

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122018\
 Data File : BG038764.D
 Acq On : 20 Dec 2018 16:14
 Operator : JU/SJ
 Sample : PB115836BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115836BSD

Manual Integrations
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Sohil
 12/21/2018 2:43:36 PM

Quant Time: Dec 21 00:35:43 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	8.05	152	22695	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	91260	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	61231	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	159862	20.00	ng	0.00
76) Chrysene-d12	21.72	240	162416	20.00	ng	0.00
87) Perylene-d12	25.02	264	171462	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	160567	125.49	ng	0.00
7) Phenol-d6	7.21	99	213747	121.68	ng	0.00
23) Nitrobenzene-d5	9.23	82	112484	62.97	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	110188	130.57	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	289380	64.83	ng	0.00
79) Terphenyl-d14	20.04	244	616635	82.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	20839	34.993	ng	97
3) Pyridine	3.89	79	56217	34.287	ng	92
4) n-Nitrosodimethylamine	3.82	42	33462	41.652	ng	# 91
6) Aniline	7.38	93	69127	30.827	ng	98
8) 2-Chlorophenol	7.62	128	67024	45.264	ng	97
9) Benzaldehyde	7.20	77	20172	17.702	ng	91
10) Phenol	7.24	94	84992	45.543	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	56848	38.261	ng	92
12) 1,3-Dichlorobenzene	7.94	146	69451	39.668	ng	98
13) 1,4-Dichlorobenzene	8.09	146	71701	39.987	ng	97
14) 1,2-Dichlorobenzene	8.41	146	68517	40.532	ng	96
15) Benzyl Alcohol	8.30	79	59982	43.748	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	119627	35.147	ng	98
17) 2-Methylphenol	8.49	107	56918	45.522	ng	97
18) Hexachloroethane	9.13	117	25313	38.632	ng	90
19) n-Nitroso-di-n-propylamine	8.86	70	45875	37.184	ng	# 99
20) 3+4-Methylphenols	8.82	107	77852	45.085	ng	97
22) Acetophenone	8.89	105	94311	41.374	ng	97
24) Nitrobenzene	9.27	77	73731	40.800	ng	98
25) Isophorone	9.79	82	133415	41.568	ng	98
26) 2-Nitrophenol	9.99	139	38556	41.685	ng	92
27) 2,4-Dimethylphenol	10.03	122	67893	51.218	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	75702	41.795	ng	100
29) 2,4-Dichlorophenol	10.52	162	73353	49.742	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	77347	43.422	ng	96
31) Naphthalene	10.93	128	204821	45.552	ng	99
32) Benzoic acid	10.19	122	27249m	35.674	ng	
33) 4-Chloroaniline	11.04	127	50033	25.630	ng	98
34) Hexachlorobutadiene	11.18	225	50791	42.140	ng	95
35) Caprolactam	11.82	113	23866	39.106	ng	# 89
36) 4-Chloro-3-methylphenol	12.15	107	74289	44.145	ng	97
37) 2-Methylnaphthalene	12.52	142	151606	47.261	ng	99
38) 1-Methylnaphthalene	12.74	142	149318	47.969	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	93836	40.998	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	111427	88.613	nq	94
43) 2,4,6-Trichlorophenol	13.13	196	64351	45.727	nq	98
44) 2,4,5-Trichlorophenol	13.21	196	71297	47.850	nq	95
46) 1,1'-Biphenyl	13.53	154	201782	39.310	nq	98
47) 2-Chloronaphthalene	13.58	162	164314	41.440	nq	97
48) 2-Nitroaniline	13.79	65	53520	42.376	nq	99
49) Acenaphthylene	14.42	152	269183	45.412	nq	99
50) Dimethylphthalate	14.14	163	210960	42.189	nq	99
51) 2,6-Dinitrotoluene	14.27	165	49040	43.277	nq	93
52) Acenaphthene	14.76	154	152420	43.002	nq	98
53) 3-Nitroaniline	14.61	138	36897	31.942	nq	96
54) 2,4-Dinitrophenol	14.82	184	52194	77.580	nq	97
55) Dibenzofuran	15.09	168	262534	43.209	nq	95
56) 4-Nitrophenol	14.92	139	73682	84.083	nq	99
57) 2,4-Dinitrotoluene	15.06	165	70541	44.198	nq	95
58) Fluorene	15.74	166	211613	47.010	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	63446	47.329	nq	99
60) Diethylphthalate	15.50	149	220707	40.207	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	120999	43.081	nq	98
62) 4-Nitroaniline	15.78	138	52482	44.132	nq	97
63) Azobenzene	16.02	77	191163	41.687	nq	97
65) 4,6-Dinitro-2-methylphenol	15.82	198	44374	38.912	nq	91
66) n-Nitrosodiphenylamine	15.94	169	195190	41.555	nq	97
67) 4-Bromophenyl-phenylether	16.62	248	81405	41.695	nq	96
68) Hexachlorobenzene	16.74	284	86568	42.774	nq	97
69) Atrazine	16.89	200	79638	45.686	nq	97
70) Pentachlorophenol	17.09	266	89096	74.428	nq	96
71) Phenanthrene	17.48	178	375366	45.280	nq	99
72) Anthracene	17.58	178	382431	46.730	nq	99
73) Carbazole	17.85	167	338450	41.817	nq	99
74) Di-n-butylphthalate	18.38	149	390428	42.040	nq	99
75) Fluoranthene	19.49	202	469927	45.816	nq	97
77) Benzidine	19.67	184	207759	43.253	nq	99
78) Pyrene	19.86	202	464442	43.286	nq	98
80) Butylbenzylphthalate	20.72	149	176822	42.181	nq	98
81) Benzo(a)anthracene	21.70	228	459801	46.460	nq	99
82) 3,3'-Dichlorobenzidine	21.61	252	125784	32.046	nq	99
83) Chrysene	21.77	228	423941	44.473	nq	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	245943	41.367	nq	99
85) Di-n-octyl phthalate	22.79	149	419283	42.110	nq	98
86) Indeno(1,2,3-cd)pyrene	28.80	276	511671	45.656	nq	# 83
88) Benzo(b)fluoranthene	23.96	252	471828	50.120	nq	99
89) Benzo(k)fluoranthene	24.03	252	428643	45.725	nq	97
90) Benzo(a)pyrene	24.86	252	440774	48.533	nq	98
91) Dibenzo(a,h)anthracene	28.86	278	428329	47.367	nq	97
92) Benzo(g,h,i)perylene	29.99	276	415967	46.677	nq	96

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

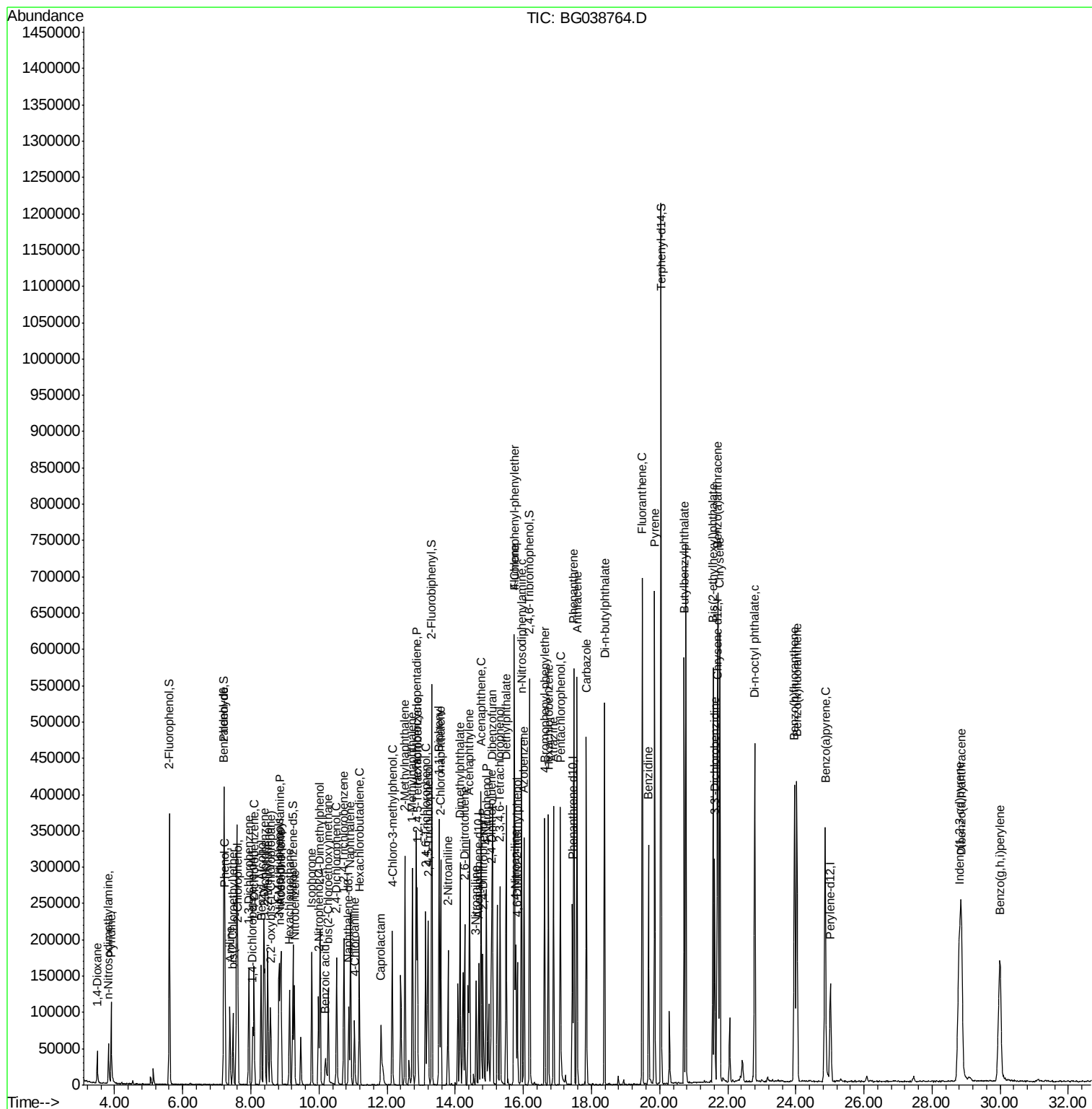
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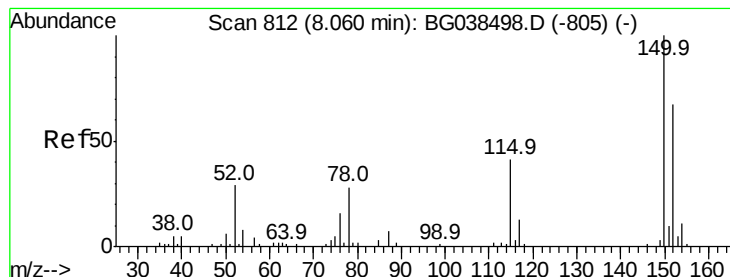
Instrument :
BNA_G
ClientSampleId :
PB115836BSD

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#1

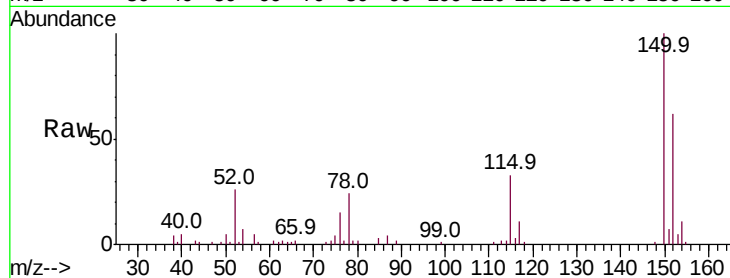
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_G
ClientSampleId :
PB115836BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	119.5	179.3
115	52.9	49.6	74.4

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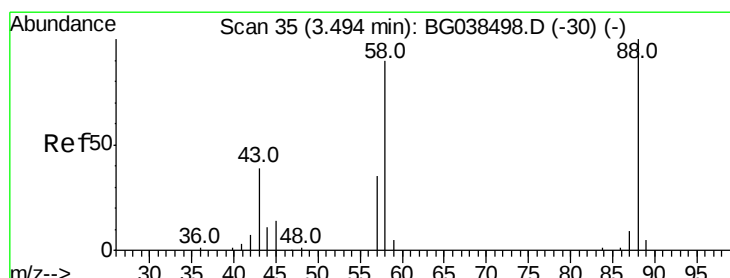
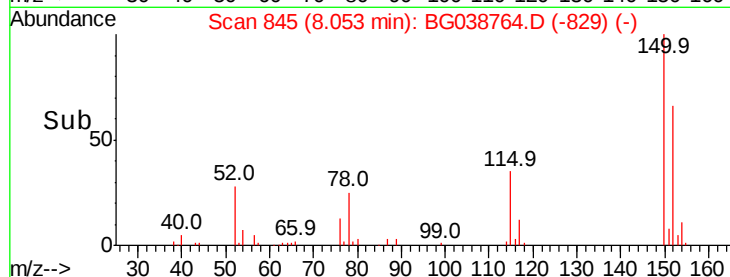
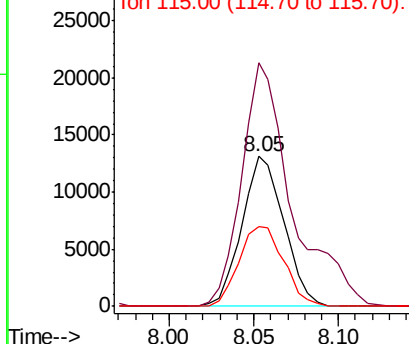


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

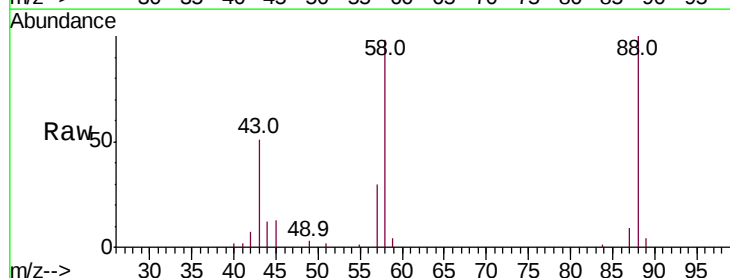
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.993 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.3	75.7	113.5
43	39.0	31.6	47.4

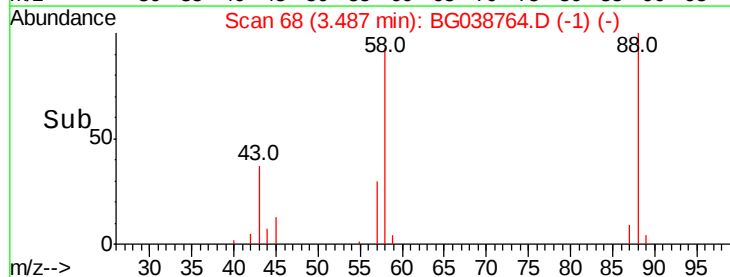
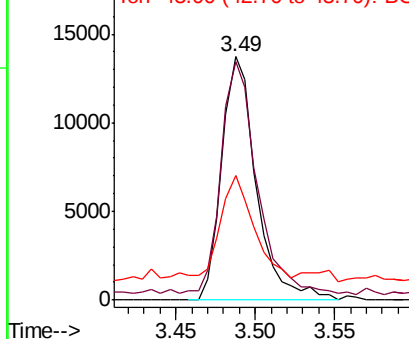


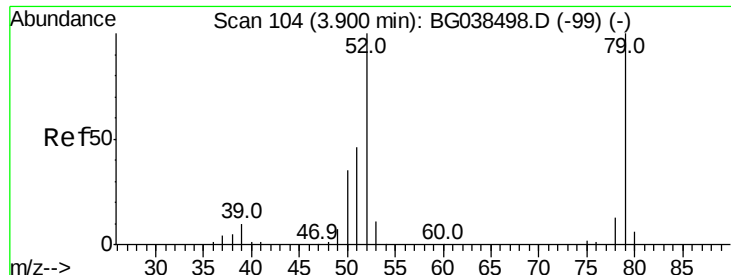
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





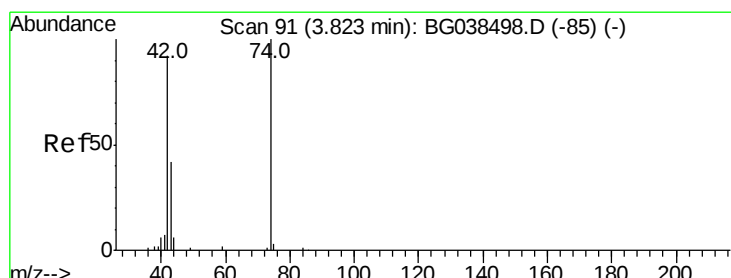
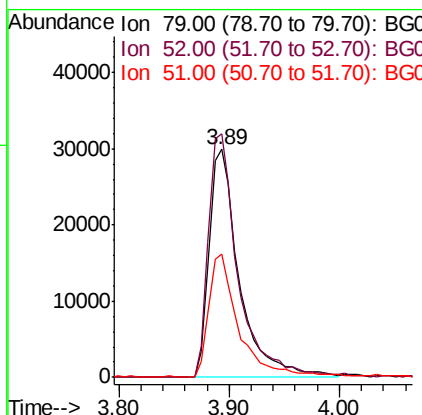
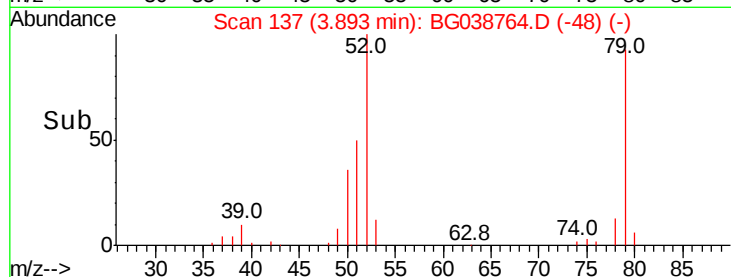
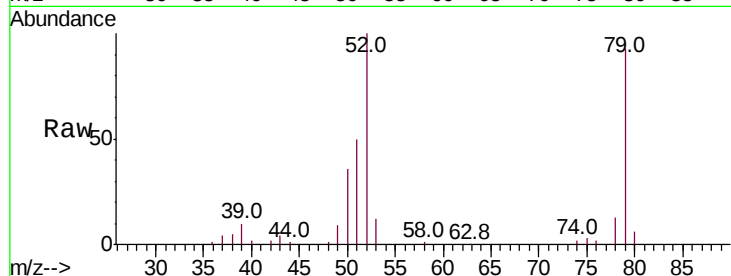
#3
 Pvridine
 Concen: 34.287 ng
 RT: 3.89 min Scan# 137
 Delta R.T. -0.01 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115836BSD

Tot Ion: 79 Resp: 56217
 Ion Ratio Lower Upper
 79 100
 52 107.0 80.2 120.2
 51 53.9 38.0 57.0

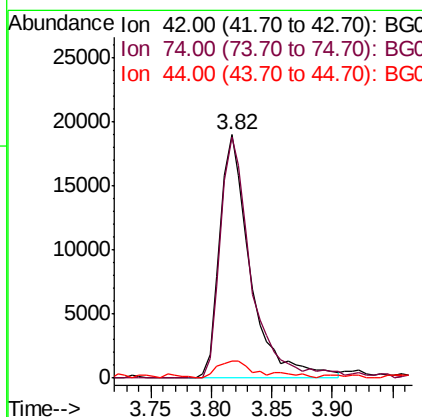
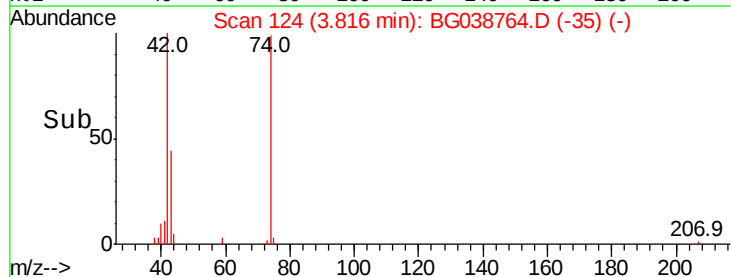
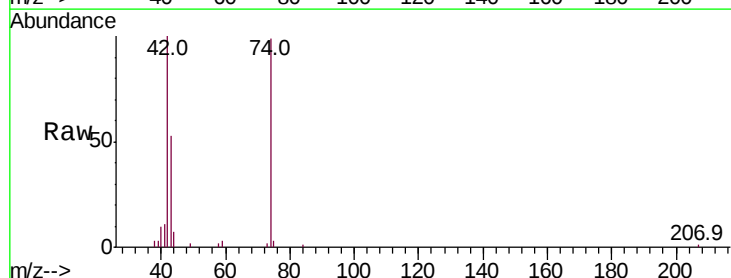
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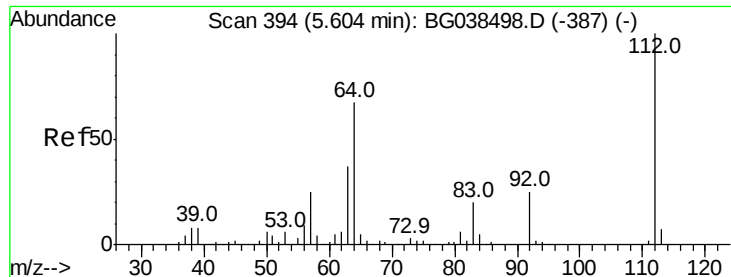
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#4
 n-Nitrosodimethylamine
 Concen: 41.652 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Tgt Ion: 42 Resp: 33462
 Ion Ratio Lower Upper
 42 100
 74 99.2 86.7 130.1
 44 7.1 7.8 11.8#





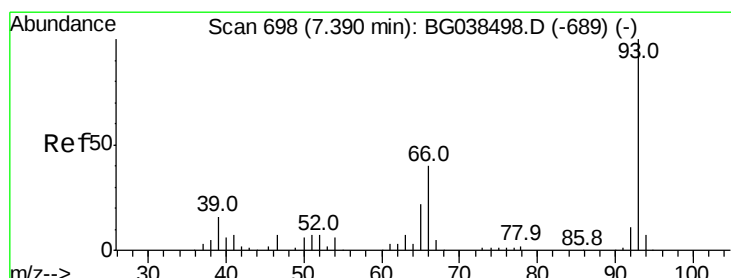
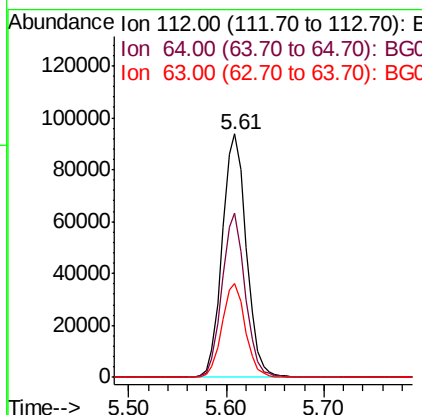
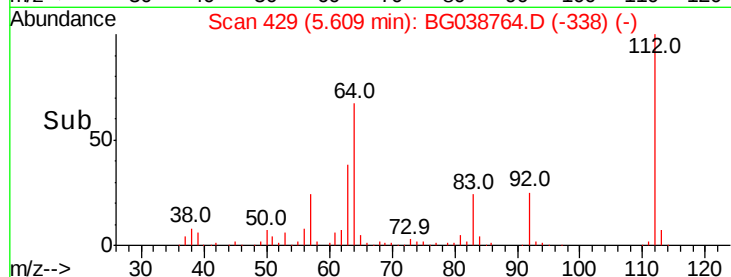
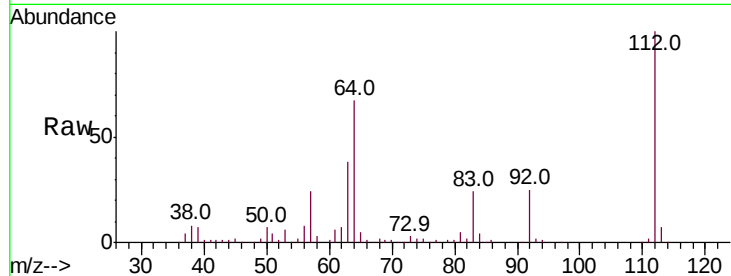
#5
 2-Fluorophenol
 Concen: 125.486 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115836BSD

Tot Ion:	112	Resp:	160567
Ion Ratio	Lower	Upper	
112	100		
64	67.2	53.4	80.2
63	38.4	29.3	43.9

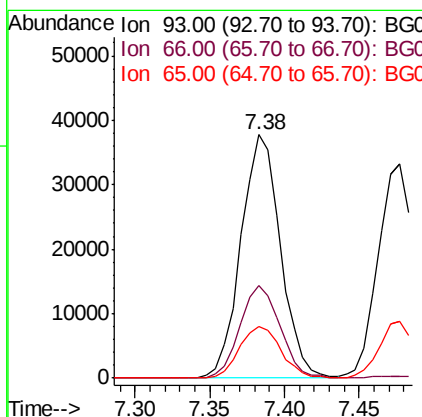
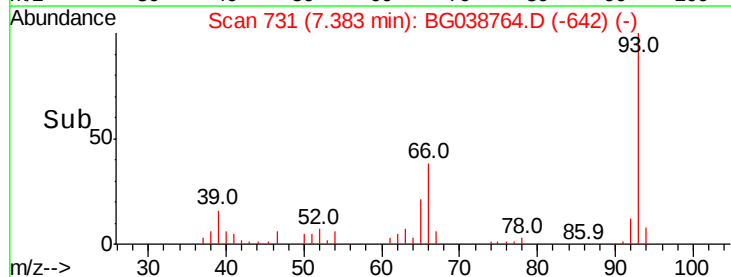
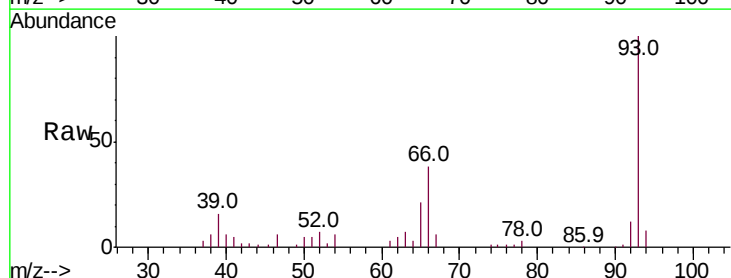
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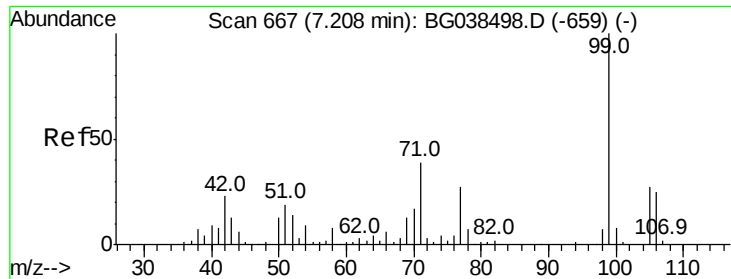
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#6
 Aniline
 Concen: 30.827 ng
 RT: 7.38 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Tgt Ion:	93	Resp:	69127
Ion Ratio	Lower	Upper	
93	100		
66	38.1	31.7	47.5
65	21.1	17.8	26.6





#7

Phenol-d6

Concen: 121.683 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038764.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_G

ClientSampleId :

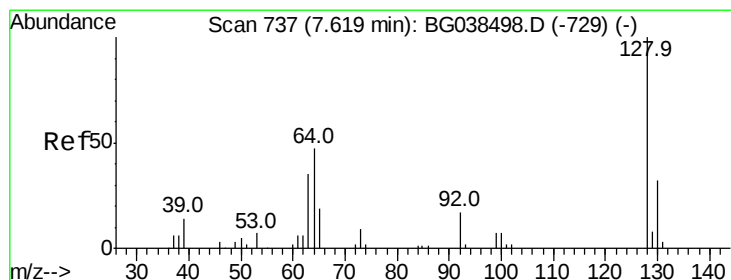
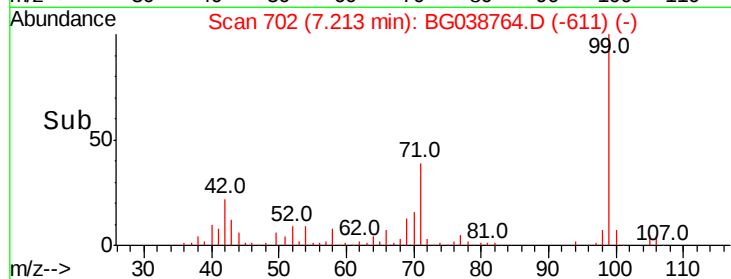
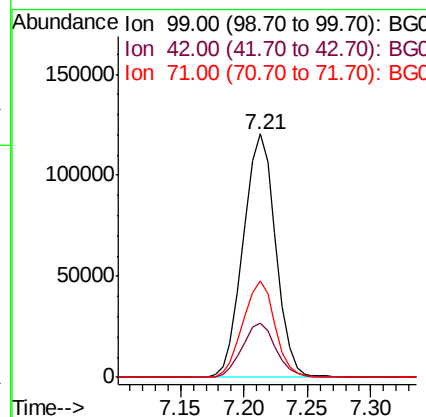
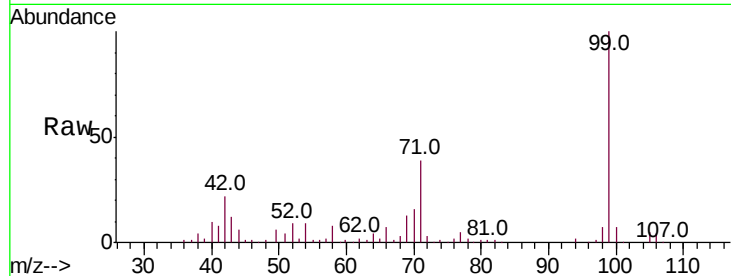
PB115836BSD

Tot Ion: 99 Resp: 213747

Ion	Ratio	Lower	Upper
99	100		
42	22.2	18.5	27.7
71	39.5	31.1	46.7

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#8

2-Chlorophenol

Concen: 45.264 ng

RT: 7.62 min Scan# 771

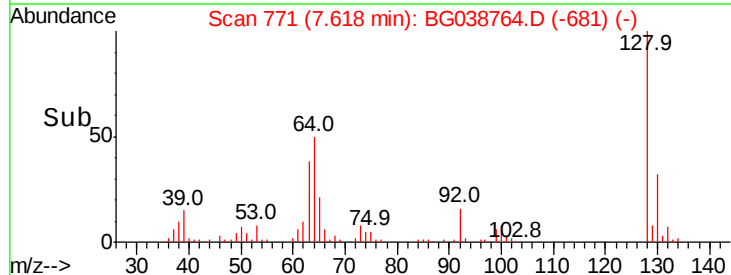
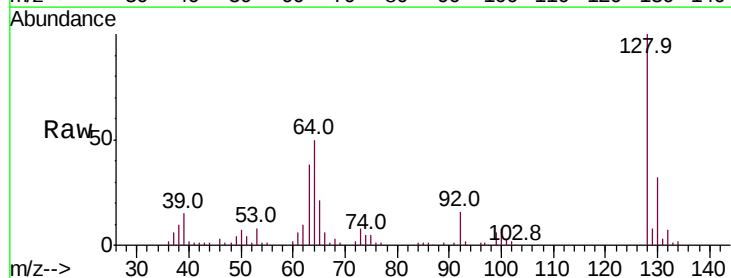
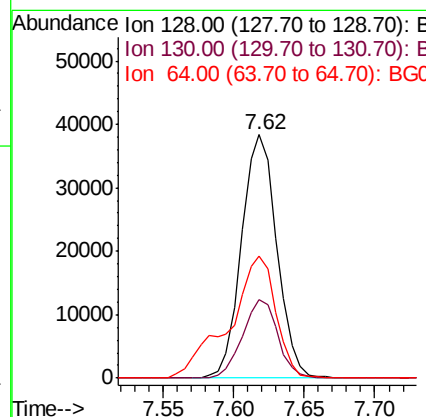
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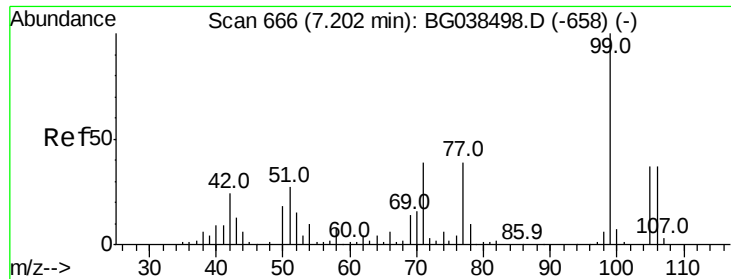
Lab File: BG038764.D

Acq: 20 Dec 2018 16:14

Tgt Ion: 128 Resp: 67024

Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.8	51.8
64	50.0	33.2	73.2





#9

Benzaldehyde

Concen: 17.702 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038764.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_G

ClientSampleId :

PB115836BSD

Tot Ion: 77 Resp: 20172

Ion Ratio Lower Upper

77 100

105 109.5 74.0 114.0

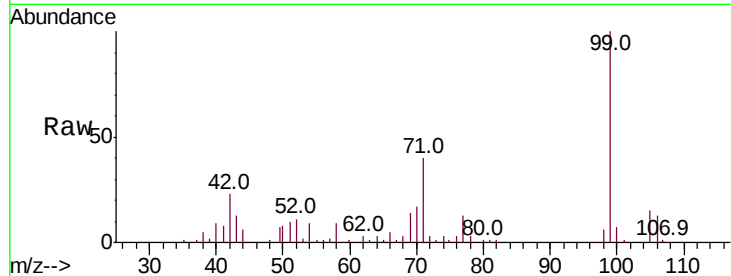
106 96.7 73.9 113.9

Manual Integrations

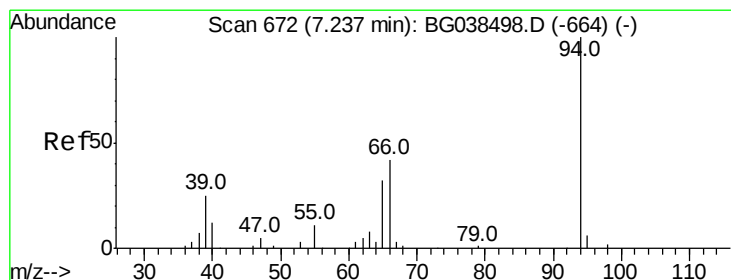
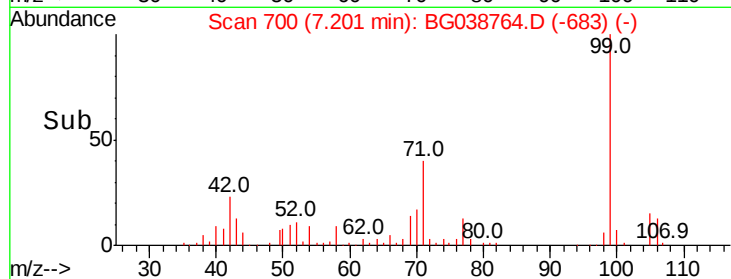
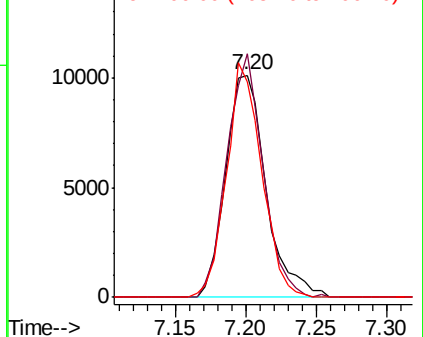
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.543 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038764.D

Acq: 20 Dec 2018 16:14

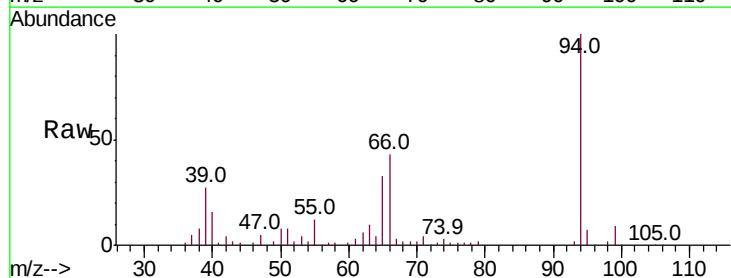
Tgt Ion: 94 Resp: 84992

Ion Ratio Lower Upper

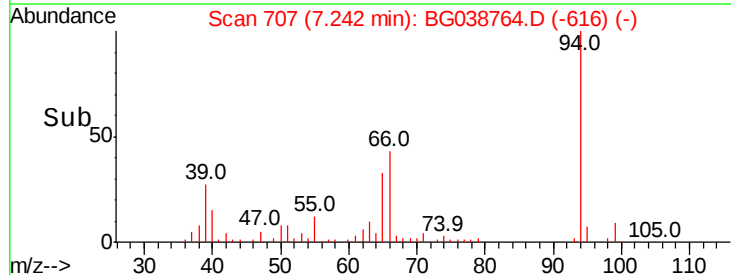
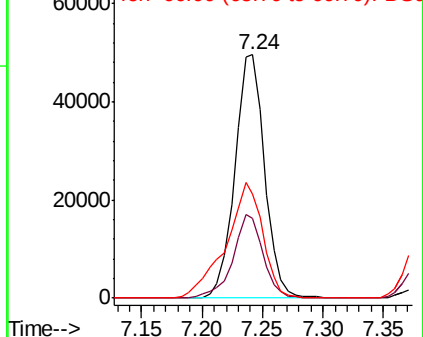
94 100

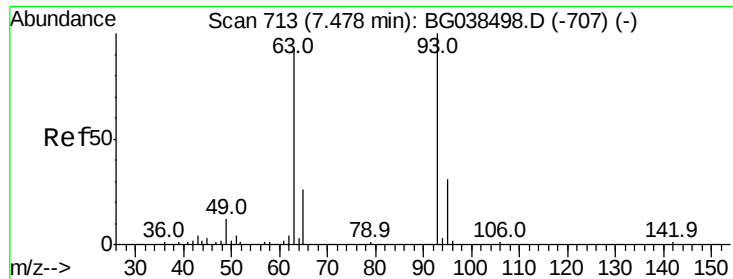
65 32.7 12.6 52.6

66 42.6 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





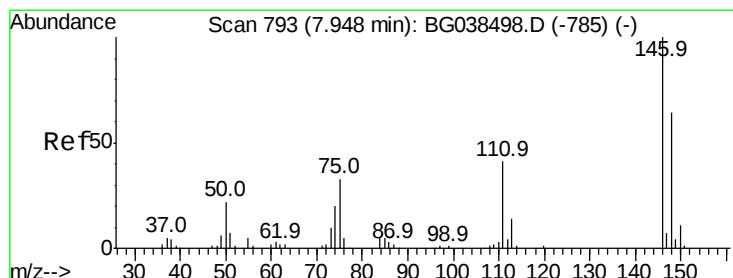
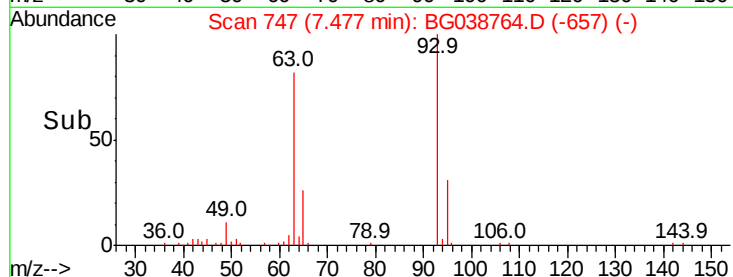
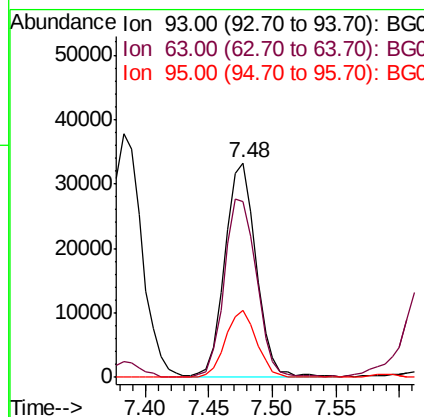
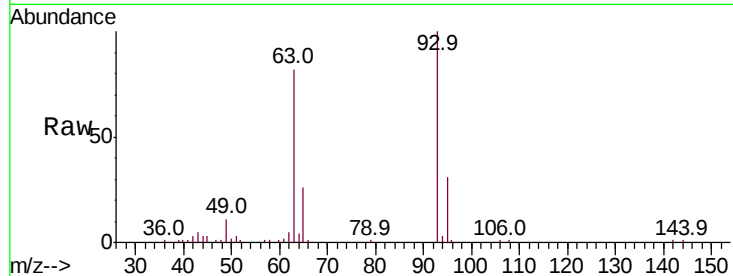
#11
bis(2-Chloroethyl)ether
Concen: 38.261 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_G
ClientSampleId :
PB115836BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.1	72.2	112.2
95	31.5	11.2	51.2

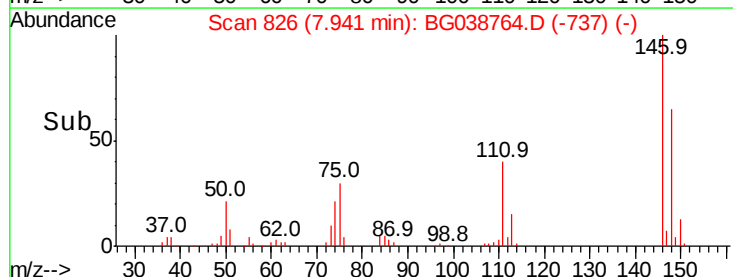
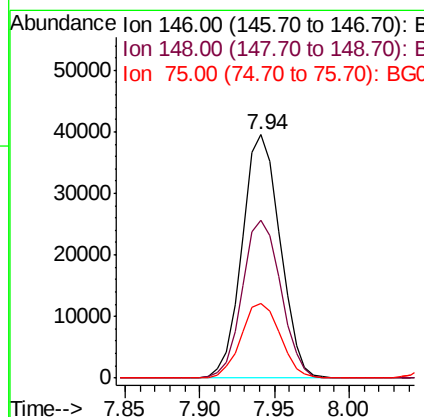
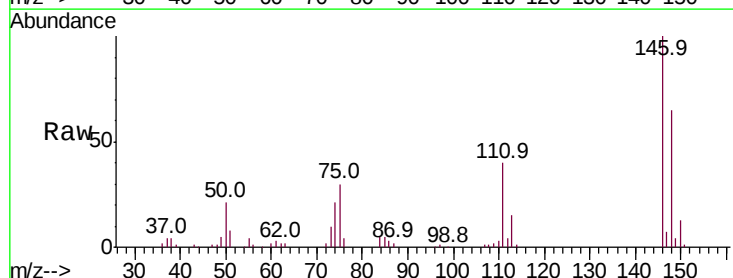
Manual Integrations
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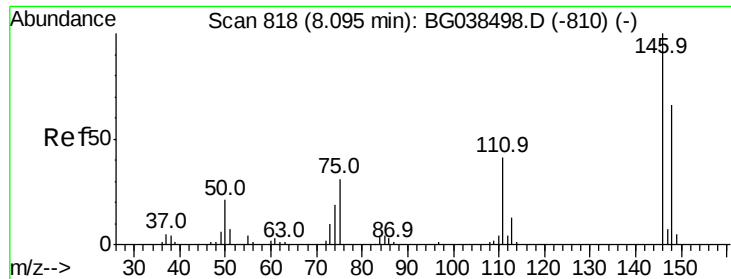
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.668 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
75	30.4	26.1	39.1





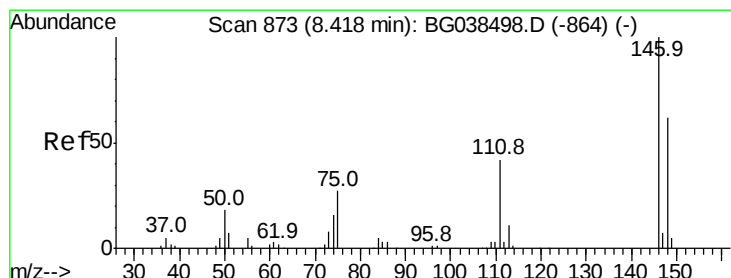
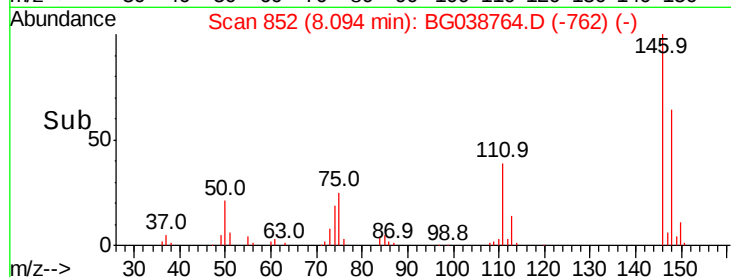
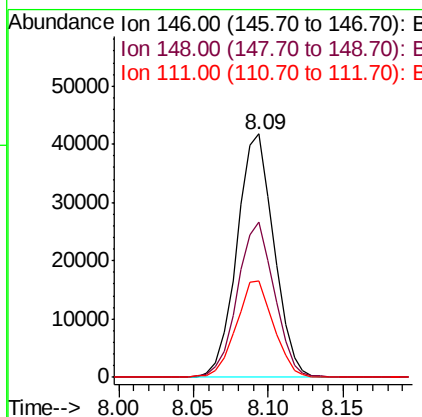
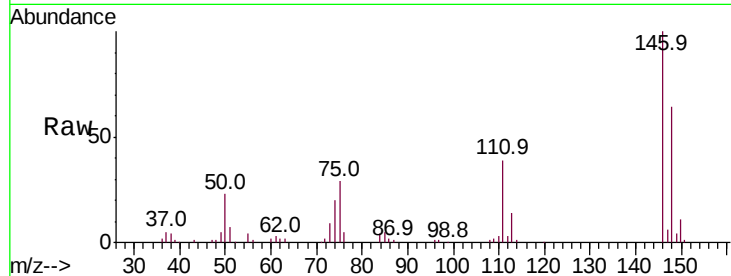
#13
 1,4-Dichlorobenzene
 Concen: 39.987 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115836BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.4	78.6
111	39.4	33.0	49.4

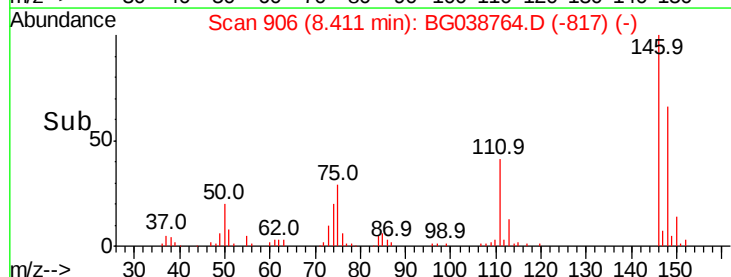
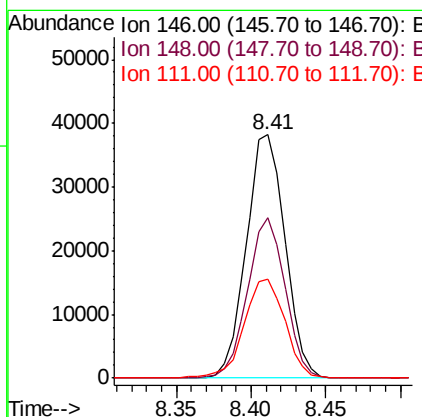
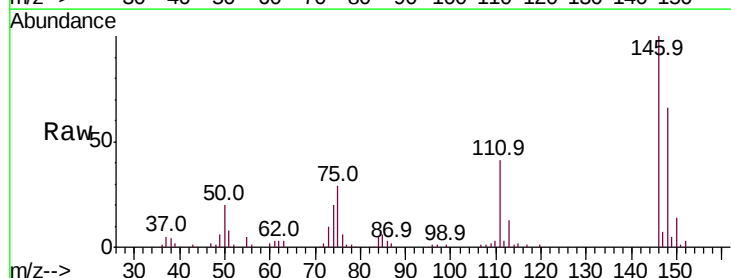
Manual Integrations
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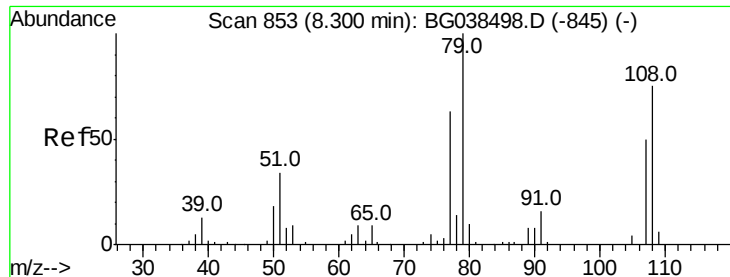
Sohil
 12/21/2018 2:43:36 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.532 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	49.4	74.0
111	40.8	33.8	50.6





#15

Benzyl Alcohol

Concen: 43.748 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038764.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_G

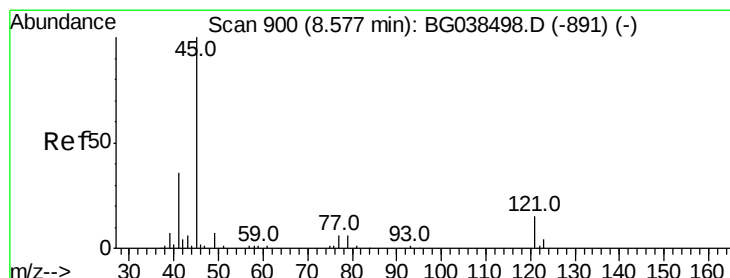
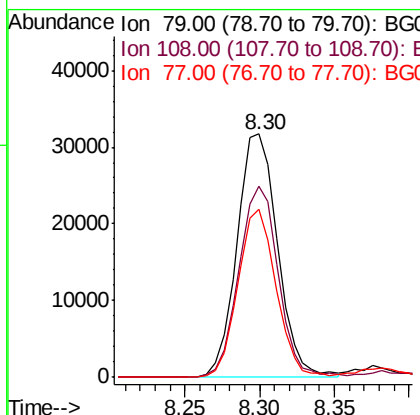
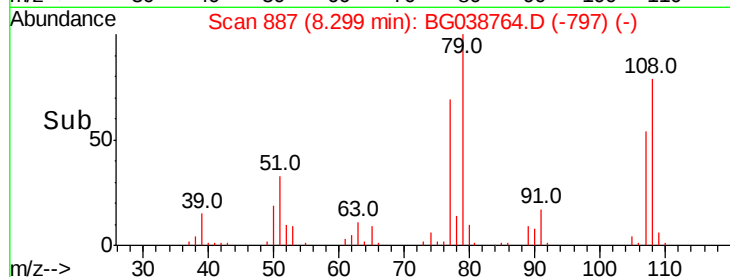
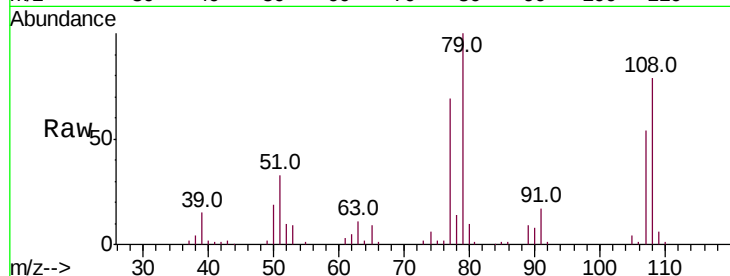
ClientSampleId :

PB115836BSD

Tot Ion:	79	Resp:	59982
Ion Ratio	Lower	Upper	
79	100		
108	78.7	60.2	90.4
77	69.2	50.7	76.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.147 ng

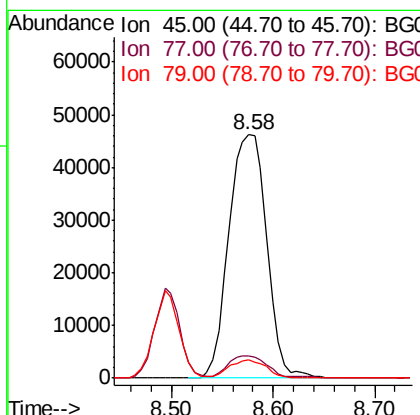
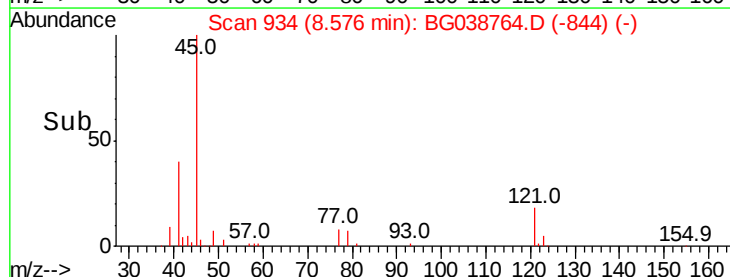
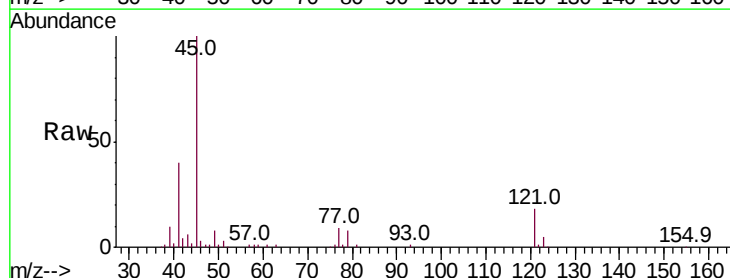
RT: 8.58 min Scan# 934

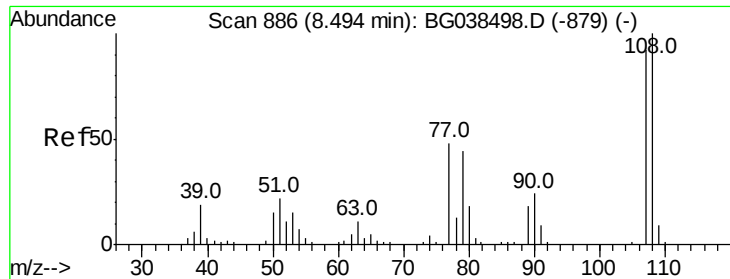
Delta R.T. -0.00 min

Lab File: BG038764.D

Acq: 20 Dec 2018 16:14

Tgt Ion:	45	Resp:	119627
Ion Ratio	Lower	Upper	
45	100		
77	9.2	0.0	28.2
79	7.6	0.0	27.2





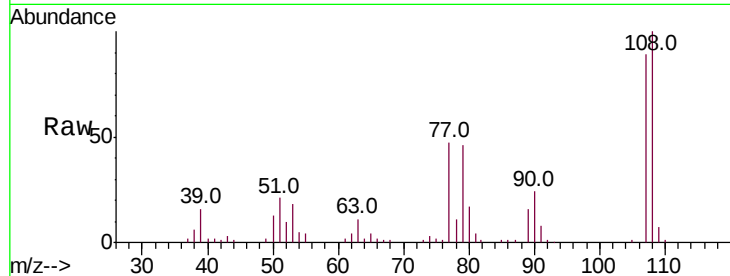
#17
2-Methylphenol
Concen: 45.522 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_G
ClientSampleId :
PB115836BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	87.1	130.7	
77	53.1	42.0	63.0	
79	51.5	38.2	57.2	

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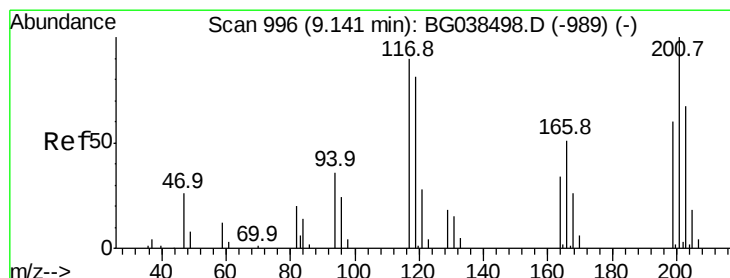
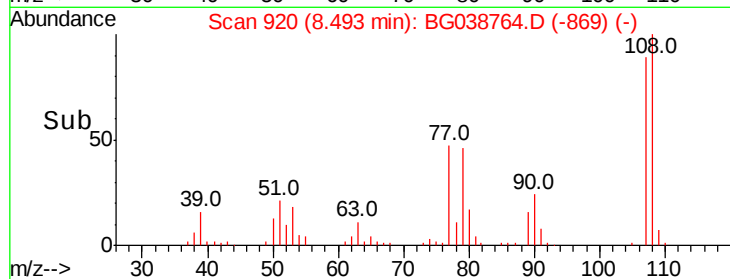
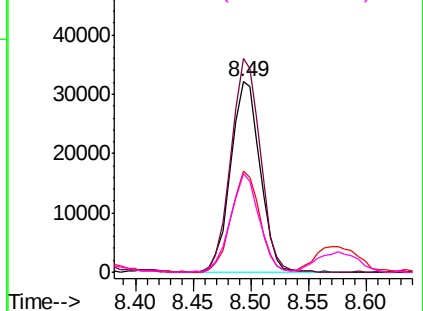
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.632 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

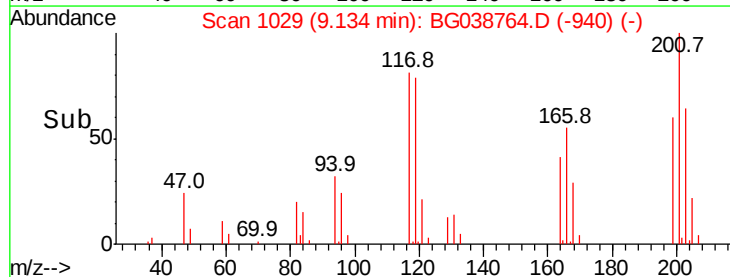
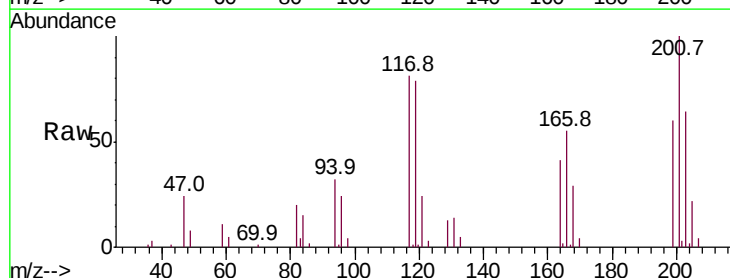
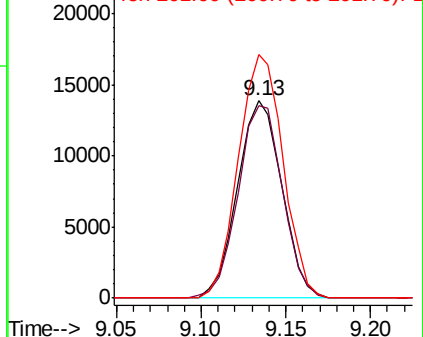
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	73.8	110.8	
201	127.2	89.4	134.0	

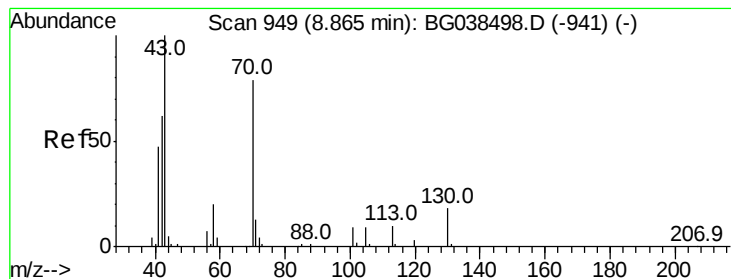
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.184 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG038764.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_G

ClientSampleId :

PB115836BSD

Tot Ion: 70 Resp: 45875

Ion Ratio Lower Upper

70 100

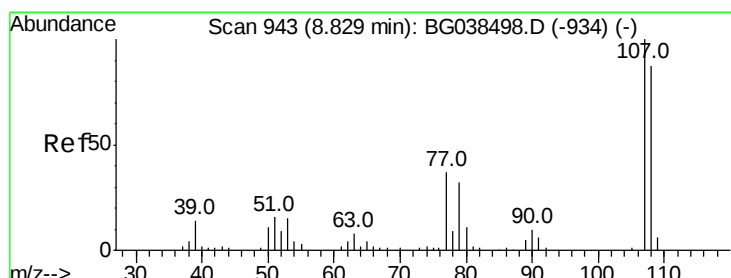
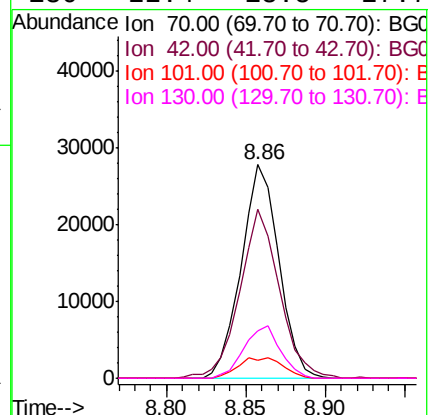
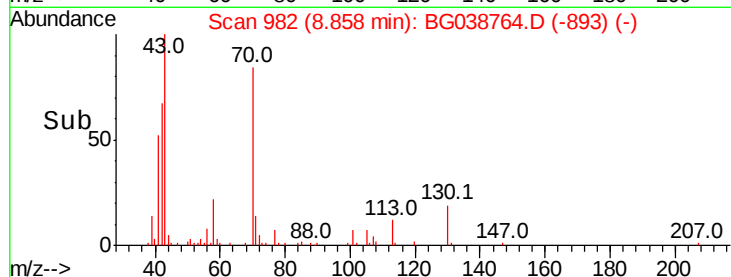
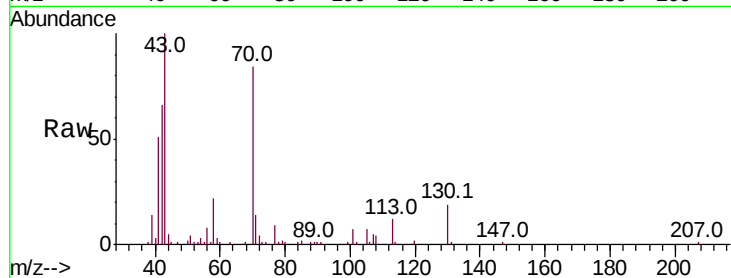
42 79.2 63.6 95.4

101 8.4 9.2 13.8#

130 22.4 18.5 27.7

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#20

3+4-Methylphenols

Concen: 45.085 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG038764.D

Acq: 20 Dec 2018 16:14

Tgt Ion: 107 Resp: 77852

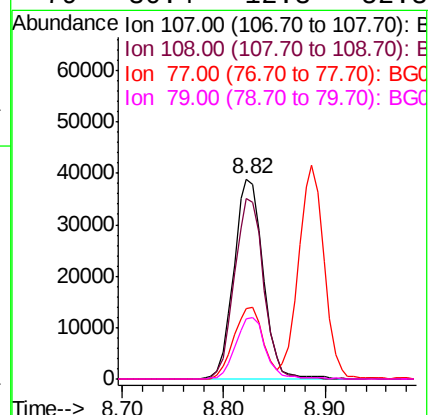
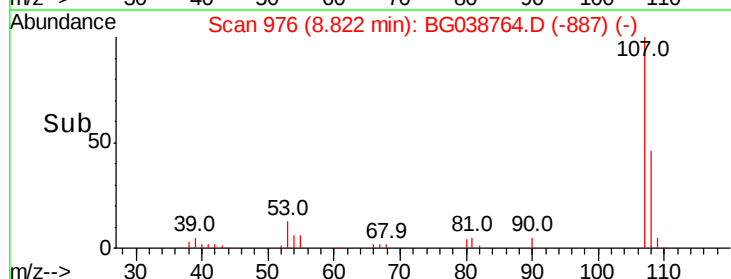
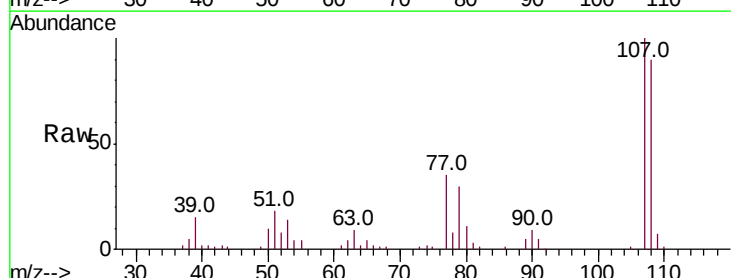
Ion Ratio Lower Upper

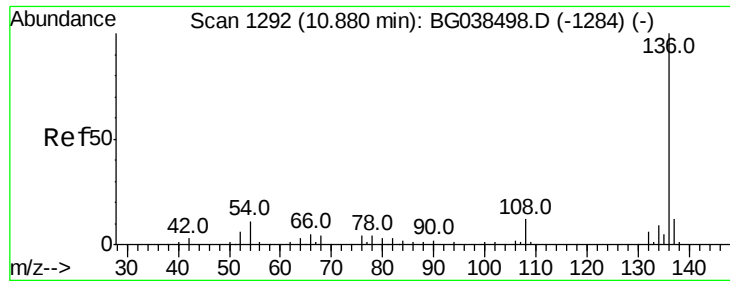
107 100

108 89.8 66.7 106.7

77 35.1 17.3 57.3

79 30.4 12.3 52.3





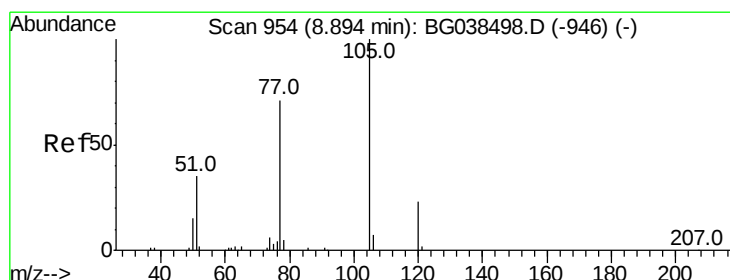
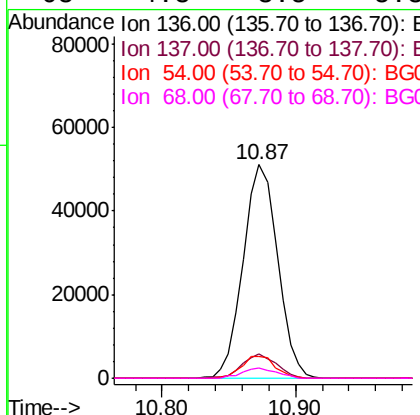
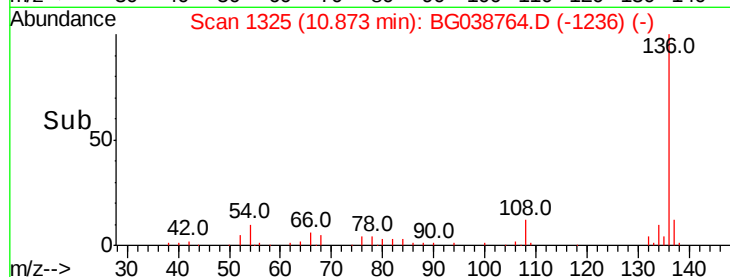
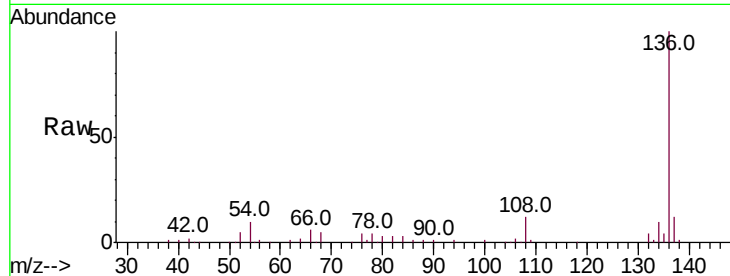
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_G
ClientSampleId :
PB115836BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	91260		
137	11.6	9.3	13.9	
54	10.4	8.5	12.7	
68	4.8	3.5	5.3	

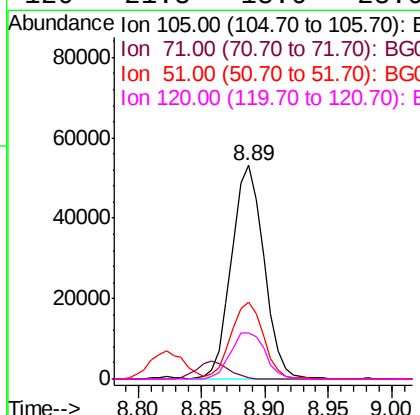
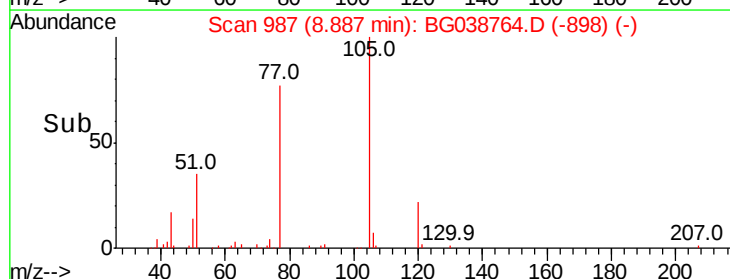
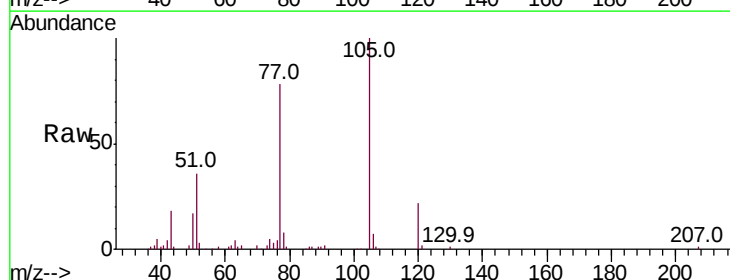
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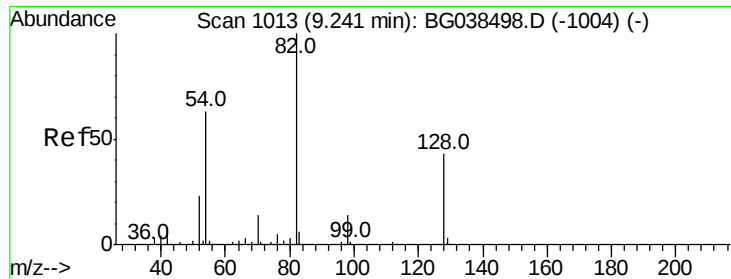
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#22
Acetophenone
Concen: 41.374 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	94311		
71	0.5	0.4	0.6	
51	36.1	30.6	46.0	
120	21.8	18.6	28.0	





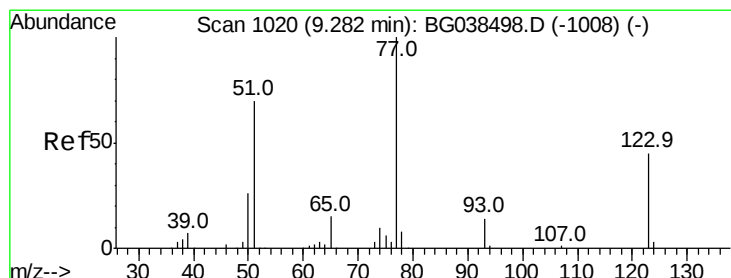
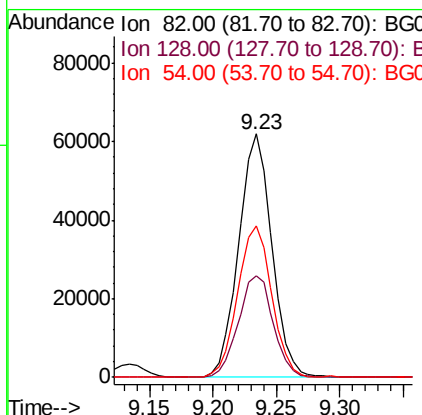
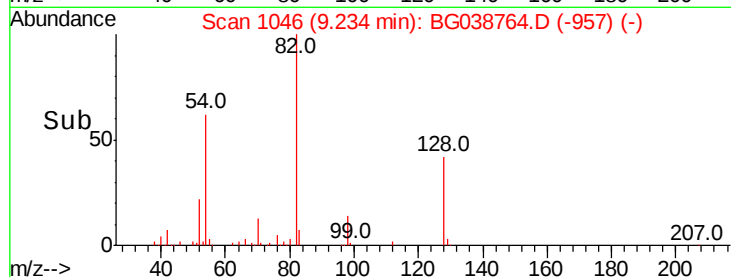
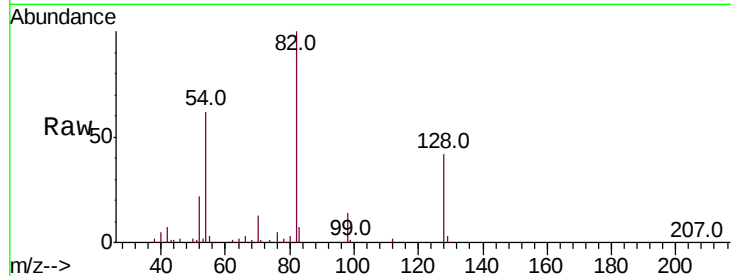
#23
Nitrobenzene-d5
Concen: 62.968 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_G
ClientSampleId :
PB115836BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.6	52.0
54	62.4	50.6	76.0

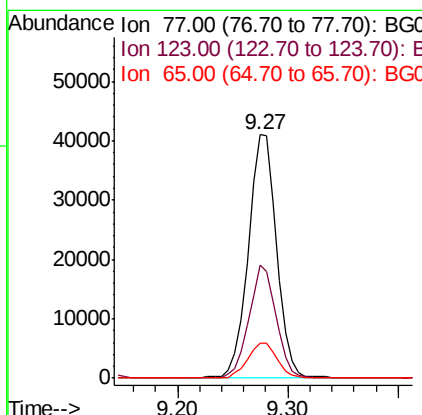
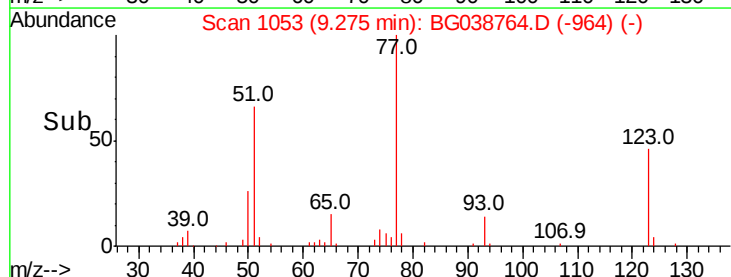
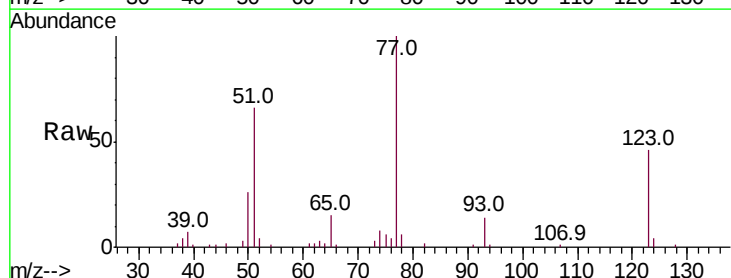
Manual Integrations
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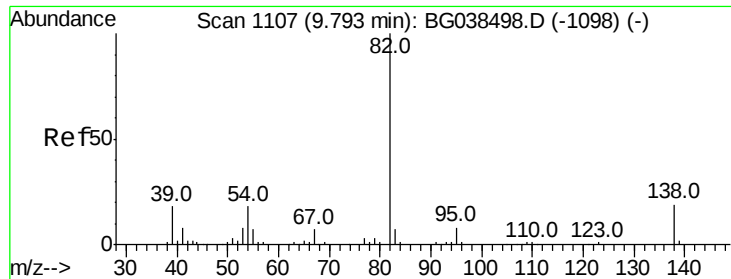
Sohil
12/21/2018 2:43:36 PM



#24
Nitrobenzene
Concen: 40.800 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	35.9	53.9
65	14.5	12.0	18.0





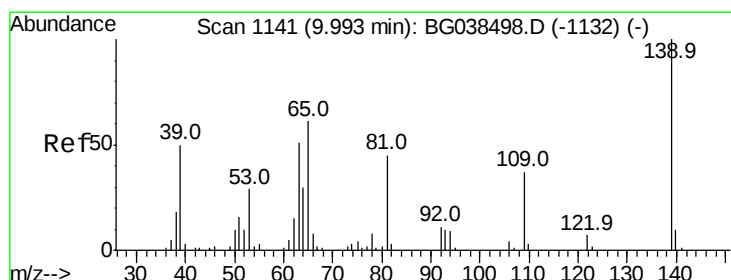
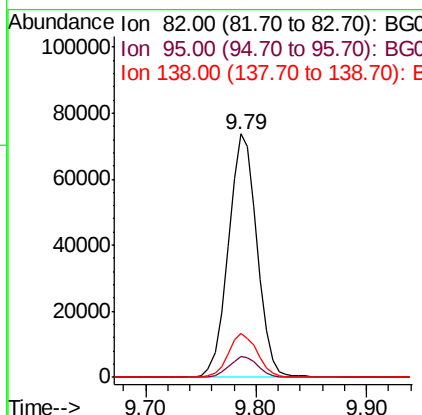
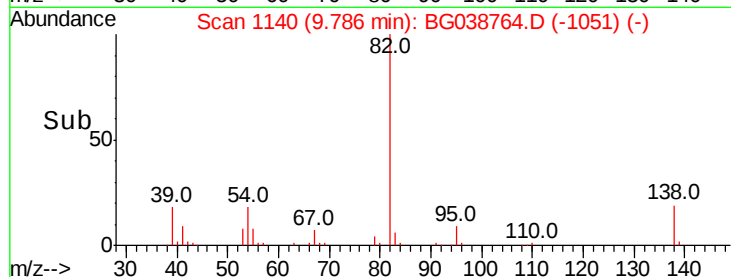
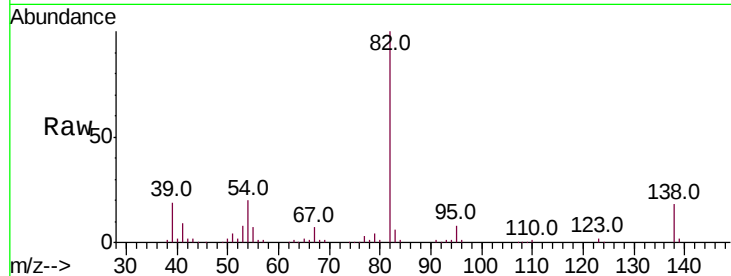
#25
Isophorone
Concen: 41.568 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_G
ClientSampleId :
PB115836BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.5	6.1	9.1	
138	17.8	14.9	22.3	

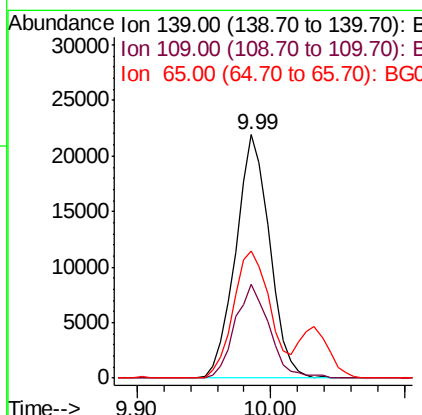
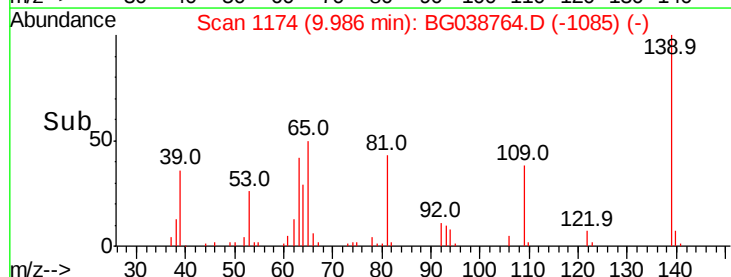
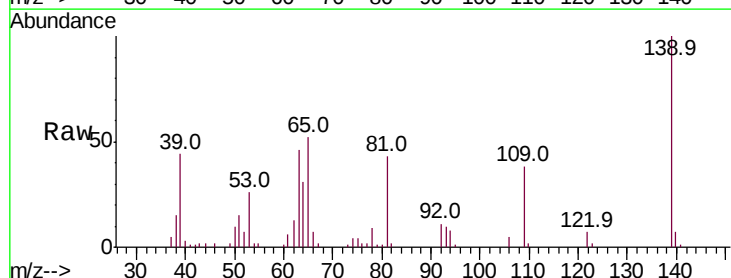
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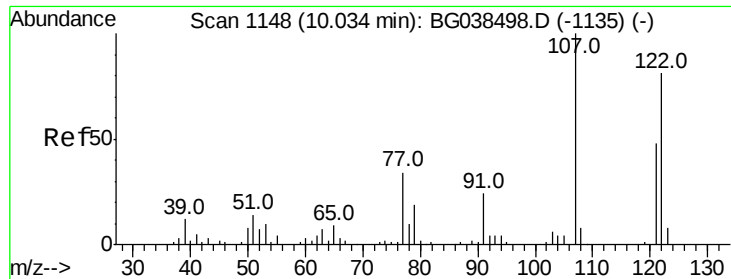
Sohil
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#26
2-Nitrophenol
Concen: 41.685 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	38.4	29.5	44.3	
65	52.3	48.5	72.7	





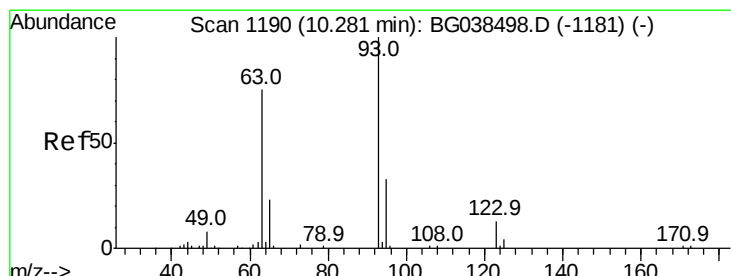
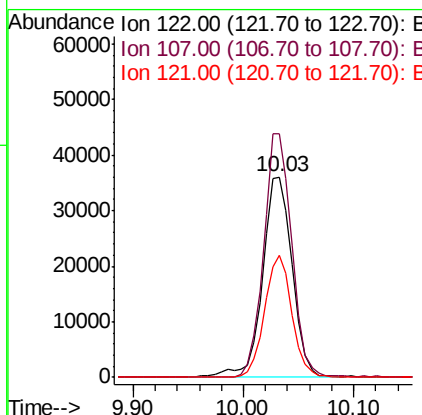
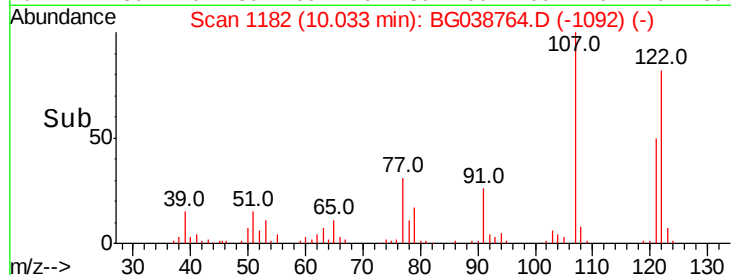
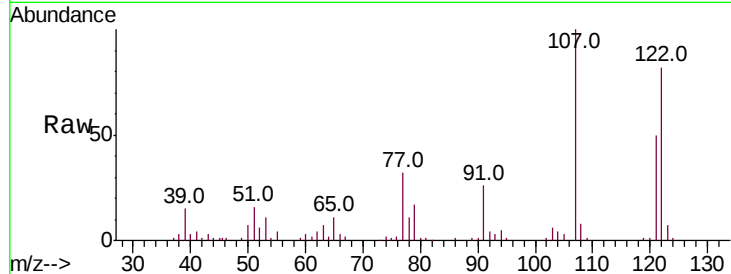
#27
 2,4-Dimethylphenol
 Concen: 51.218 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115836BSD

Tot Ion:	122	Resp:	67893
Ion Ratio	Lower	Upper	
122	100		
107	121.5	98.4	147.6
121	61.0	47.2	70.8

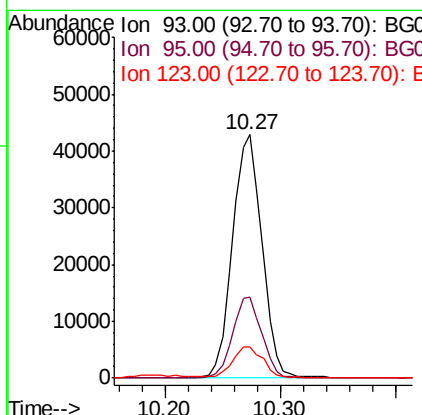
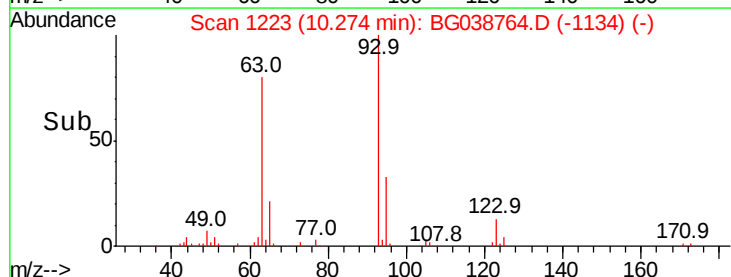
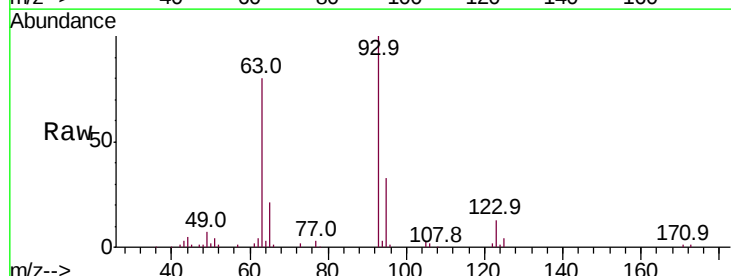
Manual Integrations
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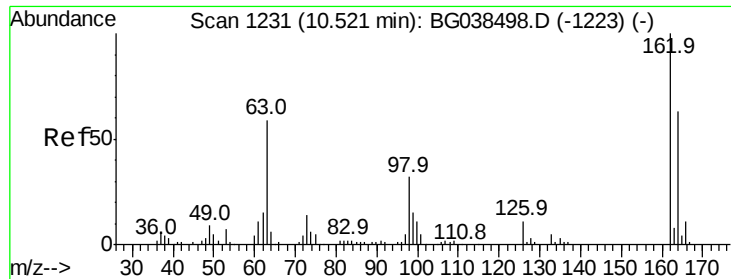
Sohil
 12/21/2018 2:43:36 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.795 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Tgt Ion:	93	Resp:	75702
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.6	40.0
123	12.8	10.6	16.0





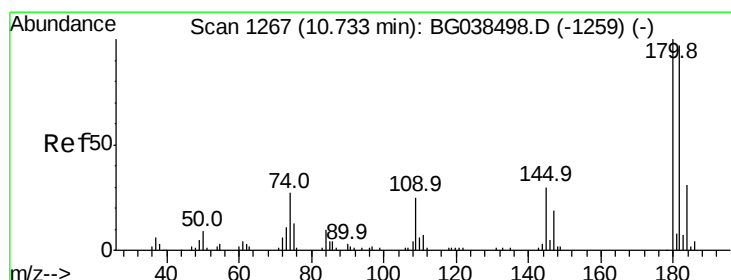
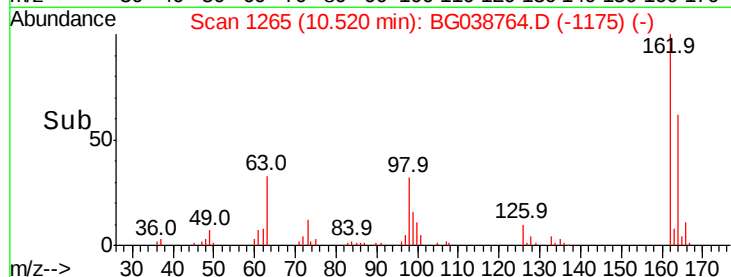
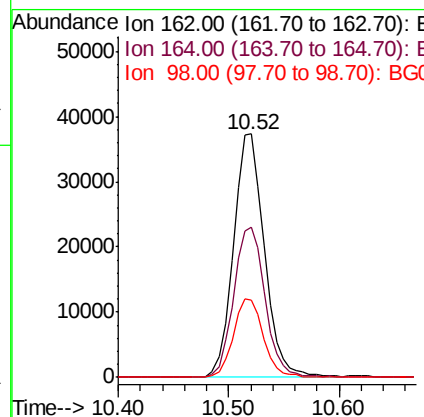
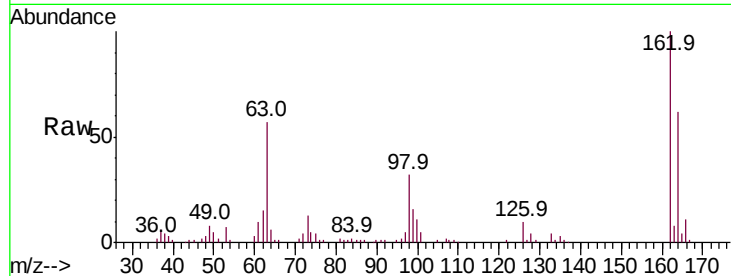
#29
2,4-Dichlorophenol
Concen: 49.742 ng
RT: 10.52 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_G
ClientSampleId :
PB115836BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	73353		
164	61.8		42.9	82.9
98	31.6		12.1	52.1

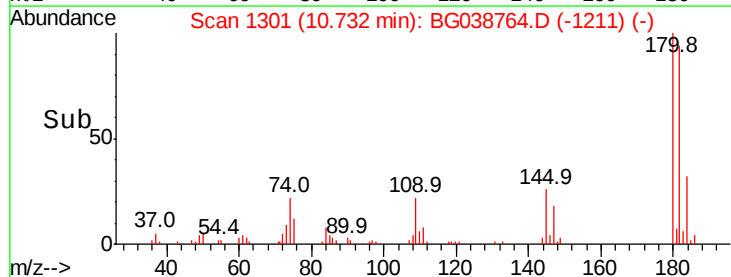
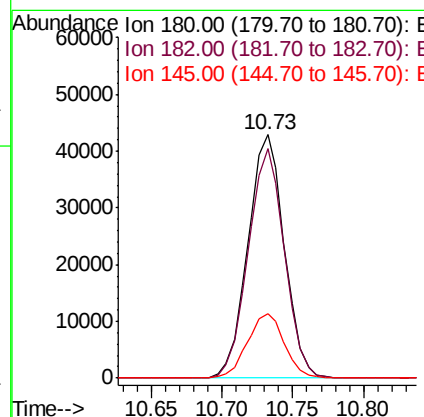
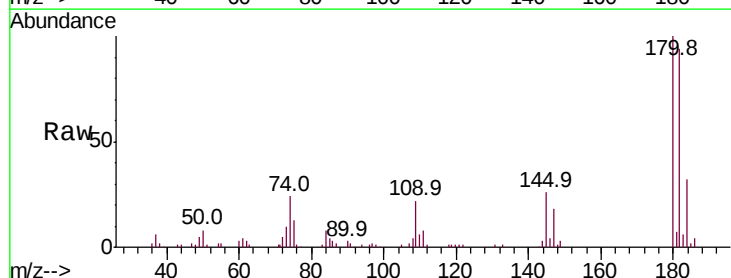
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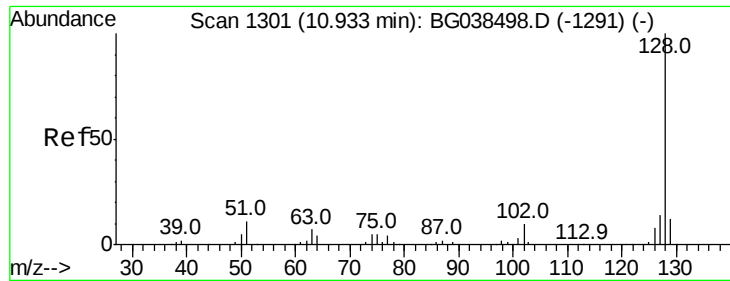
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#30
1,2,4-Trichlorobenzene
Concen: 43.422 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	77347		
182	94.1		77.4	116.0
145	26.2		24.1	36.1





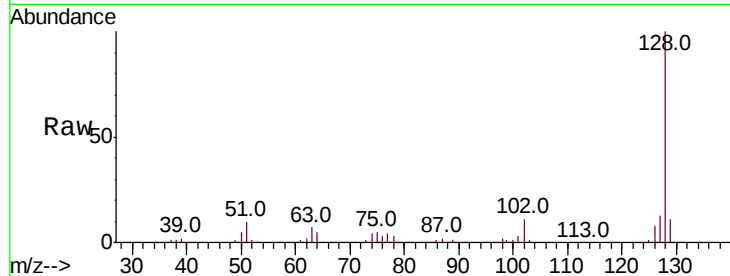
#31
Naphthalene
Concen: 45.552 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_G
ClientSampleId :
PB115836BSD

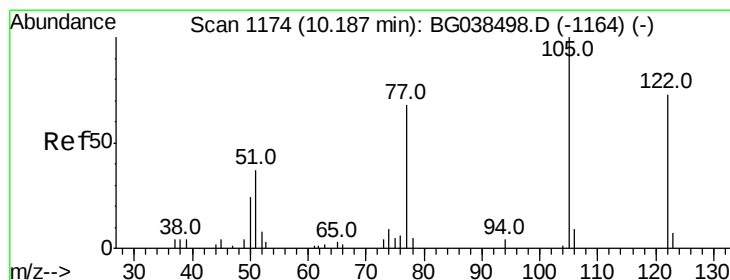
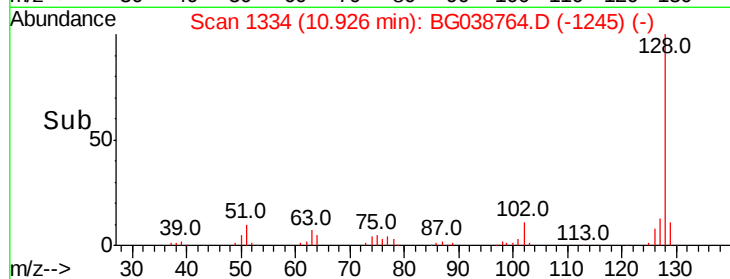
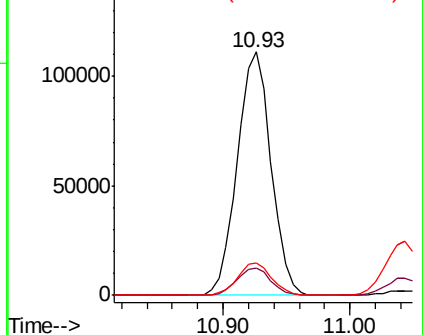
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.5	14.3
127	13.3	10.9	16.3

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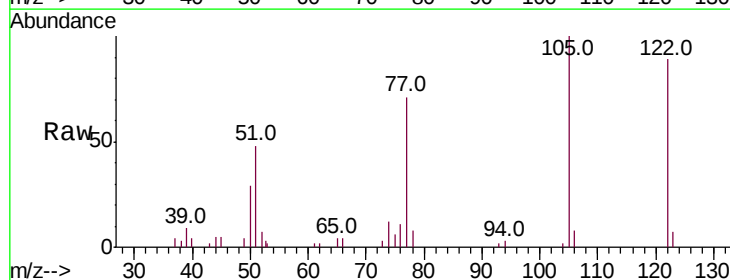


Abundance Ion 128.00 (127.70 to 128.70): E
150000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

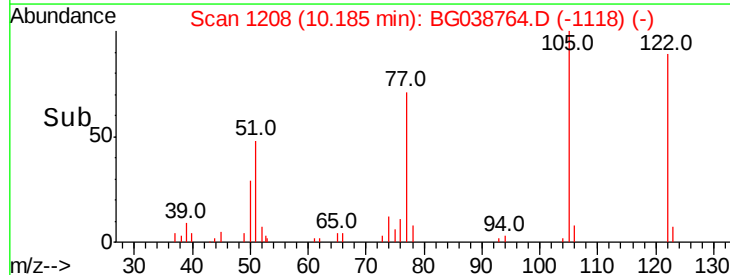
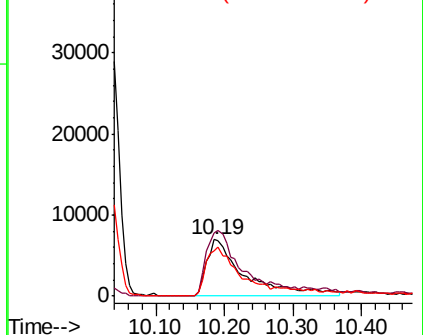


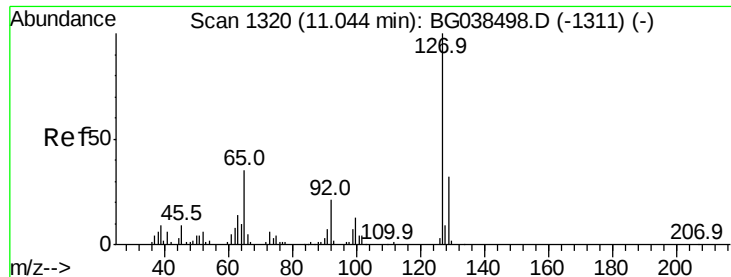
#32
Benzoic acid
Concen: 35.674 ng m
RT: 10.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	112.4	116.7	156.7#
77	79.7	72.5	112.5



Abundance Ion 122.00 (121.70 to 122.70): E
40000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO





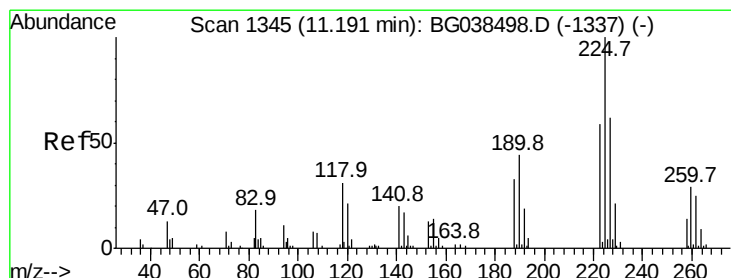
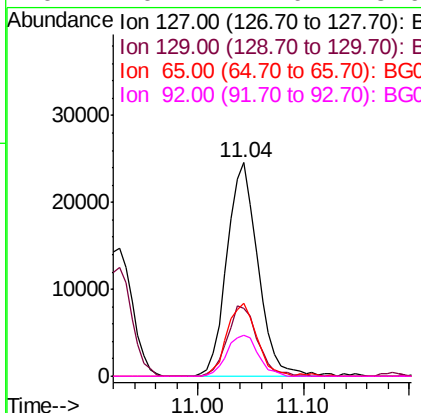
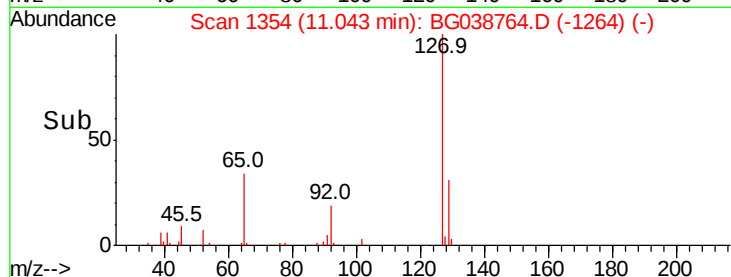
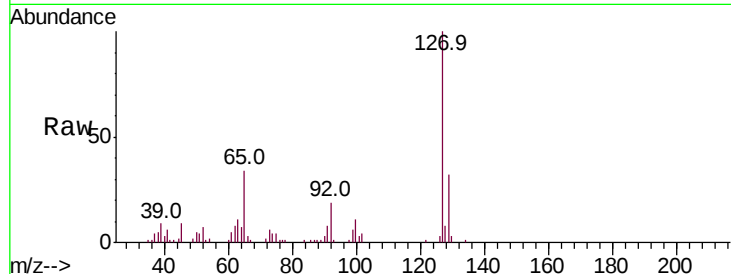
#33
4-Chloroaniline
Concen: 25.630 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_G
ClientSampleId :
PB115836BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.9	25.8	38.8	
65	34.4	27.8	41.6	
92	19.2	17.0	25.6	

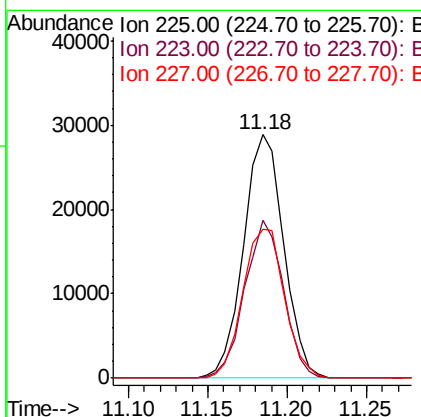
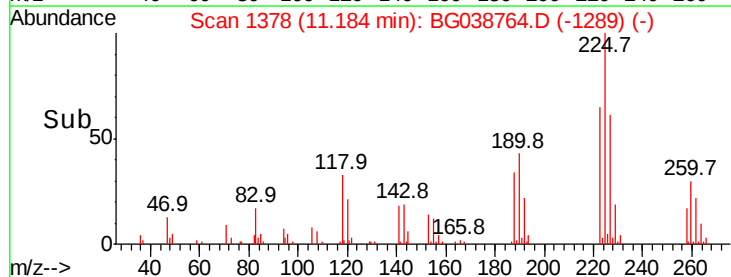
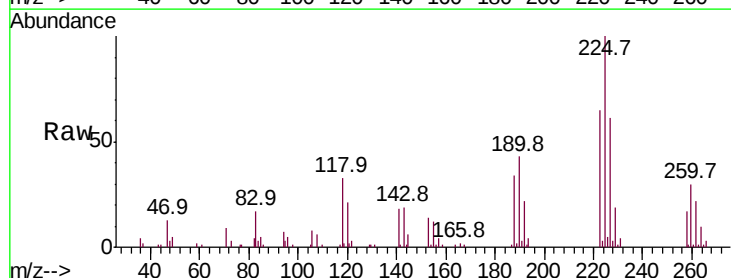
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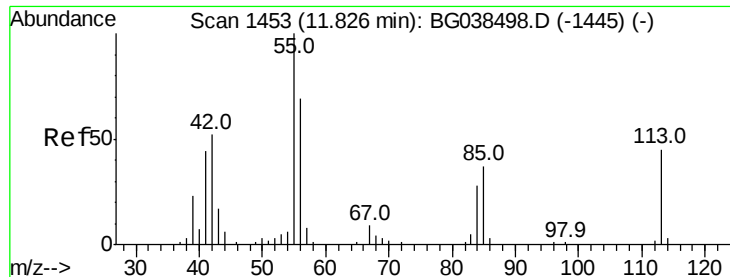
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#34
Hexachlorobutadiene
Concen: 42.140 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	45.0	67.6	
227	61.1	50.6	75.8	





#35

Caprolactam

Concen: 39.106 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BG038764.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_G

ClientSampleId :

PB115836BSD

Tot Ion:113 Resp: 23866

Ion Ratio Lower Upper

113 100

55 214.2 204.3 244.3

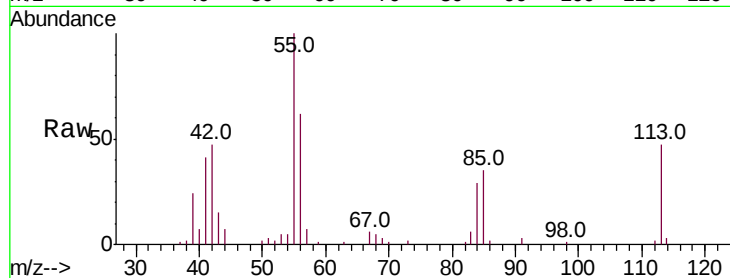
56 133.1 135.0 175.0#

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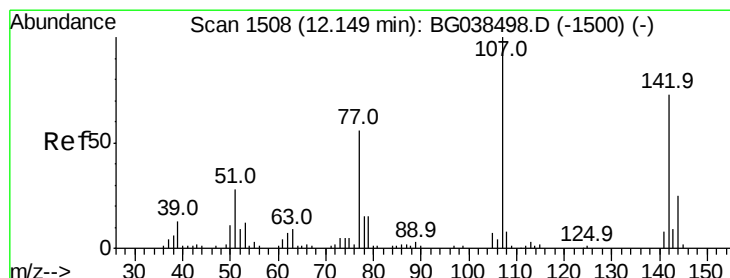
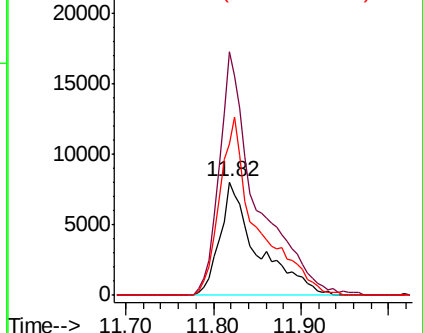
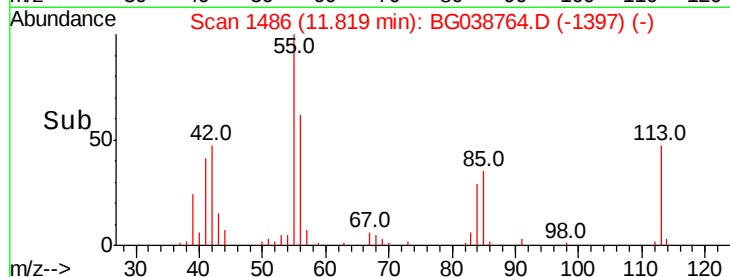
12/21/2018 2:43:36 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.145 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG038764.D

Acq: 20 Dec 2018 16:14

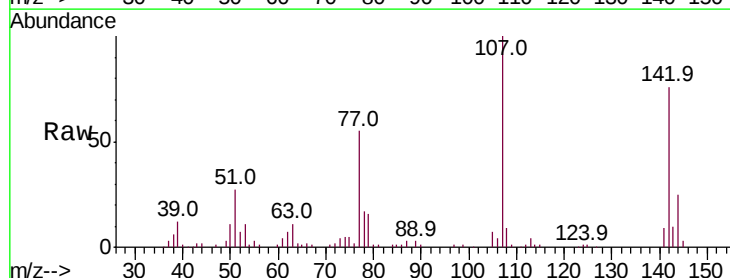
Tgt Ion:107 Resp: 74289

Ion Ratio Lower Upper

107 100

144 24.9 20.1 30.1

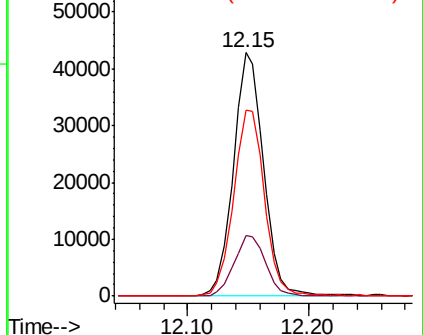
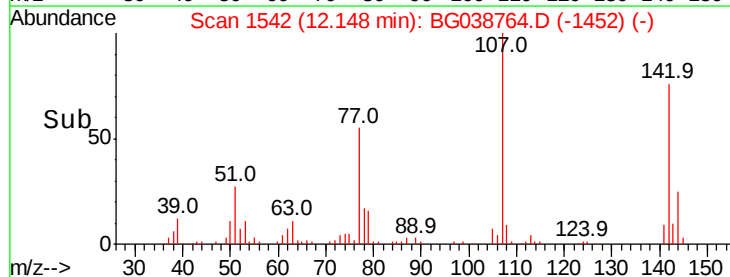
142 76.5 58.7 88.1

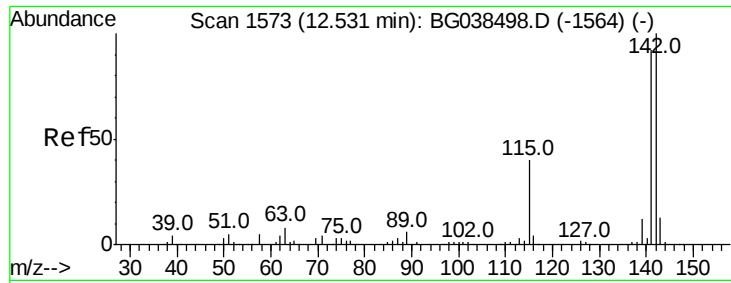


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





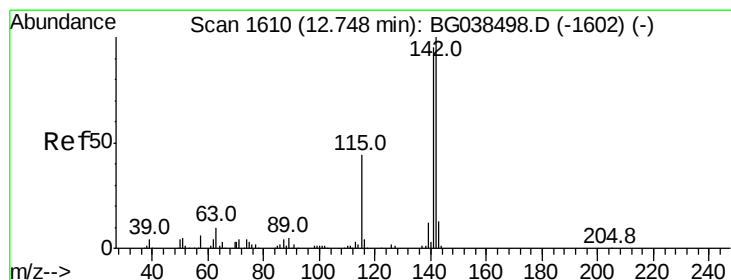
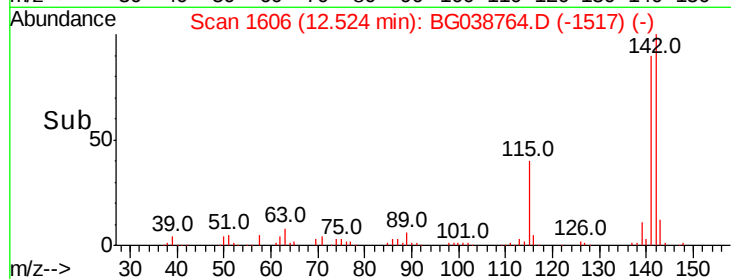
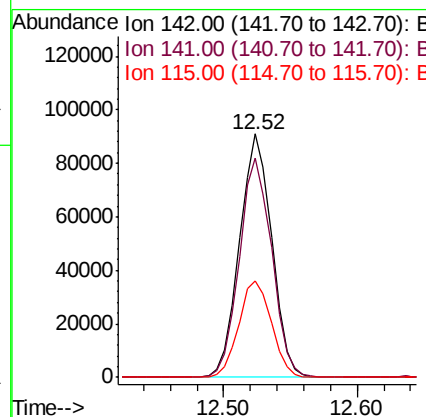
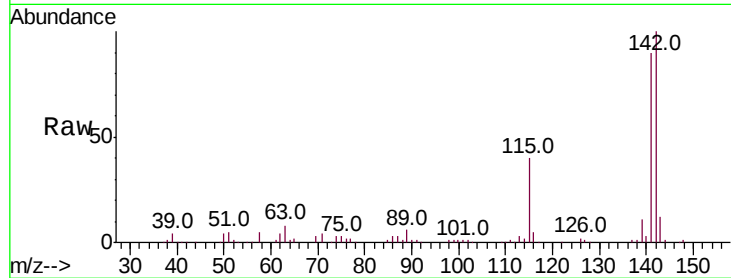
#37
 2-Methylnaphthalene
 Concen: 47.261 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115836BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.5	110.3
115	39.5	31.7	47.5

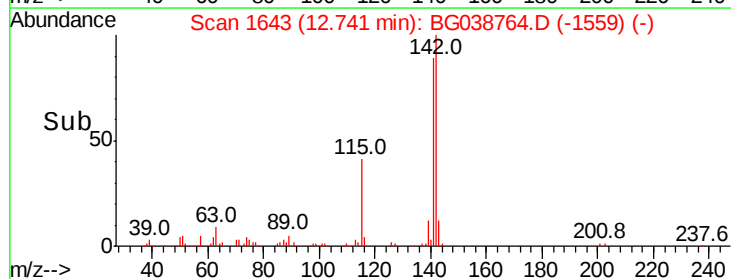
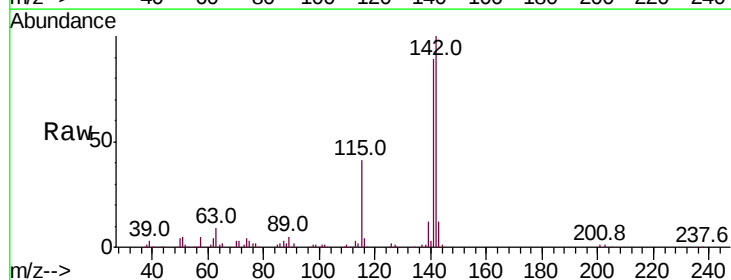
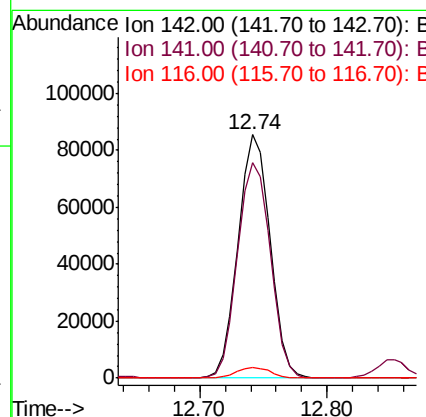
Manual Integrations
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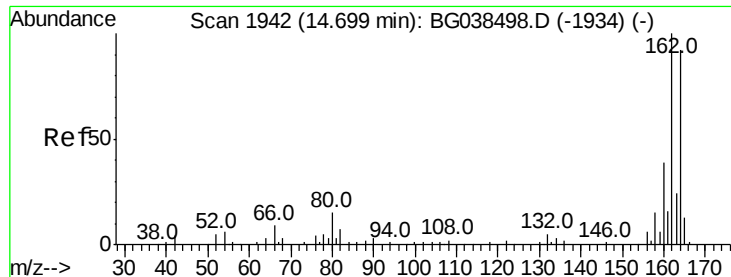
Sohil
 12/21/2018 2:43:36 PM



#38
 1-Methylnaphthalene
 Concen: 47.969 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	75.8	113.8
116	4.2	3.6	5.4





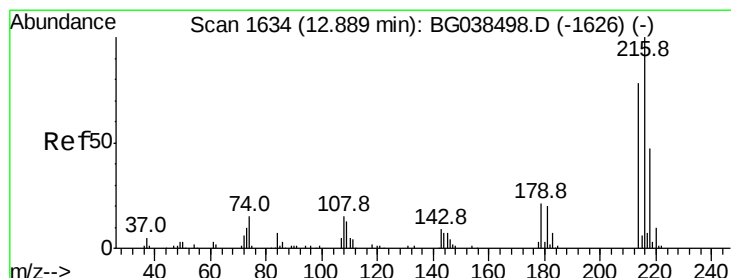
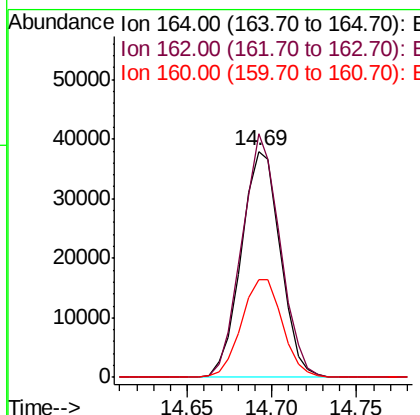
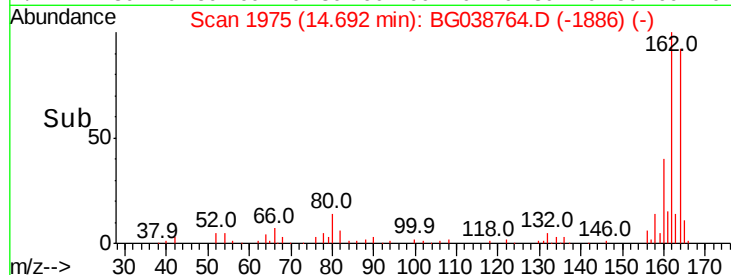
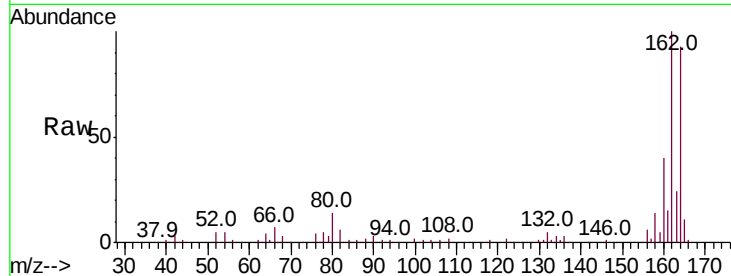
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_G
ClientSampleId :
PB115836BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.7	86.6	130.0
160	43.0	34.2	51.2

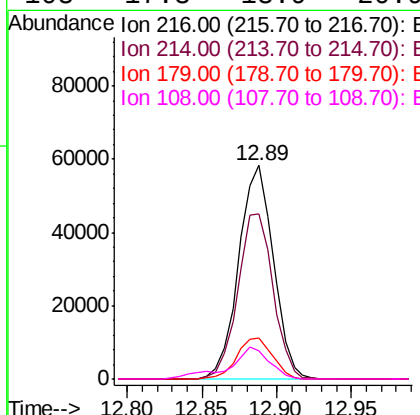
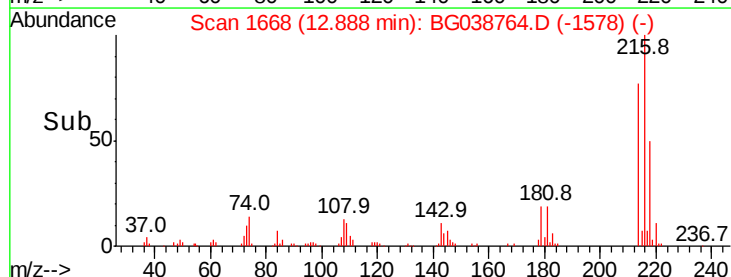
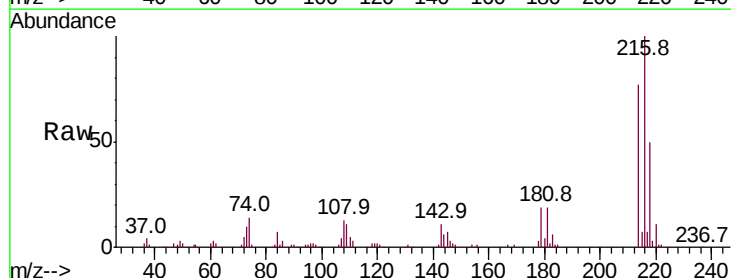
Manual Integrations
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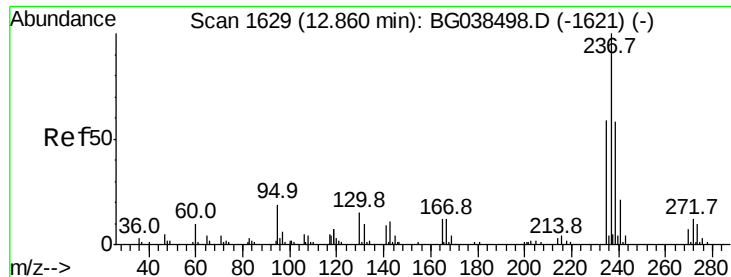
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.998 ng
RT: 12.89 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	64.1	96.1
179	19.6	16.4	24.6
108	17.3	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 88.613 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038764.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_G

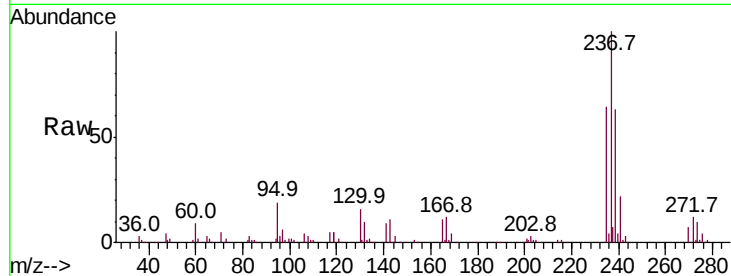
ClientSampleId :

PB115836BSD

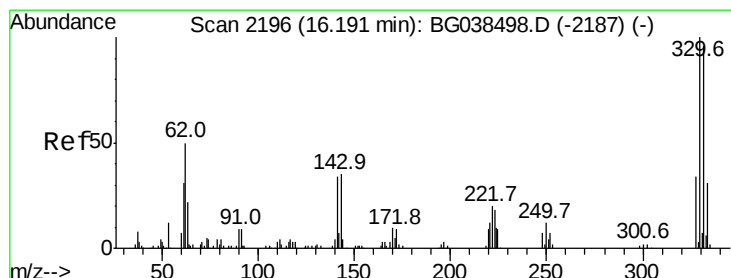
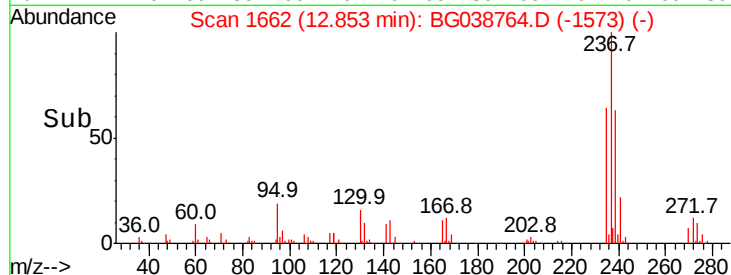
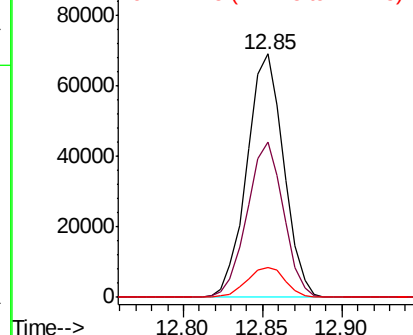
Tot Ion:	237	Resp:	111427
Ion Ratio	Lower	Upper	
237	100		
235	63.7	38.8	78.8
272	12.4	0.0	32.0

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



#42

2,4,6-Tribromophenol

Concen: 130.574 ng

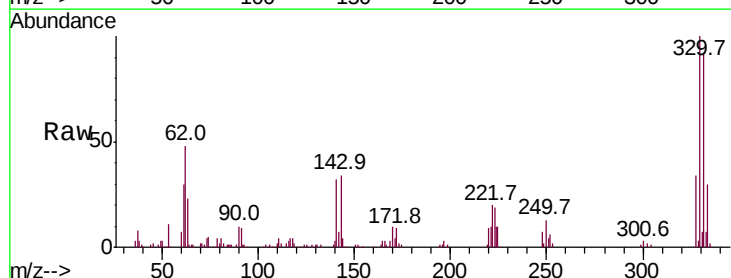
RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

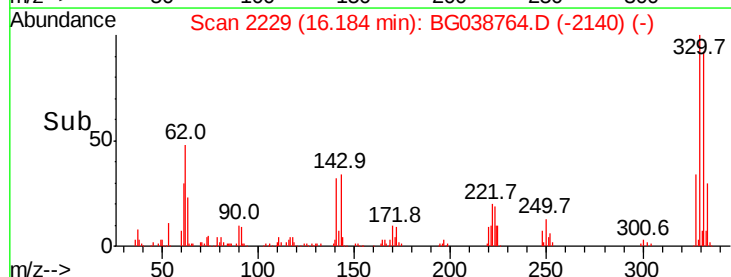
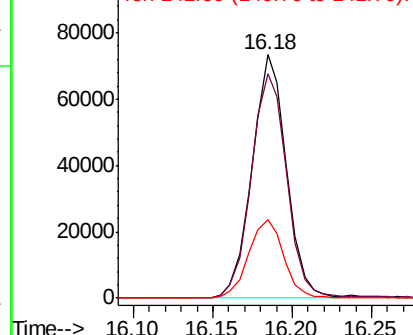
Lab File: BG038764.D

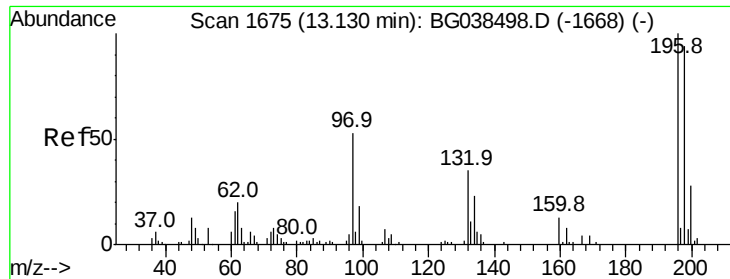
Acq: 20 Dec 2018 16:14

Tgt Ion:	330	Resp:	110188
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.9	115.3
141	32.9	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





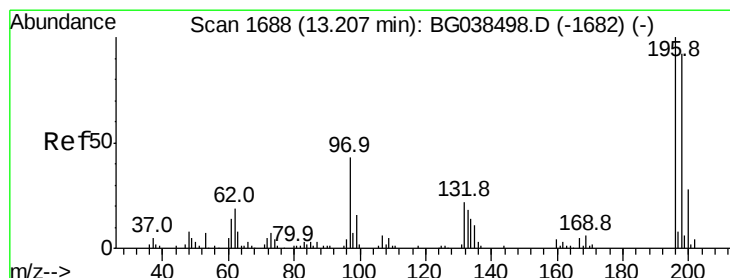
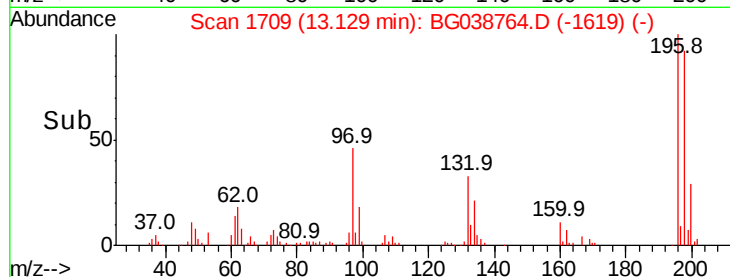
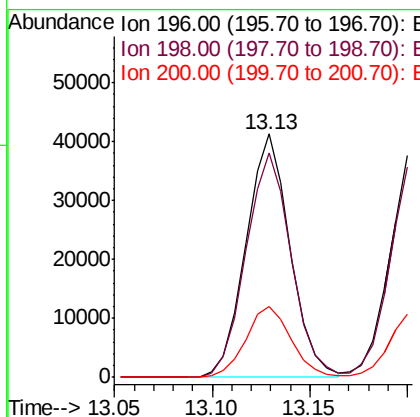
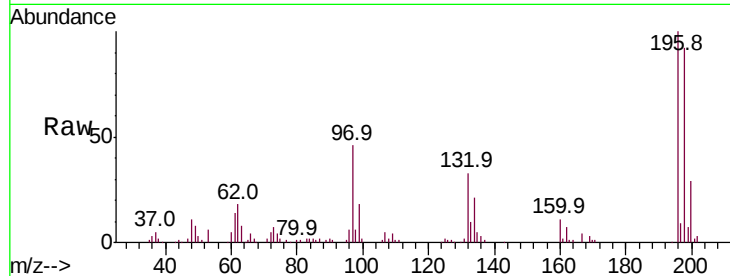
#43
 2,4,6-Trichlorophenol
 Concen: 45.727 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115836BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	64351		
198	92.0	75.0	112.4	
200	29.2	22.4	33.6	

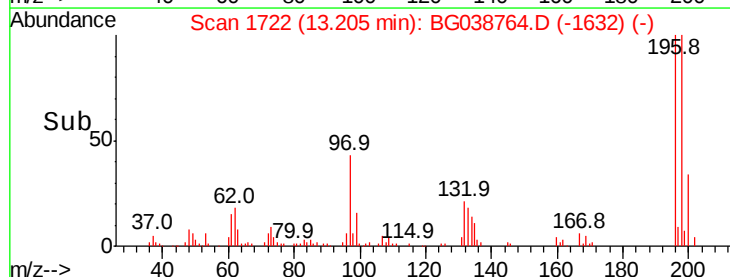
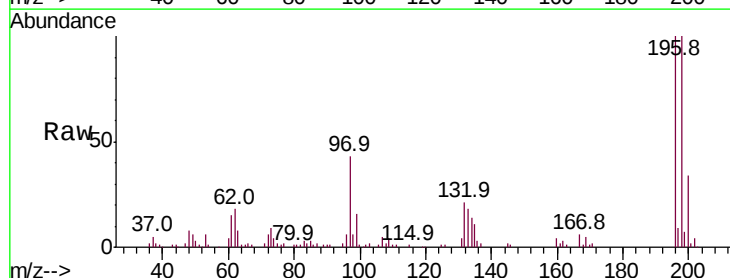
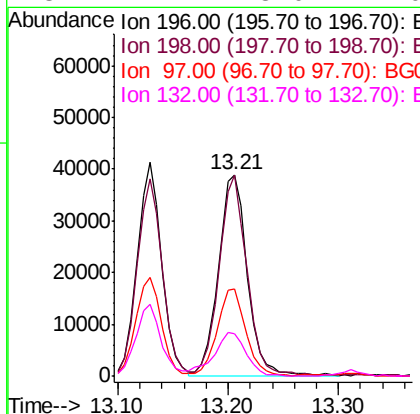
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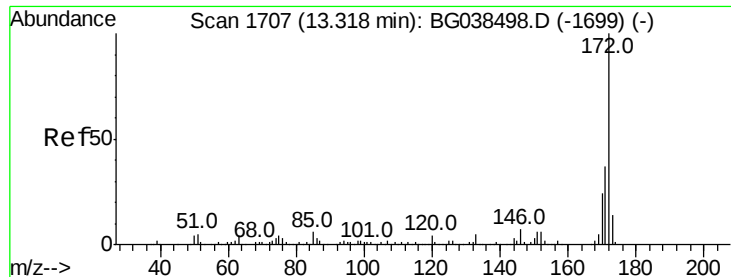
Sohil
 12/21/2018 2:43:36 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.850 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	71297		
198	99.7	74.0	111.0	
97	43.1	35.1	52.7	
132	21.1	18.0	27.0	





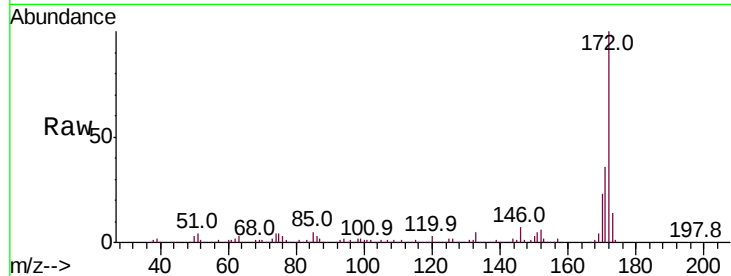
#45
2-Fluorobiphenyl
Concen: 64.834 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_G
ClientSampleId :
PB115836BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.0	29.8	44.6
170	23.2	19.5	29.3

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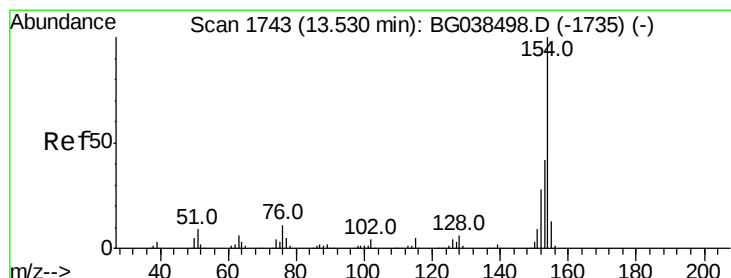
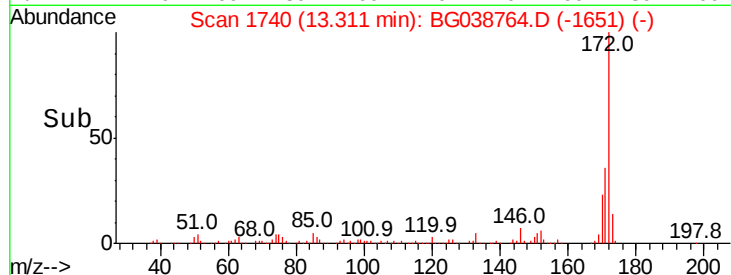
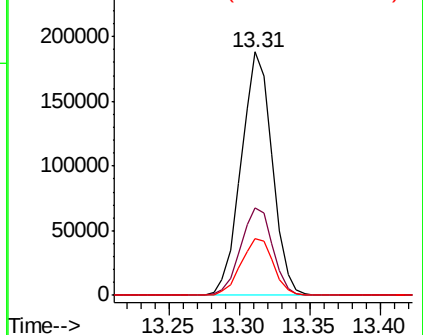


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.310 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

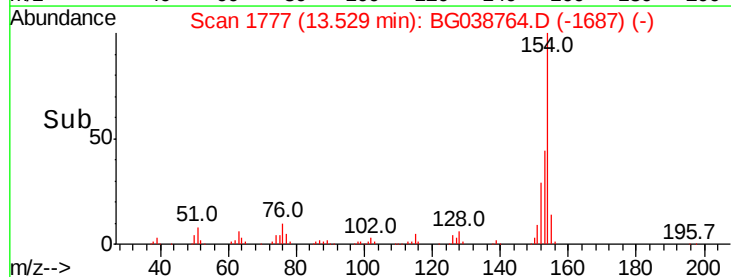
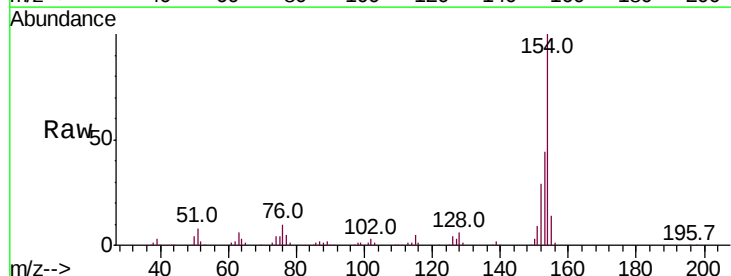
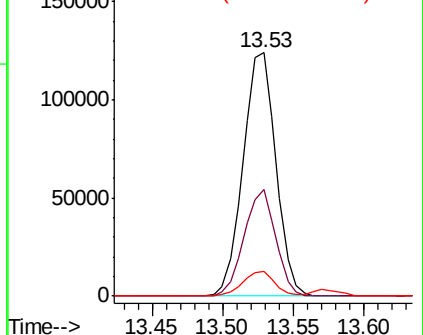
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	43.6	22.1	62.1
76	10.4	0.0	31.2

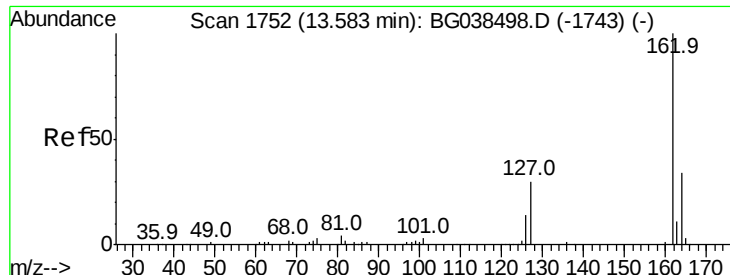
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 41.440 ng

RT: 13.58 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BG038764.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_G

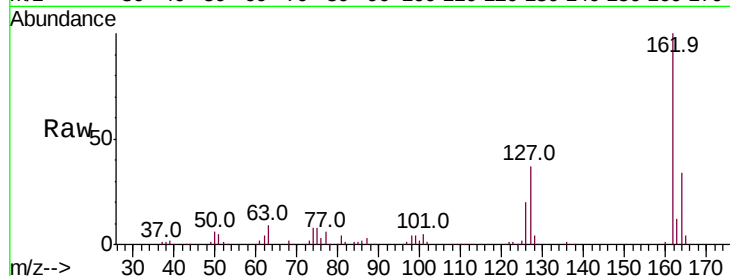
ClientSampleId :

PB115836BSD

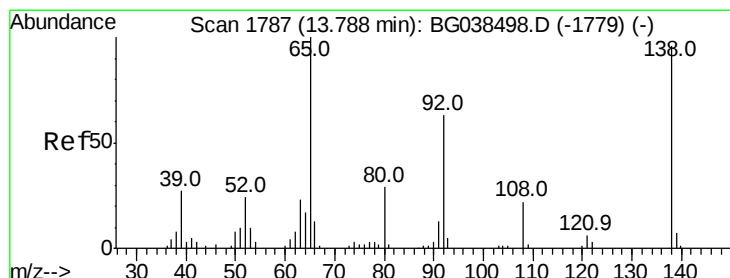
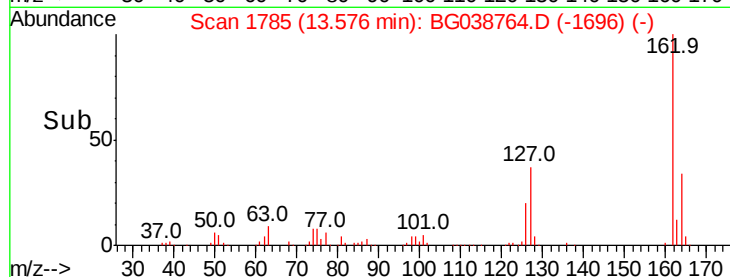
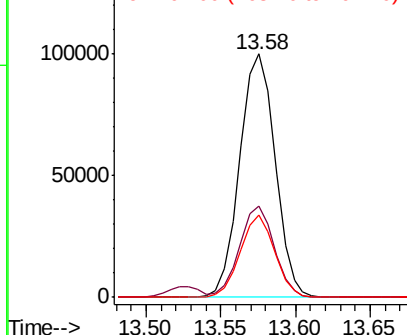
Tot Ion:	162	Resp:	164314
Ion Ratio	Lower	Upper	
162	100		
127	37.4	27.8	41.8
164	34.0	26.9	40.3

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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: 42.376 ng

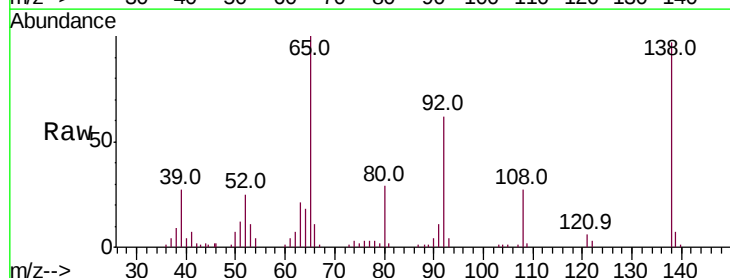
RT: 13.79 min Scan# 1821

Delta R.T. -0.00 min

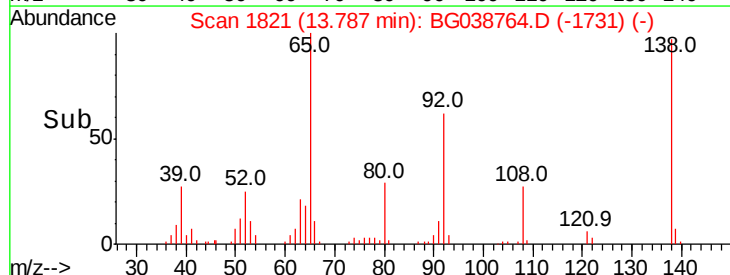
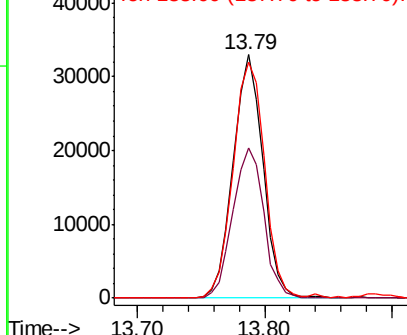
Lab File: BG038764.D

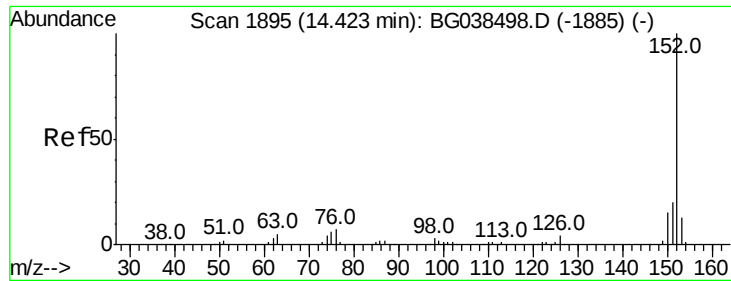
Acq: 20 Dec 2018 16:14

Tgt Ion:	65	Resp:	53520
Ion Ratio	Lower	Upper	
65	100		
92	61.9	50.0	75.0
138	96.8	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: 45.412 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038764.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_G

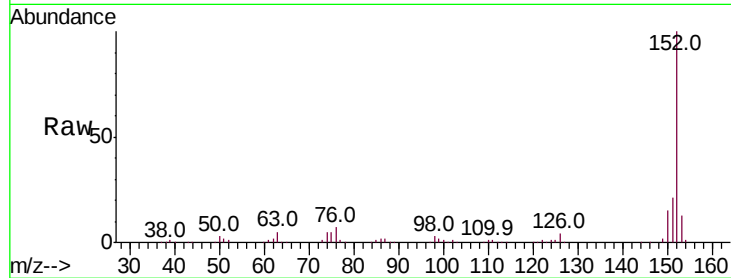
ClientSampleId :

PB115836BSD

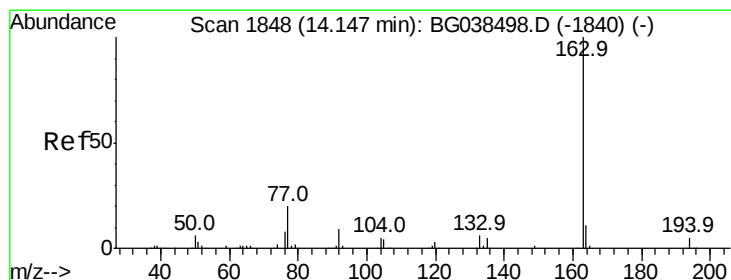
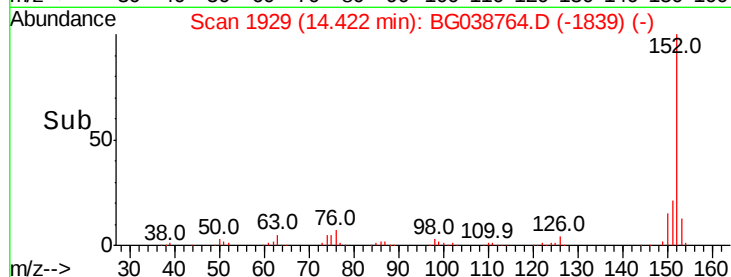
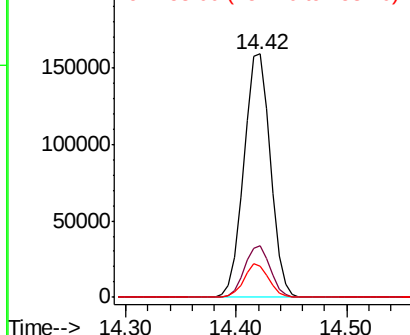
Tot Ion:	152	Resp:	269183
Ion Ratio	Lower	Upper	
152	100		
151	21.4	16.4	24.6
153	12.7	10.4	15.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.189 ng

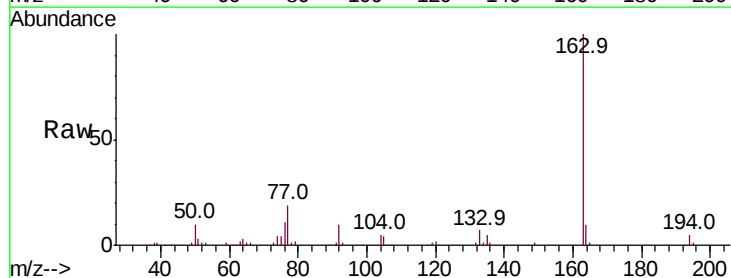
RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

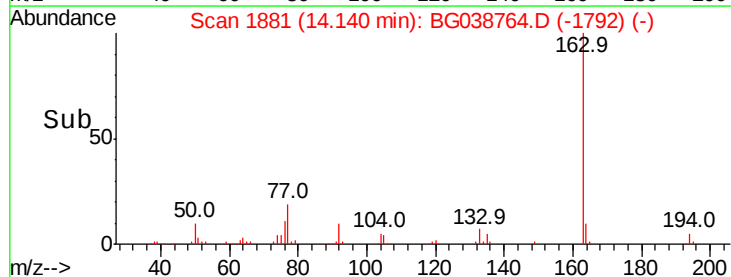
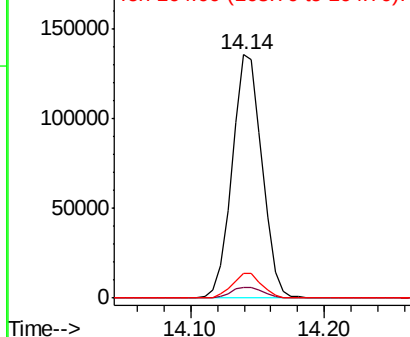
Lab File: BG038764.D

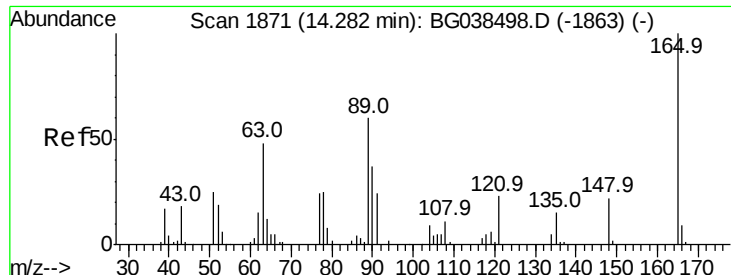
Acq: 20 Dec 2018 16:14

Tgt Ion:	163	Resp:	210960
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.7	5.5
164	10.2	8.6	12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





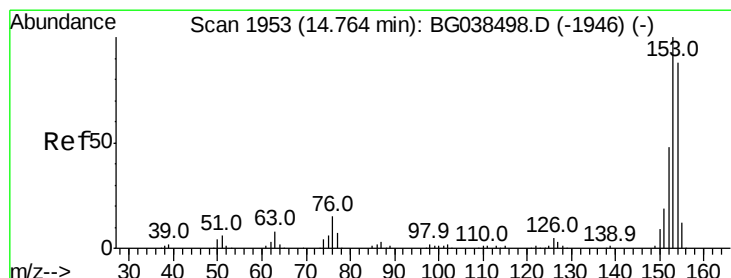
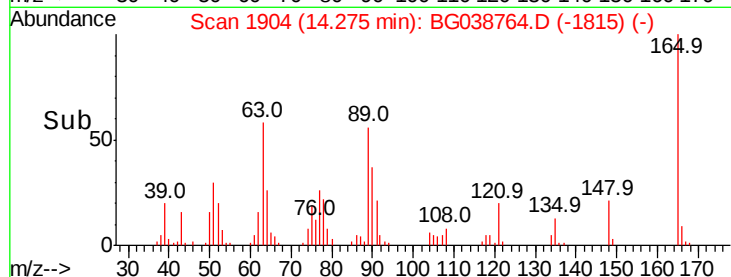
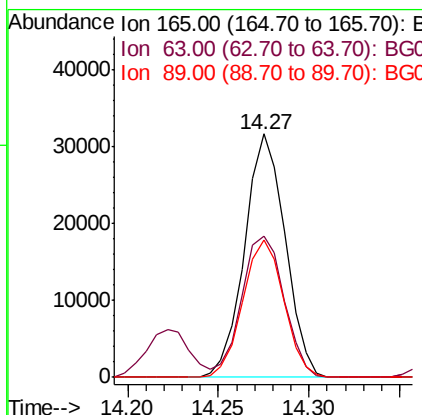
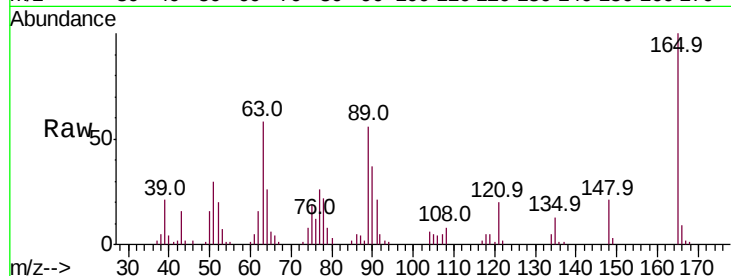
#51
 2,6-Dinitrotoluene
 Concen: 43.277 ng
 RT: 14.27 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115836BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	49040		
63	58.1		51.8	77.6
89	56.5		47.9	71.9

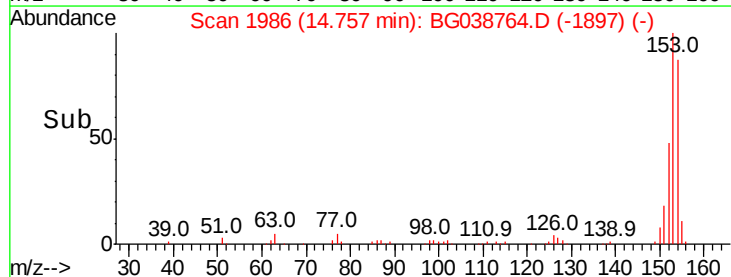
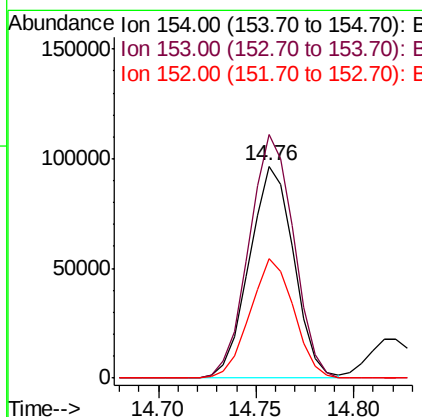
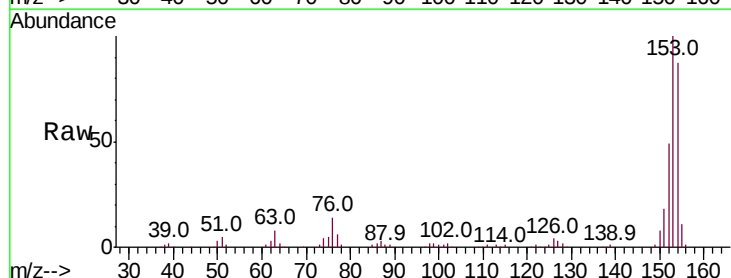
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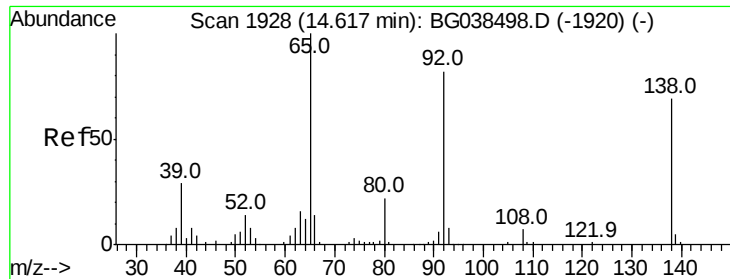
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#52
 Acenaphthene
 Concen: 43.002 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	152420		
153	114.9		90.6	136.0
152	56.3		43.5	65.3





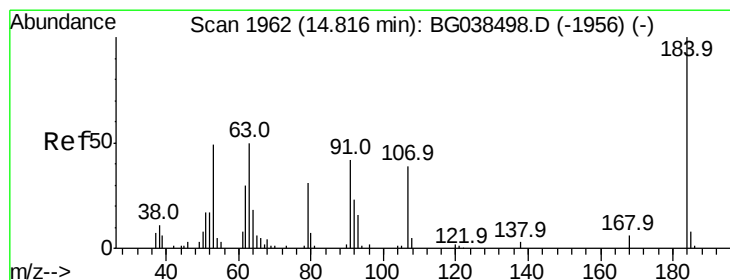
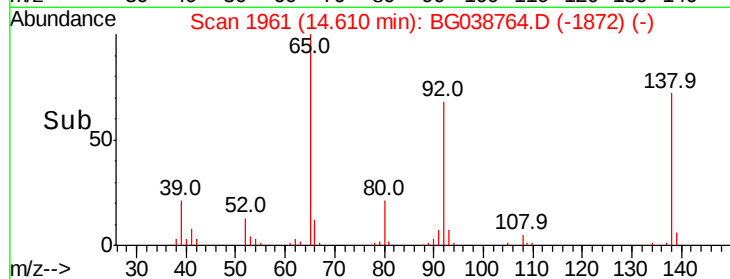
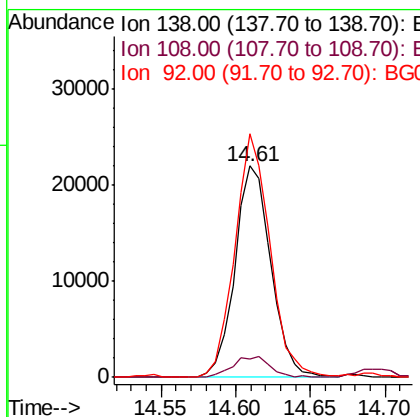
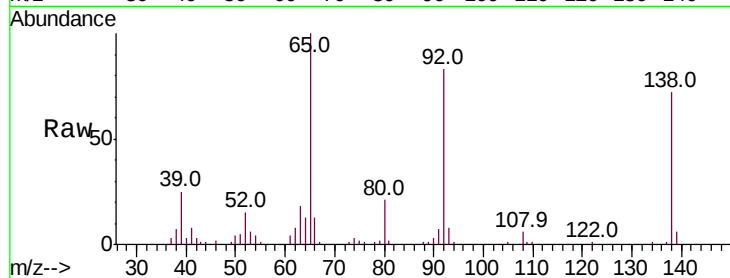
#53
3-Nitroaniline
Concen: 31.942 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_G
ClientSampleId :
PB115836BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.6	7.9	11.9
92	115.1	95.3	142.9

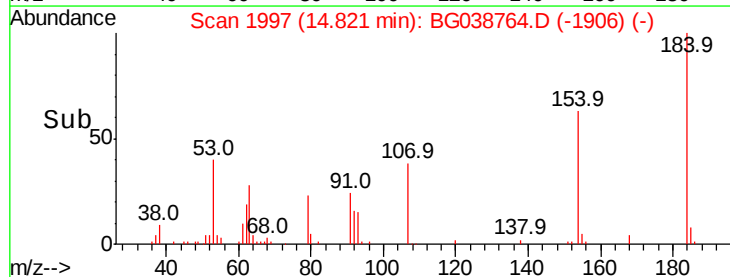
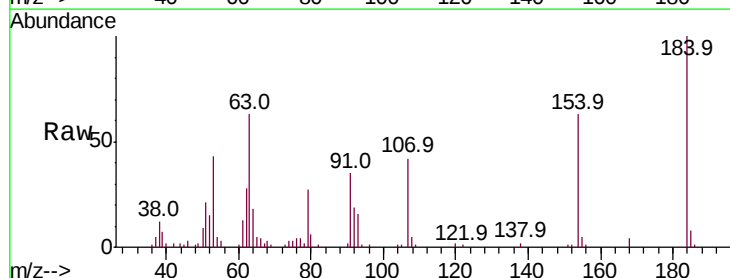
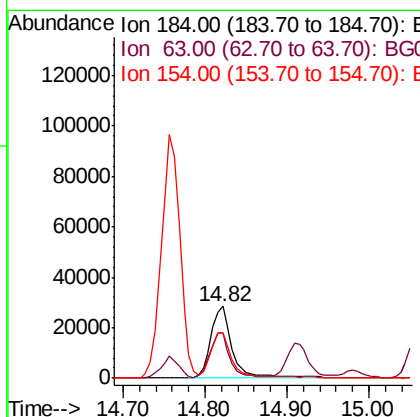
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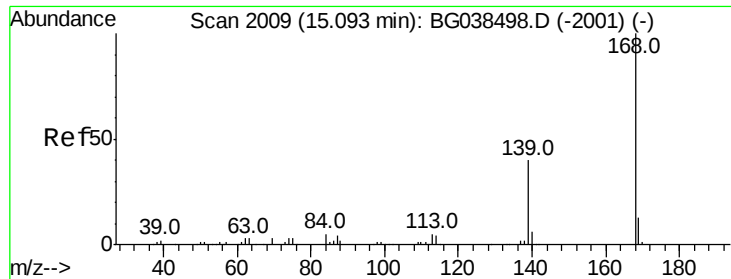
Sohil
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#54
2,4-Dinitrophenol
Concen: 77.580 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.8	47.0	70.6
154	62.7	50.3	75.5





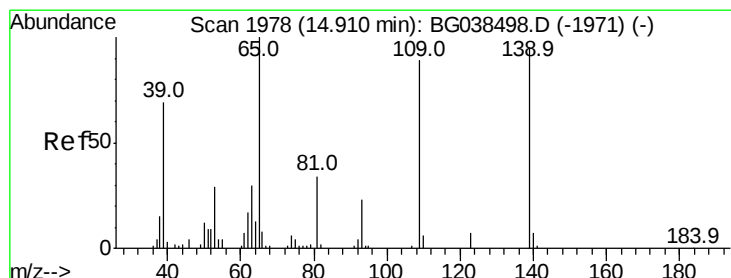
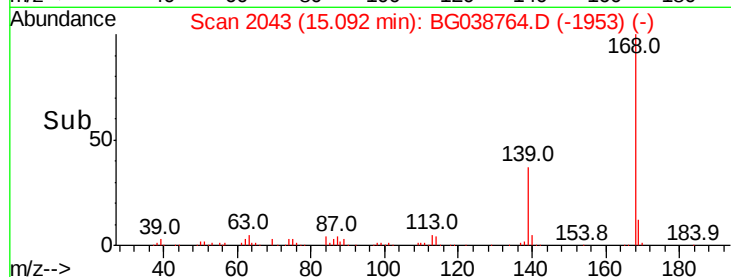
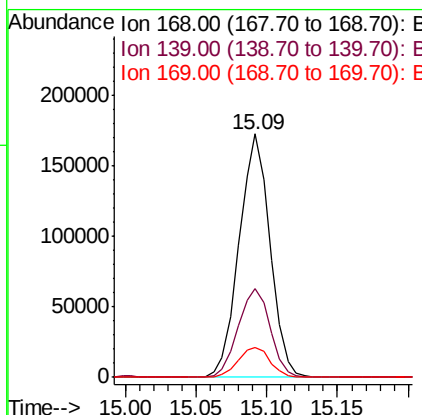
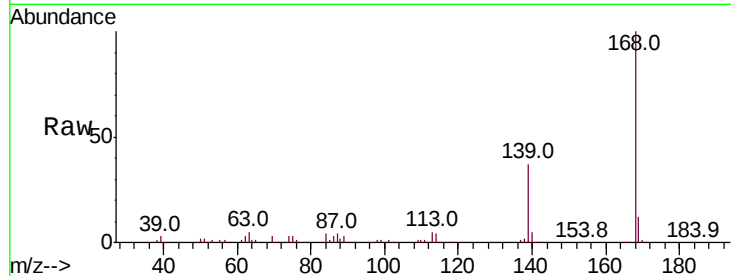
#55
Dibenzenofuran
Concen: 43.209 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_G
ClientSampleId :
PB115836BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.7	32.2	48.2
169	12.4	10.6	16.0

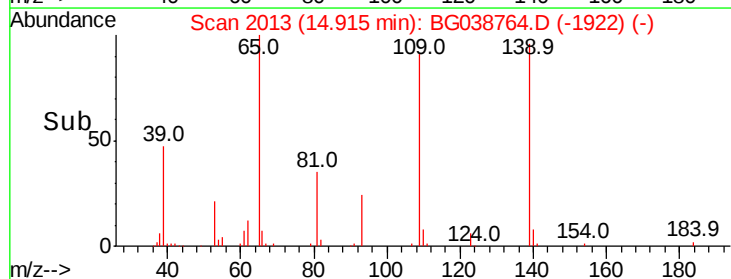
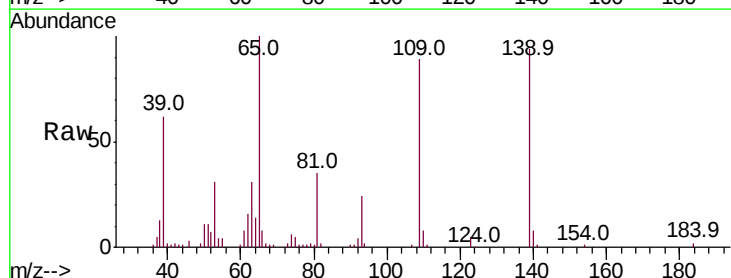
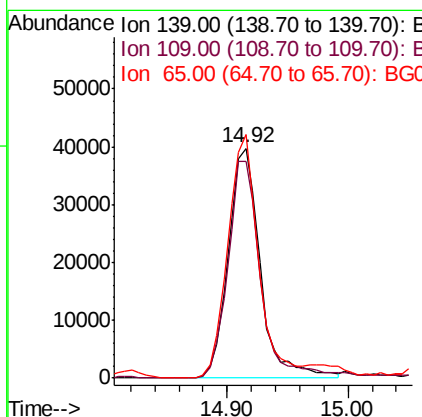
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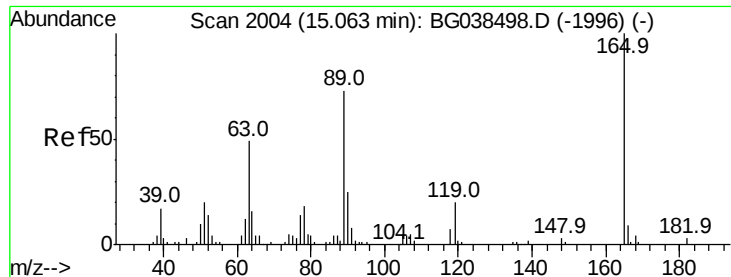
Sohil
12/21/2018 2:43:36 PM



#56
4-Nitrophenol
Concen: 84.083 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.6	73.6	113.6
65	106.1	84.8	124.8





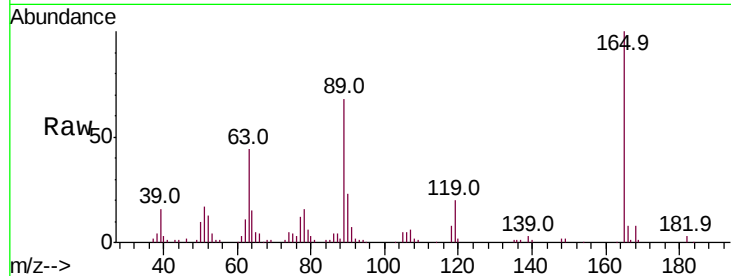
#57
2,4-Dinitrotoluene
Concen: 44.198 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_G
ClientSampleId :
PB115836BSD

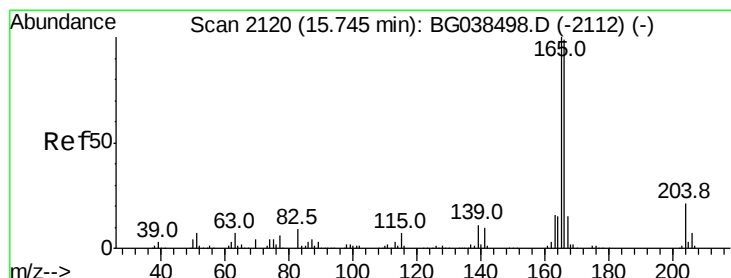
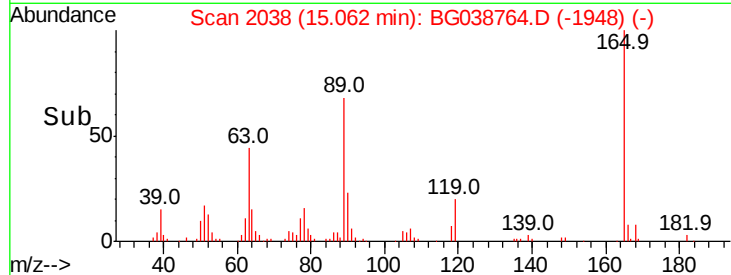
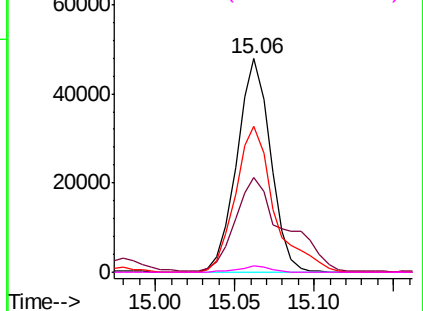
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.5	39.0	58.4	
89	68.5	58.0	87.0	
182	2.8	2.3	3.5	

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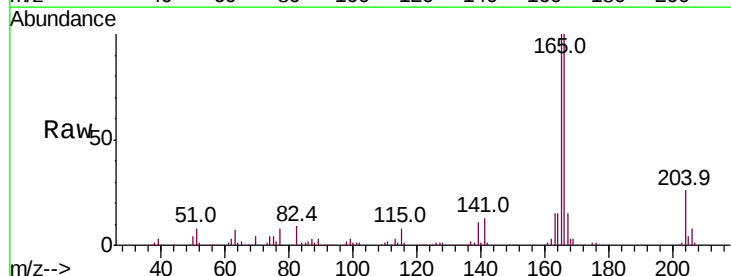


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

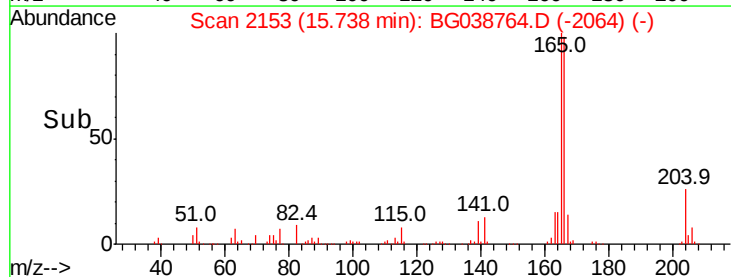
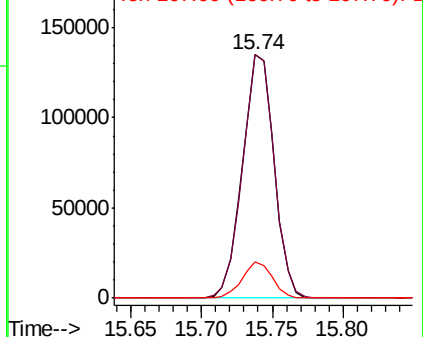


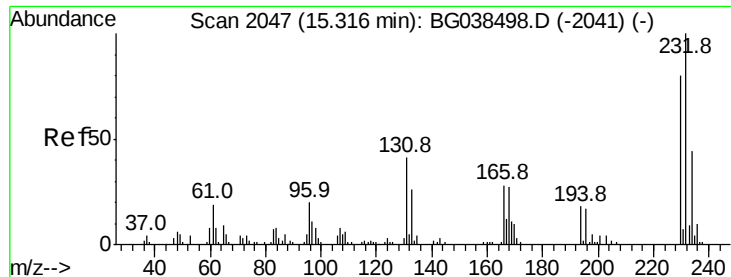
#58
Fluorene
Concen: 47.010 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.2	80.6	120.8	
167	14.9	12.0	18.0	



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





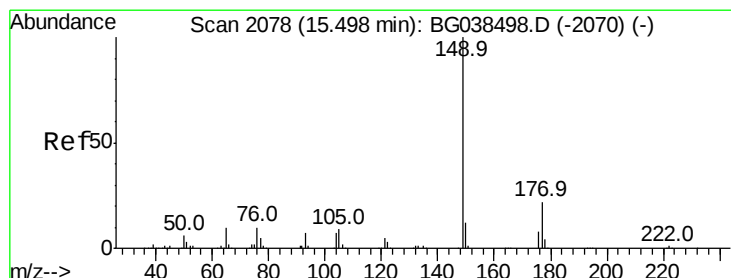
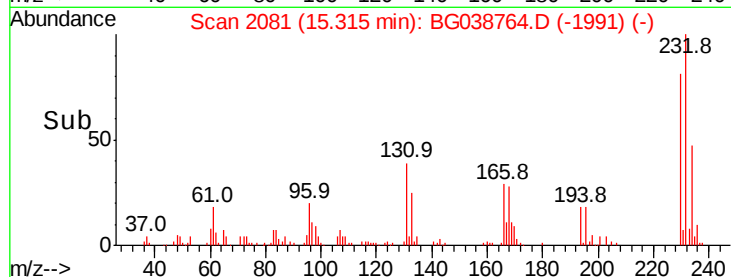
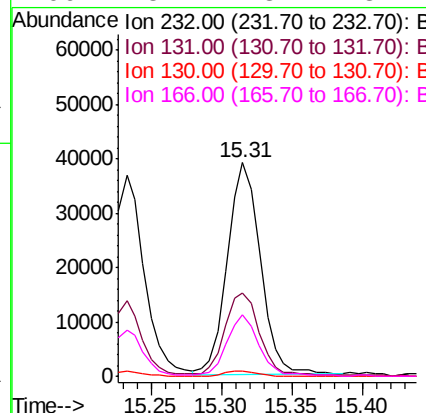
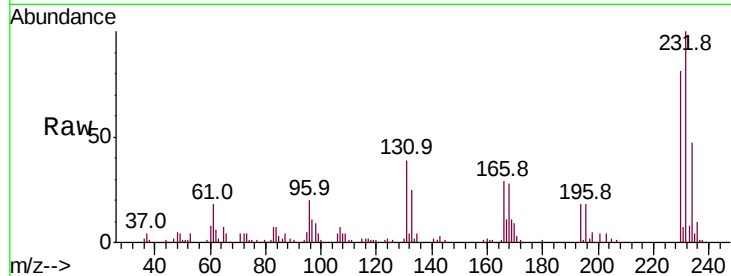
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.329 ng
 RT: 15.31 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115836BSD

Tot Ion:	232	Resp:	63446
Ion Ratio	Lower	Upper	
232	100		
131	40.8	33.0	49.4
130	2.5	2.0	3.0
166	28.7	23.1	34.7

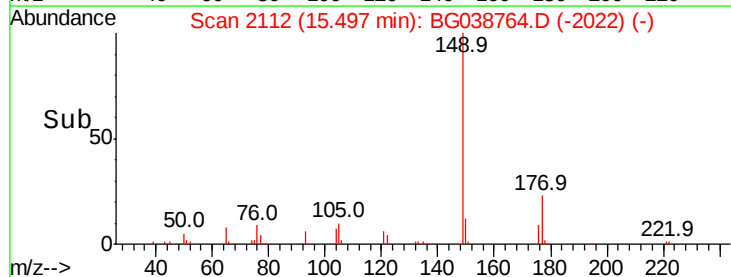
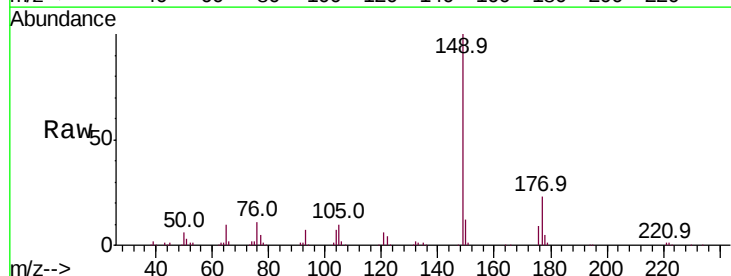
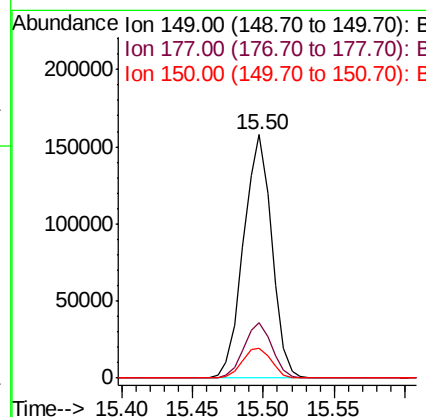
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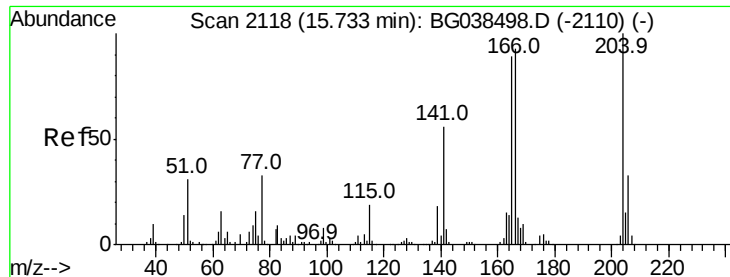
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#60
 Diethylphthalate
 Concen: 40.207 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Tgt Ion:	149	Resp:	220707
Ion Ratio	Lower	Upper	
149	100		
177	22.9	17.7	26.5
150	12.2	9.9	14.9





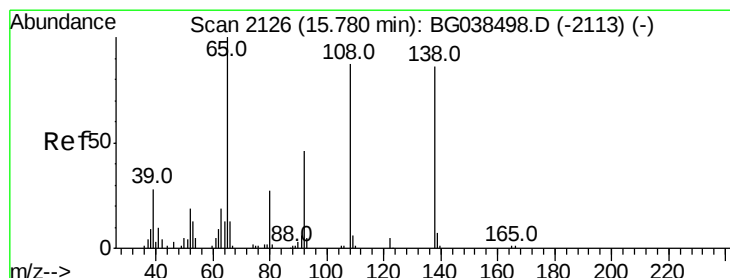
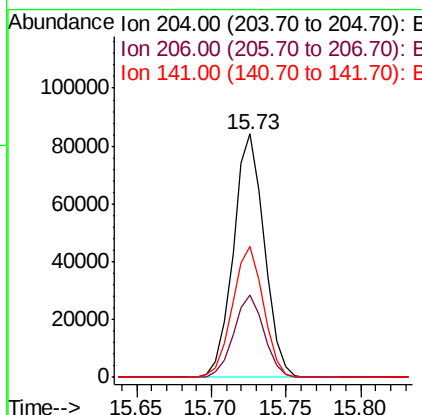
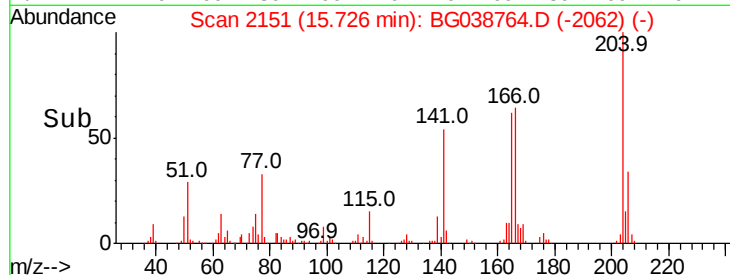
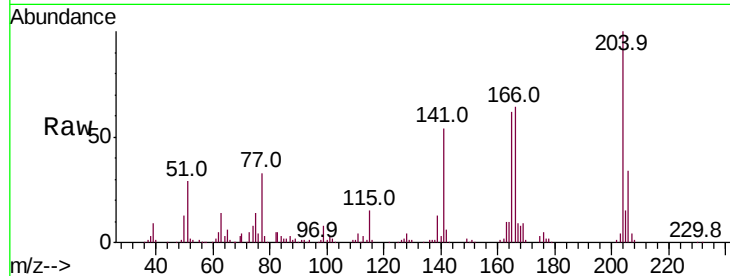
#61
 4-Chlorophenyl-phenylether
 Concen: 43.081 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Instrument :
 BNA_G
 ClientSampleID :
 PB115836BSD

Tot Ion:	204	Resp:	120999
Ion Ratio		Lower	Upper
204	100		
206	33.7	26.0	39.0
141	53.6	44.4	66.6

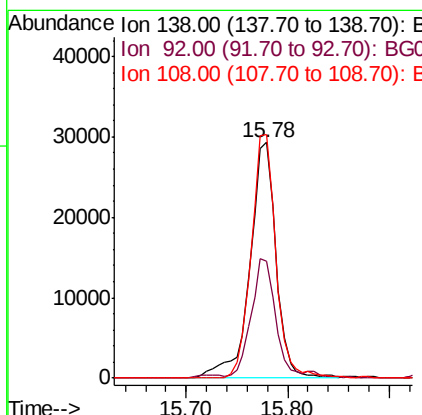
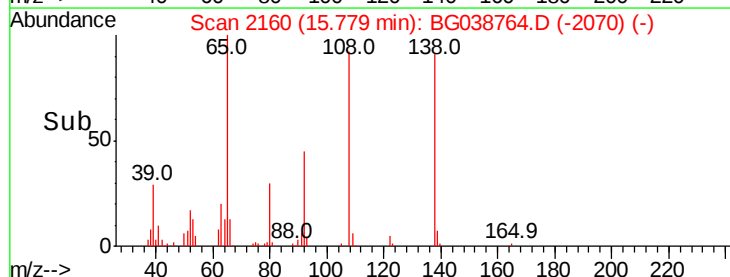
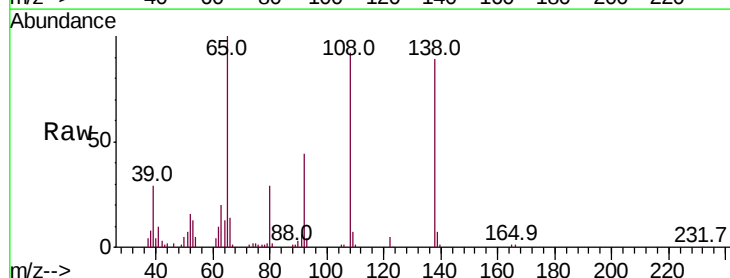
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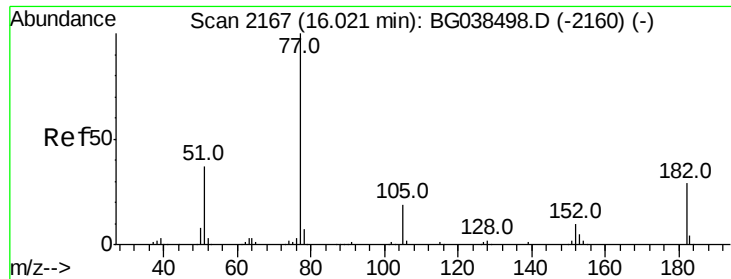
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#62
 4-Nitroaniline
 Concen: 44.132 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Tgt Ion:	138	Resp:	52482
Ion Ratio		Lower	Upper
138	100		
92	49.4	33.3	73.3
108	103.2	81.4	121.4





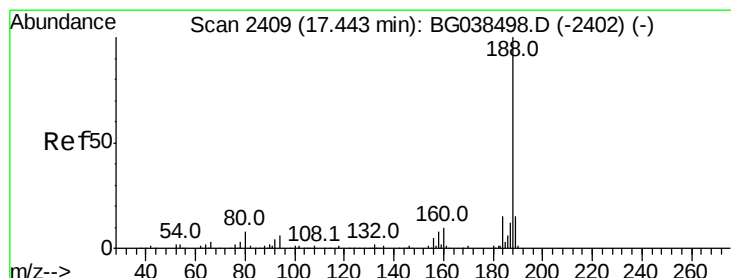
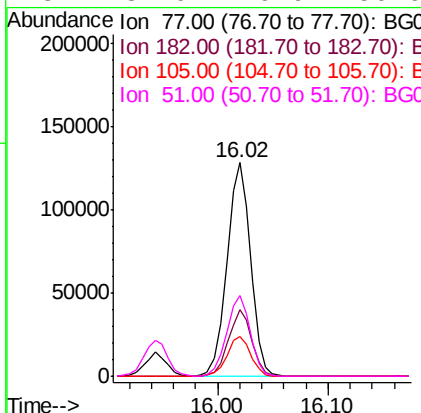
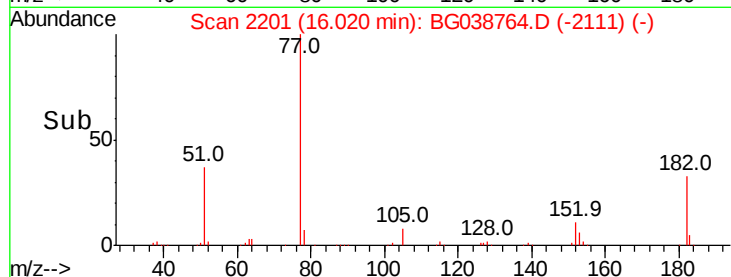
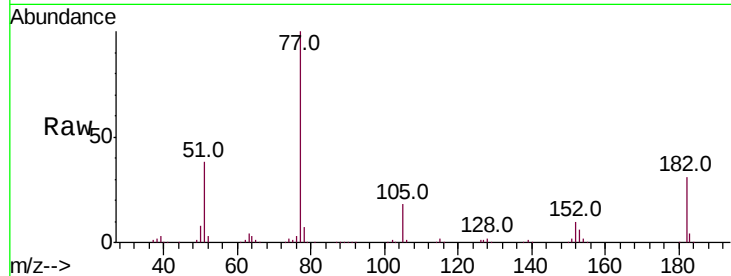
#63
Azobenzene
Concen: 41.687 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_G
ClientSampleId :
PB115836BSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	31.2	8.7	48.7	
105	18.5	0.0	38.7	
51	37.9	16.6	56.6	

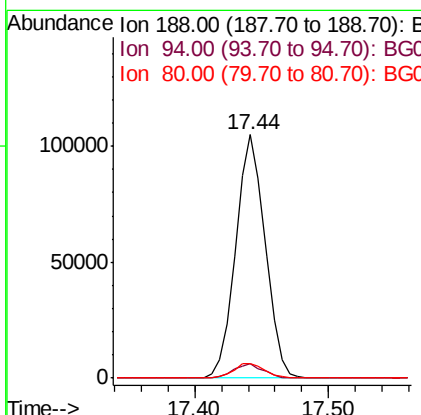
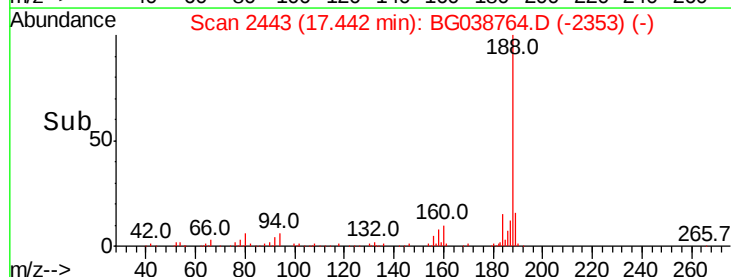
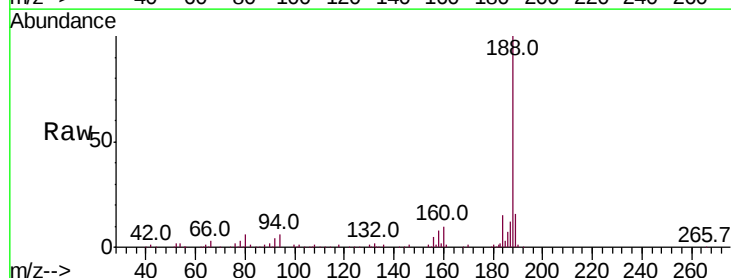
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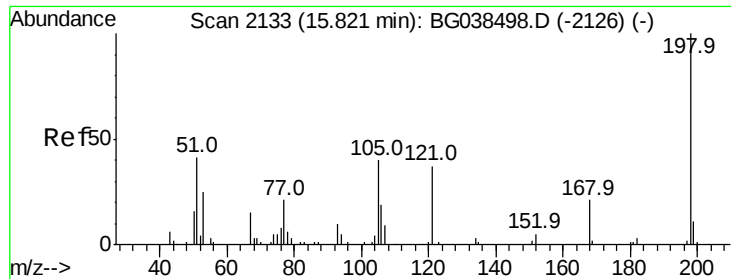
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

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





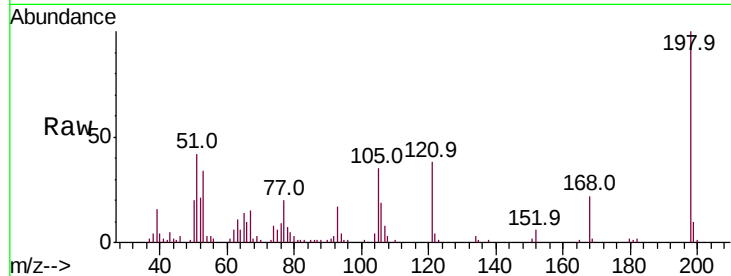
#65
4,6-Dinitro-2-methylphenol
Concen: 38.912 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_G
ClientSampleId :
PB115836BSD

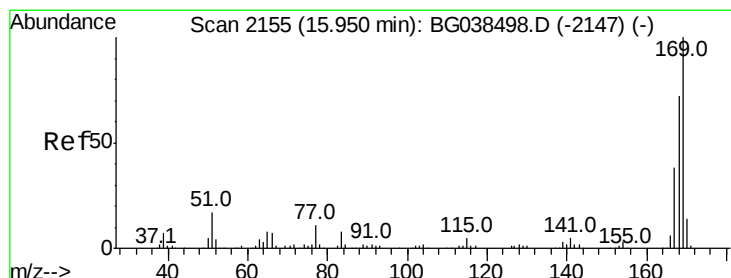
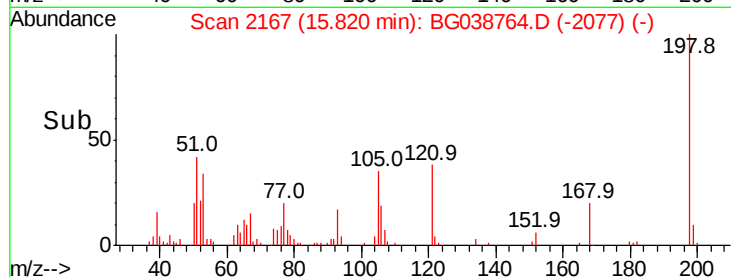
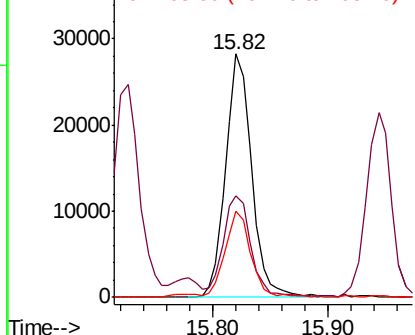
Tot Ion	Ratio	Lower	Upper
198	100		
51	41.9	28.6	68.6
105	35.2	20.4	60.4

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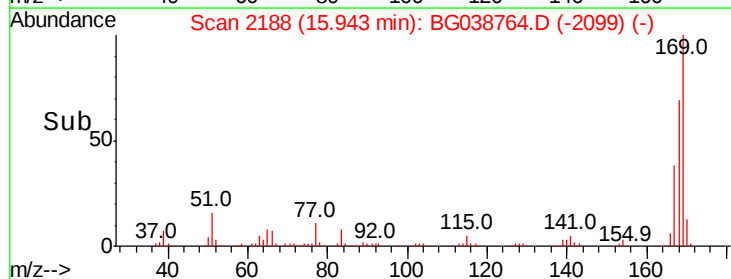
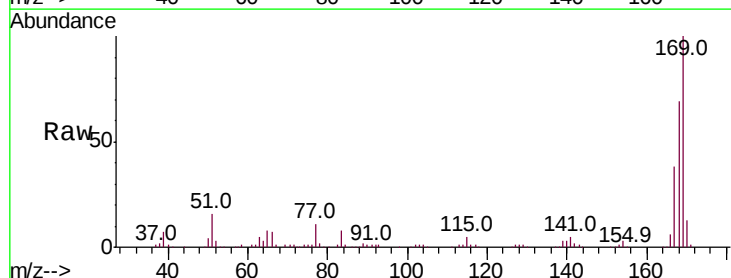
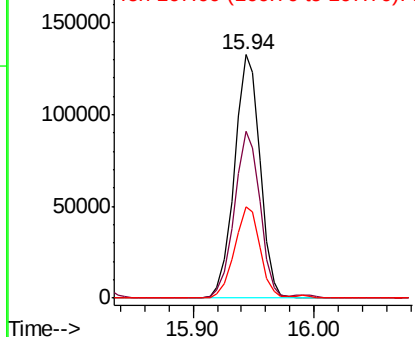
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

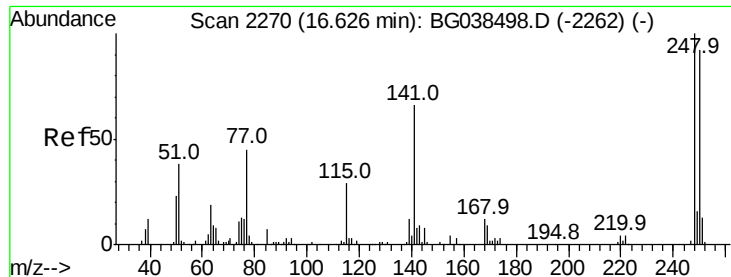


#66
n-Nitrosodiphenylamine
Concen: 41.555 ng
RT: 15.94 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.7	57.5	86.3
167	37.7	30.2	45.2

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 41.695 ng

RT: 16.62 min Scan# 2303

Delta R.T. -0.01 min

Lab File: BG038764.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_G

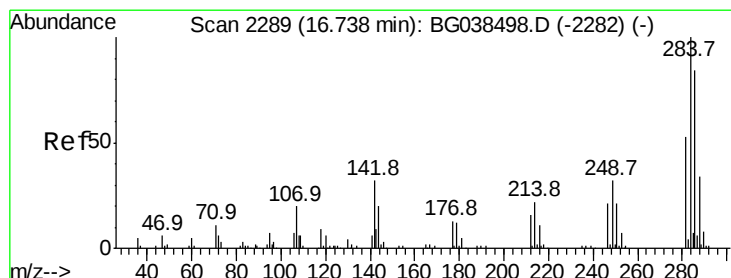
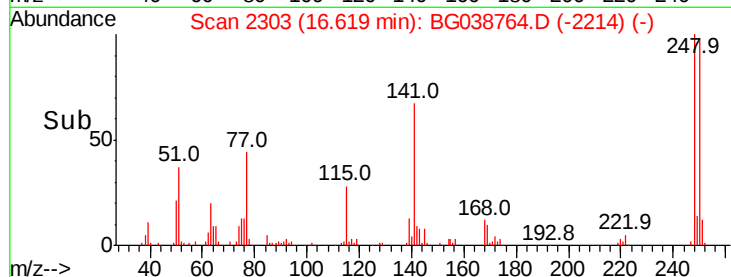
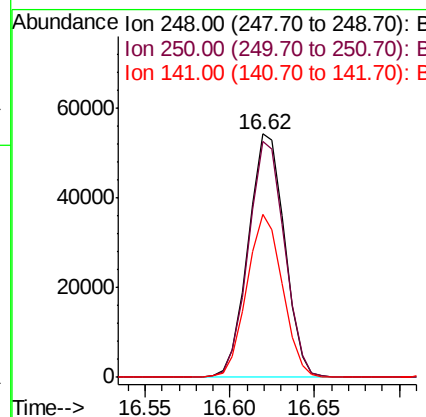
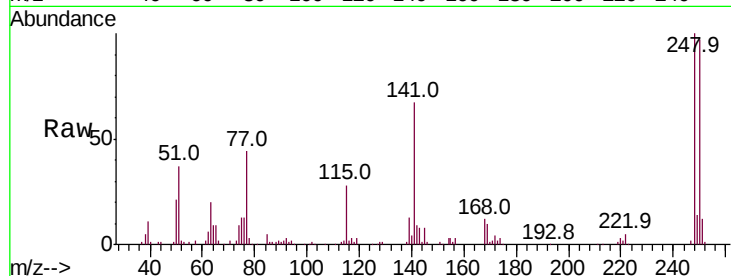
ClientSampleId :

PB115836BSD

Tot Ion:	248	Resp:	81405
Ion Ratio	Lower	Upper	
248	100		
250	97.1	73.4	110.2
141	66.7	52.9	79.3

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#68

Hexachlorobenzene

Concen: 42.774 ng

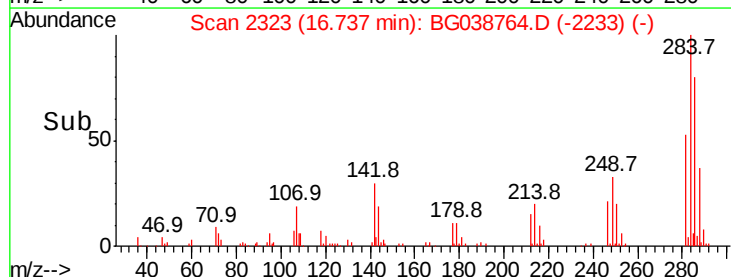
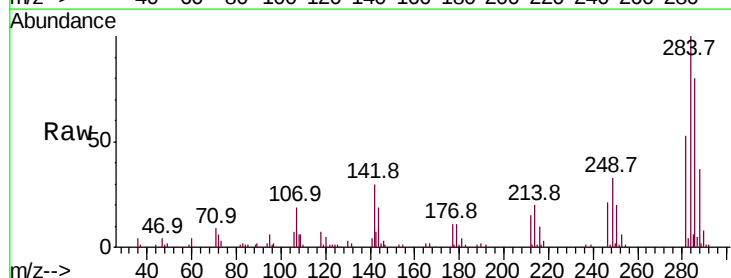
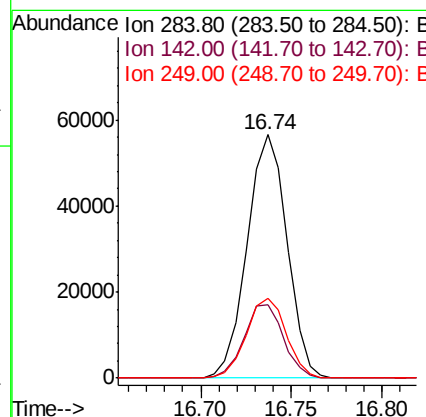
RT: 16.74 min Scan# 2323

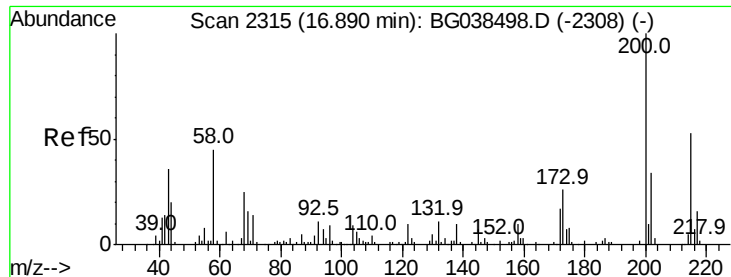
Delta R.T. -0.00 min

Lab File: BG038764.D

Acq: 20 Dec 2018 16:14

Tgt Ion:	284	Resp:	86568
Ion Ratio	Lower	Upper	
284	100		
142	30.3	25.8	38.6
249	35.2	27.0	40.4





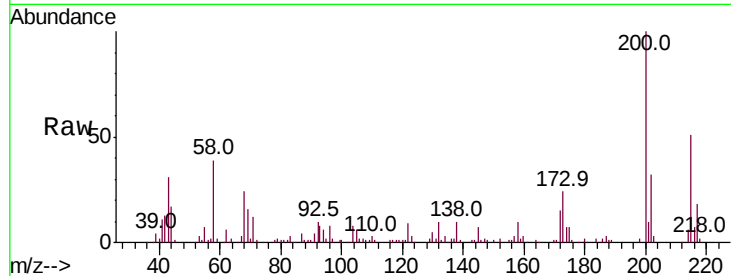
#69
Atrazine
Concen: 45.686 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_G
ClientSampleId :
PB115836BSD

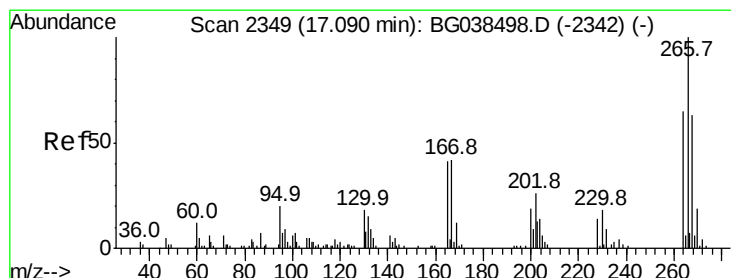
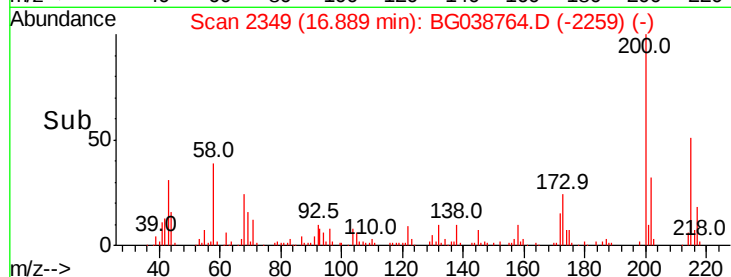
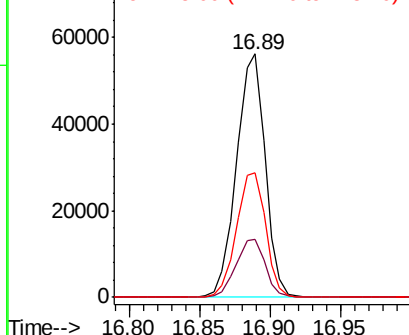
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	5.9	45.9
215	51.4	33.1	73.1

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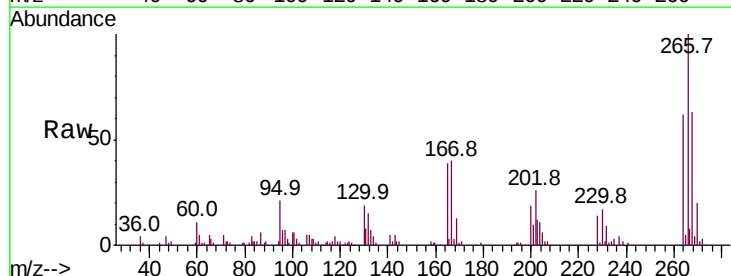


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

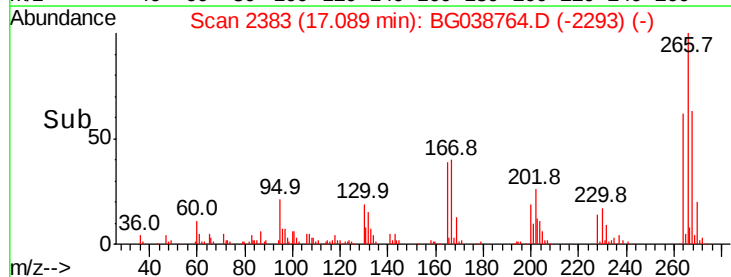
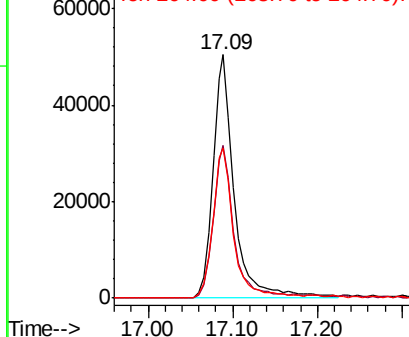


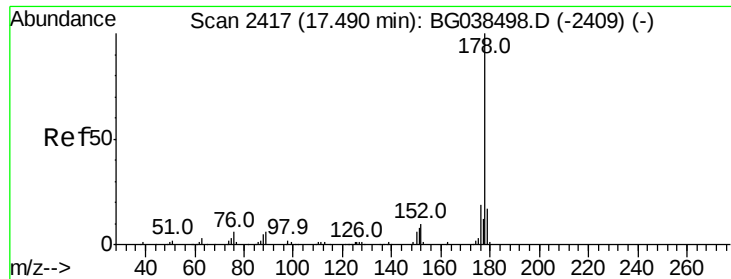
#70
Pentachlorophenol
Concen: 74.428 ng
RT: 17.09 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

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



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





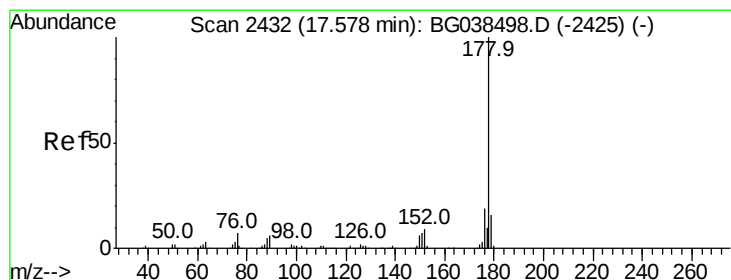
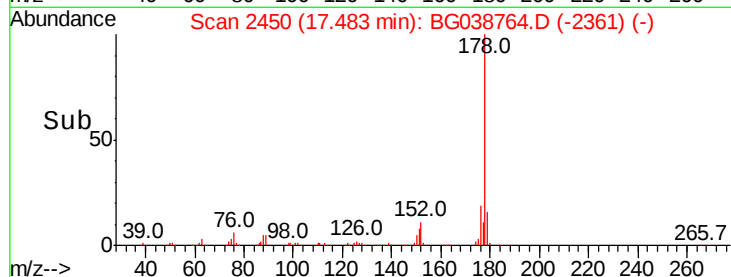
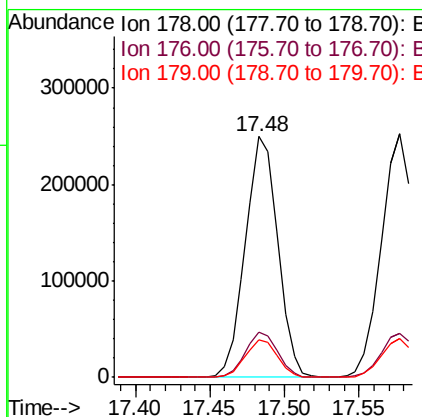
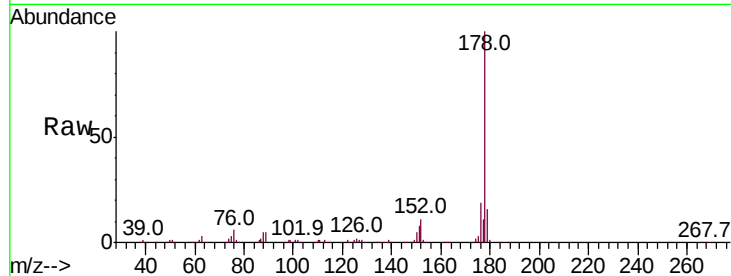
#71
Phenanthrene
Concen: 45.280 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_G
ClientSampleId :
PB115836BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.7	13.2	19.8

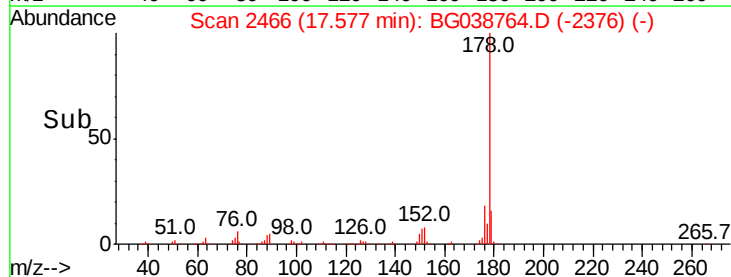
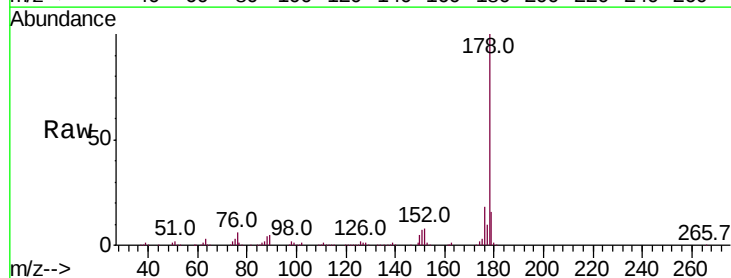
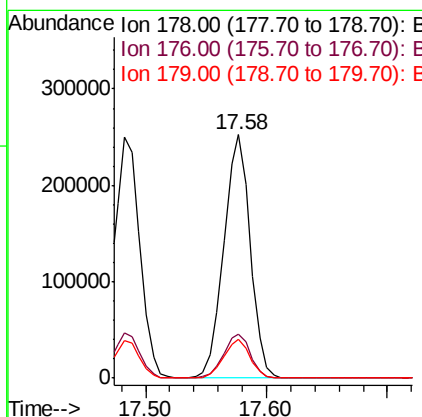
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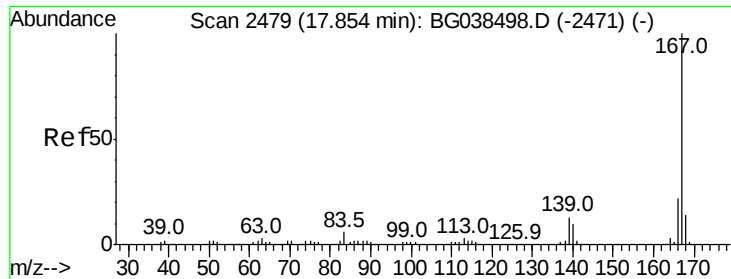
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#72
Anthracene
Concen: 46.730 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.1	22.7
179	15.7	12.9	19.3





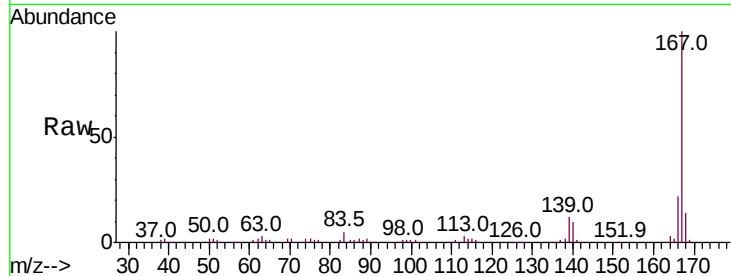
#73
 Carbazole
 Concen: 41.817 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115836BSD

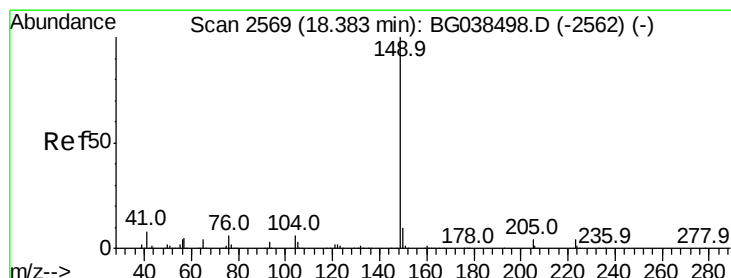
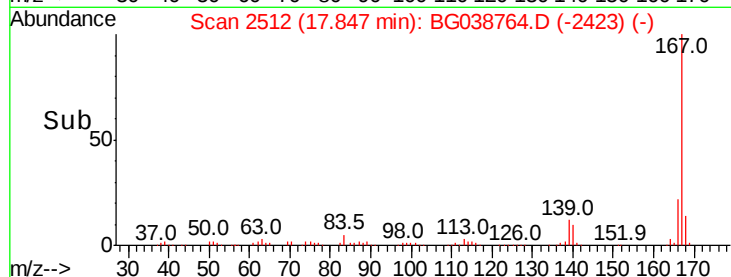
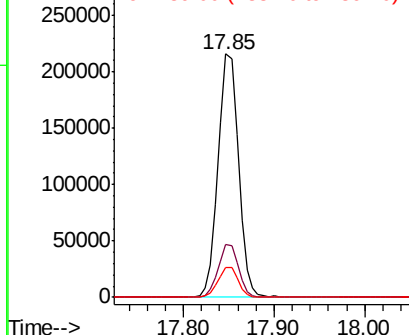
Tot Ion:	167	Resp:	338450
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.9	26.9
139	12.5	10.2	15.2

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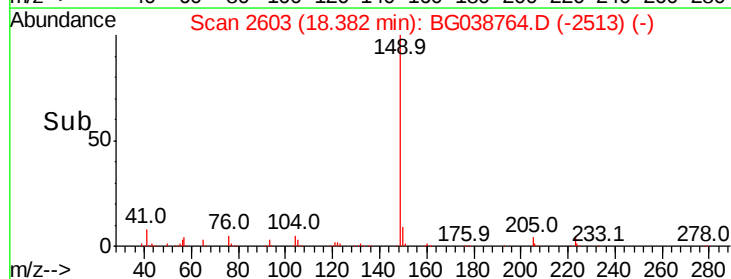
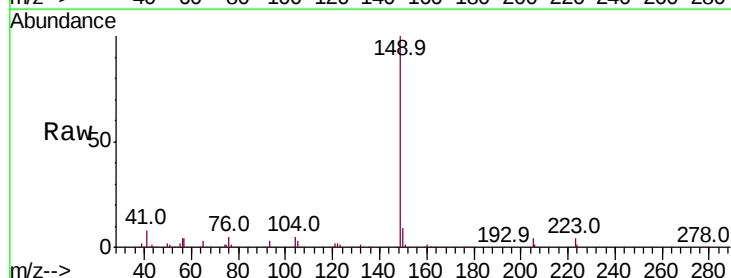
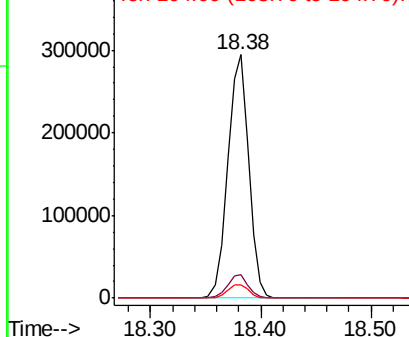
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

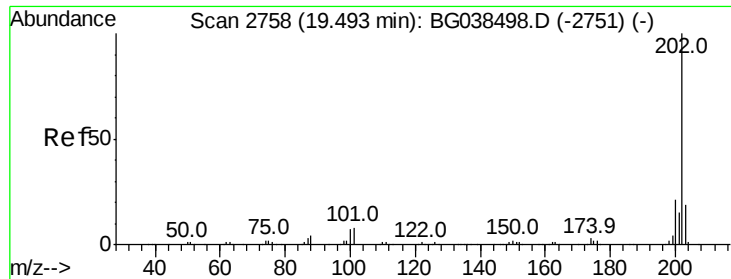


#74
 Di-n-butylphthalate
 Concen: 42.040 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Tgt Ion:	149	Resp:	390428
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.6	11.4
104	5.5	5.0	7.4

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





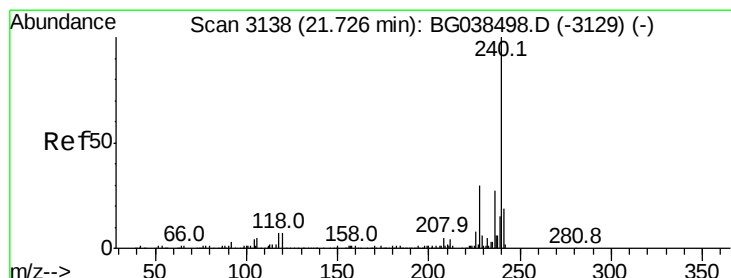
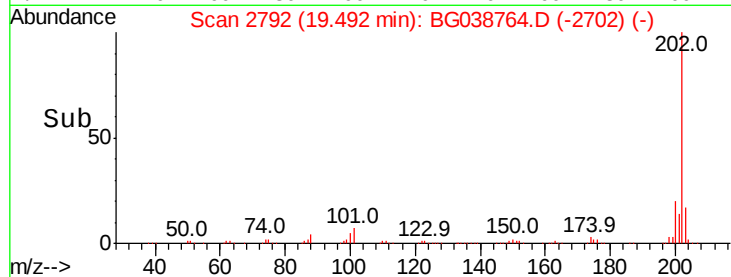
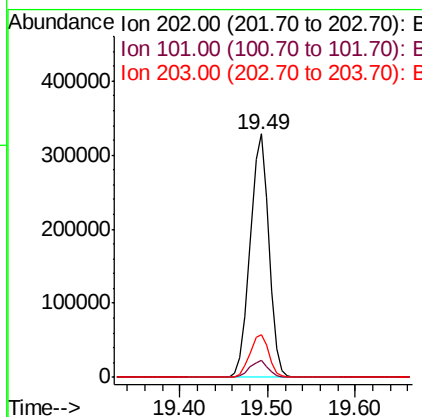
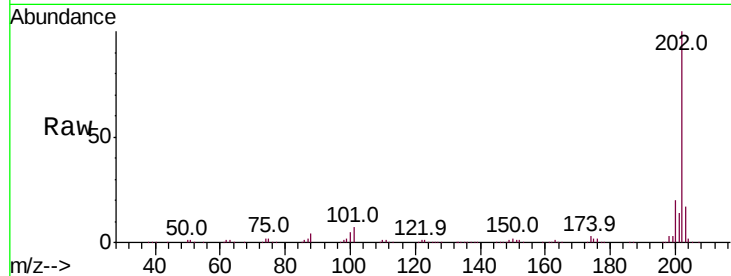
#75
Fluoranthene
 Concen: 45.816 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115836BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.9	0.0	28.1
203	17.4	0.0	39.0

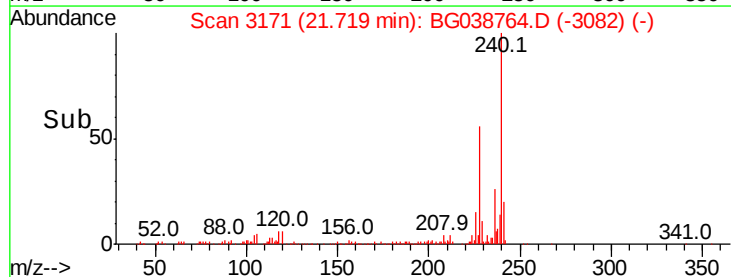
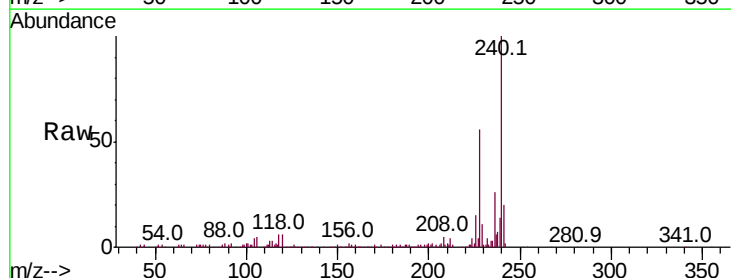
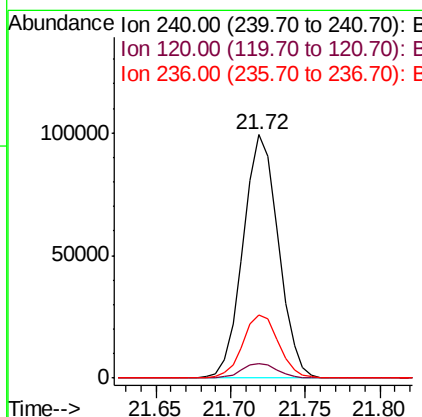
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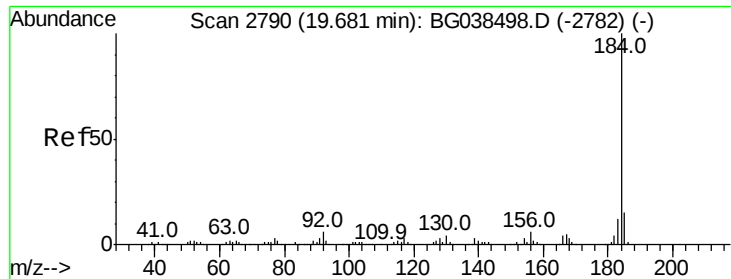
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#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.0	5.3	7.9
236	25.7	21.4	32.2





#77

Benzidine

Concen: 43.253 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038764.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_G

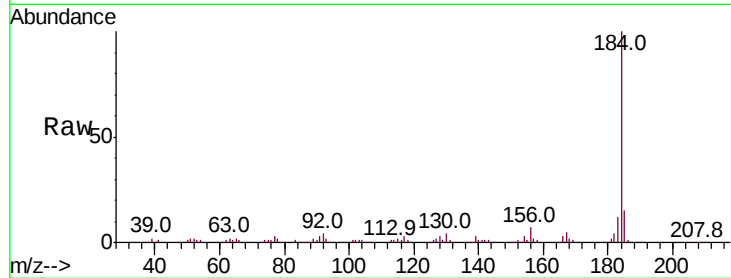
ClientSampleId :

PB115836BSD

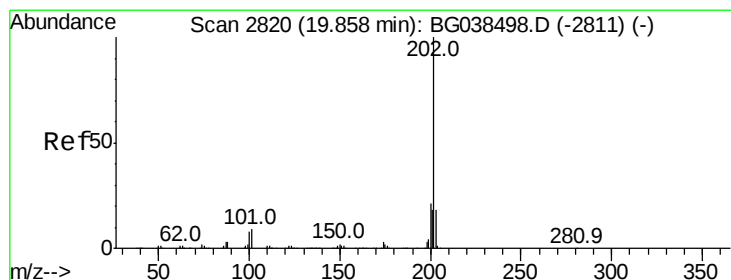
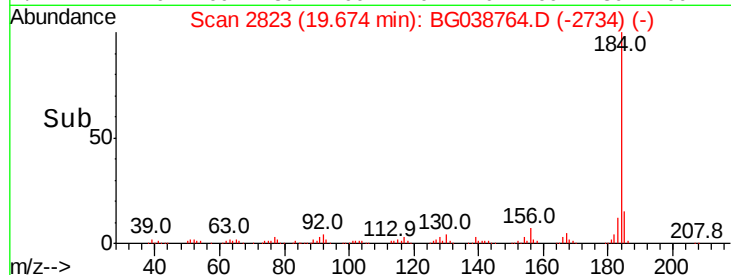
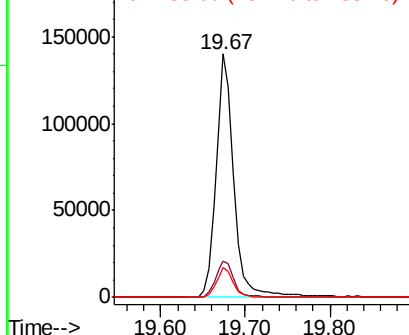
Tot Ion:	184	Resp:	207759
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.2	18.2
183	12.4	9.6	14.4

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



#78

Pyrene

Concen: 43.286 ng

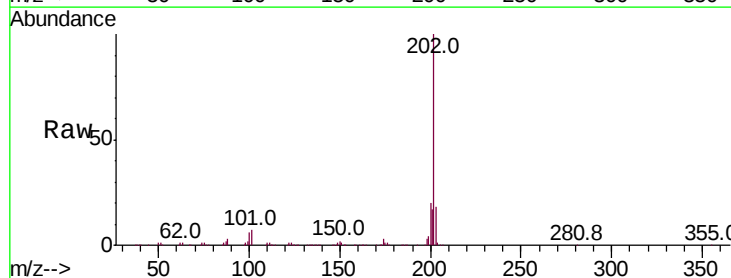
RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

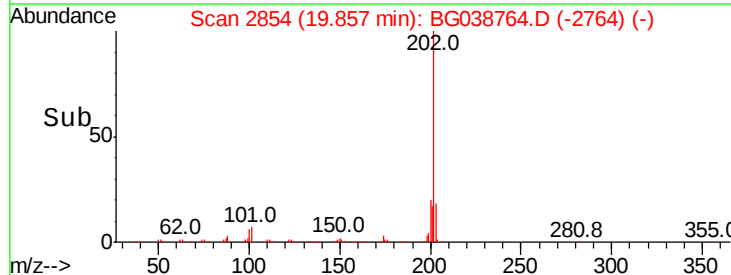
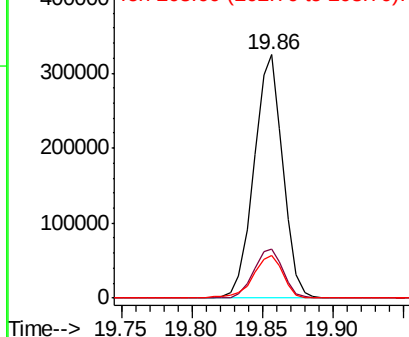
Lab File: BG038764.D

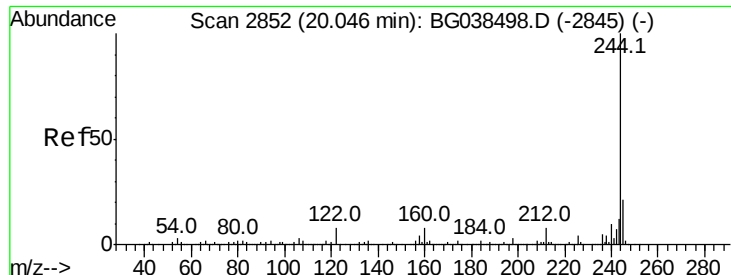
Acq: 20 Dec 2018 16:14

Tgt Ion:	202	Resp:	464442
Ion Ratio	Lower	Upper	
202	100		
200	20.0	16.6	25.0
203	17.5	14.6	21.8



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





#79

Terphenyl-d14

Concen: 82.628 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038764.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_G

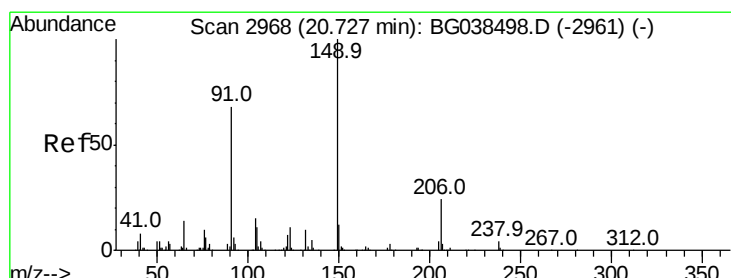
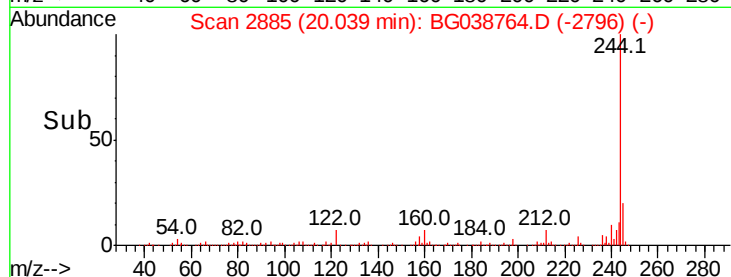
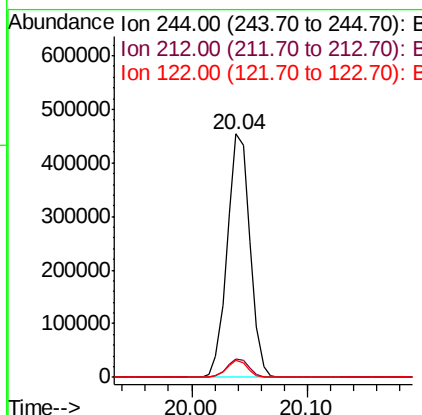
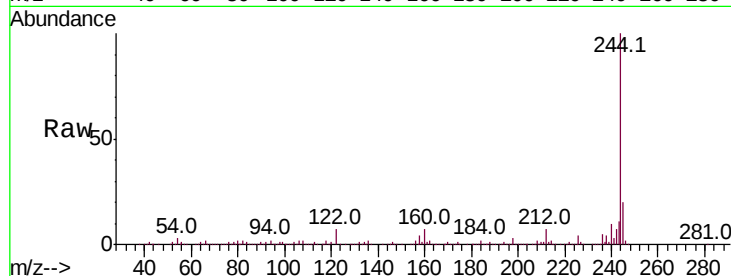
ClientSampleId :

PB115836BSD

Tot Ion:	244	Resp:	616635
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.2	9.2
122	6.9	6.3	9.5

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#80

Butylbenzylphthalate

Concen: 42.181 ng

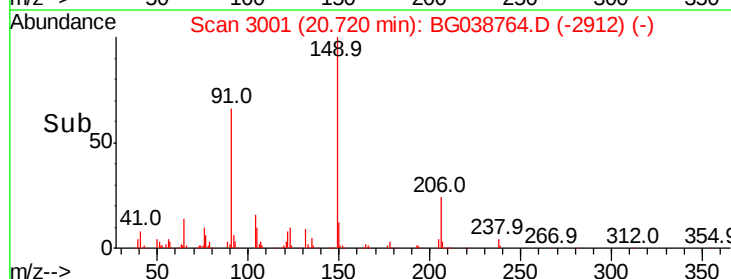
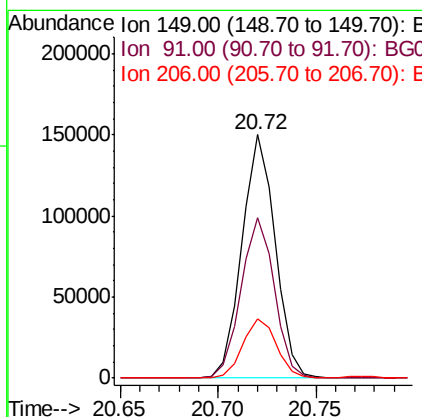
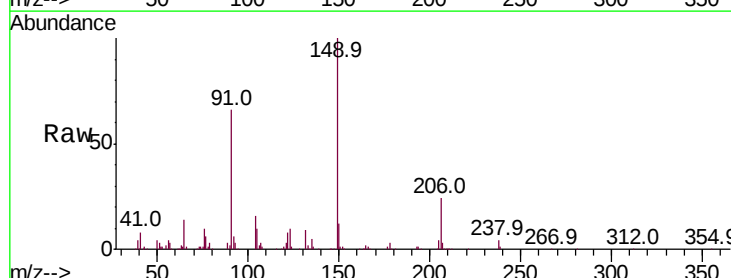
RT: 20.72 min Scan# 3001

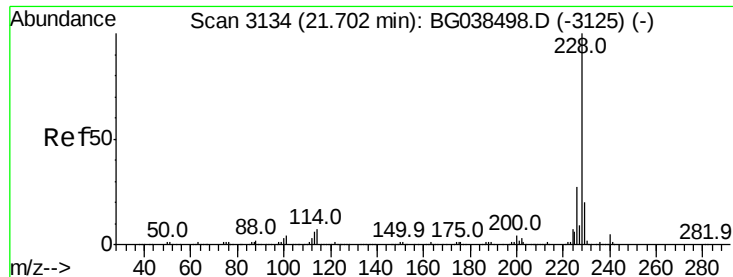
Delta R.T. -0.01 min

Lab File: BG038764.D

Acq: 20 Dec 2018 16:14

Tgt Ion:	149	Resp:	176822
Ion Ratio	Lower	Upper	
149	100		
91	66.0	54.5	81.7
206	24.2	19.0	28.6





#81

Benzo(a)anthracene

Concen: 46.460 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038764.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_G

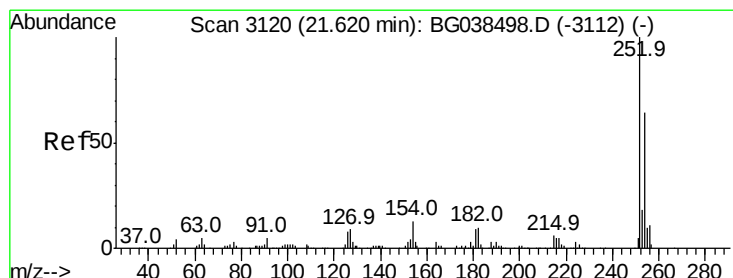
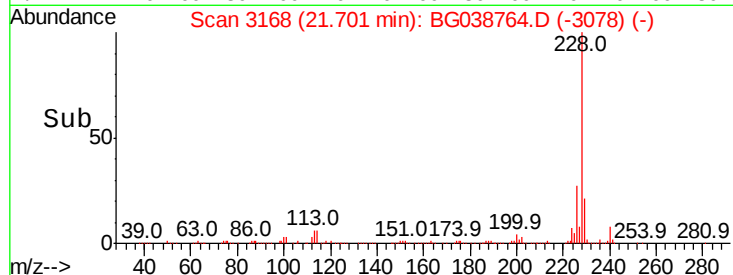
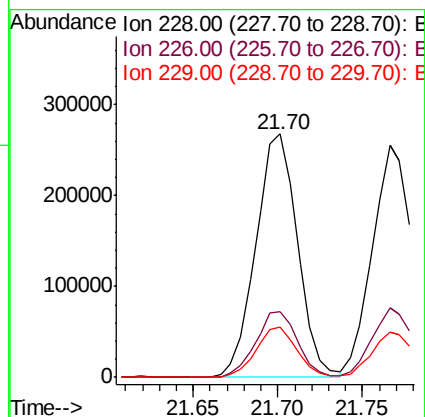
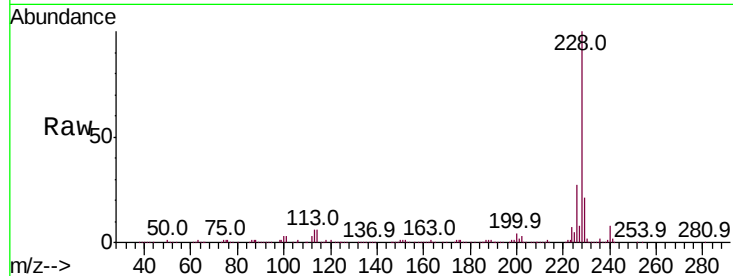
ClientSampleId :

PB115836BSD

Tot Ion:	228	Resp:	459801
Ion Ratio	Lower	Upper	
228	100		
226	27.1	21.8	32.8
229	20.7	15.8	23.6

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#82

3,3'-Dichlorobenzidine

Concen: 32.046 ng

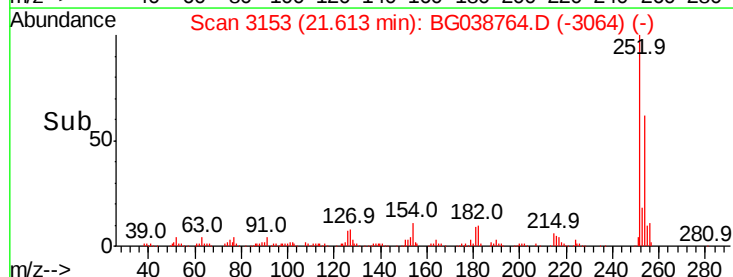
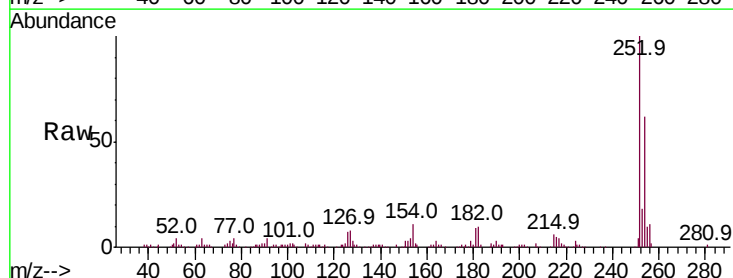
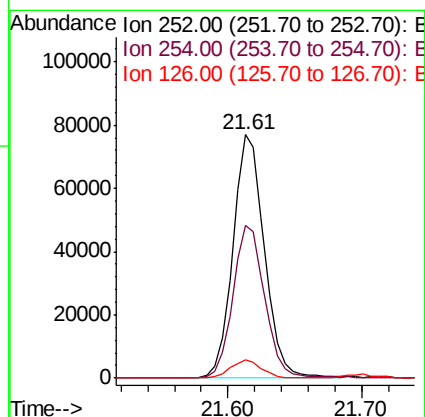
RT: 21.61 min Scan# 3153

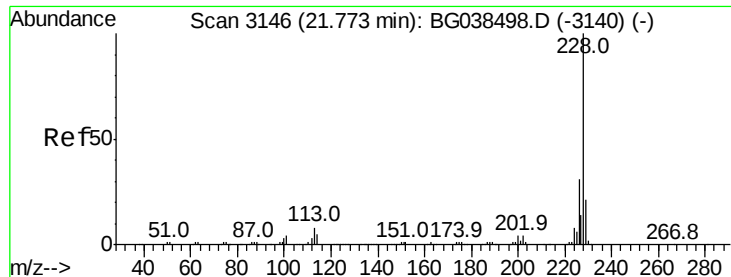
Delta R.T. -0.01 min

Lab File: BG038764.D

Acq: 20 Dec 2018 16:14

Tgt Ion:	252	Resp:	125784
Ion Ratio	Lower	Upper	
252	100		
254	62.5	50.9	76.3
126	7.3	6.3	9.5





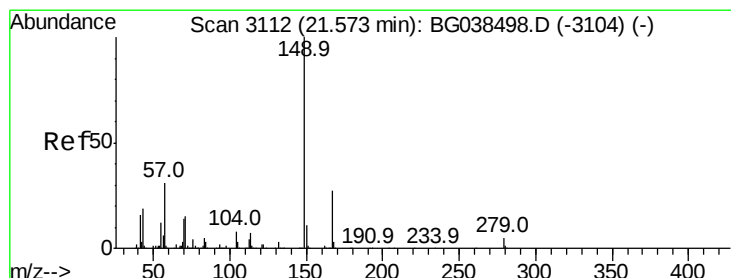
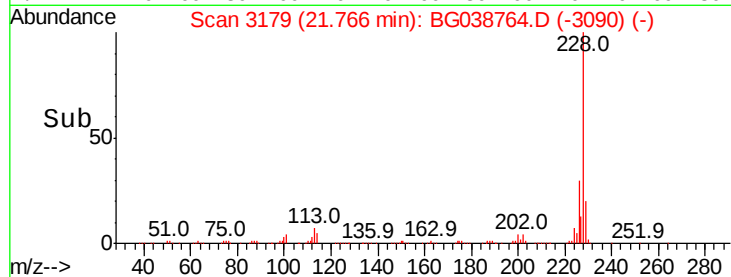
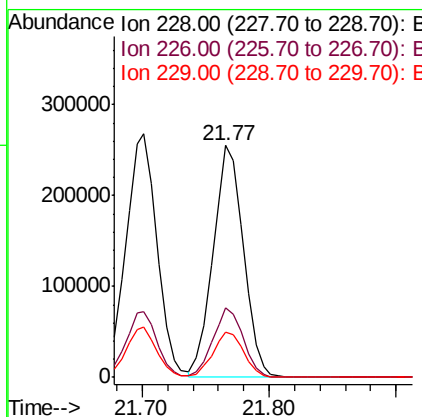
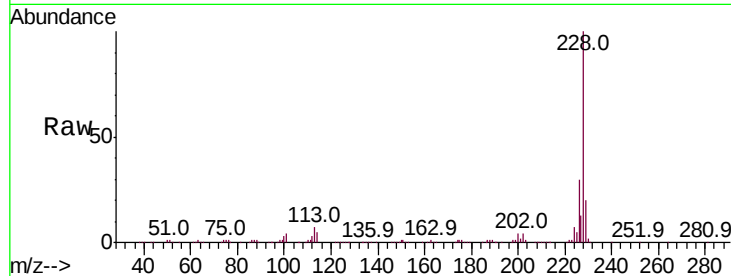
#83
 Chrysene
 Concen: 44.473 ng
 RT: 21.77 min Scan# 3179
 Delta R.T. -0.01 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Instrument :
 BNA_G
 ClientSampleId :
 PB115836BSD

Tot Ion:	228	Resp:	423941
Ion Ratio	Lower	Upper	
228	100		
226	29.8	25.0	37.4
229	19.6	16.5	24.7

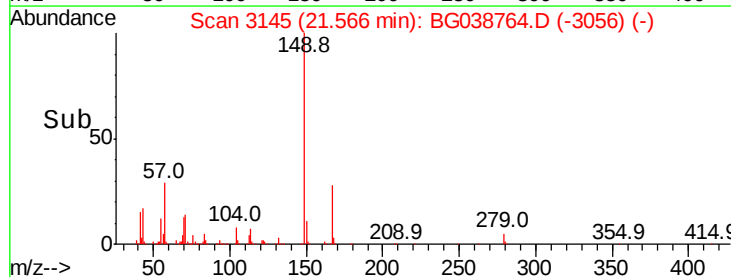
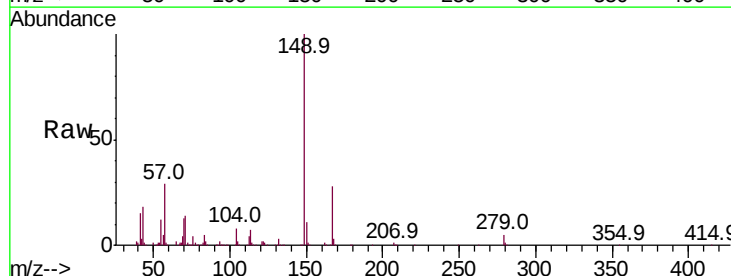
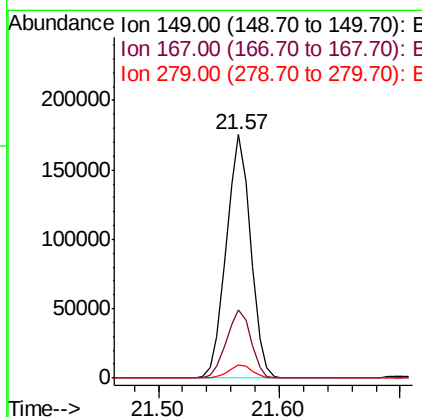
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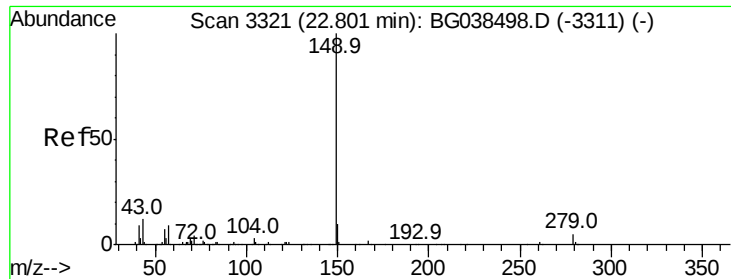
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.367 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG038764.D
 Acq: 20 Dec 2018 16:14

Tgt Ion:	149	Resp:	245943
Ion Ratio	Lower	Upper	
149	100		
167	28.1	21.9	32.9
279	5.5	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 42.110 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG038764.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_G

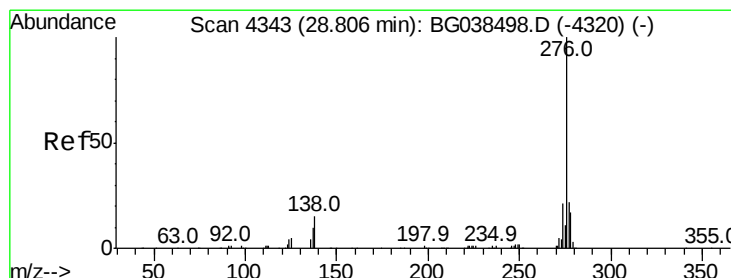
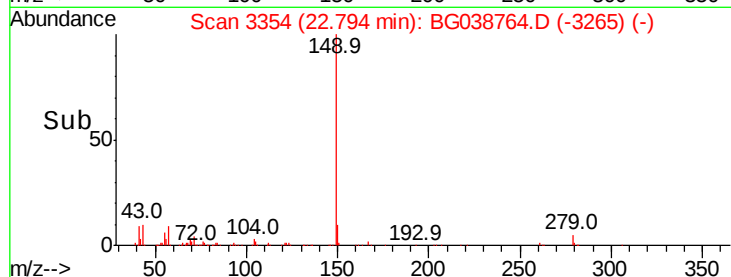
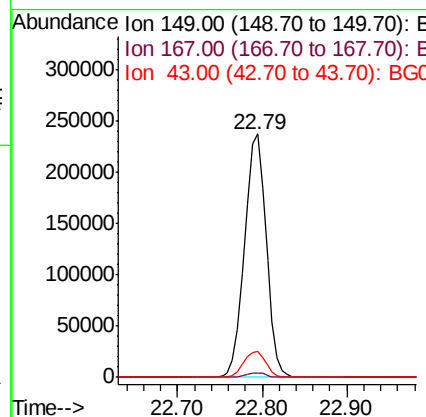
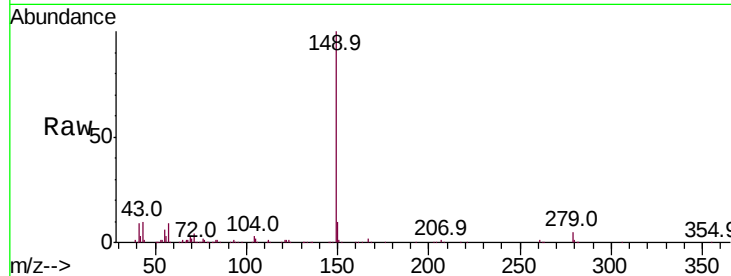
ClientSampleId :

PB115836BSD

Tot Ion:	149	Resp:	419283
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	10.9	9.3	13.9

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#86

Indeno(1,2,3-cd)pyrene

Concen: 45.656 ng

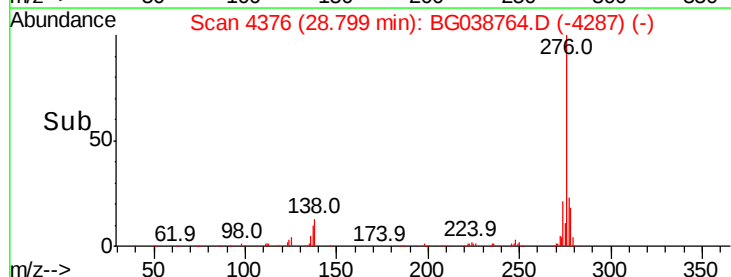
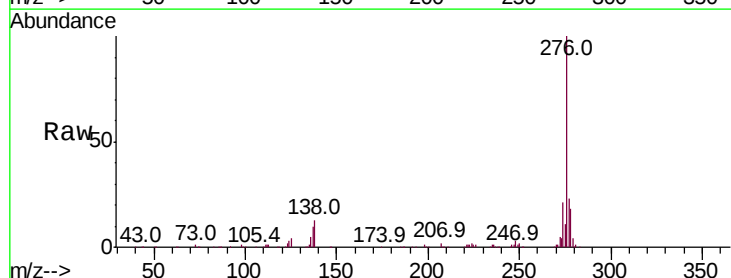
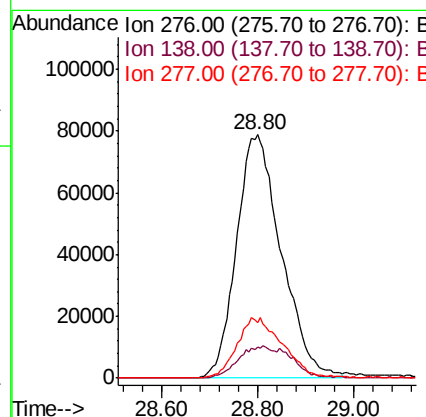
RT: 28.80 min Scan# 4376

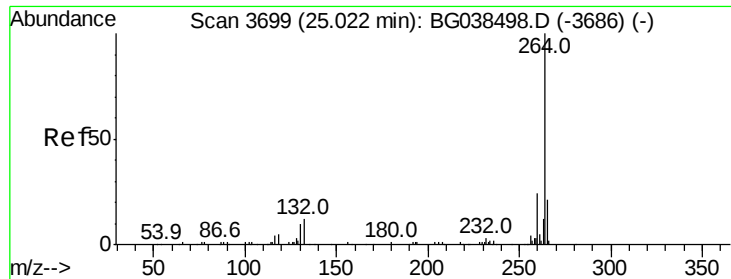
Delta R.T. -0.01 min

Lab File: BG038764.D

Acq: 20 Dec 2018 16:14

Tgt Ion:	276	Resp:	511671
Ion Ratio	Lower	Upper	
276	100		
138	10.6	14.4	21.6#
277	25.4	0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038764.D

Acq: 20 Dec 2018 16:14

Instrument :

BNA_G

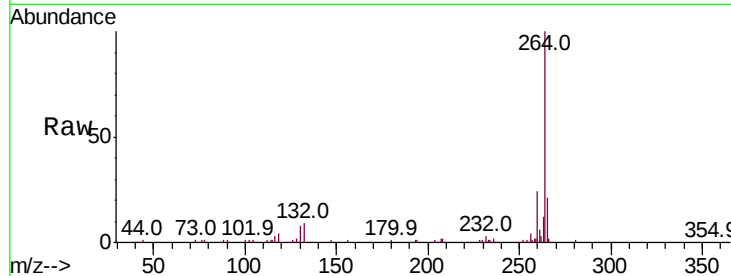
ClientSampleId :

PB115836BSD

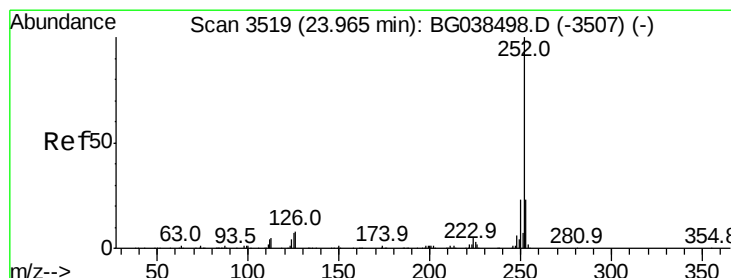
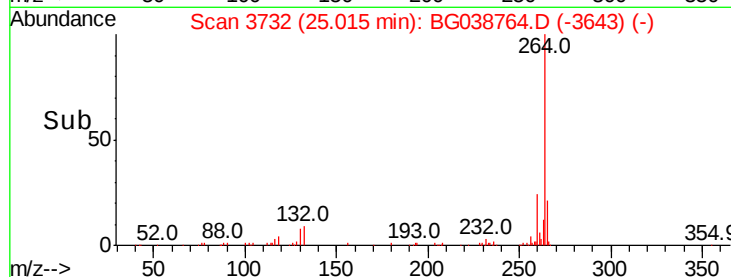
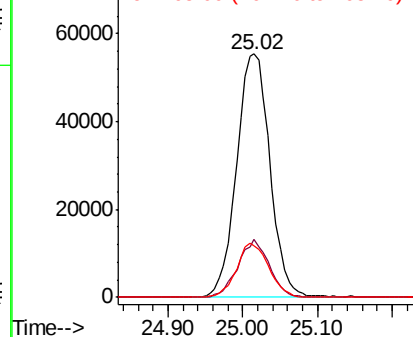
Tot Ion:	264	Resp:	171462
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.9	28.3
265	21.1	17.0	25.4

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



#88

Benzo(b)fluoranthene

Concen: 50.120 ng

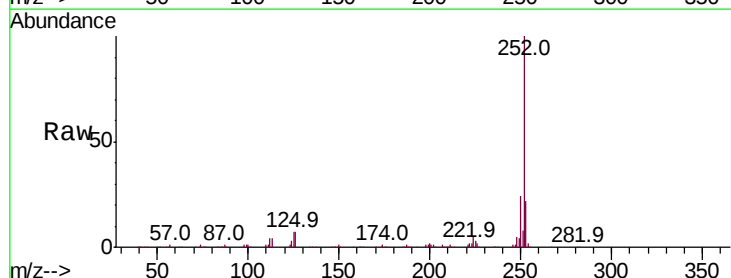
RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

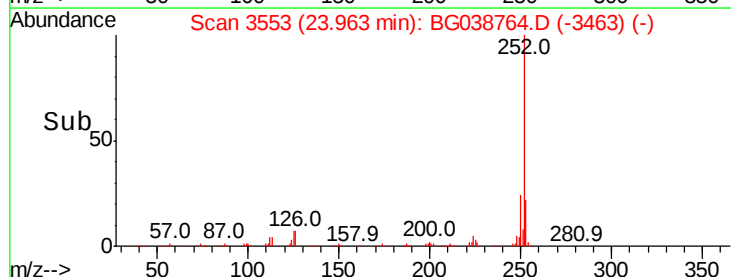
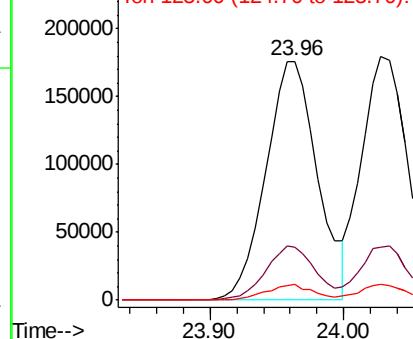
Lab File: BG038764.D

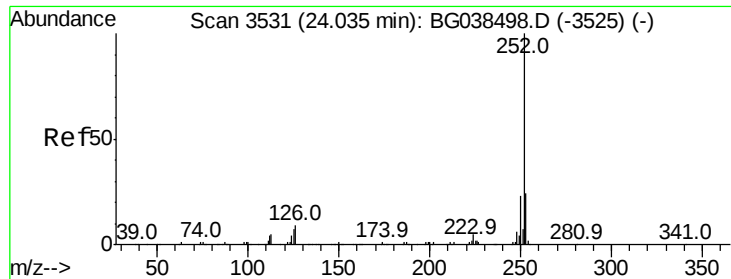
Acq: 20 Dec 2018 16:14

Tgt Ion:	252	Resp:	471828
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.1	27.1
125	6.6	5.5	8.3



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





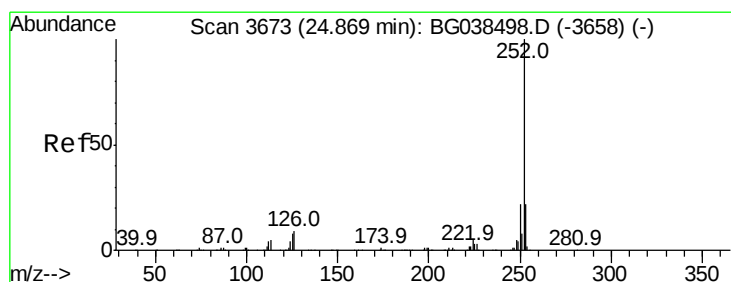
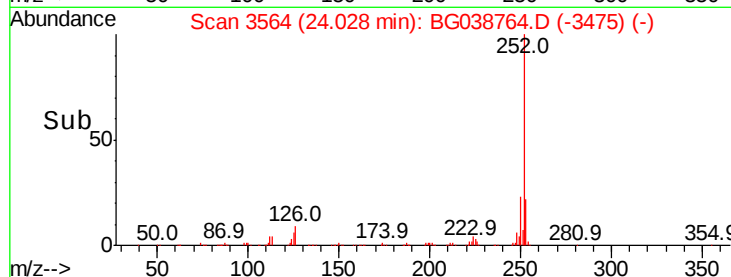
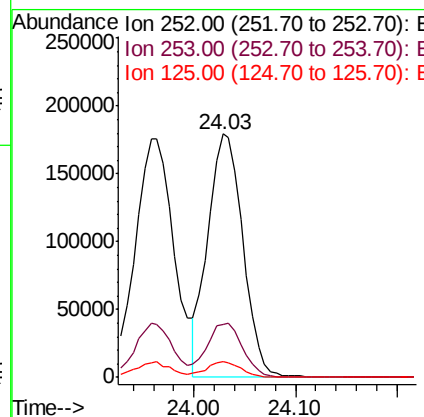
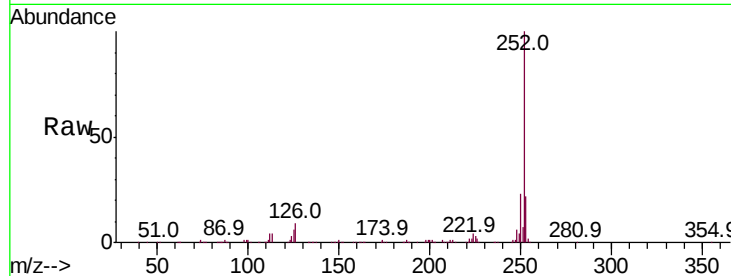
#89
Benzo(k)fluoranthene
Concen: 45.725 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.01 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_G
ClientSampleId :
PB115836BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.9	28.3
125	6.2	5.4	8.2

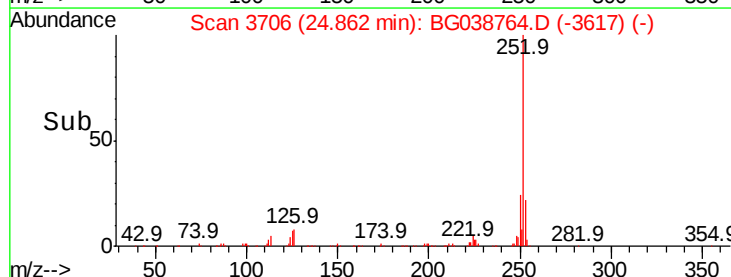
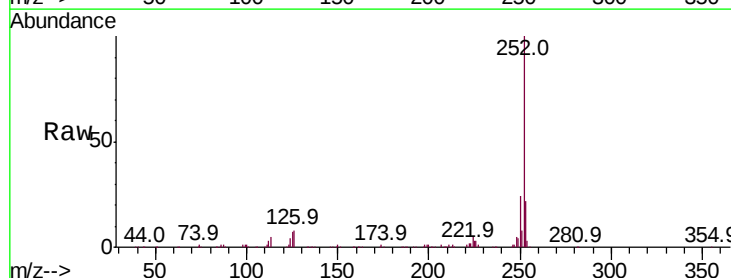
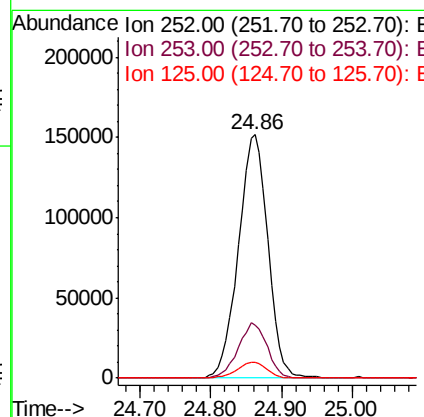
Manual Integrations
APPROVED

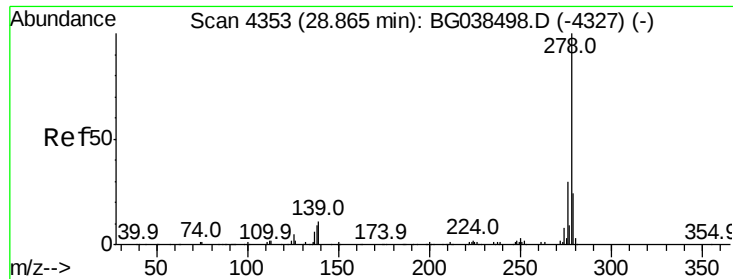
Sohil
12/21/2018 2:43:36 PM



#90
Benzo(a)pyrene
Concen: 48.533 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	6.5	6.4	9.6





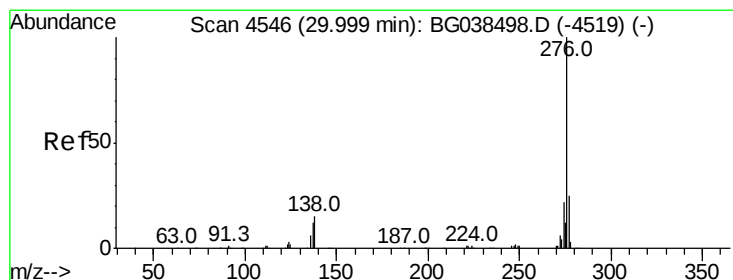
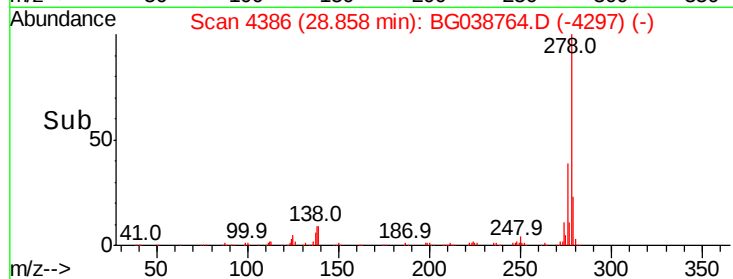
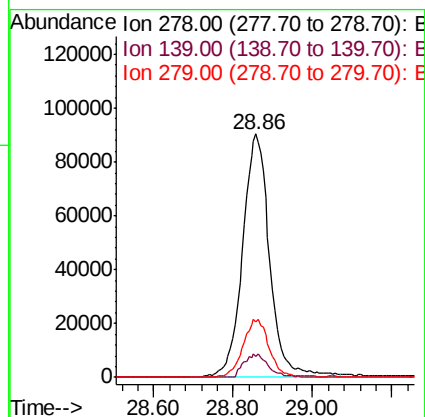
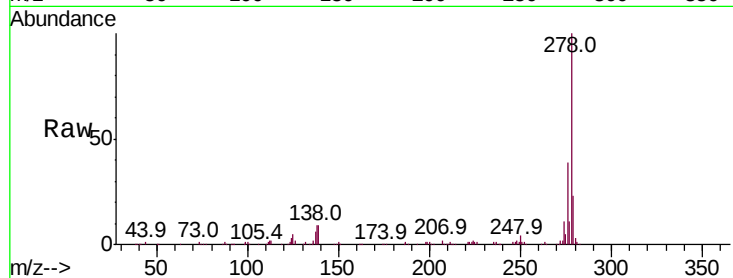
#91
Dibenzo(a,h)anthracene
Concen: 47.367 ng
RT: 28.86 min Scan# 4386
Delta R.T. -0.01 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Instrument :
BNA_G
ClientSampleId :
PB115836BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.8	8.6	12.8
279	23.0	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/21/2018 2:43:36 PM



#92
Benzo(g,h,i)perylene
Concen: 46.677 ng
RT: 29.99 min Scan# 4578
Delta R.T. -0.01 min
Lab File: BG038764.D
Acq: 20 Dec 2018 16:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.8	29.8
138	12.6	11.8	17.6

