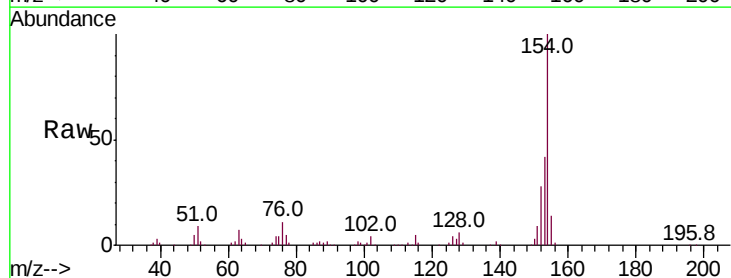
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#46
1,1'-Biphenyl
Concen: 36.560 ng
RT: 13.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	204139		
153	41.8	22.1	62.1	
76	11.4	0.0	31.2	





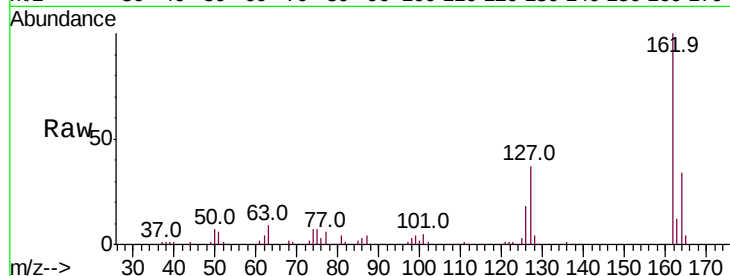
#47
 2-Chloronaphthalene
 Concen: 38.389 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

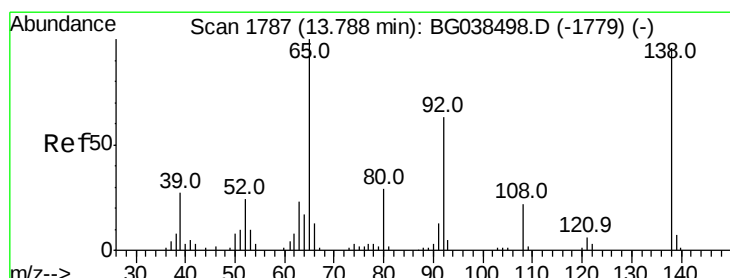
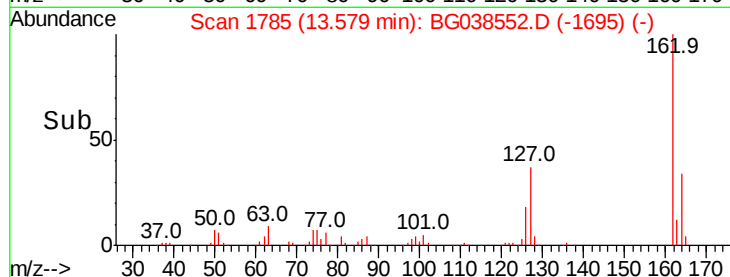
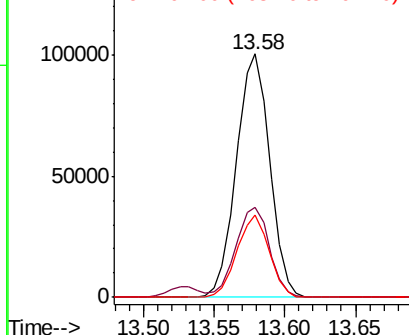
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	37.0	27.8	41.8
164	34.0	26.9	40.3

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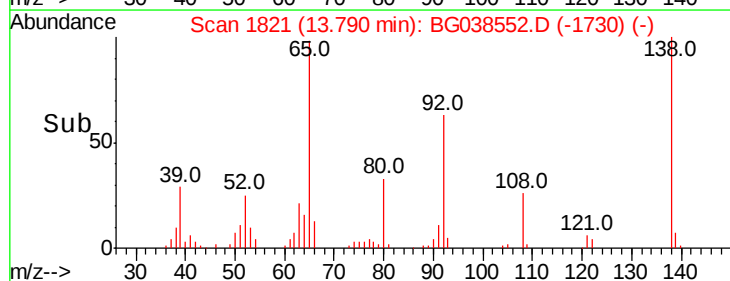
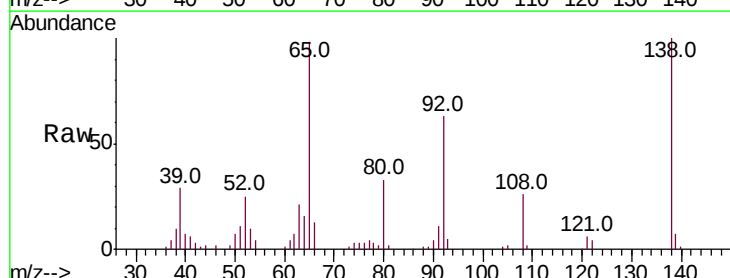
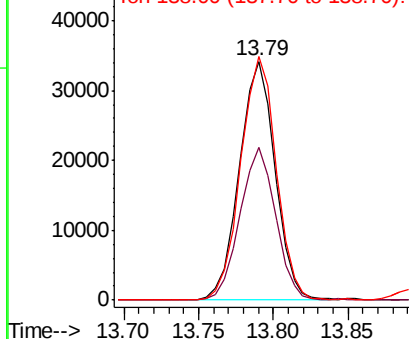
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

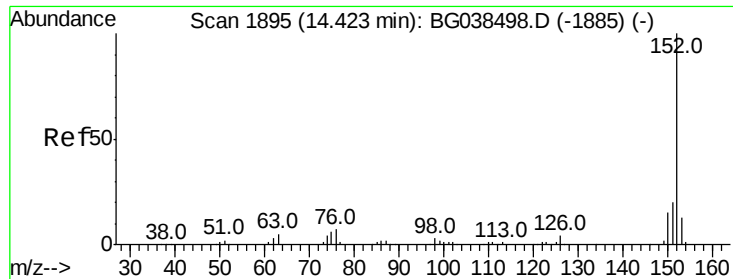


#48
 2-Nitroaniline
 Concen: 41.223 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	64.1	50.0	75.0
138	102.0	76.9	115.3

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





#49

Acenaphthylene

Concen: 41.962 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

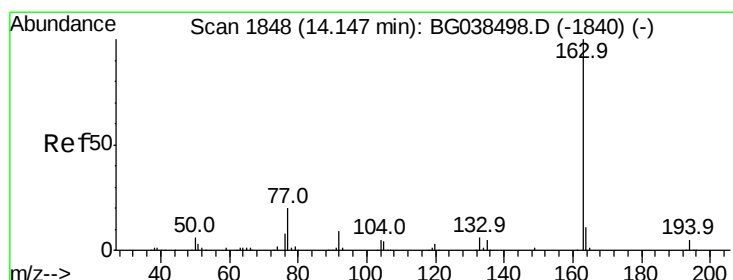
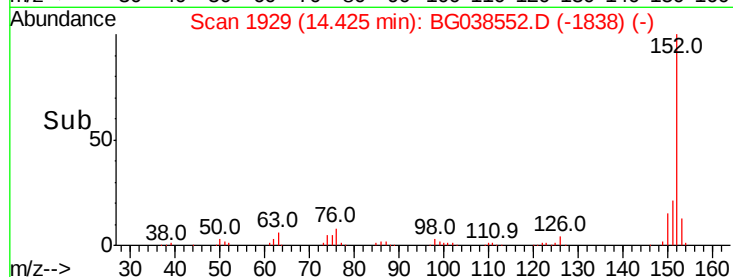
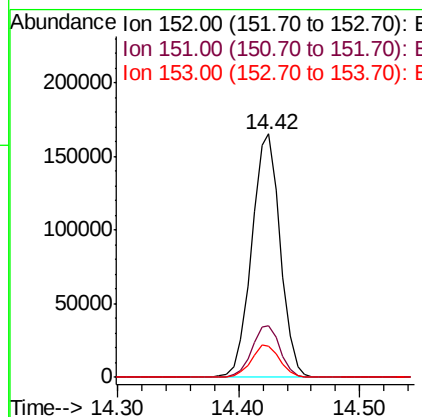
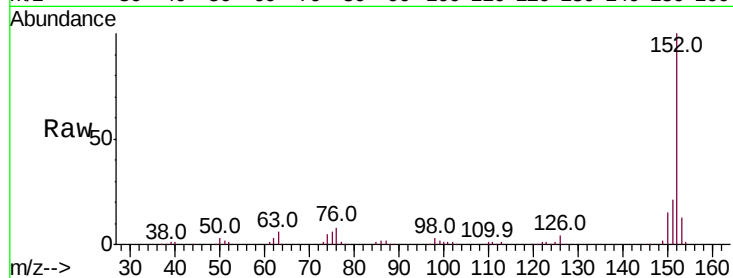
ClientSampleId :

PB115587BS

Tot Ion:	152	Resp:	270566
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.4	24.6
153	13.0	10.4	15.6

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#50

Dimethylphthalate

Concen: 41.057 ng

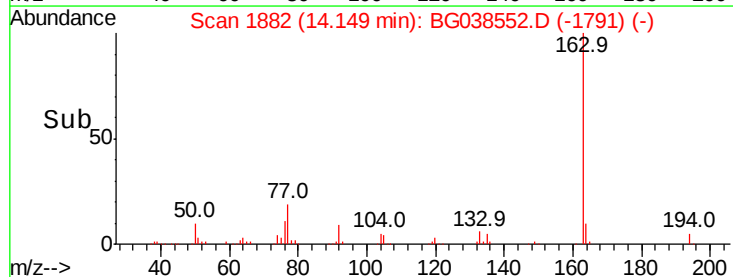
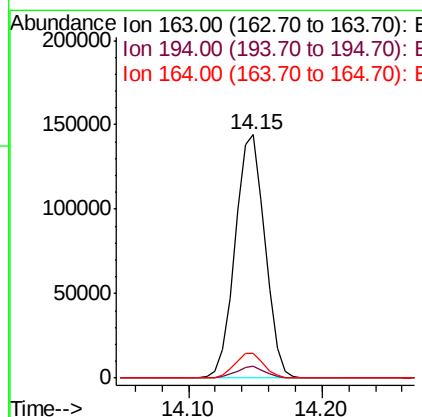
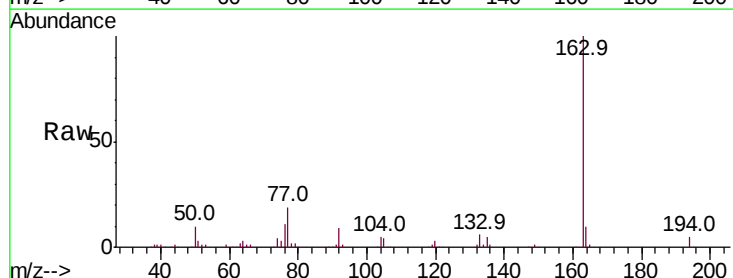
RT: 14.15 min Scan# 1882

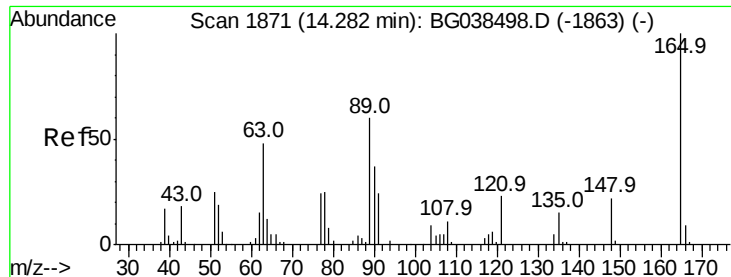
Delta R.T. 0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Tgt Ion:	163	Resp:	223317
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.7	5.5
164	10.2	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 41.057 ng

RT: 14.28 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

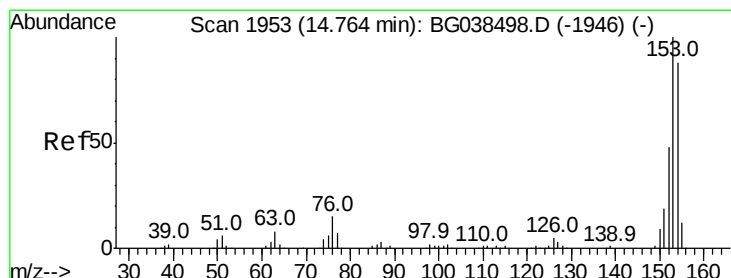
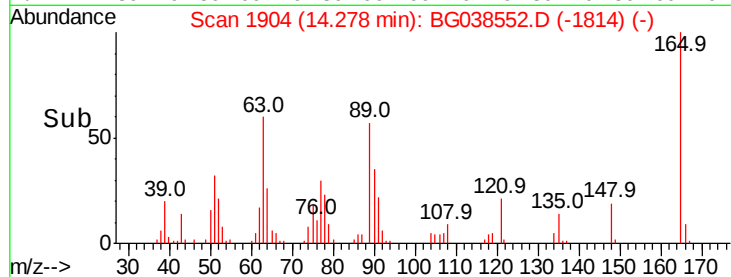
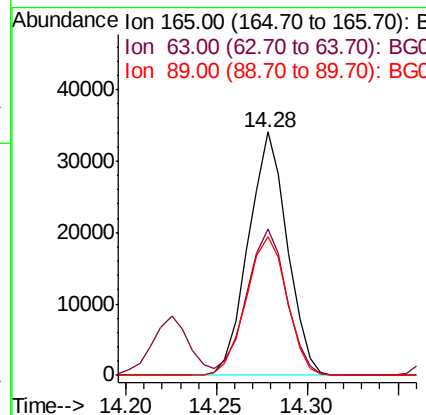
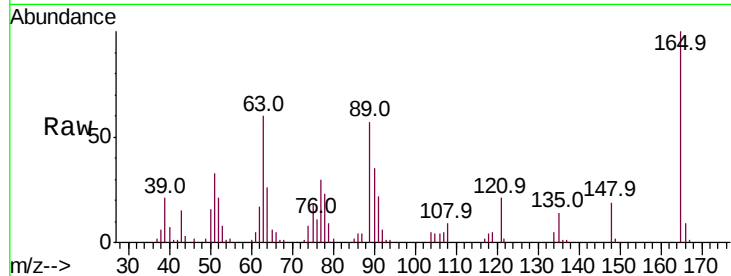
ClientSampleId :

PB115587BS

Tot Ion:	165	Resp:	50608
Ion Ratio	Lower	Upper	
165	100		
63	60.2	51.8	77.6
89	57.2	47.9	71.9

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#52

Acenaphthene

Concen: 40.174 ng

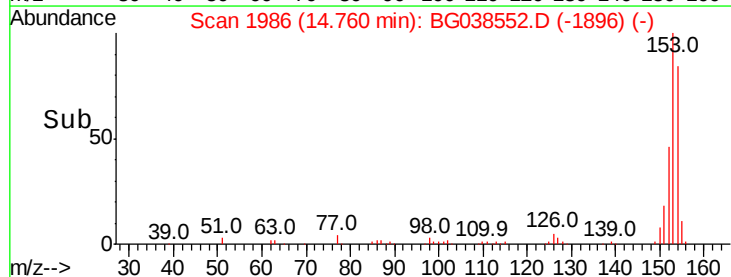
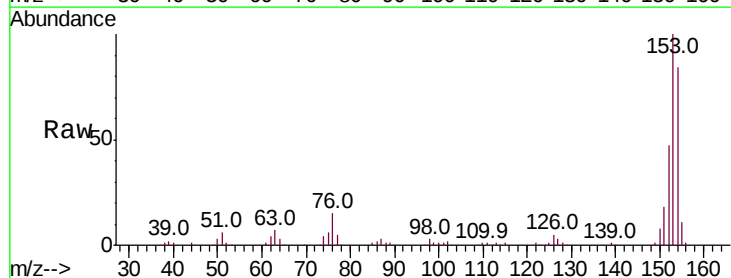
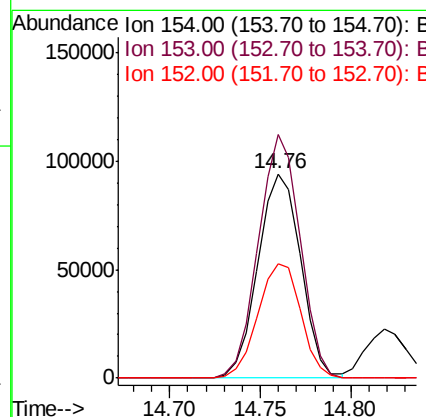
RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Tgt Ion:	154	Resp:	154896
Ion Ratio	Lower	Upper	
154	100		
153	119.2	90.6	136.0
152	56.1	43.5	65.3





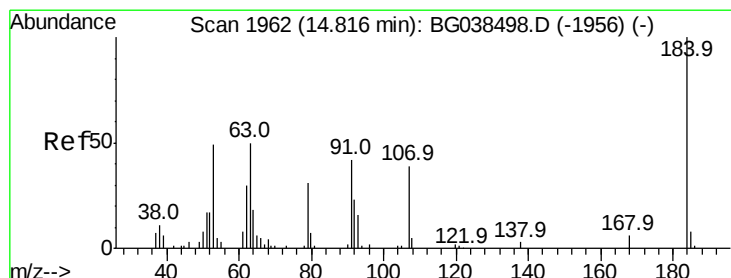
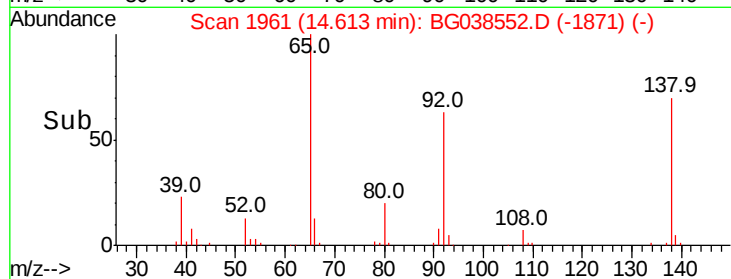
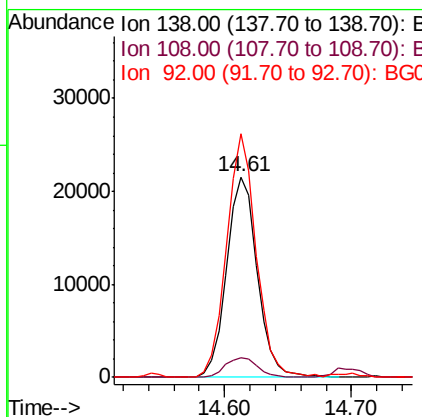
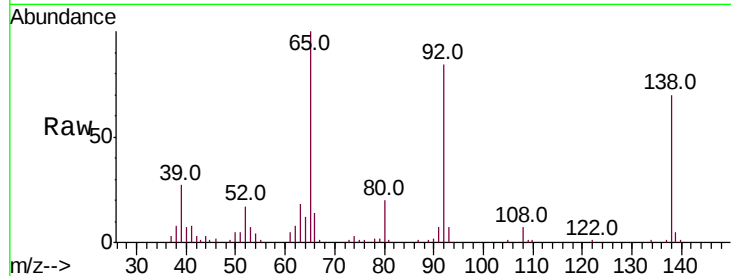
#53
3-Nitroaniline
Concen: 28.570 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.9	11.9
92	121.4	95.3	142.9

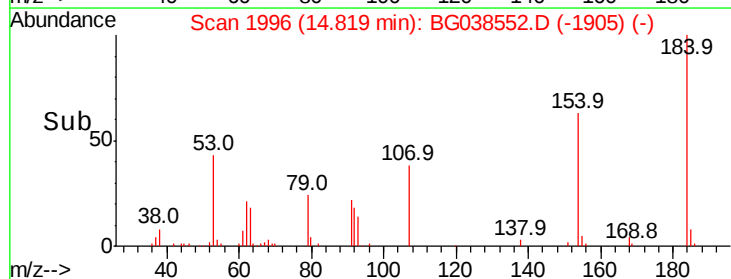
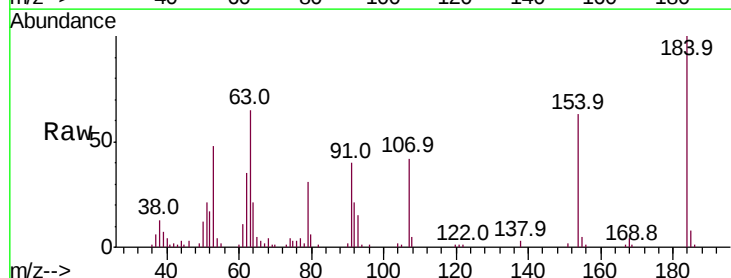
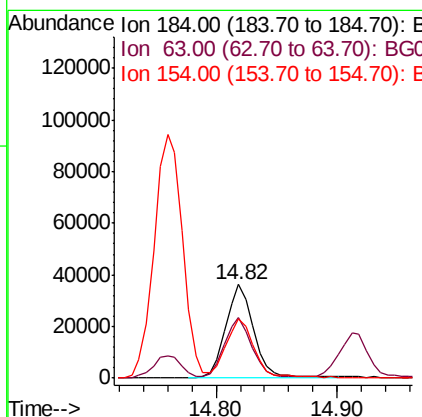
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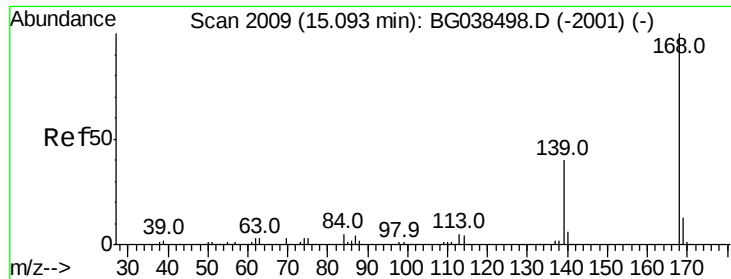
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#54
2,4-Dinitrophenol
Concen: 80.215 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.1	47.0	70.6
154	62.8	50.3	75.5





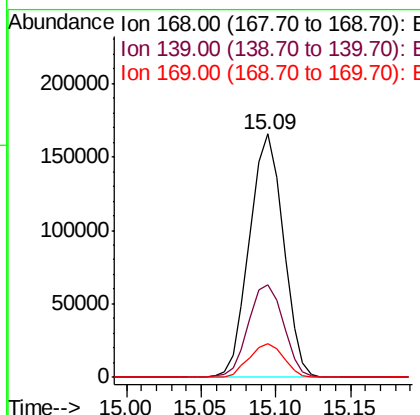
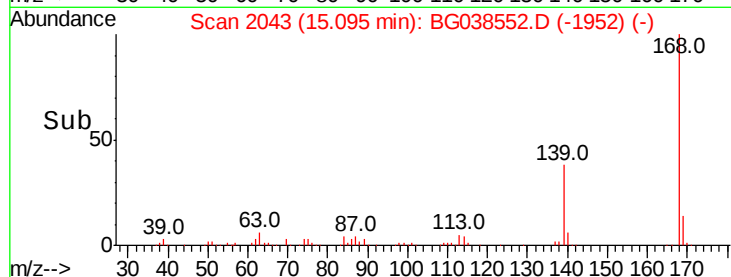
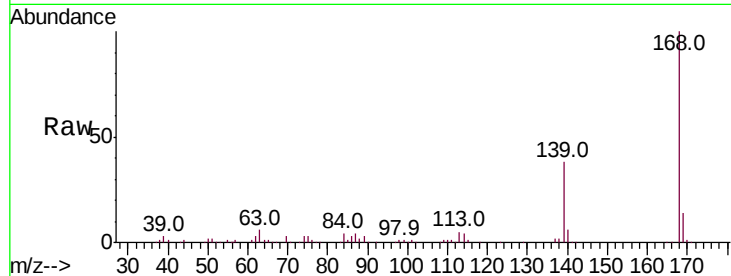
#55
Dibenzenofuran
Concen: 39.519 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	261185		
139	38.0		32.2	48.2
169	13.7		10.6	16.0

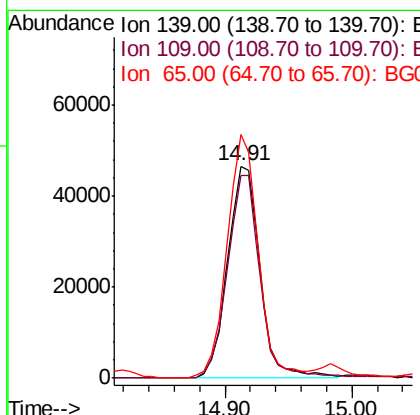
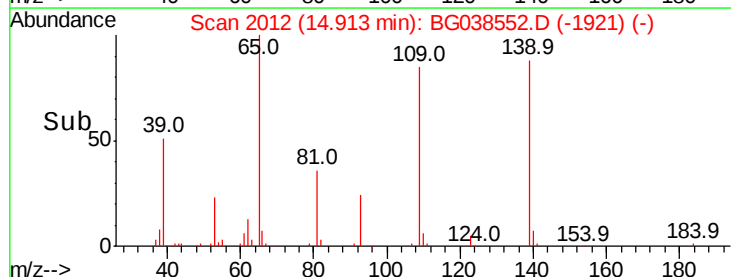
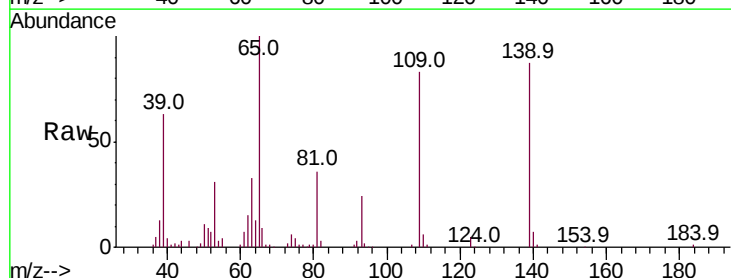
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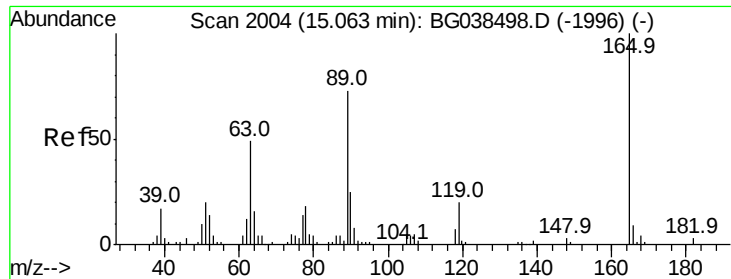
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#56
4-Nitrophenol
Concen: 86.028 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	82003		
109	95.6		73.6	113.6
65	114.8		84.8	124.8





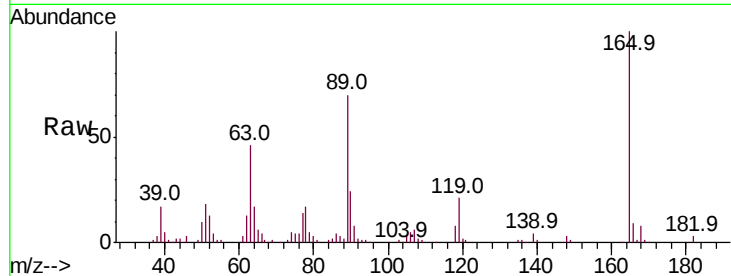
#57
2,4-Dinitrotoluene
Concen: 42.395 ng
RT: 15.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

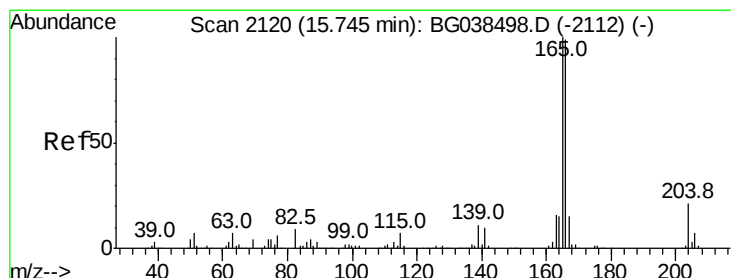
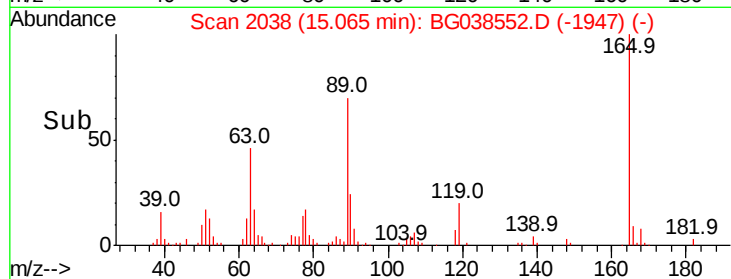
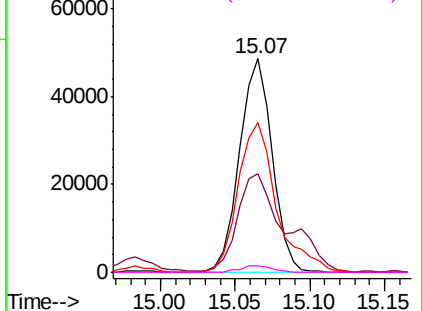
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.0	39.0	58.4
89	70.0	58.0	87.0
182	3.2	2.3	3.5

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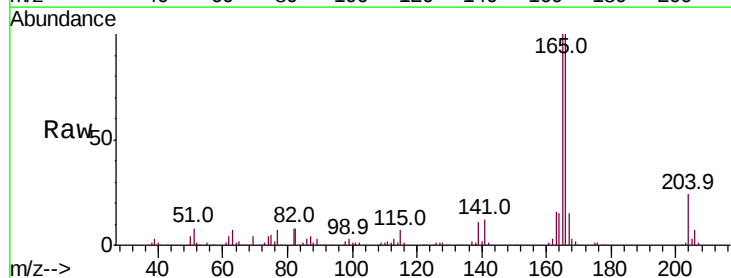


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

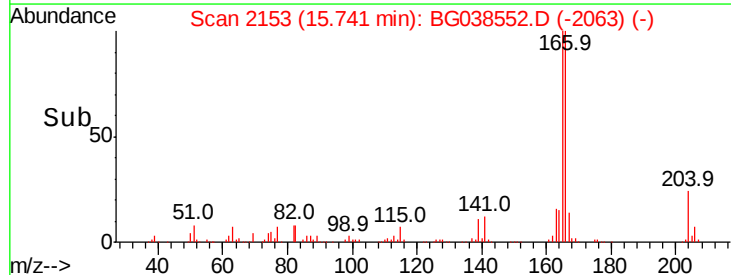
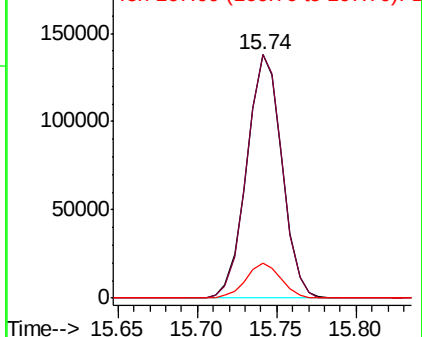


#58
Fluorene
Concen: 43.413 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	80.6	120.8
167	14.6	12.0	18.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.829 ng

RT: 15.32 min Scan# 2081

Delta R.T. 0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

ClientSampleId :

PB115587BS

Tot Ion:232 Resp: 63911

Ion Ratio Lower Upper

232 100

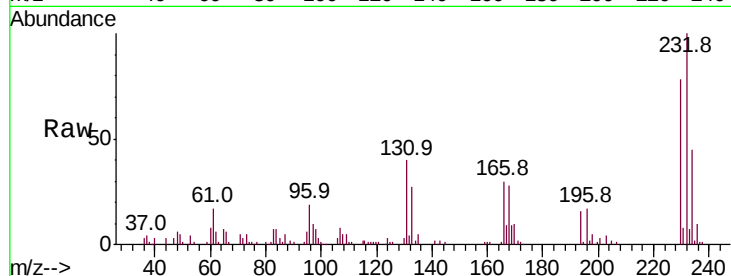
131 42.9 33.0 49.4

130 2.6 2.0 3.0

166 29.8 23.1 34.7

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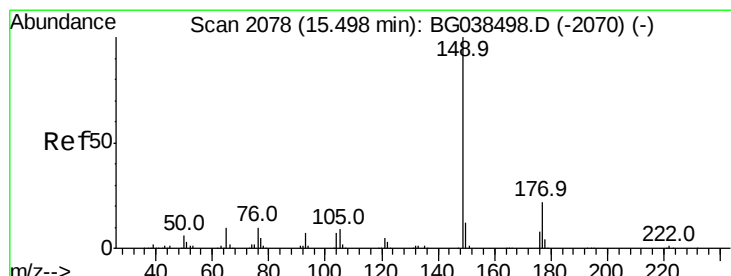
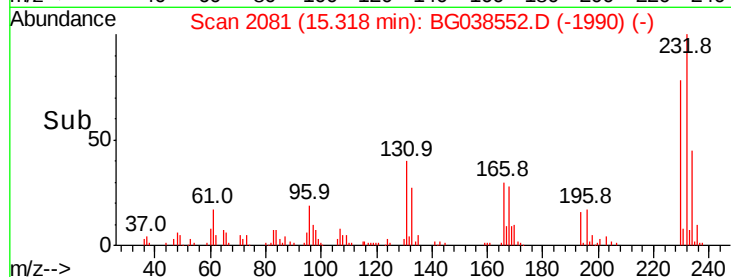
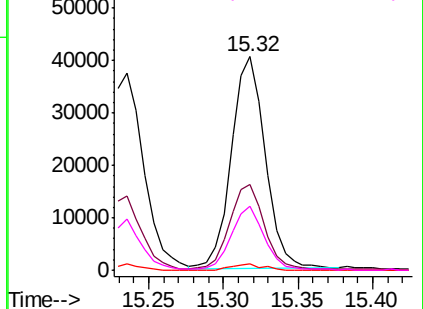


Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.019 ng

RT: 15.50 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

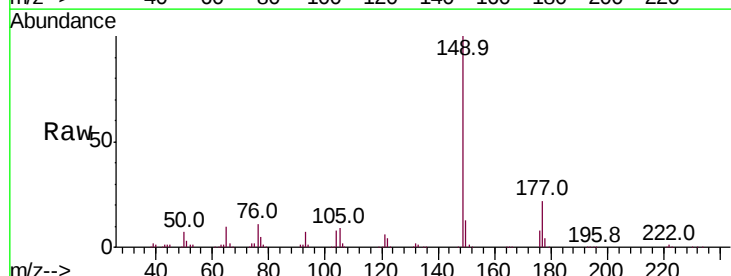
Tgt Ion:149 Resp: 232985

Ion Ratio Lower Upper

149 100

177 21.7 17.7 26.5

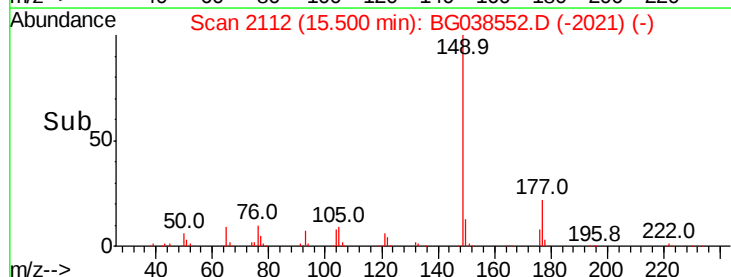
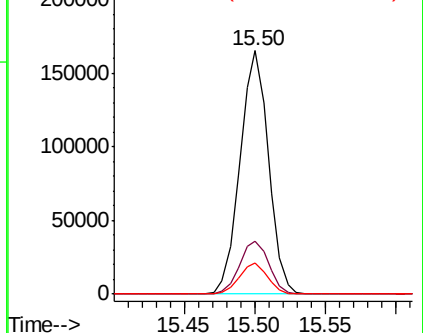
150 12.9 9.9 14.9

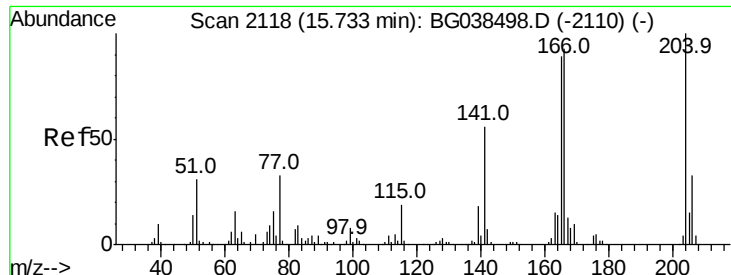


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





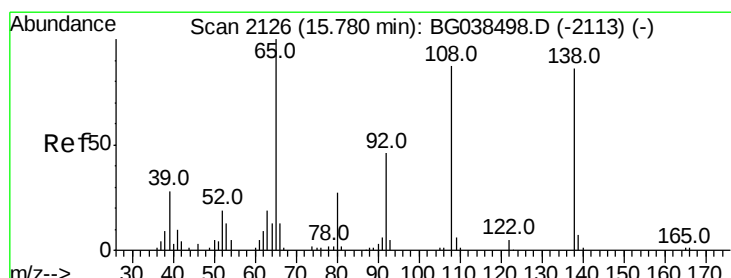
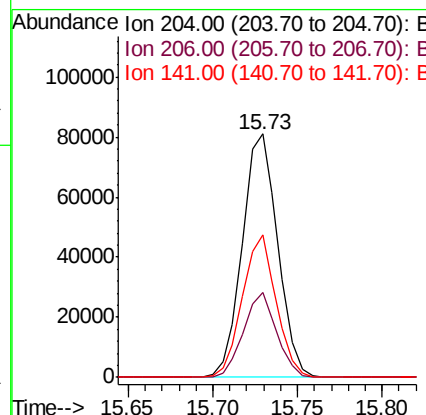
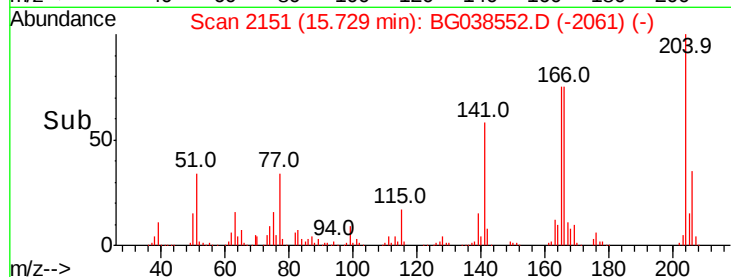
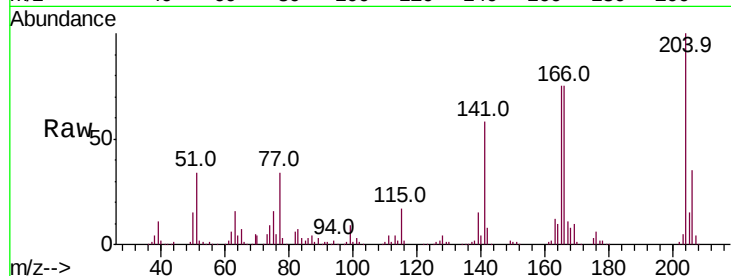
#61
4-Chlorophenyl-phenylether
Concen: 38.592 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	26.0	39.0
141	58.4	44.4	66.6

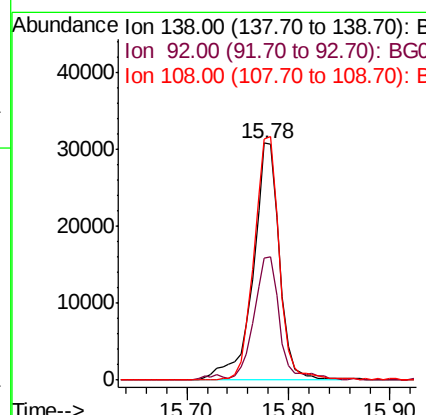
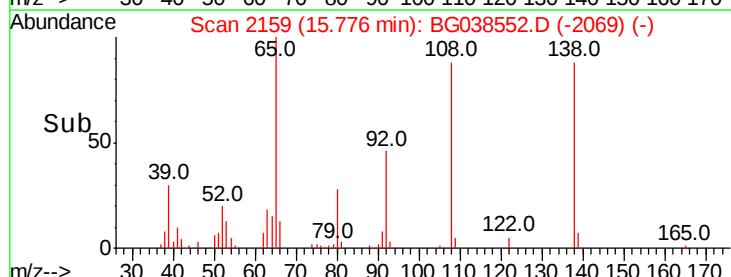
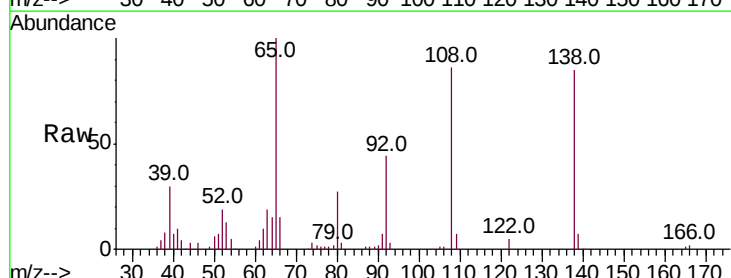
Manual Integrations
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#62
4-Nitroaniline
Concen: 42.801 ng
RT: 15.78 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.8	33.3	73.3
108	101.6	81.4	121.4





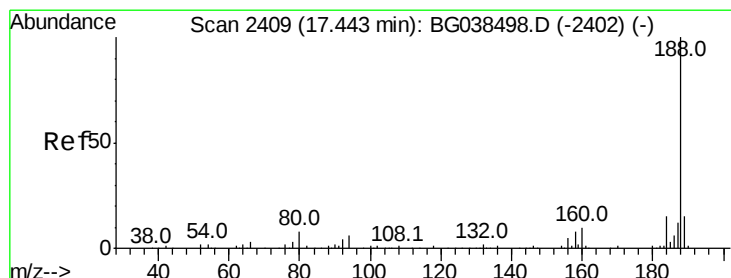
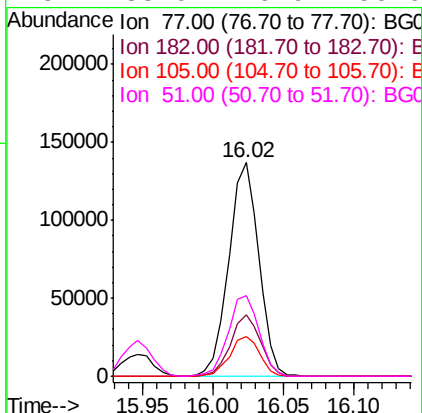
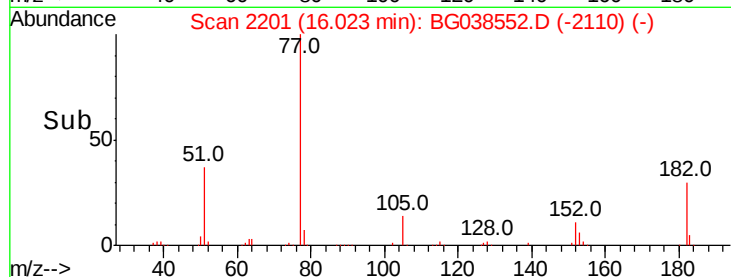
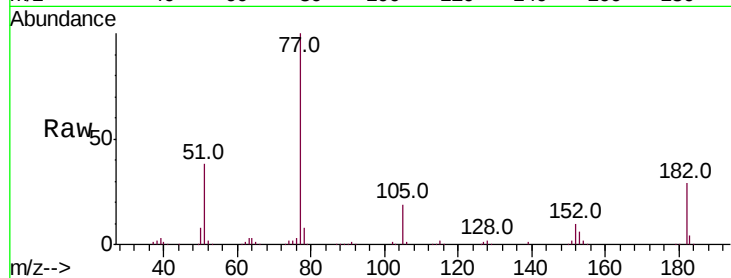
#63
Azobenzene
Concen: 40.733 ng
RT: 16.02 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.0	8.7	48.7
105	18.8	0.0	38.7
51	38.0	16.6	56.6

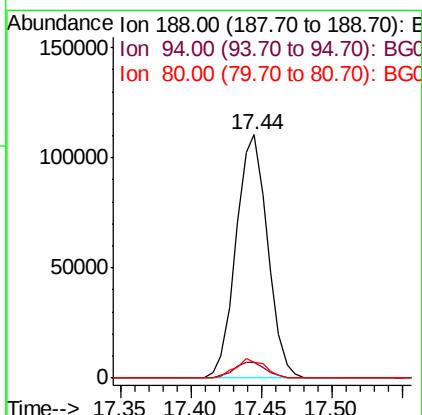
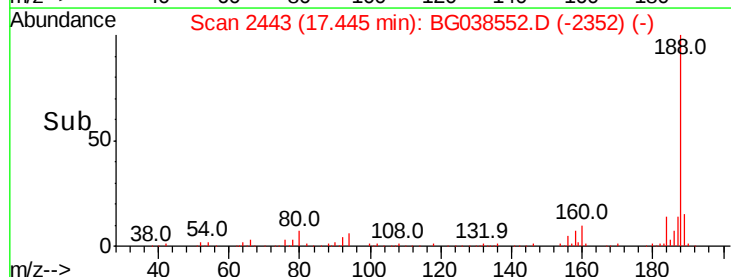
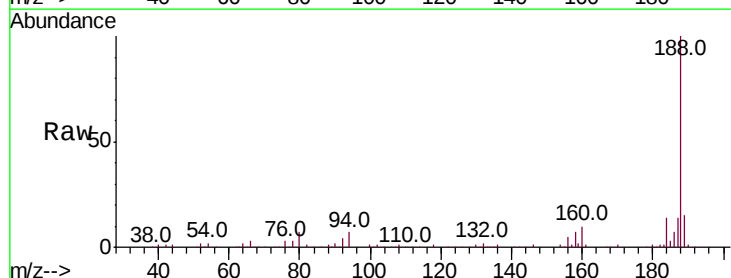
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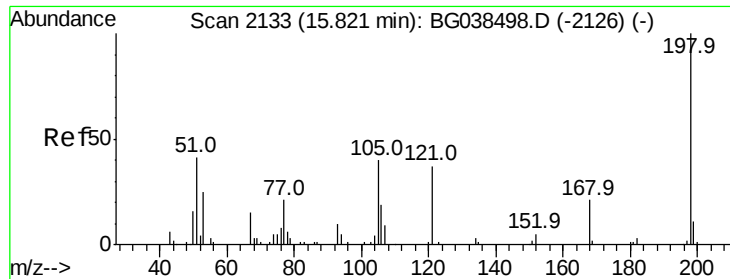
Sohil
12/14/2018 12:56:39 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.1	7.7
80	6.7	6.1	9.1





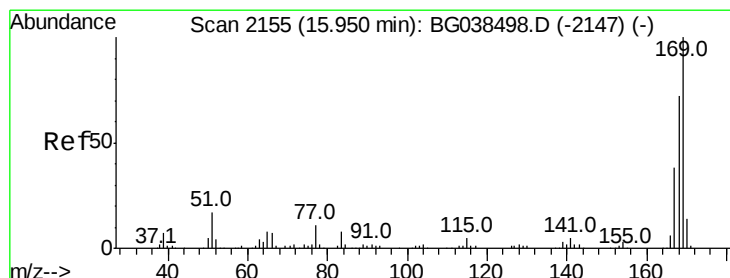
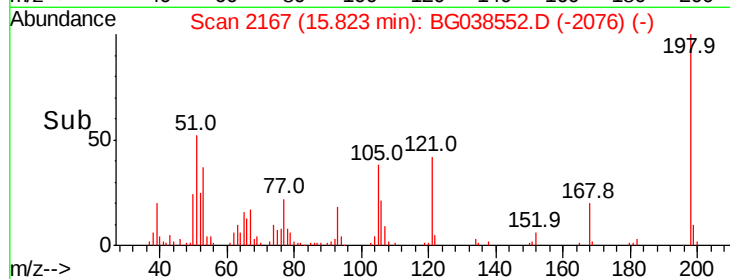
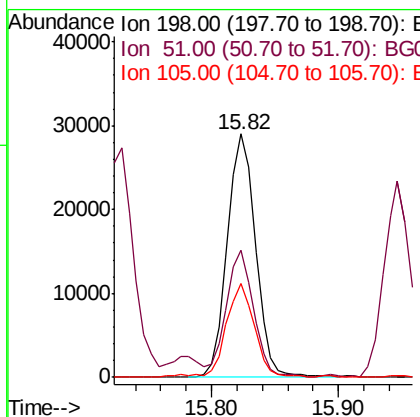
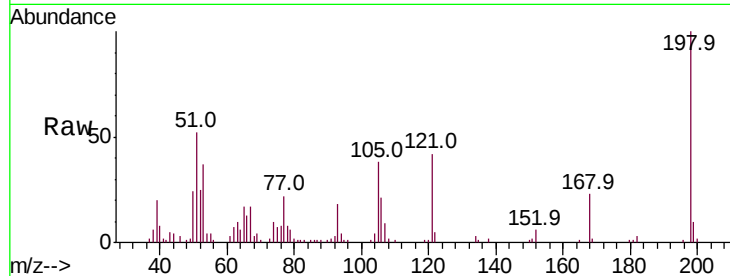
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.508 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	44843		
51	52.3	28.6	68.6	
105	38.5	20.4	60.4	

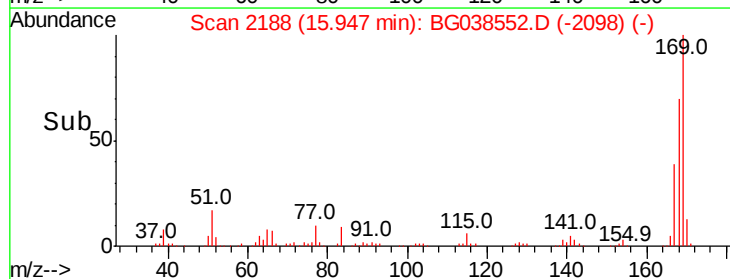
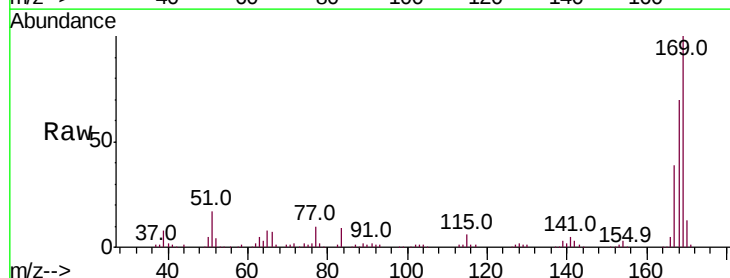
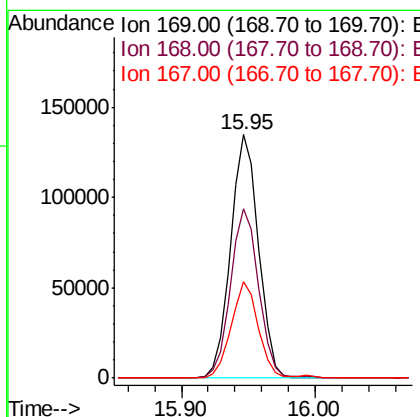
Manual Integrations
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#66
 n-Nitrosodiphenylamine
 Concen: 38.769 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	196140		
168	69.6	57.5	86.3	
167	39.4	30.2	45.2	





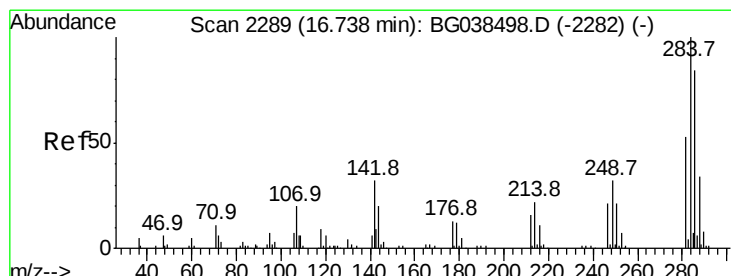
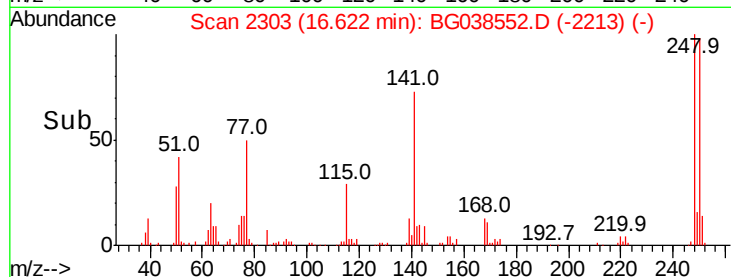
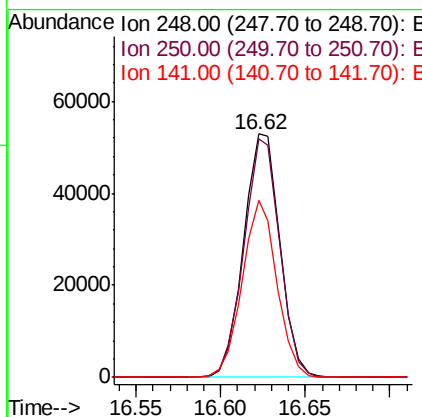
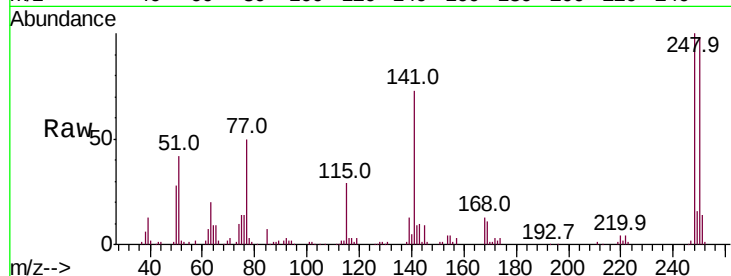
#67
 4-Bromophenyl-phenylether
 Concen: 37.394 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	73.4	110.2
141	72.9	52.9	79.3

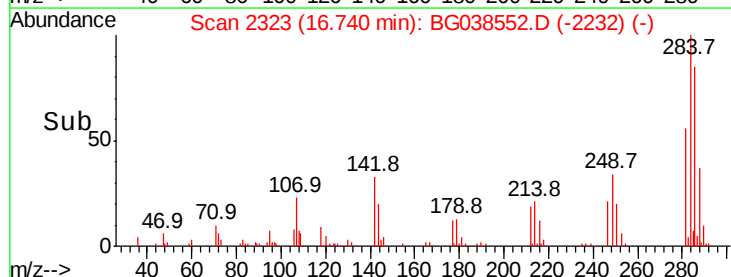
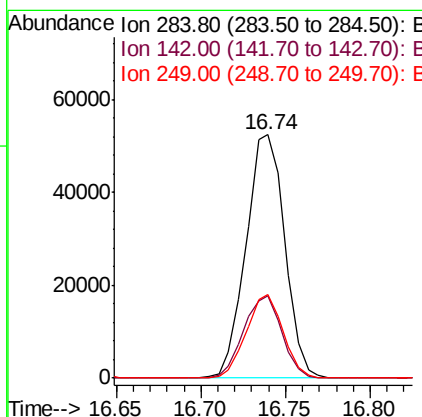
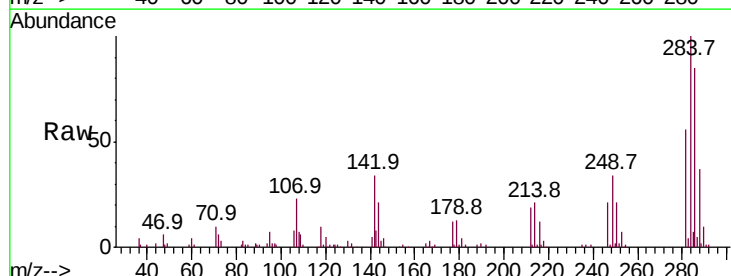
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#68
 Hexachlorobenzene
 Concen: 38.203 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	25.8	38.6
249	36.7	27.0	40.4





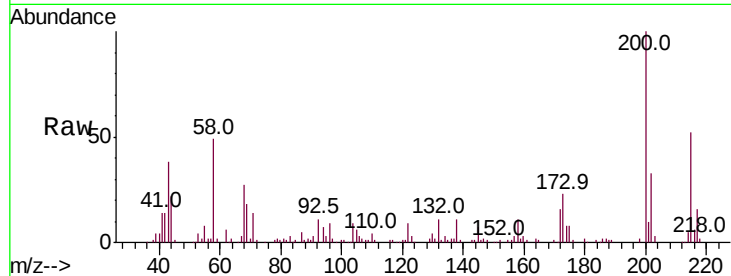
#69
Atrazine
Concen: 43.895 ng
RT: 16.89 min Scan# 2348
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.4	5.9	45.9
215	51.9	33.1	73.1

Manual Integrations
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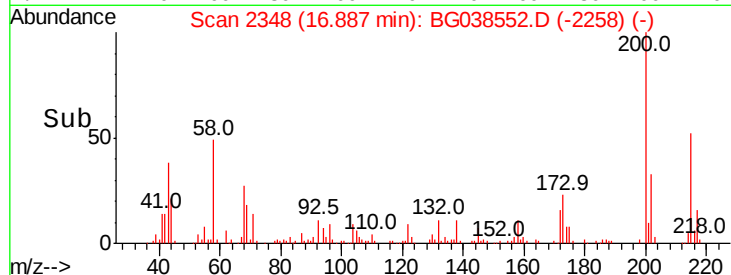
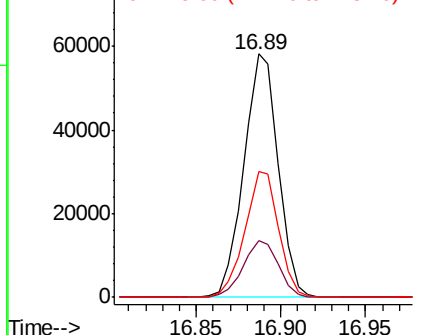


Abundance

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: 73.323 ng
RT: 17.09 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

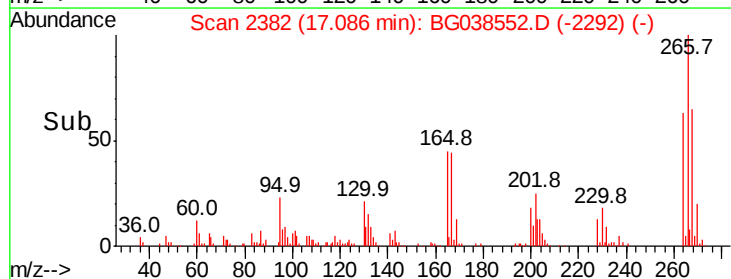
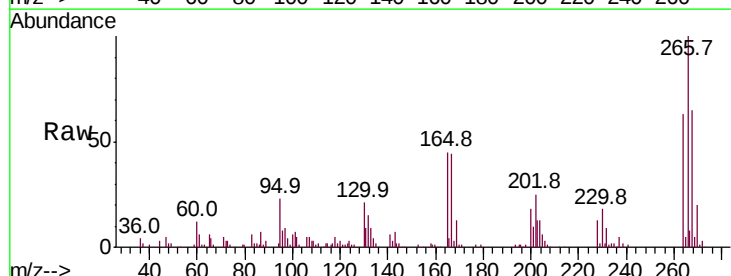
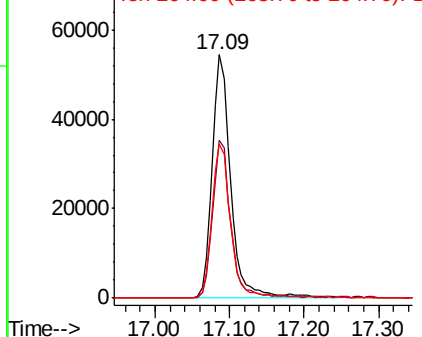
Tgt Ion	Ratio	Lower	Upper
266	100		
268	70.1	55.0	82.6
264	68.3	56.7	85.1

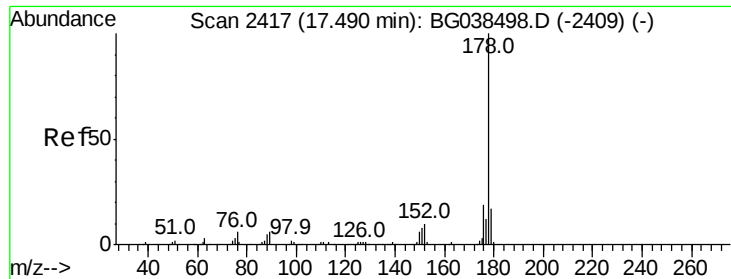
Abundance

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: 42.427 ng

RT: 17.49 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

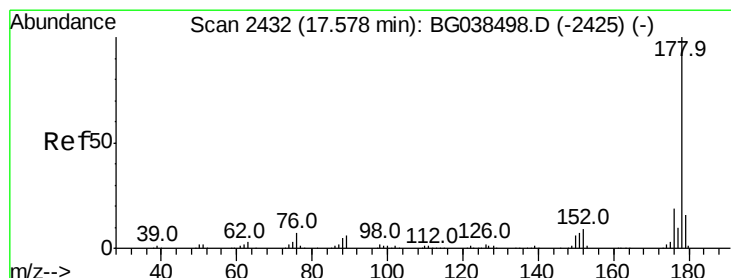
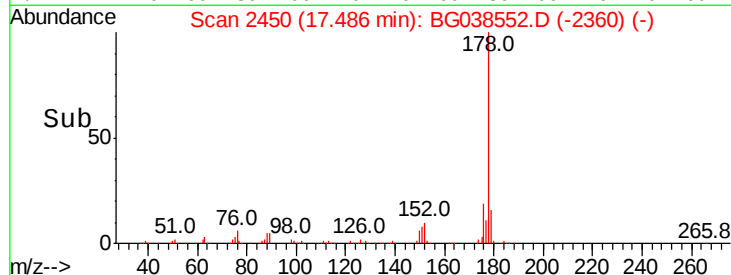
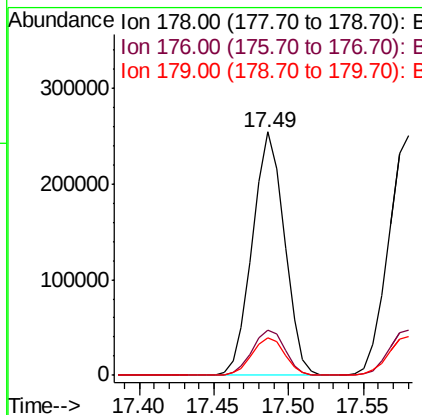
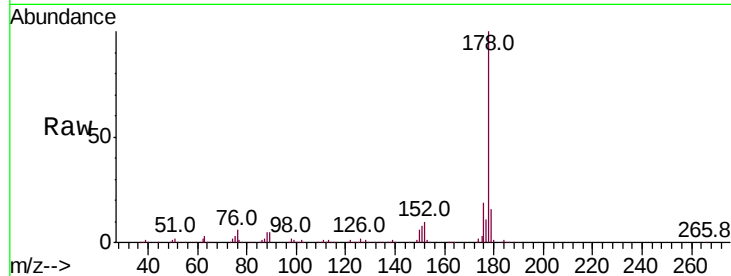
ClientSampleId :

PB115587BS

Tot Ion:178	Resp:	378830
Ion Ratio	Lower	Upper
178	100	
176	18.7	15.1 22.7
179	15.6	13.2 19.8

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#72

Anthracene

Concen: 43.780 ng

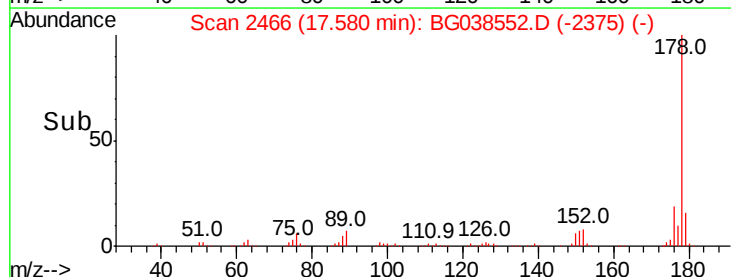
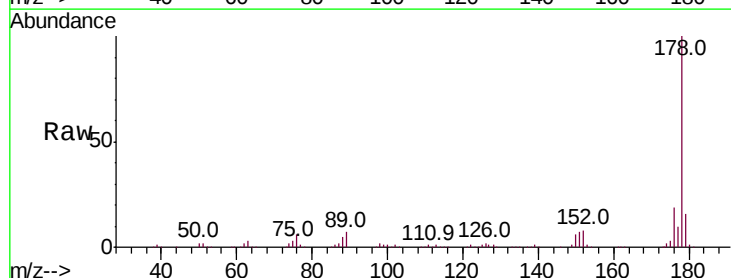
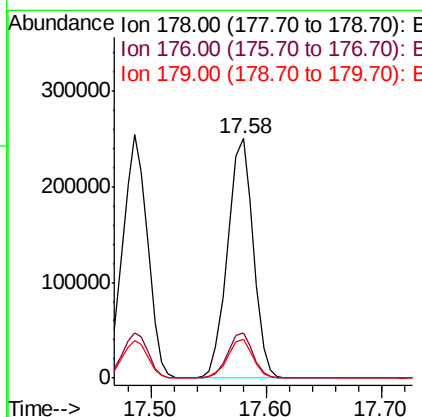
RT: 17.58 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Tgt Ion:178	Resp:	385914
Ion Ratio	Lower	Upper
178	100	
176	19.2	15.1 22.7
179	16.4	12.9 19.3





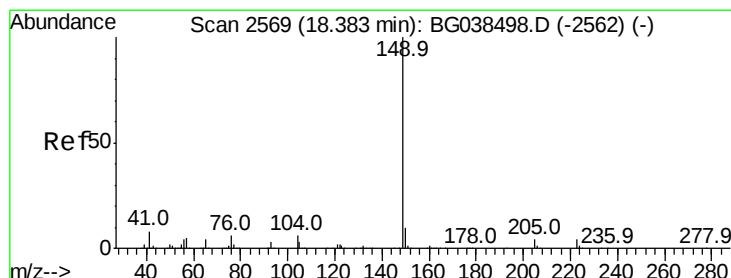
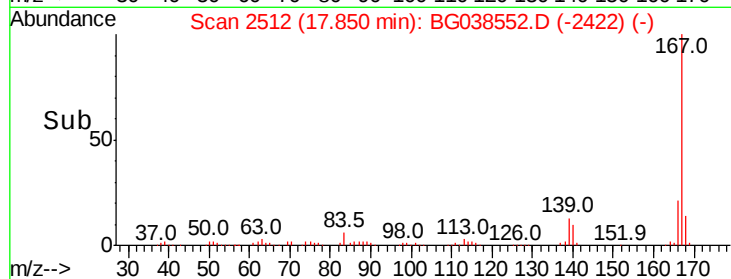
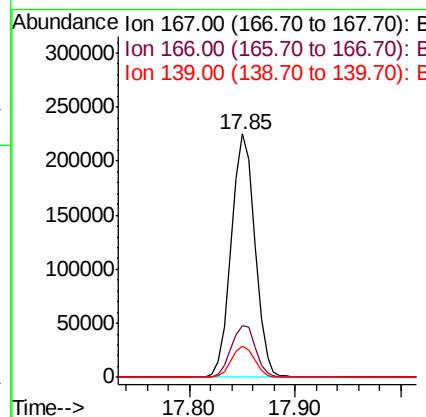
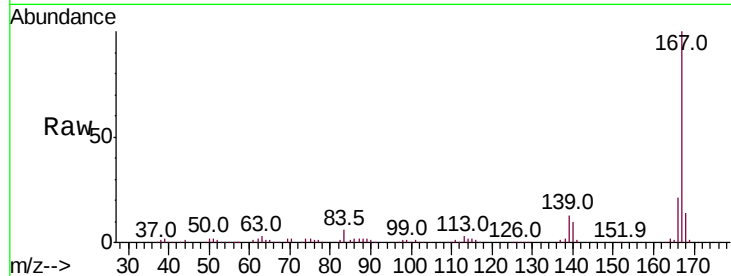
#73
 Carbazole
 Concen: 39.983 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

Tot Ion	Ratio	Resp Lower	Upper
167	100		
166	21.3	17.9	26.9
139	12.8	10.2	15.2

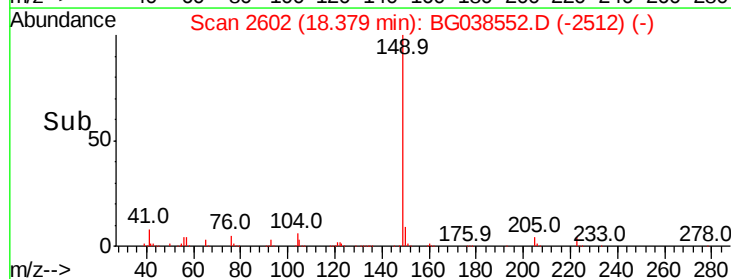
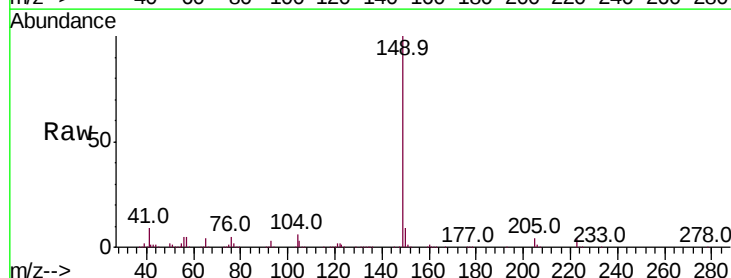
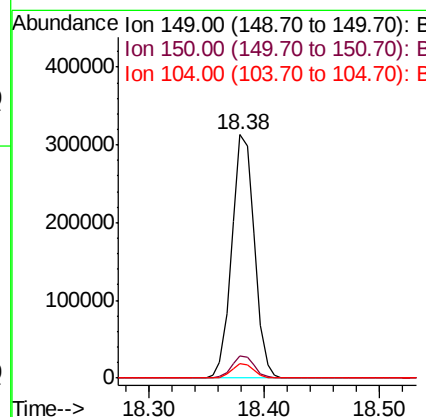
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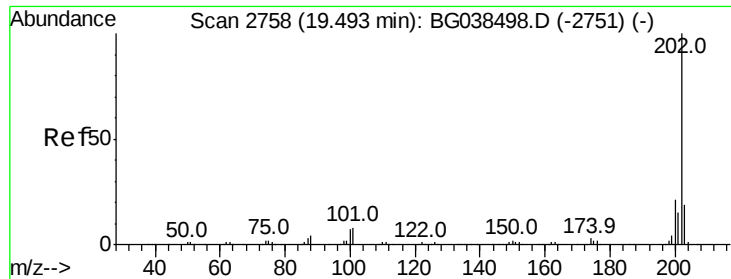
Sohil
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#74
 Di-n-butylphthalate
 Concen: 42.308 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

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





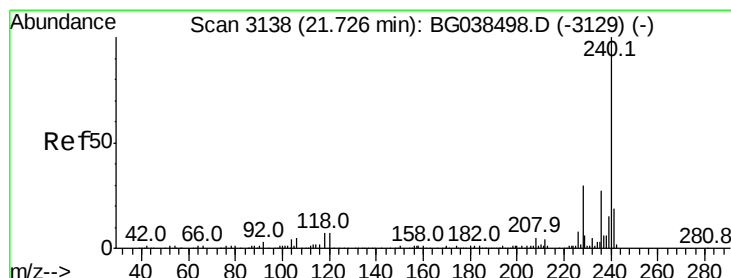
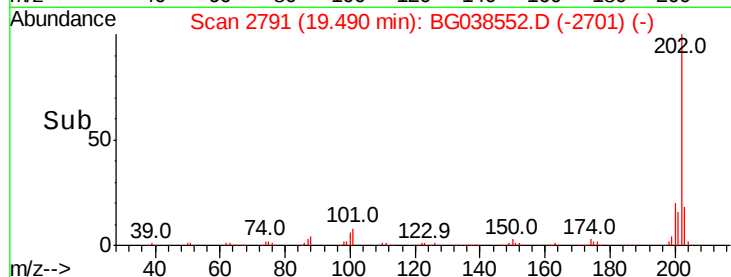
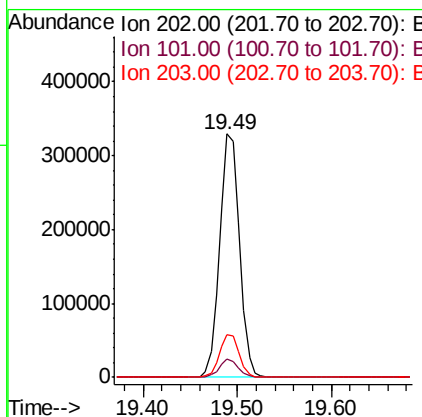
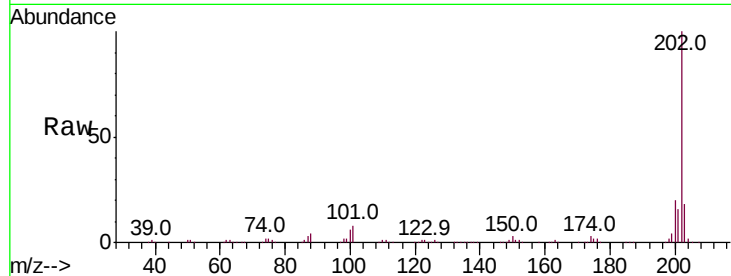
#75
 Fluoranthene
 Concen: 43.877 ng
 RT: 19.49 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.7	0.0	28.1
203	17.8	0.0	39.0

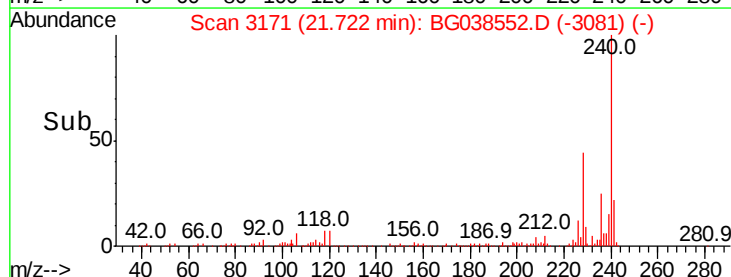
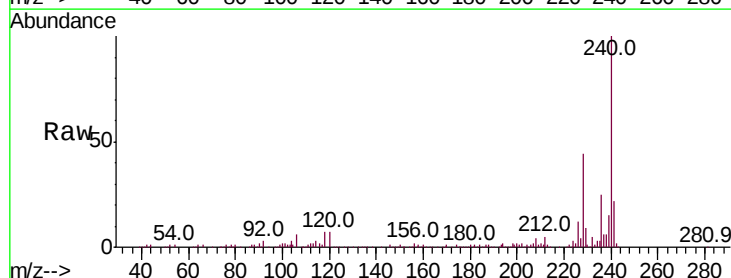
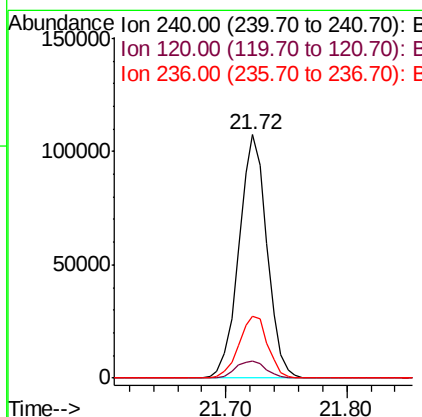
Manual Integrations
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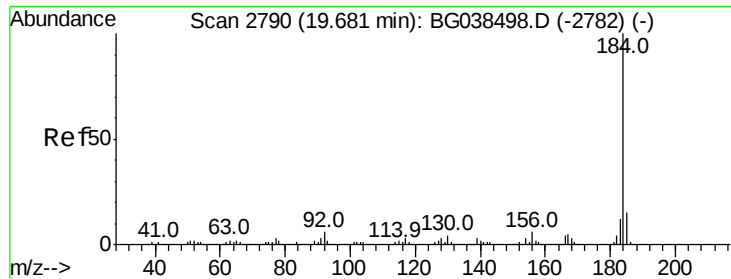
Sohil
 12/14/2018 12:56:39 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.0	5.3	7.9
236	25.2	21.4	32.2





#77

Benzidine

Concen: 40.263 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

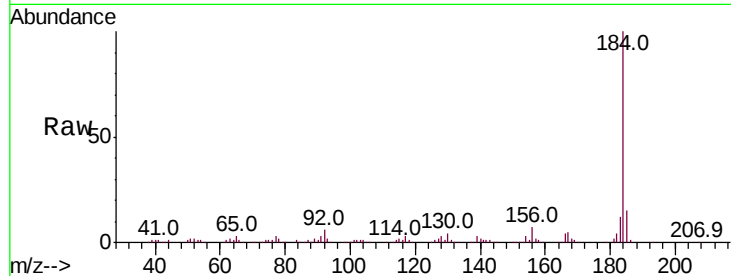
ClientSampleId :

PB115587BS

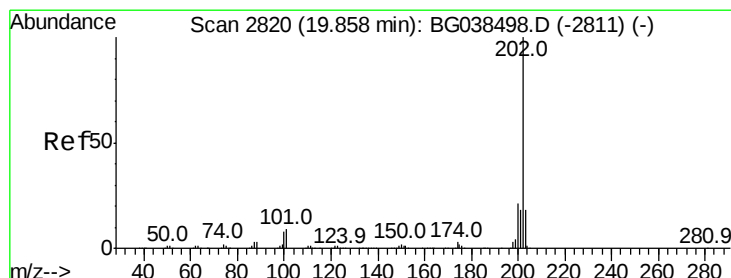
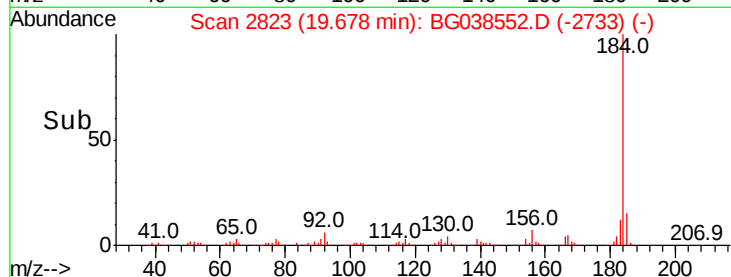
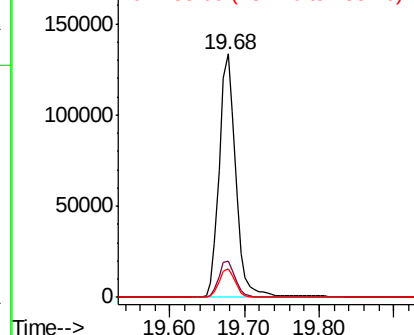
Tot Ion:	184	Resp:	206803
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.2	18.2
183	11.5	9.6	14.4

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



#78

Pyrene

Concen: 41.353 ng

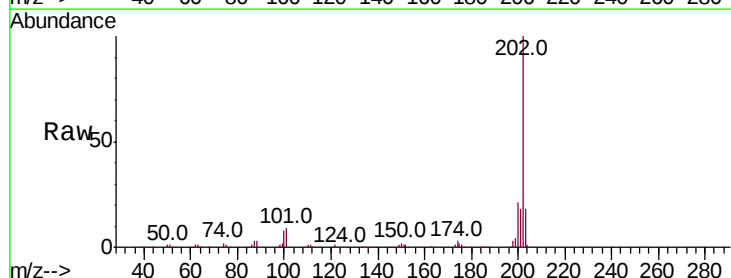
RT: 19.85 min Scan# 2853

Delta R.T. -0.00 min

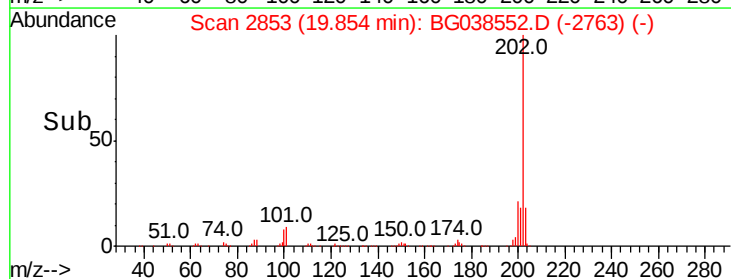
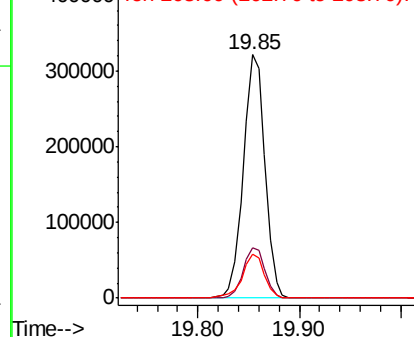
Lab File: BG038552.D

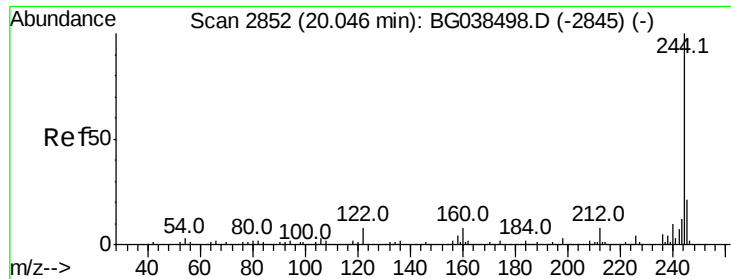
Acq: 14 Dec 2018 3:54

Tgt Ion:	202	Resp:	474461
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.6	25.0
203	18.3	14.6	21.8



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





#79

Terphenyl-d14

Concen: 75.271 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

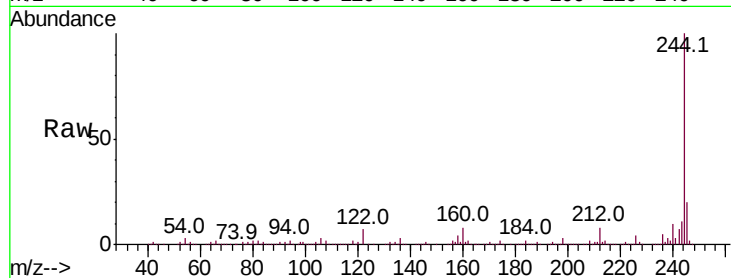
ClientSampleId :

PB115587BS

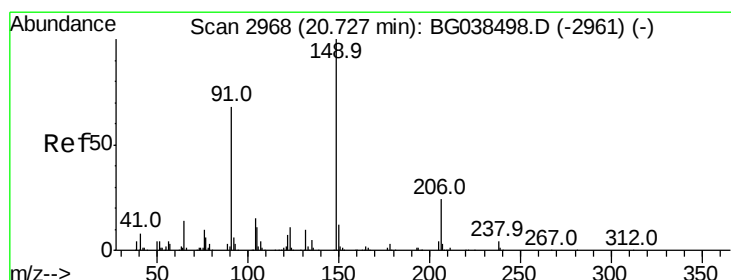
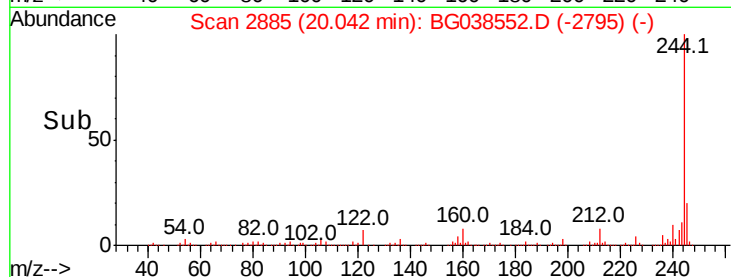
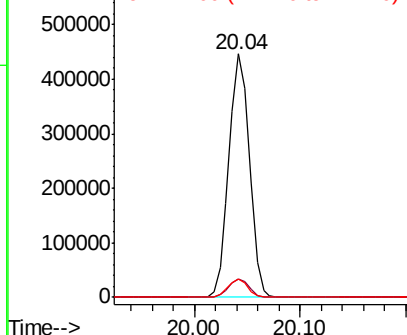
Tot Ion:	244	Resp:	600676
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.2	9.2
122	7.4	6.3	9.5

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



#80

Butylbenzylphthalate

Concen: 41.477 ng

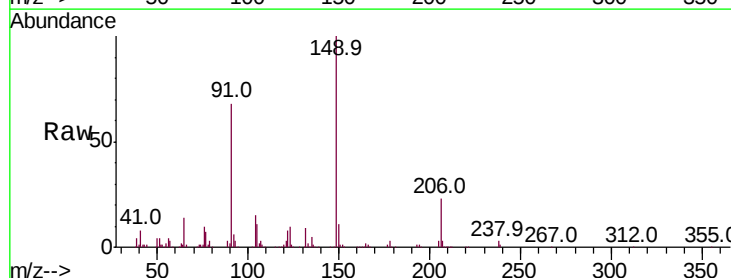
RT: 20.72 min Scan# 3001

Delta R.T. -0.00 min

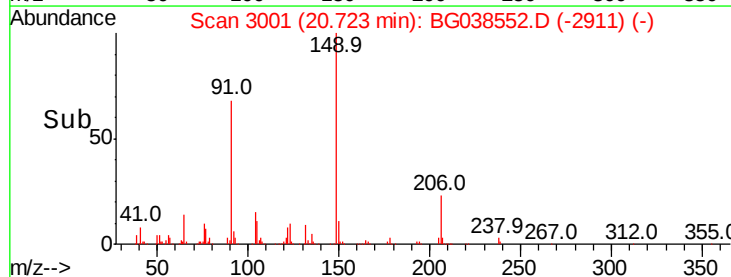
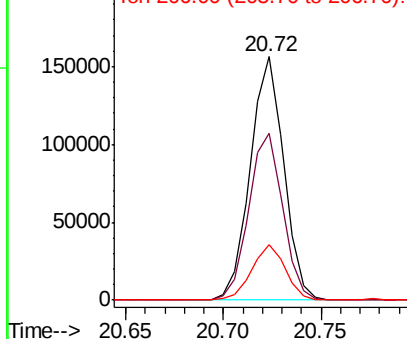
Lab File: BG038552.D

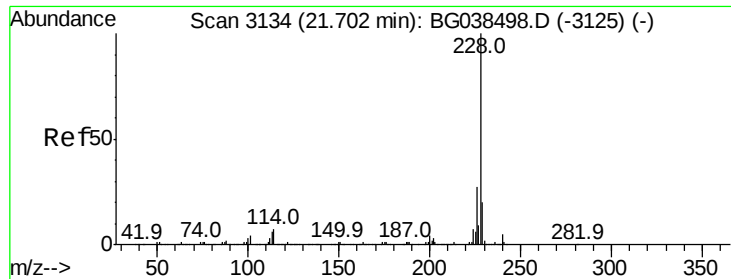
Acq: 14 Dec 2018 3:54

Tgt Ion:	149	Resp:	185925
Ion Ratio	Lower	Upper	
149	100		
91	68.4	54.5	81.7
206	22.8	19.0	28.6



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





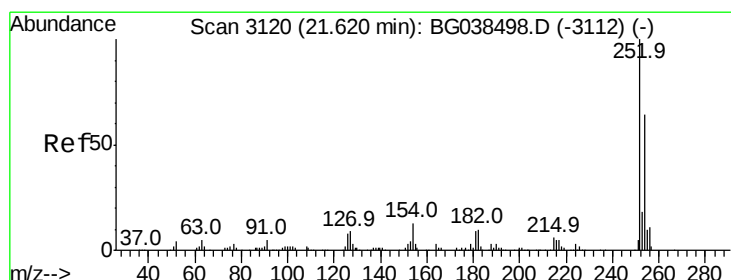
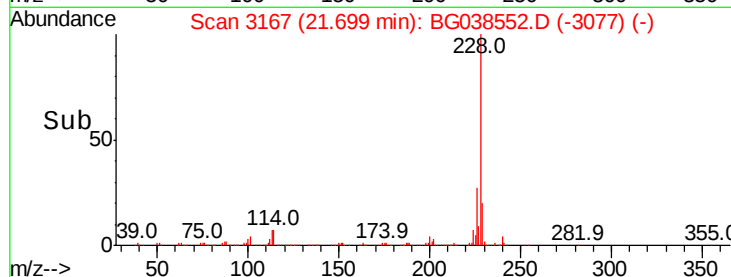
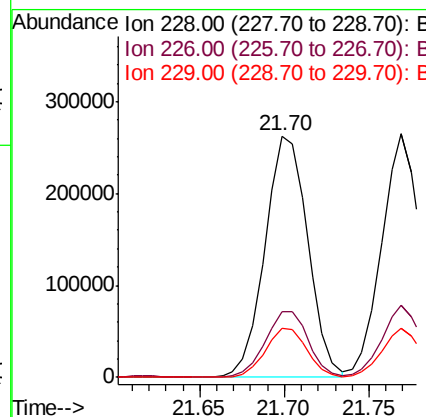
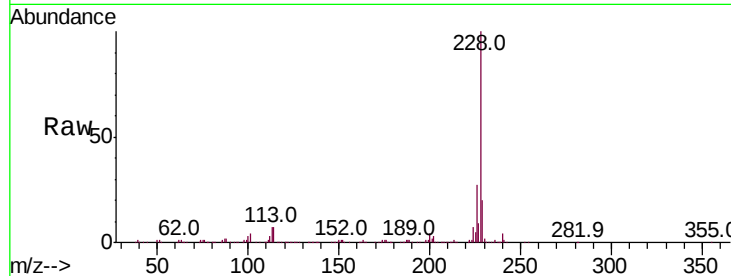
#81
Benzo(a)anthracene
Concen: 43.286 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

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

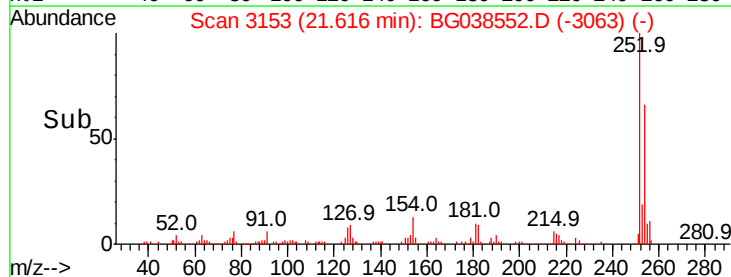
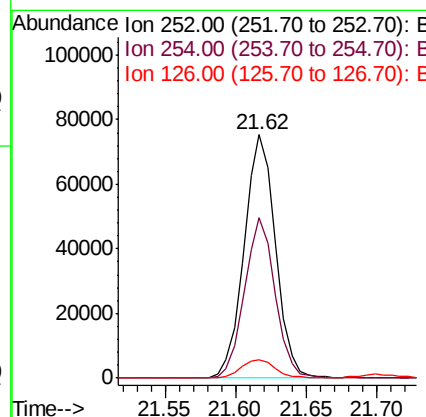
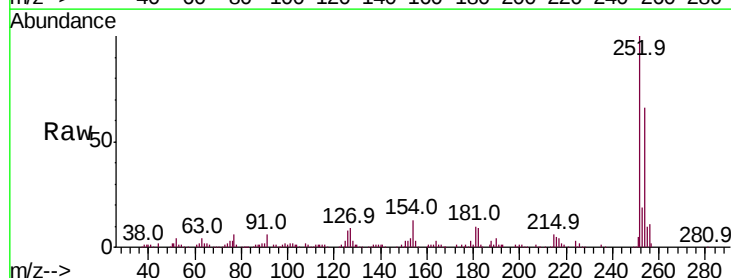
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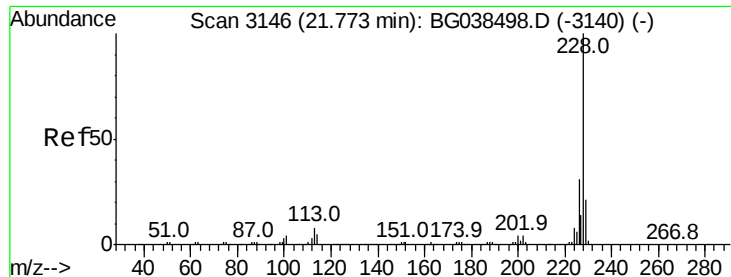
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#82
3,3'-Dichlorobenzidine
Concen: 27.976 ng
RT: 21.62 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	50.9	76.3
126	7.7	6.3	9.5





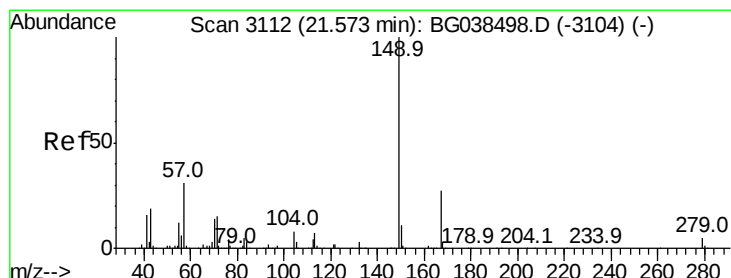
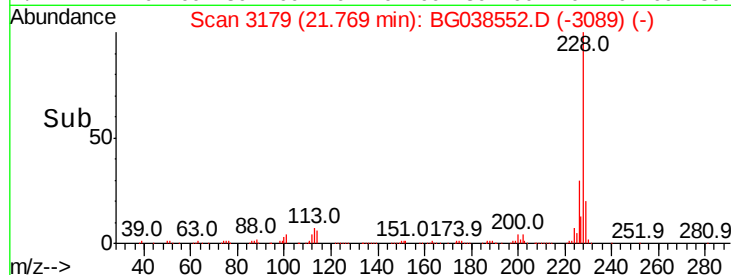
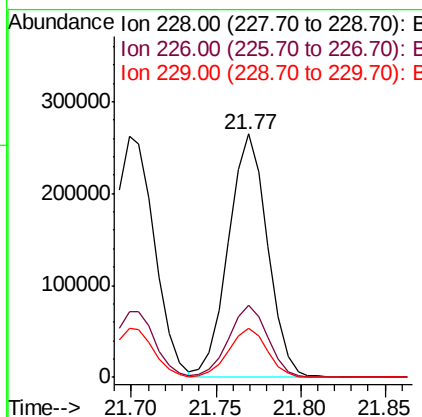
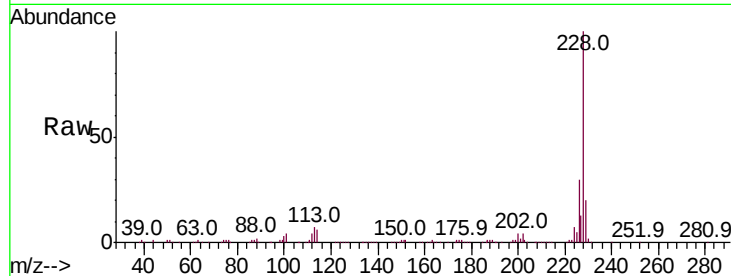
#83
 Chrysene
 Concen: 41.782 ng
 RT: 21.77 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

Tot Ion:	228	Resp:	425900
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.0	37.4
229	20.1	16.5	24.7

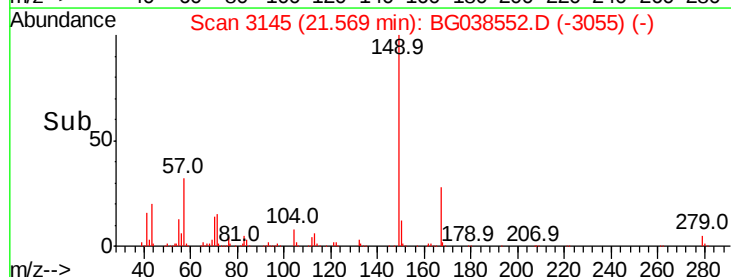
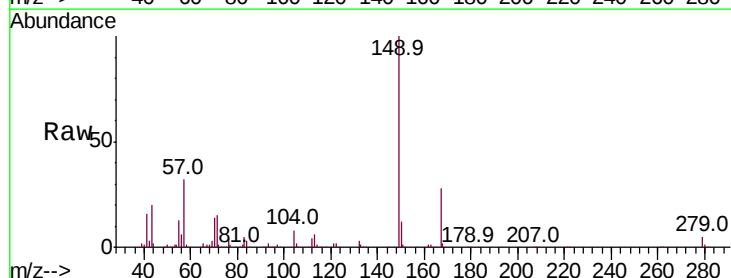
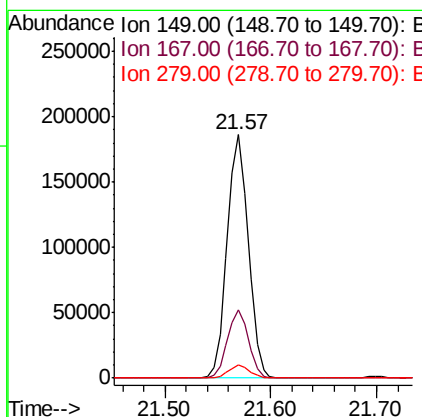
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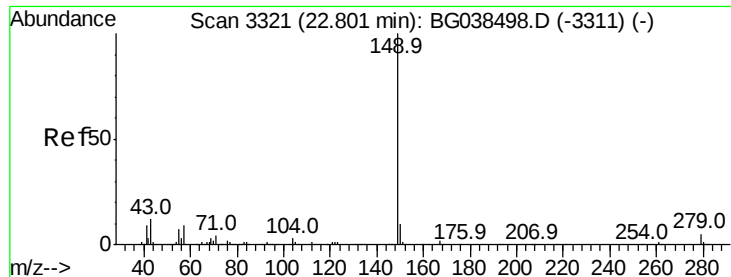
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.603 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Tgt Ion:	149	Resp:	258137
Ion Ratio	Lower	Upper	
149	100		
167	27.8	21.9	32.9
279	5.2	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 41.671 ng

RT: 22.80 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Instrument :

BNA_G

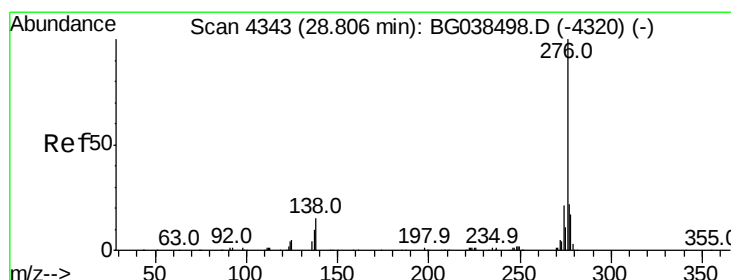
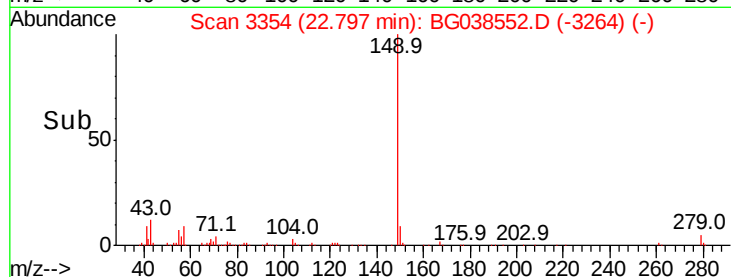
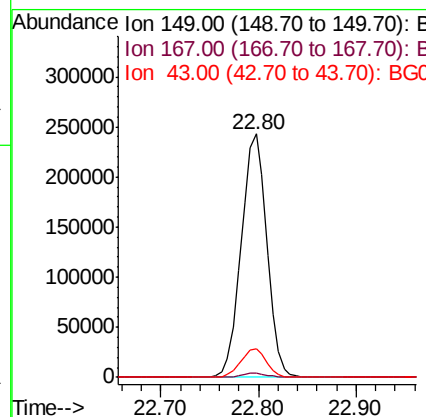
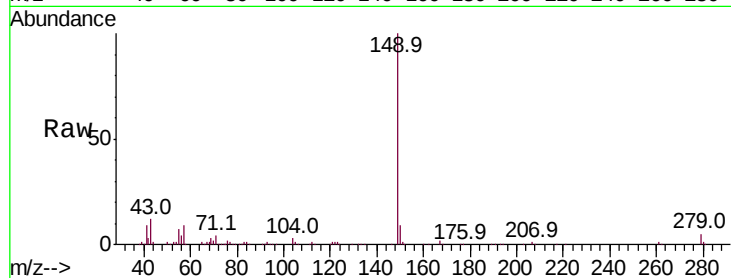
ClientSampleId :

PB115587BS

Tot Ion:	149	Resp:	443677
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	12.0	9.3	13.9

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#86

Indeno(1,2,3-cd)pyrene

Concen: 43.734 ng

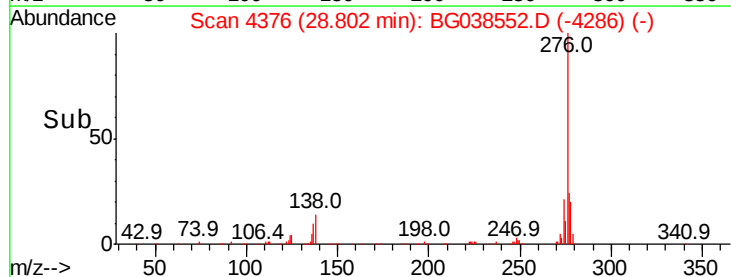
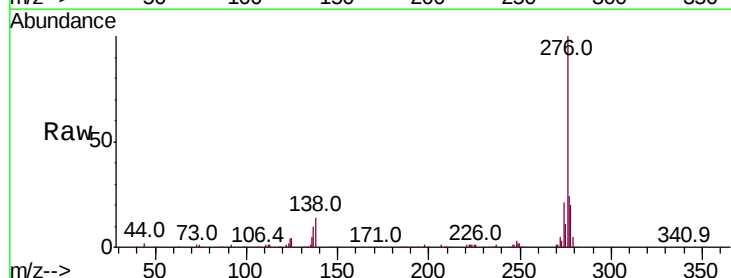
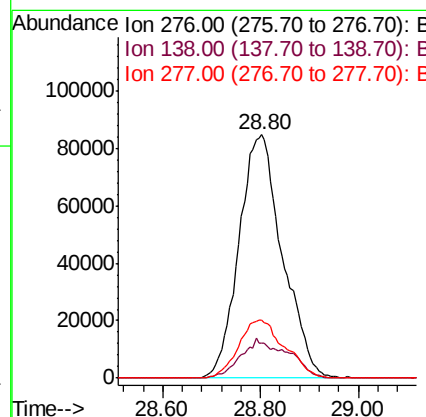
RT: 28.80 min Scan# 4376

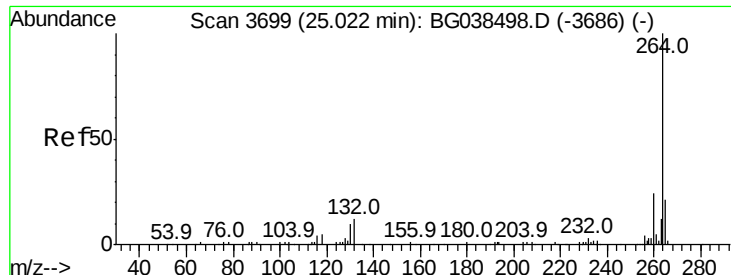
Delta R.T. -0.00 min

Lab File: BG038552.D

Acq: 14 Dec 2018 3:54

Tgt Ion:	276	Resp:	524108
Ion Ratio	Lower	Upper	
276	100		
138	17.4	14.4	21.6
277	25.3	0.0	0.0#





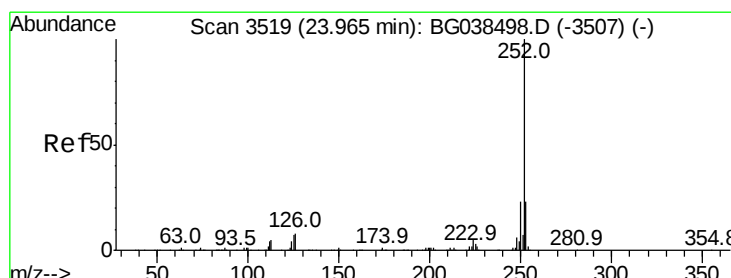
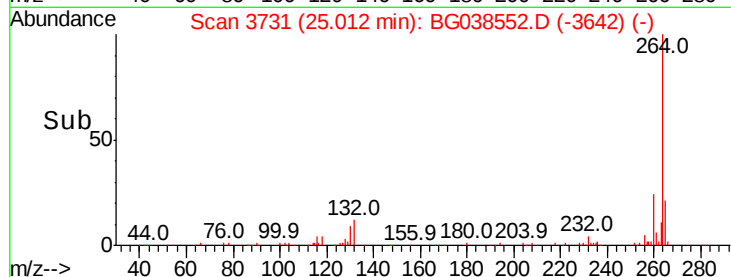
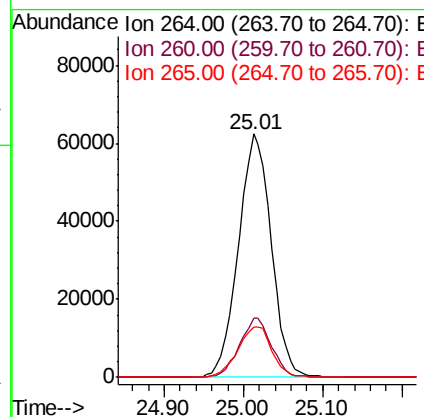
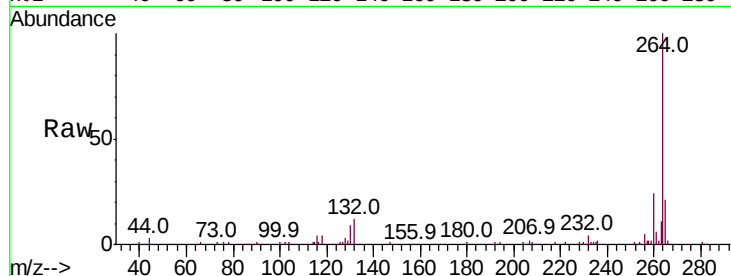
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	20.9	17.0	25.4

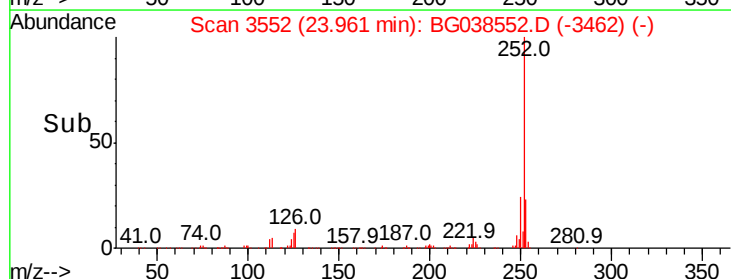
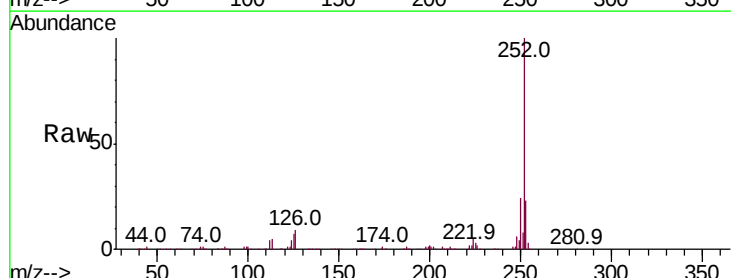
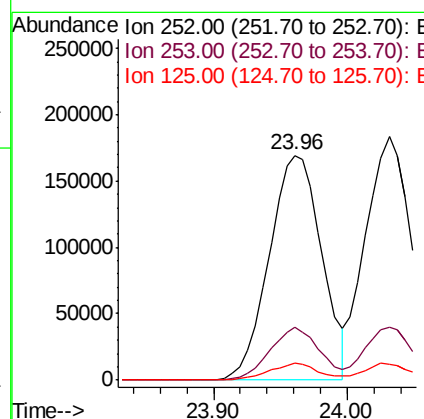
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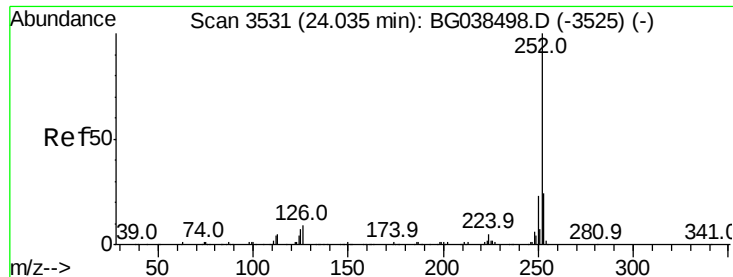
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#88
Benzo(b)fluoranthene
Concen: 46.927 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	7.4	5.5	8.3





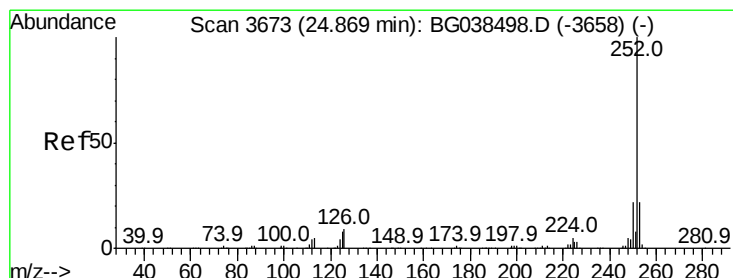
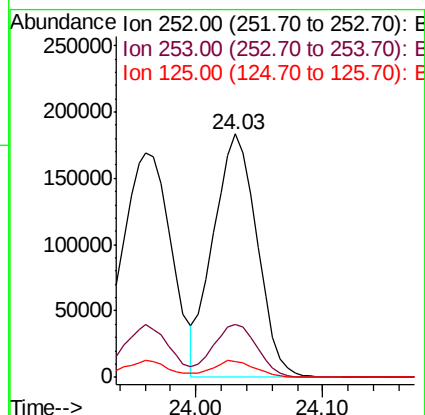
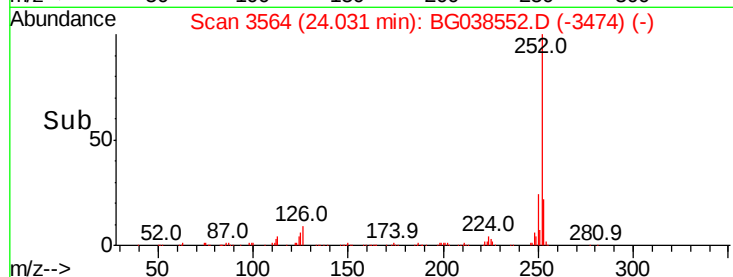
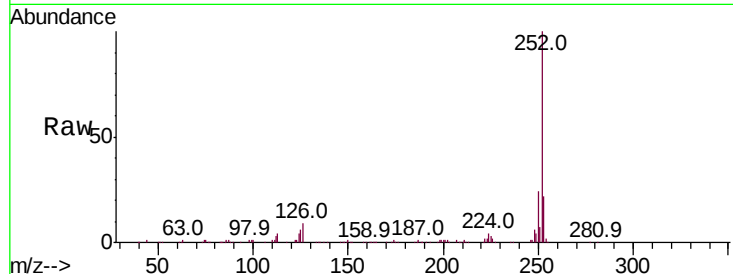
#89
Benzo(k)fluoranthene
Concen: 44.666 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.00 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.9	28.3
125	6.3	5.4	8.2

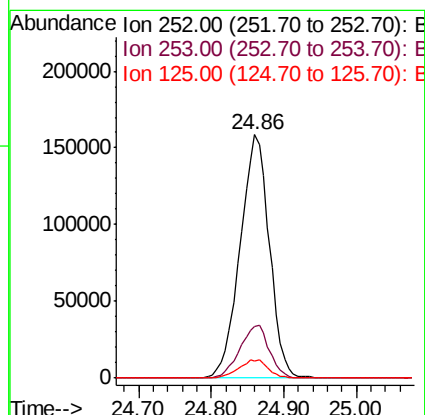
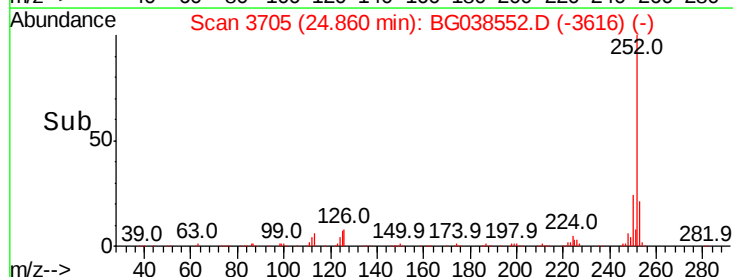
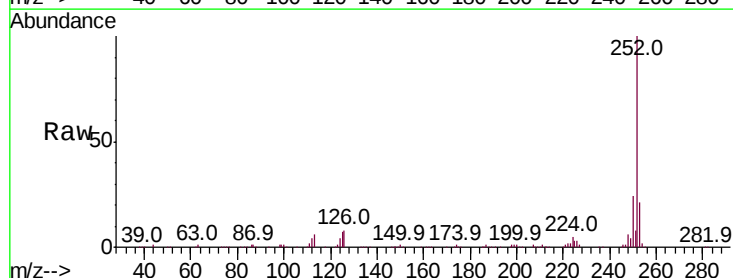
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#90
Benzo(a)pyrene
Concen: 46.810 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG038552.D
Acq: 14 Dec 2018 3:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.4	26.0
125	7.2	6.4	9.6





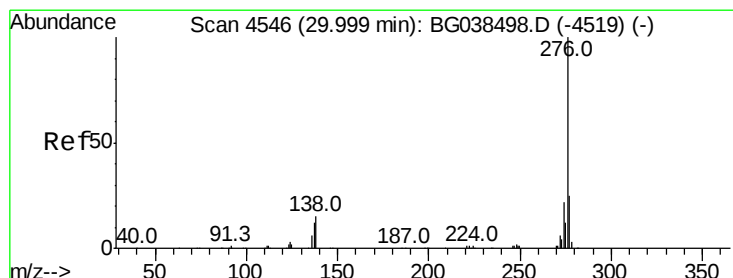
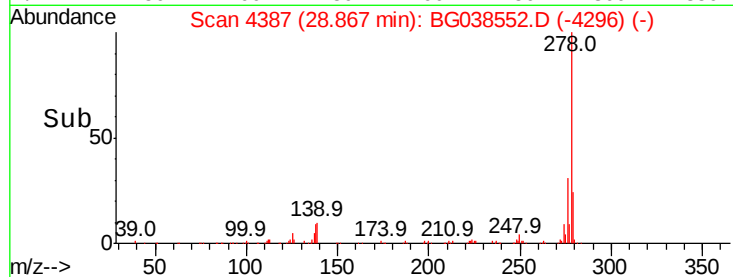
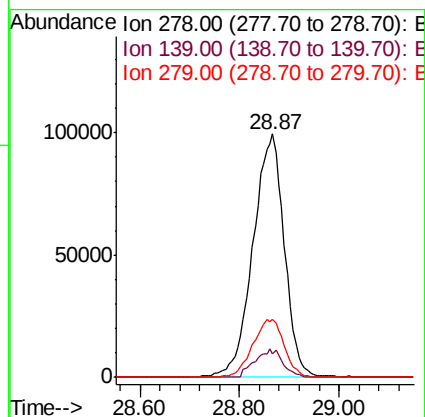
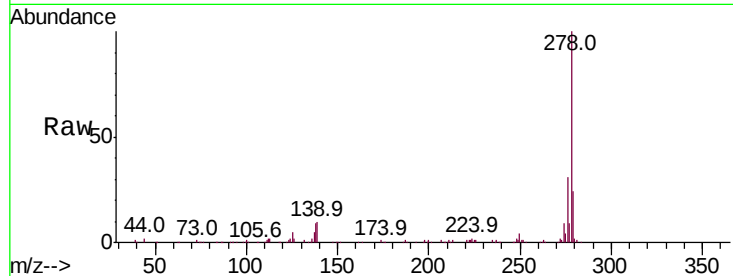
#91
 Dibenzo(a,h)anthracene
 Concen: 46.074 ng
 RT: 28.87 min Scan# 4387
 Delta R.T. 0.00 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

Tot Ion:	278	Resp:	434356
Ion Ratio	Lower	Upper	
278	100		
139	9.6	8.6	12.8
279	24.0	19.0	28.6

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#92
 Benzo(g,h,i)perylene
 Concen: 46.379 ng
 RT: 29.98 min Scan# 4577
 Delta R.T. -0.02 min
 Lab File: BG038552.D
 Acq: 14 Dec 2018 3:54

Tgt Ion:	276	Resp:	430890
Ion Ratio	Lower	Upper	
276	100		
277	22.7	19.8	29.8
138	13.0	11.8	17.6

