

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121118\
 Data File : BG038473.D
 Acq On : 11 Dec 2018 17:20
 Operator : JU/SJ
 Sample : PB115480BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115480BS

Manual Integrations
 APPROVED

Sohil
 12/12/2018 6:25:38 PM

Quant Time: Dec 12 17:38:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	27732	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	123222	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	82075	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	255531	20.00	ng	0.00
76) Chrysene-d12	21.74	240	187745	20.00	ng	0.00
87) Perylene-d12	25.04	264	249912	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	173151	110.49	ng	0.00
7) Phenol-d6	7.22	99	238132	105.14	ng	0.00
23) Nitrobenzene-d5	9.25	82	154936	62.43	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	112113	111.27	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	376044	65.29	ng	0.00
79) Terphenyl-d14	20.06	244	645437	73.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	15608	21.731	ng	# 87
3) Pyridine	3.90	79	45799	21.315	ng	90
4) n-Nitrosodimethylamine	3.82	42	33723	35.829	ng	# 77
6) Aniline	7.39	93	60927	21.061	ng	99
8) 2-Chlorophenol	7.63	128	64706	35.553	ng	98
9) Benzaldehyde	7.21	77	36113	25.179	ng	95
10) Phenol	7.25	94	84827	35.446	ng	90
11) bis(2-Chloroethyl)ether	7.49	93	56785	28.973	ng	99
12) 1,3-Dichlorobenzene	7.95	146	63561	29.881	ng	93
13) 1,4-Dichlorobenzene	8.11	146	64893	29.485	ng	98
14) 1,2-Dichlorobenzene	8.42	146	62782	28.688	ng	95
15) Benzyl Alcohol	8.31	79	58881	31.620	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	130923	29.368	ng	96
17) 2-Methylphenol	8.50	107	59527	34.756	ng	93
18) Hexachloroethane	9.15	117	23593	29.701	ng	91
19) n-Nitroso-di-n-propylamine	8.87	70	50599	30.041	ng	92
20) 3+4-Methylphenols	8.83	107	81351	33.743	ng	97
22) Acetophenone	8.90	105	96795	32.024	ng	# 89
24) Nitrobenzene	9.29	77	78067	30.959	ng	99
25) Isophorone	9.80	82	144690	33.173	ng	# 96
26) 2-Nitrophenol	10.00	139	37798	32.351	ng	# 89
27) 2,4-Dimethylphenol	10.04	122	66696	39.744	ng	98
28) bis(2-Chloroethoxy)methane	10.29	93	83351	33.335	ng	96
29) 2,4-Dichlorophenol	10.53	162	72305	37.745	ng	97
30) 1,2,4-Trichlorobenzene	10.74	180	74247	33.017	ng	98
31) Naphthalene	10.94	128	212967	36.182	ng	100
32) Benzoic acid	10.19	122	26537m	24.824	ng	
33) 4-Chloroaniline	11.05	127	26421	10.140	ng	97
34) Hexachlorobutadiene	11.20	225	46569	33.102	ng	95
35) Caprolactam	11.84	113	25812	32.583	ng	# 86
36) 4-Chloro-3-methylphenol	12.16	107	79041	37.136	ng	97
37) 2-Methylnaphthalene	12.54	142	153666	36.659	ng	97
38) 1-Methylnaphthalene	12.76	142	148493	36.987	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	89637	31.739	ng	99

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	110105	70.944	nq	98
43) 2,4,6-Trichlorophenol	13.14	196	62426	34.122	nq	97
44) 2,4,5-Trichlorophenol	13.21	196	69615	35.919	nq	98
46) 1,1'-Biphenyl	13.54	154	206740	29.800	nq	94
47) 2-Chloronaphthalene	13.59	162	166273	31.761	nq	98
48) 2-Nitroaniline	13.80	65	58872	33.519	nq	95
49) Acenaphthylene	14.43	152	269265	34.151	nq	99
50) Dimethylphthalate	14.16	163	222901	33.859	nq	100
51) 2,6-Dinitrotoluene	14.29	165	50982	33.902	nq	90
52) Acenaphthene	14.77	154	157212	32.707	nq	98
53) 3-Nitroaniline	14.62	138	34675	21.410	nq	# 96
54) 2,4-Dinitrophenol	14.83	184	44508	53.993	nq	92
55) Dibenzofuran	15.10	168	263510	33.161	nq	97
56) 4-Nitrophenol	14.92	139	74490	58.225	nq	# 83
57) 2,4-Dinitrotoluene	15.07	165	73432	35.405	nq	96
58) Fluorene	15.75	166	213929	36.541	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	63205	37.549	nq	98
60) Diethylphthalate	15.51	149	233391	32.001	nq	98
61) 4-Chlorophenyl-phenylether	15.74	204	118161	33.602	nq	98
62) 4-Nitroaniline	15.78	138	53293	33.456	nq	# 84
63) Azobenzene	16.03	77	202881	31.785	nq	93
65) 4,6-Dinitro-2-methylphenol	15.83	198	41378	24.714	nq	97
66) n-Nitrosodiphenylamine	15.95	169	195440	27.199	nq	98
67) 4-Bromophenyl-phenylether	16.64	248	77093	27.938	nq	99
68) Hexachlorobenzene	16.75	284	80995	28.456	nq	92
69) Atrazine	16.89	200	77750	28.998	nq	99
70) Pentachlorophenol	17.09	266	89214m	45.762	nq	
71) Phenanthrene	17.49	178	441319	34.487	nq	98
72) Anthracene	17.59	178	430829	34.765	nq	99
73) Carbazole	17.86	167	332187	27.008	nq	99
74) Di-n-butylphthalate	18.39	149	405478	28.219	nq	98
75) Fluoranthene	19.50	202	447613	29.938	nq	96
77) Benzidine	19.69	184	99891	15.767	nq	98
78) Pyrene	19.87	202	444135	33.810	nq	98
80) Butylbenzylphthalate	20.73	149	177937	33.678	nq	99
81) Benzo(a)anthracene	21.71	228	420345	36.428	nq	99
82) 3,3'-Dichlorobenzidine	21.63	252	101182	22.541	nq	# 97
83) Chrysene	21.78	228	391749	35.876	nq	97
84) Bis(2-ethylhexyl)phthalate	21.58	149	243657	32.537	nq	96
85) Di-n-octyl phthalate	22.81	149	416668	32.450	nq	97
86) Indeno(1,2,3-cd)pyrene	28.83	276	466496	37.591	nq	# 92
88) Benzo(b)fluoranthene	23.98	252	546597	38.708	nq	99
89) Benzo(k)fluoranthene	24.05	252	536046	38.115	nq	99
90) Benzo(a)pyrene	24.89	252	527740	38.529	nq	100
91) Dibenzo(a,h)anthracene	28.89	278	383934	29.554	nq	97
92) Benzo(g,h,i)perylene	30.03	276	382395	29.669	nq	# 94

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

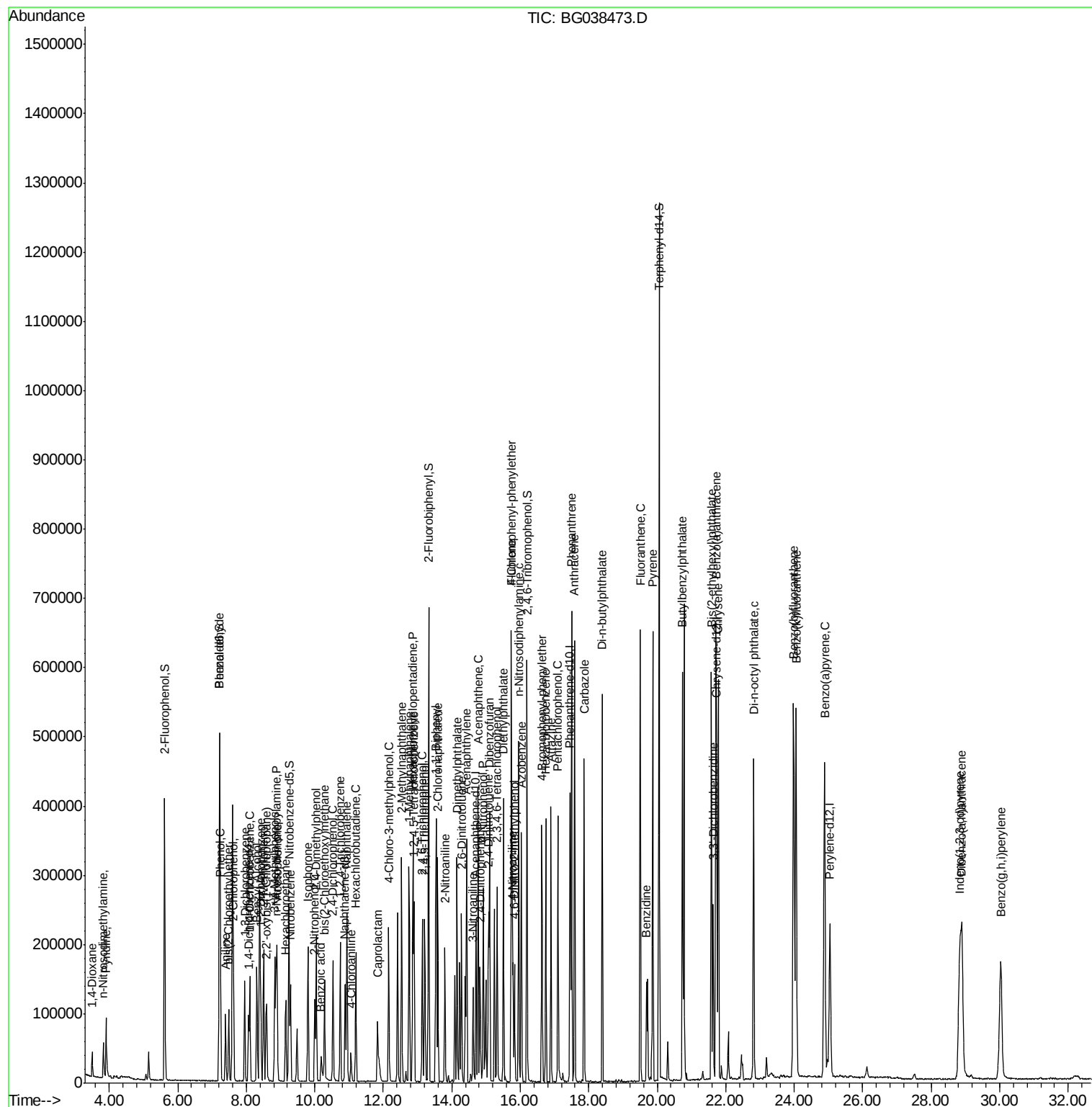
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121118\
Data File : BG038473.D
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ALS Vial : 3 Sample Multiplier: 1

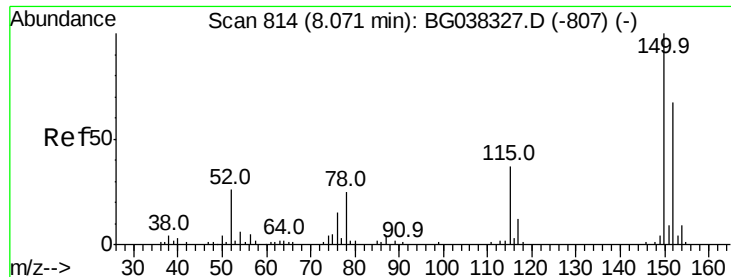
Instrument :
BNA_G
ClientSampled :
PB115480BS

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12/12/2018 6:25:38 PM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
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#1

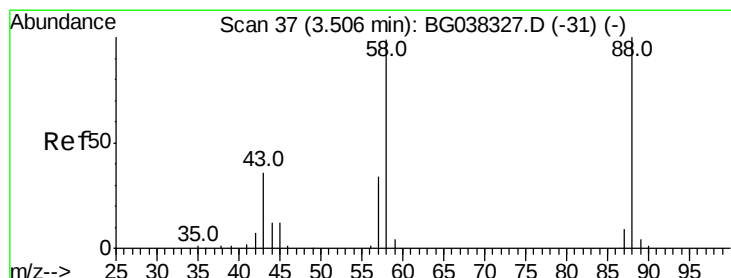
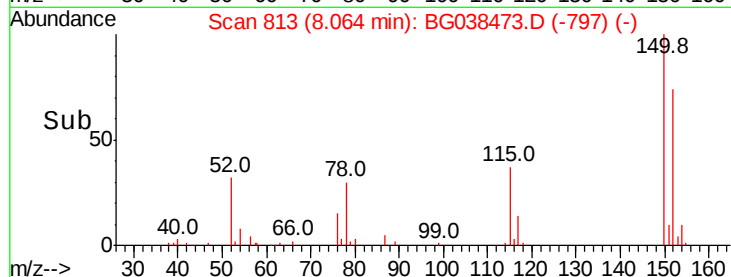
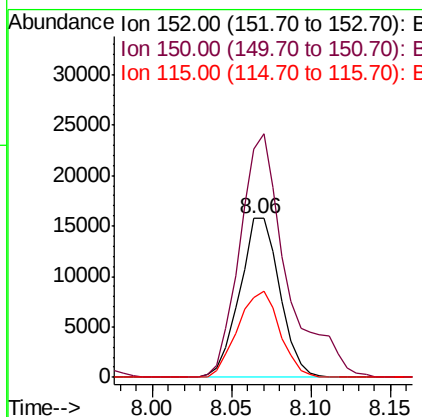
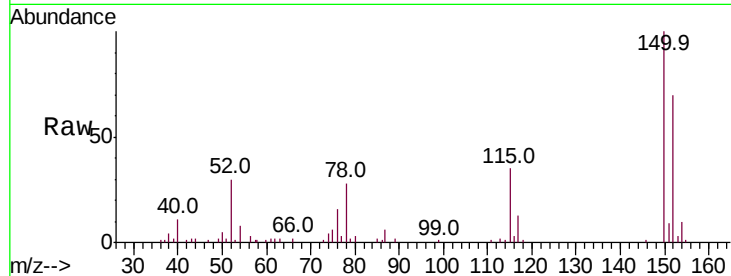
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115480BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.4	126.0	189.0
115	50.4	45.5	68.3

Manual Integrations
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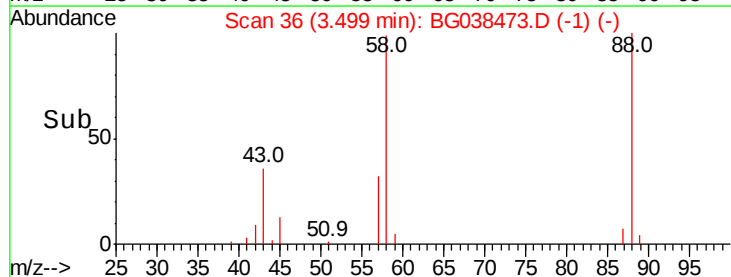
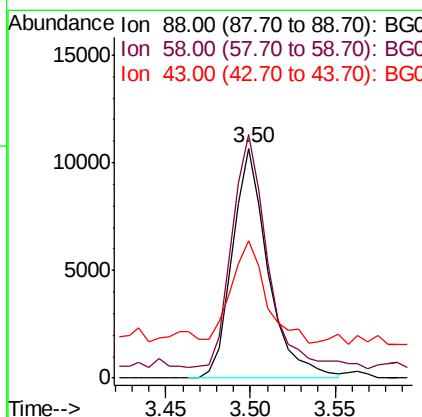
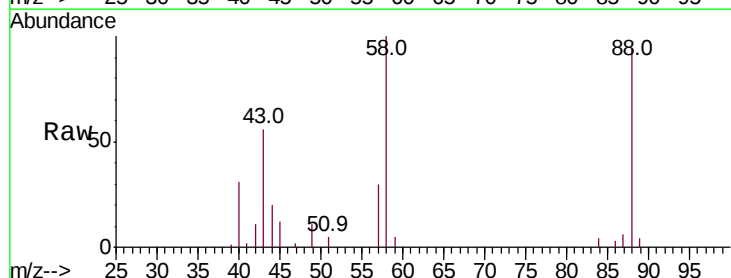
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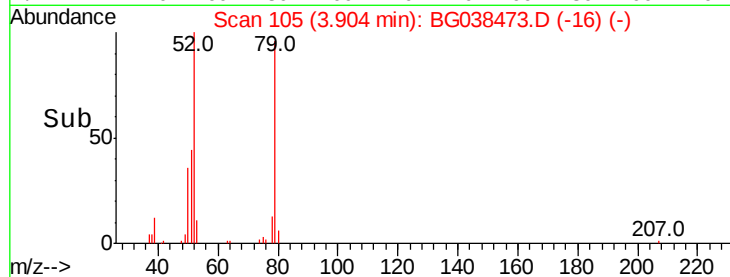
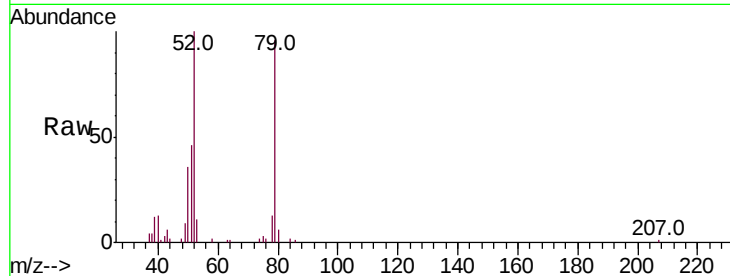
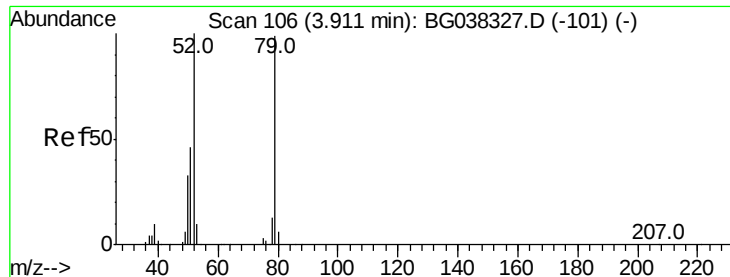


#2

1,4-Dioxane
Concen: 21.731 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.7	74.4	111.6
43	43.7	25.8	38.8





#3

Pvridine

Concen: 21.315 ng

RT: 3.90 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG038473.D

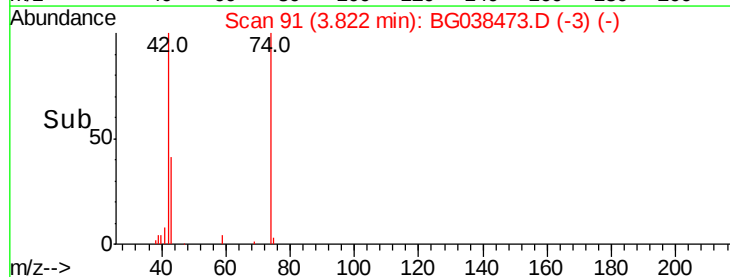
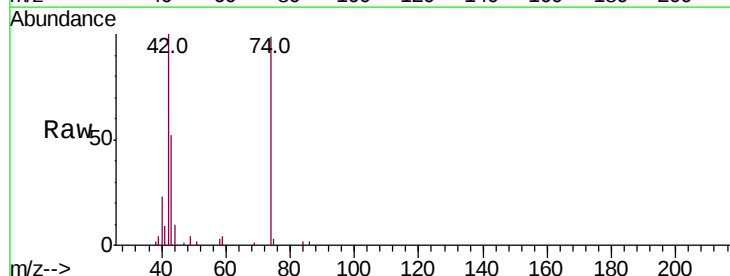
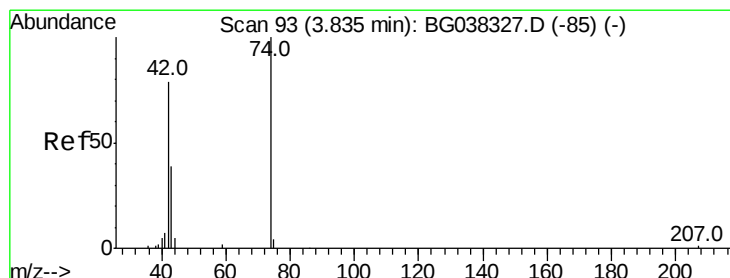
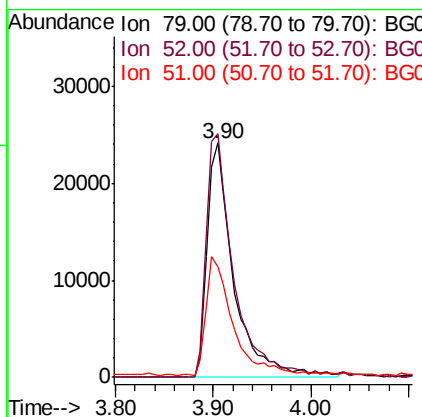
Acq: 11 Dec 2018 17:20

Tot Ion	Ratio	Lower	Upper
79	100		
52	104.0	74.2	111.2
51	47.3	34.6	51.8

Instrument :
BNA_G
ClientSampleId :
PB115480BS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.829 ng

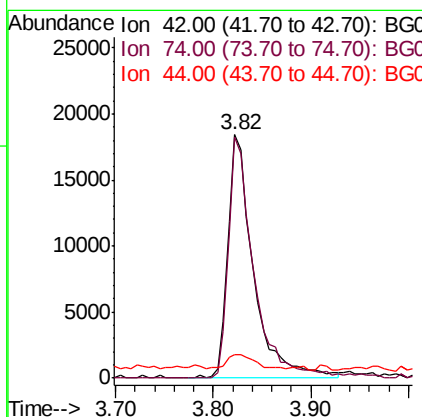
RT: 3.82 min Scan# 91

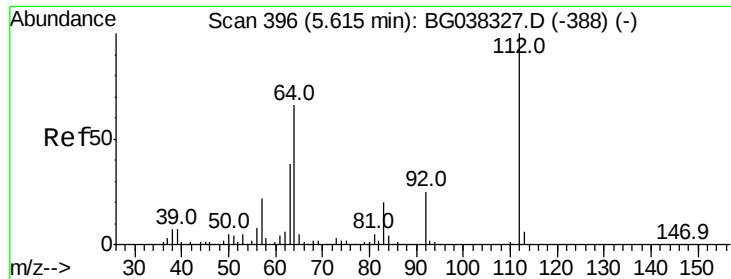
Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	98.8	102.0	153.0#
44	9.5	9.6	14.4#





#5

2-Fluorophenol

Concen: 110.492 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA_G

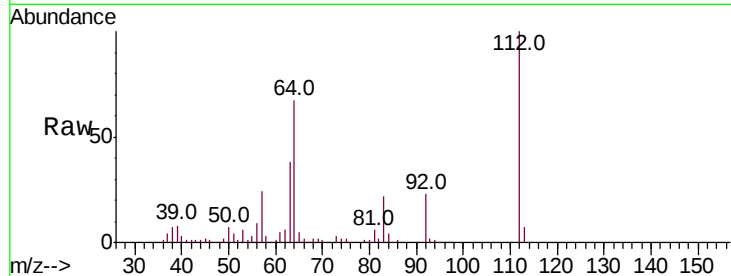
ClientSampleId :

PB115480BS

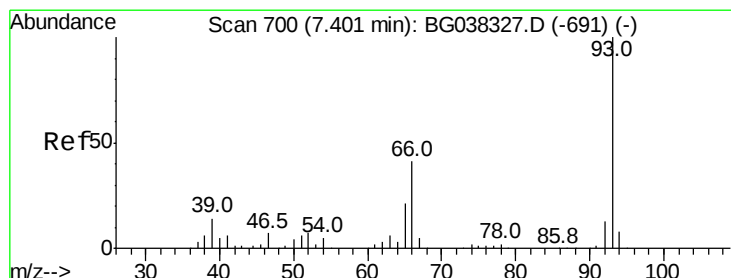
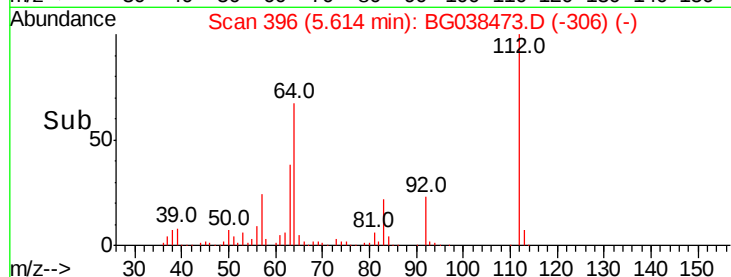
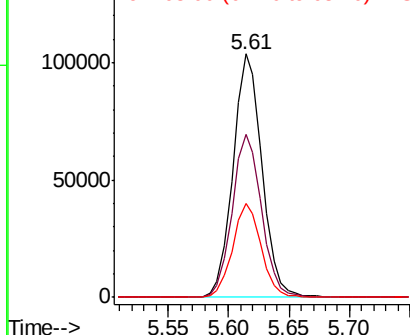
Tot Ion:	112	Resp:	173151
Ion Ratio	Lower	Upper	
112	100		
64	66.8	53.1	79.7
63	38.3	27.3	40.9

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



#6

Aniline

Concen: 21.061 ng

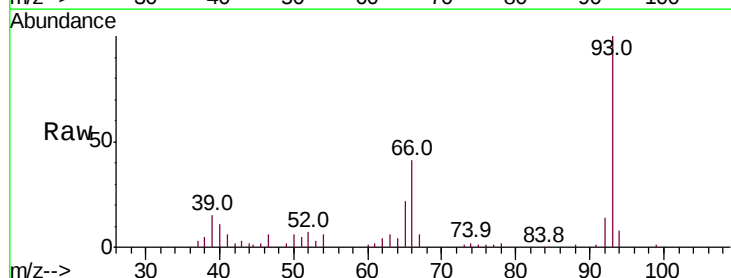
RT: 7.39 min Scan# 699

Delta R.T. -0.01 min

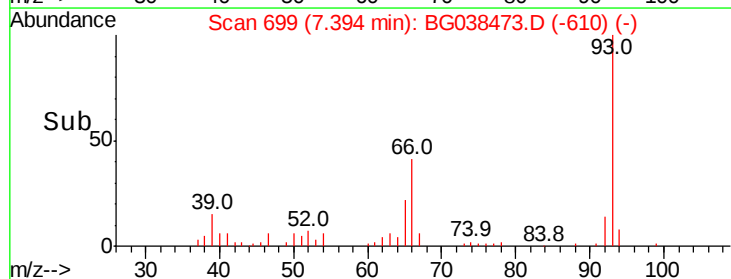
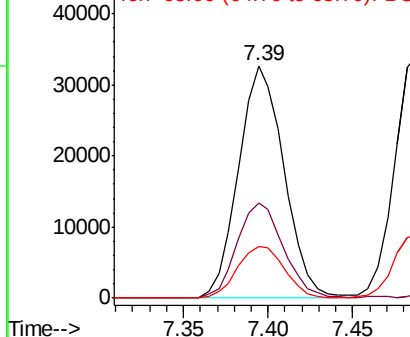
Lab File: BG038473.D

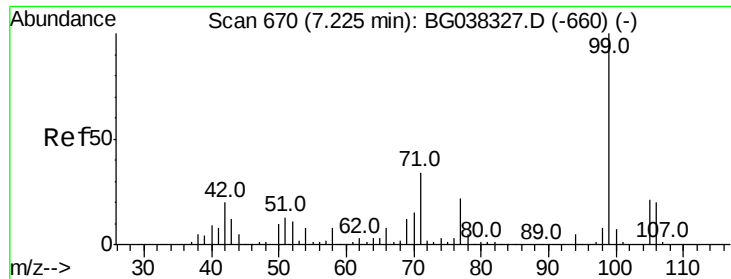
Acq: 11 Dec 2018 17:20

Tgt Ion:	93	Resp:	60927
Ion Ratio	Lower	Upper	
93	100		
66	41.1	32.8	49.2
65	22.2	16.4	24.6



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





#7

Phenol-d6

Concen: 105.137 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115480BS

Tot Ion: 99 Resp: 238132

Ion Ratio Lower Upper

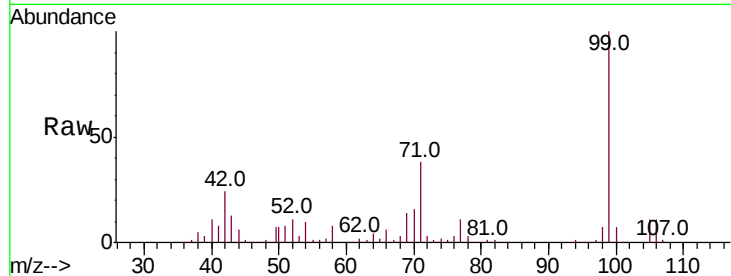
99 100

42 24.3 15.0 22.4#

71 38.3 25.5 38.3

Manual Integrations
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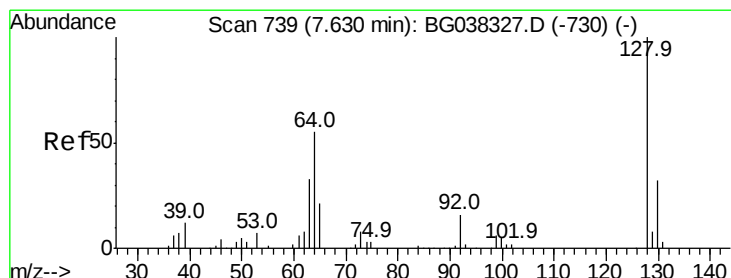
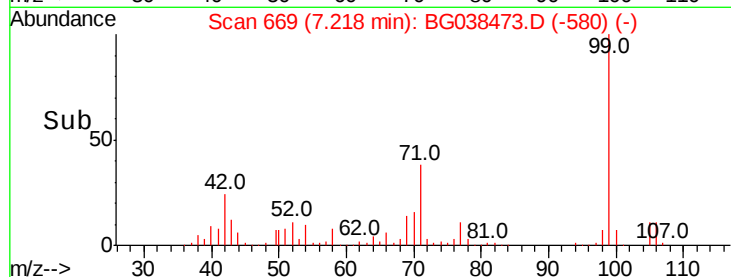
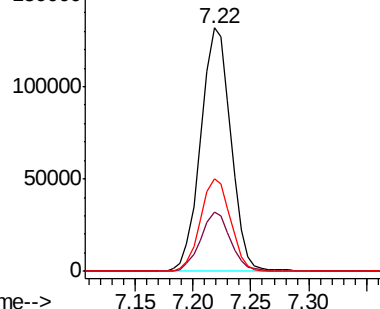
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 35.553 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

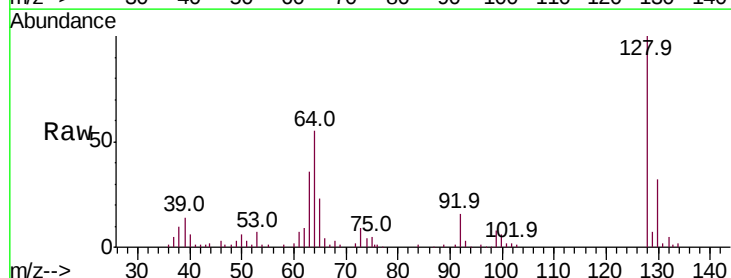
Tgt Ion: 128 Resp: 64706

Ion Ratio Lower Upper

128 100

130 31.7 12.0 52.0

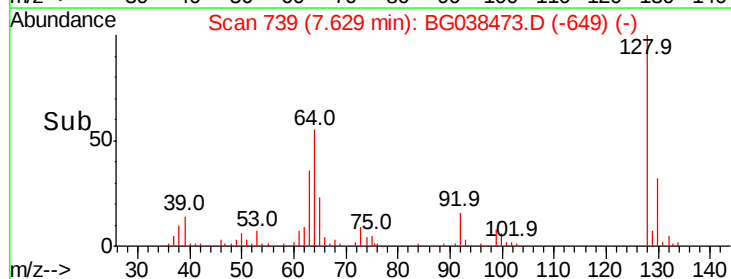
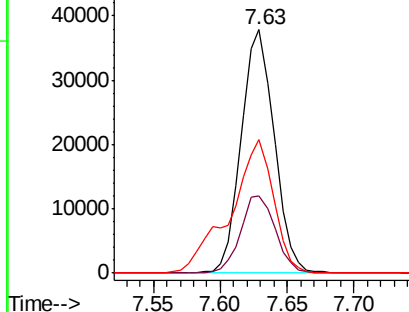
64 54.7 32.9 72.9

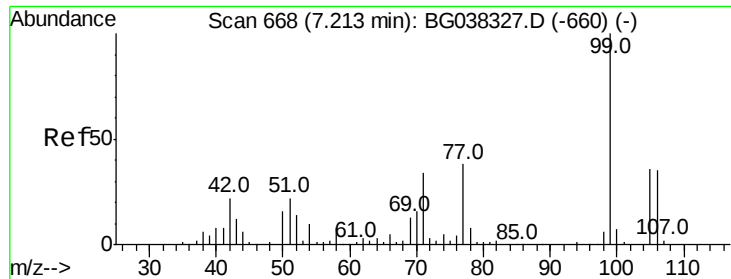


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 25.179 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA_G

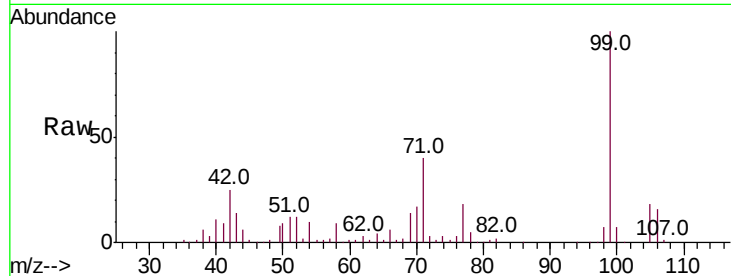
ClientSampleID :

PB115480BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.1	72.6	112.6
106	92.2	71.3	111.3

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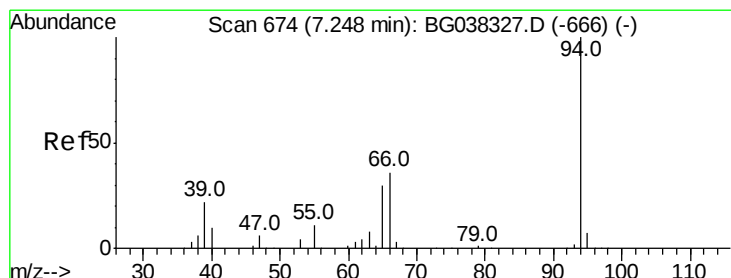
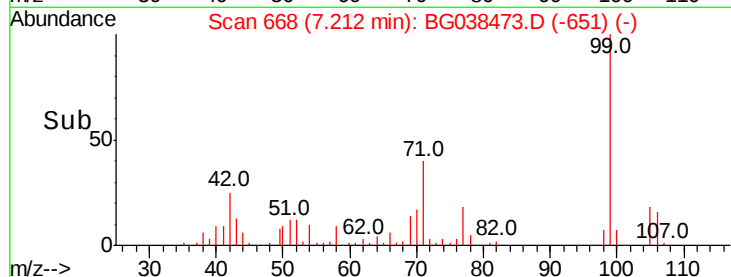
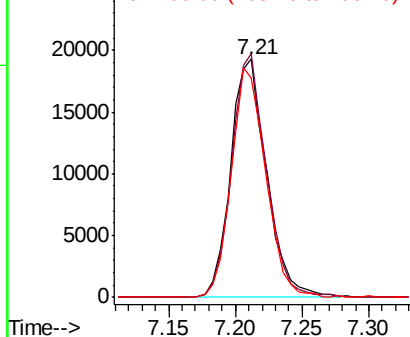


Abundance

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: 35.446 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

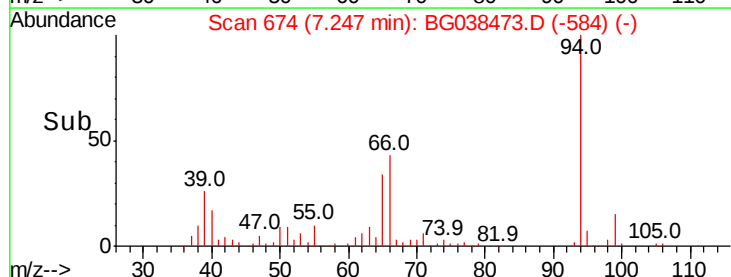
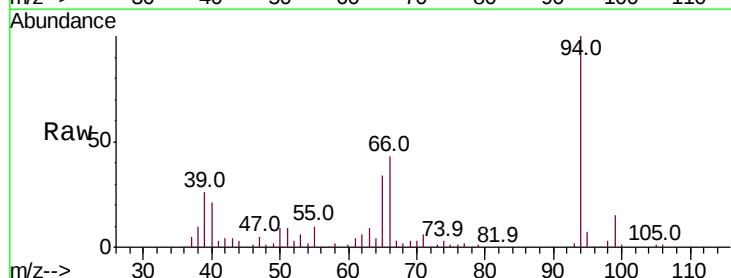
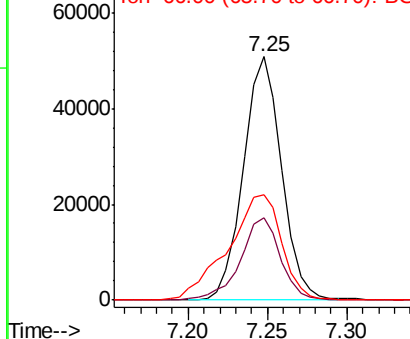
Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.8	9.7	49.7
66	43.3	15.9	55.9

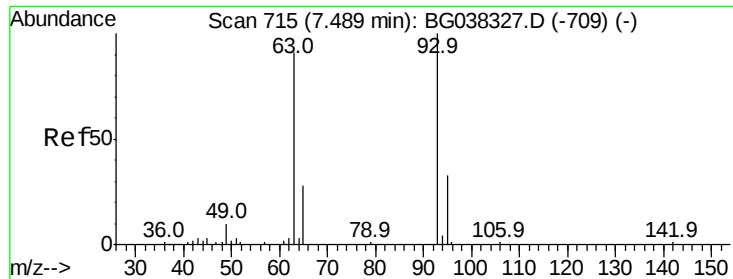
Abundance

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





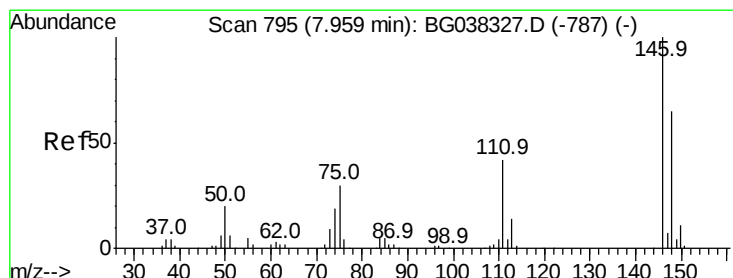
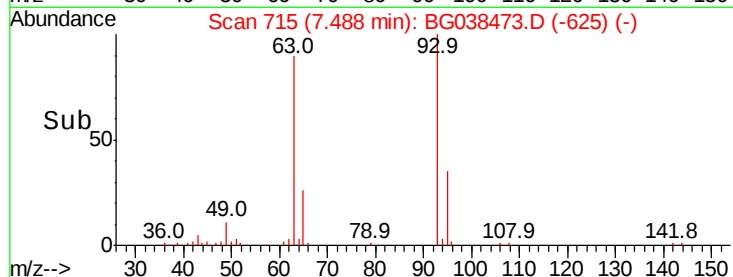
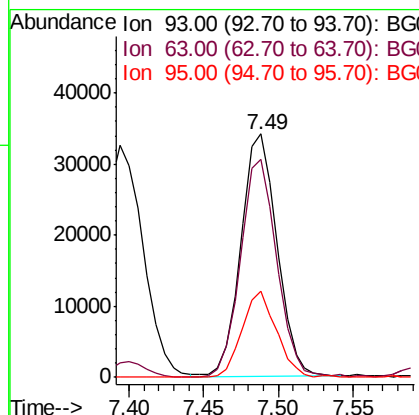
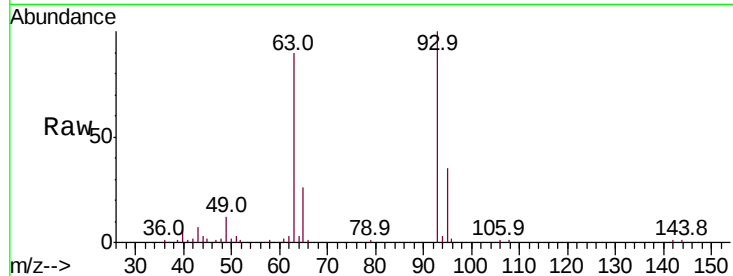
#11
 bis(2-Chloroethyl)ether
 Concen: 28.973 ng
 RT: 7.49 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BG038473.D
 Acq: 11 Dec 2018 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB115480BS

Tot Ion:	93	Resp:	56785
Ion	Ratio	Lower	Upper
93	100		
63	89.5	69.5	109.5
95	35.3	12.6	52.6

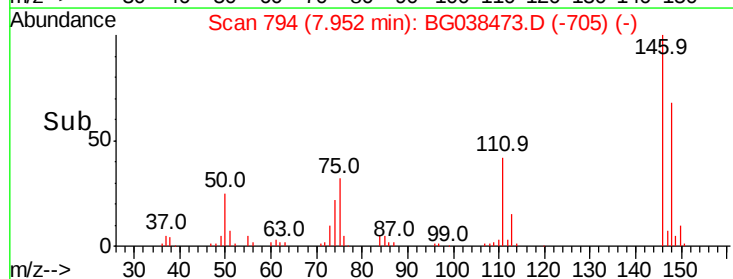
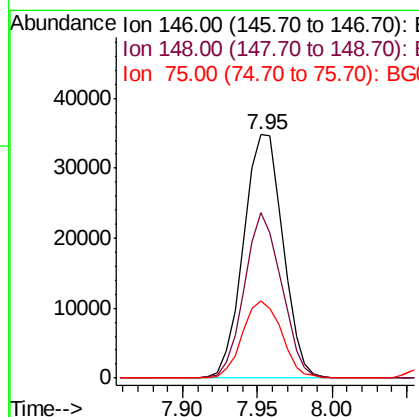
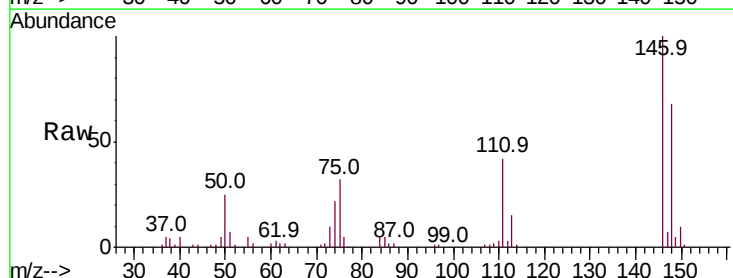
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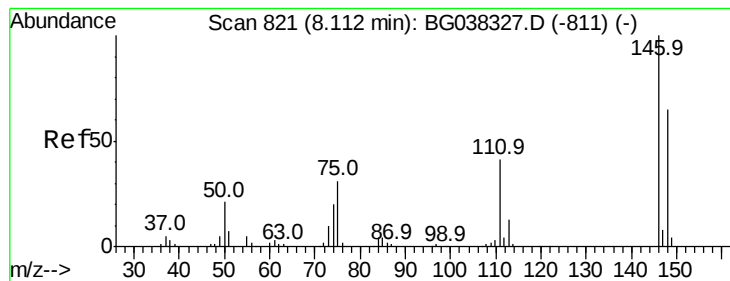
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#12
 1,3-Dichlorobenzene
 Concen: 29.881 ng
 RT: 7.95 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BG038473.D
 Acq: 11 Dec 2018 17:20

Tgt Ion:	146	Resp:	63561
Ion	Ratio	Lower	Upper
146	100		
148	68.1	49.8	74.8
75	31.7	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 29.485 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA_G

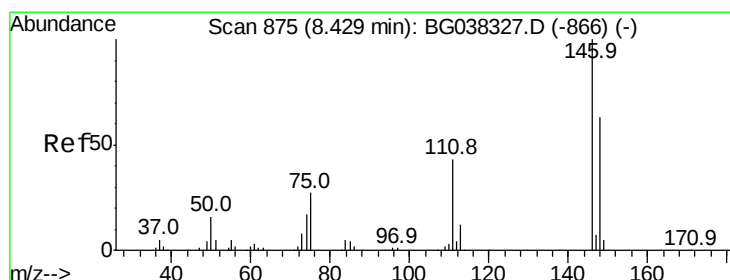
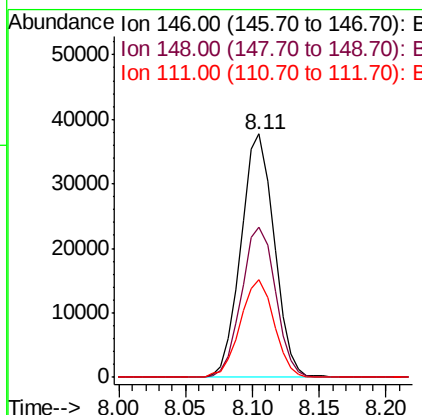
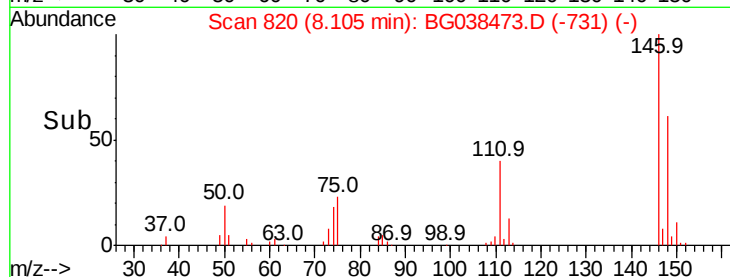
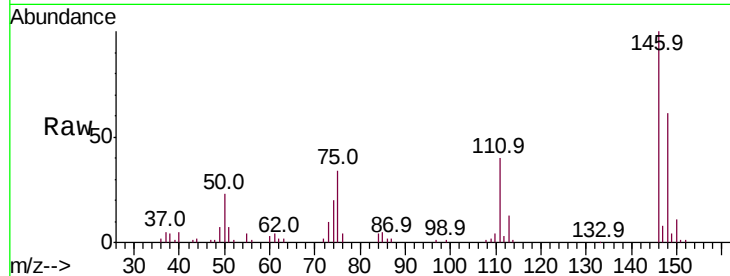
ClientSampleId :

PB115480BS

Tot Ion:	146	Resp:	64893
Ion Ratio	Lower	Upper	
146	100		
148	61.5	51.0	76.6
111	40.3	32.4	48.6

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#14

1,2-Dichlorobenzene

Concen: 28.688 ng

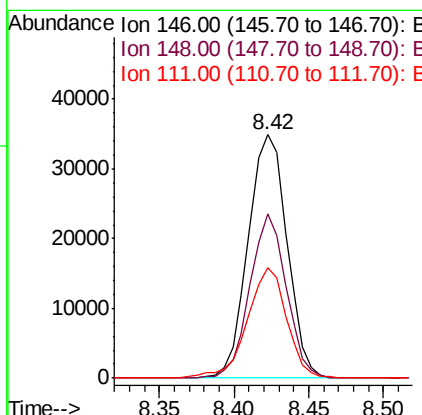
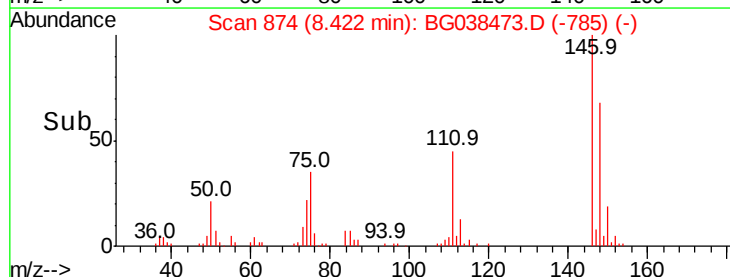
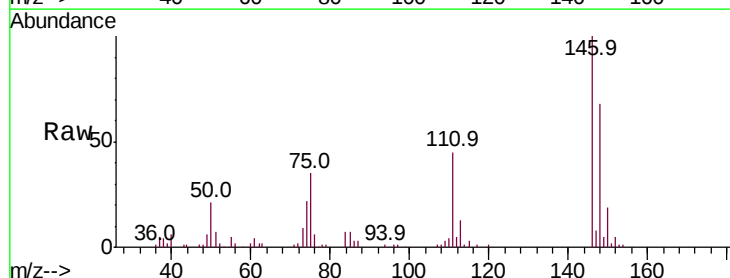
RT: 8.42 min Scan# 874

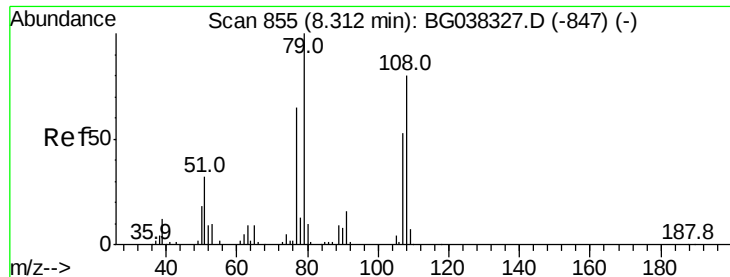
Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Tgt Ion:	146	Resp:	62782
Ion Ratio	Lower	Upper	
146	100		
148	67.5	50.4	75.6
111	45.4	34.6	51.8





#15

Benzyl Alcohol

Concen: 31.620 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA_G

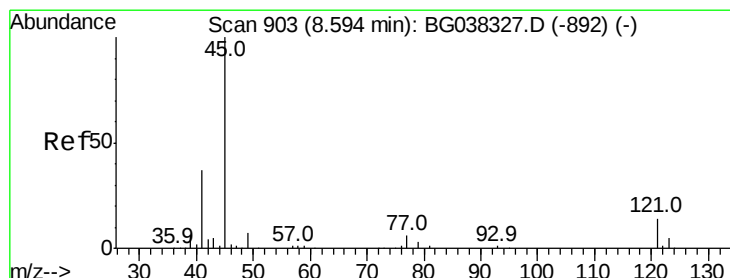
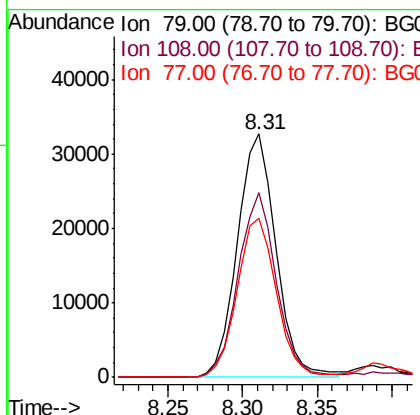
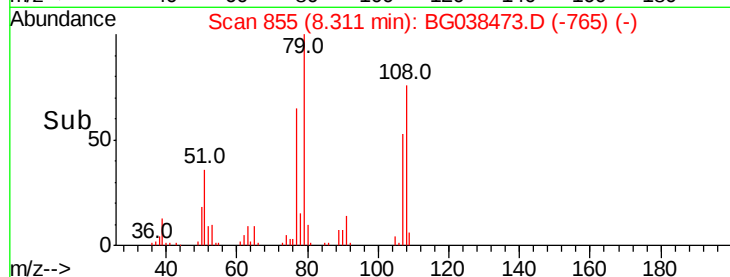
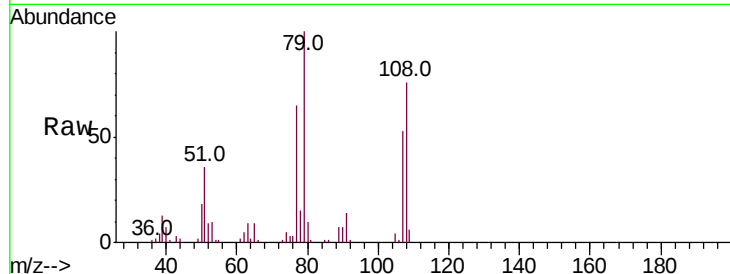
ClientSampleId :

PB115480BS

Tot Ion:	79	Resp:	58881
Ion Ratio	Lower	Upper	
79	100		
108	75.7	65.8	98.8
77	65.3	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.368 ng

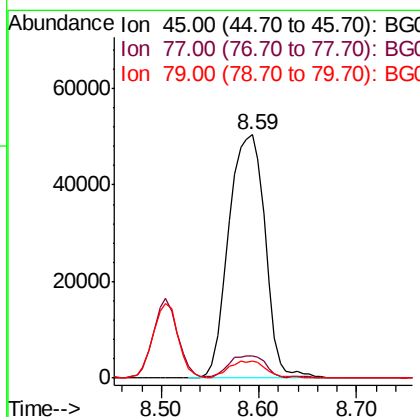
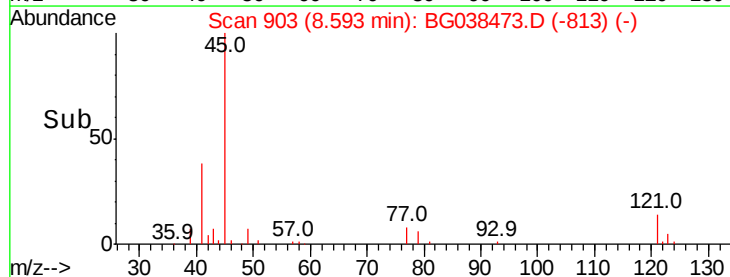
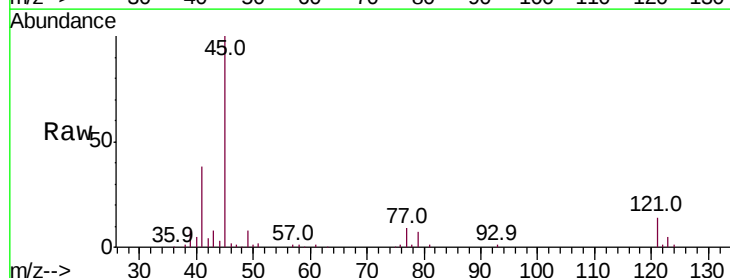
RT: 8.59 min Scan# 903

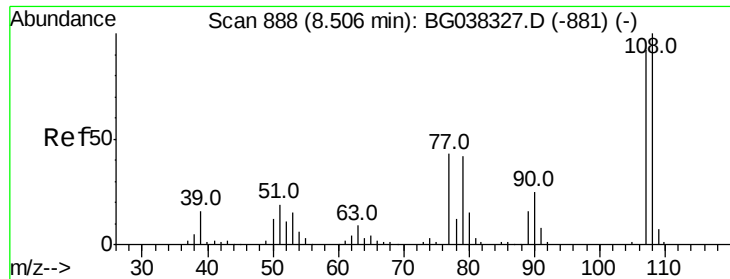
Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Tgt Ion:	45	Resp:	130923
Ion Ratio	Lower	Upper	
45	100		
77	8.9	0.0	30.0
79	6.8	0.0	29.0





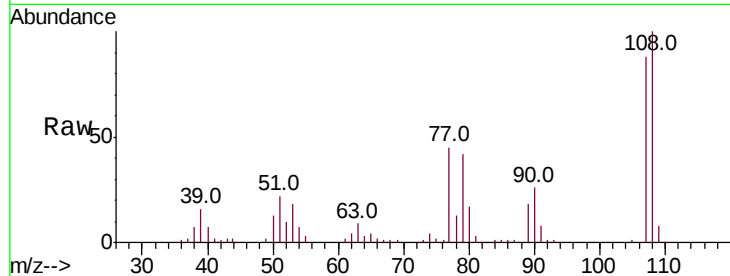
#17
2-Methylphenol
Concen: 34.756 ng
RT: 8.50 min Scan# 888
Delta R.T. -0.00 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115480BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.2	87.9	131.9
77	51.3	35.1	52.7
79	48.2	34.5	51.7

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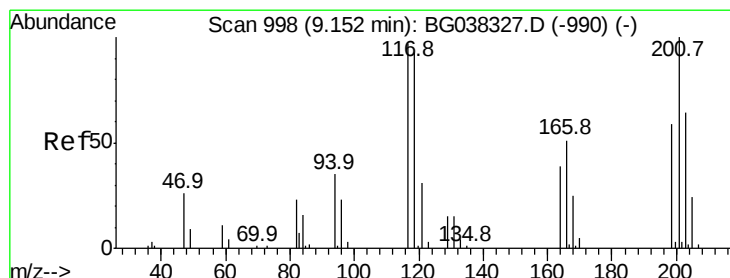
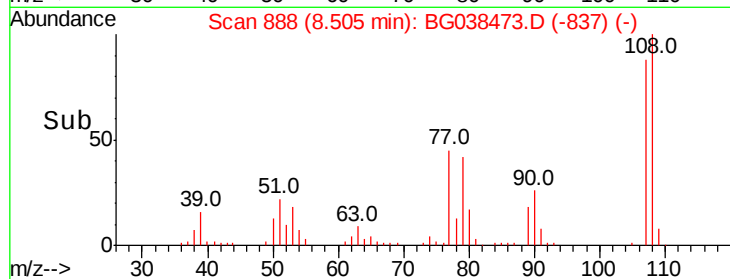
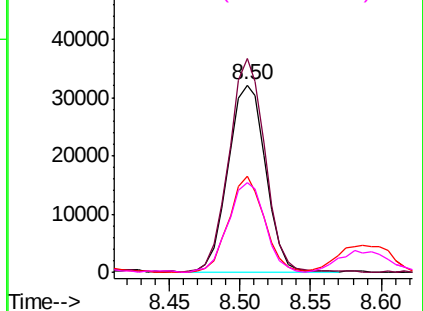
Abundance

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: 29.701 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

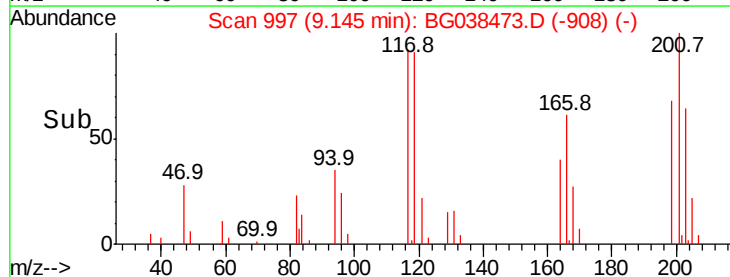
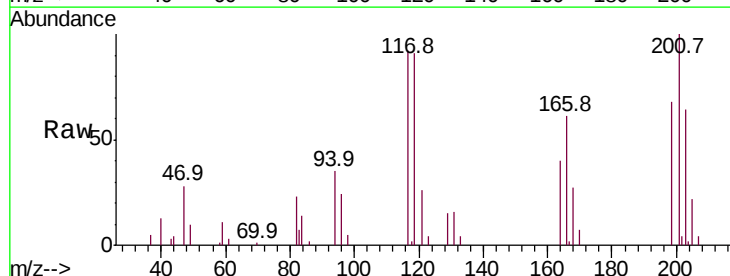
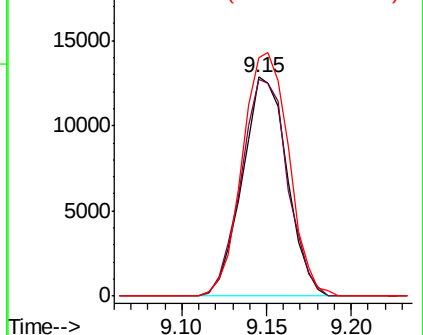
Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	74.6	111.8
201	112.6	80.8	121.2

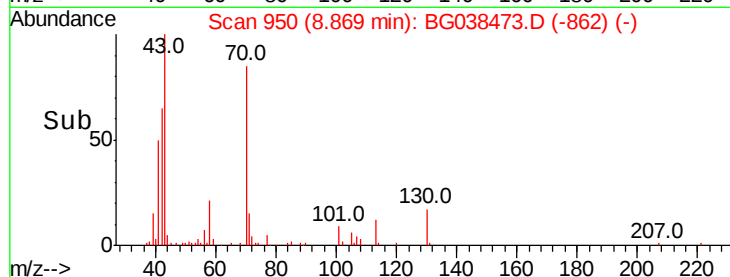
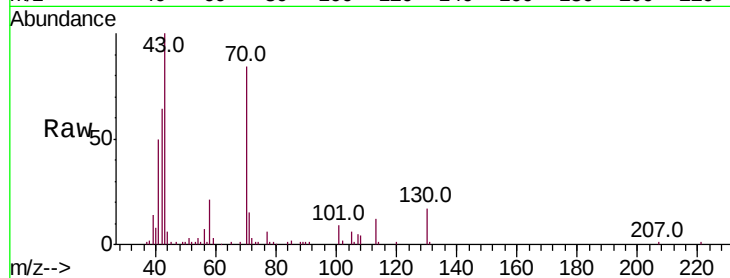
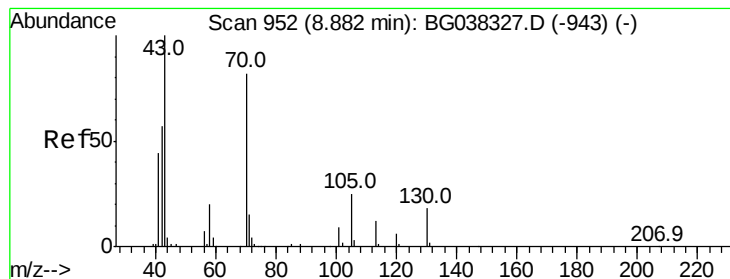
Abundance

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: 30.041 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115480BS

Tot Ion: 70 Resp: 50599

Ion Ratio Lower Upper

70 100

42 76.0 53.9 80.9

101 10.5 8.2 12.2

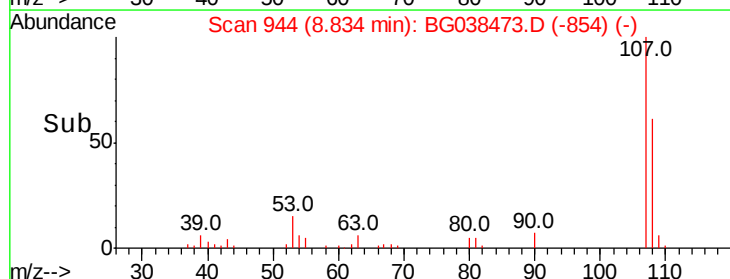
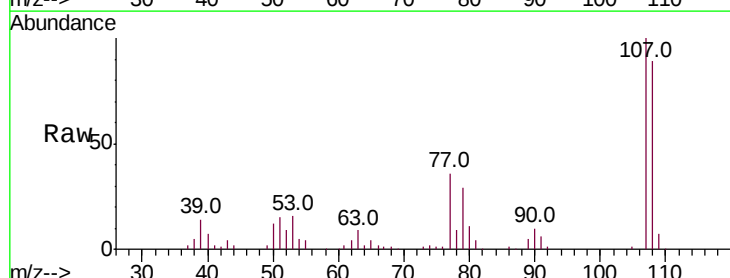
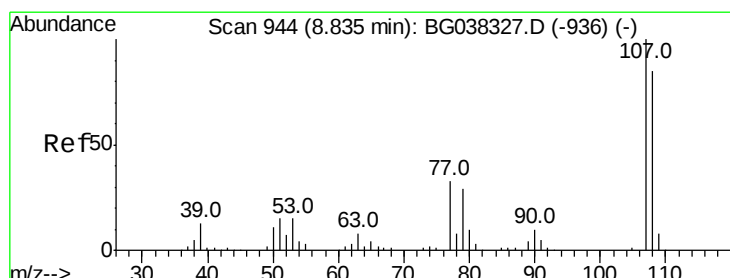
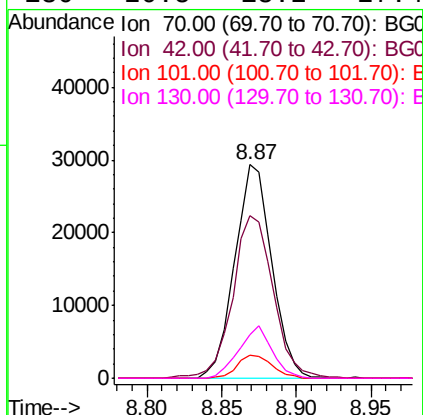
130 20.5 18.2 27.4

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#20

3+4-Methylphenols

Concen: 33.743 ng

RT: 8.83 min Scan# 944

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Tgt Ion: 107 Resp: 81351

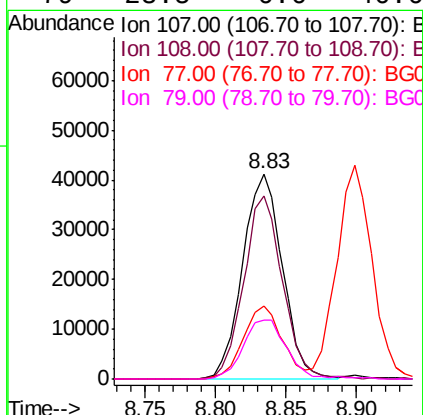
Ion Ratio Lower Upper

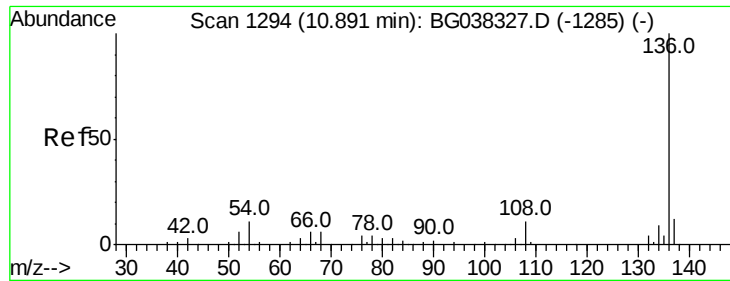
107 100

108 89.2 69.9 109.9

77 35.7 11.2 51.2

79 28.5 6.6 46.6





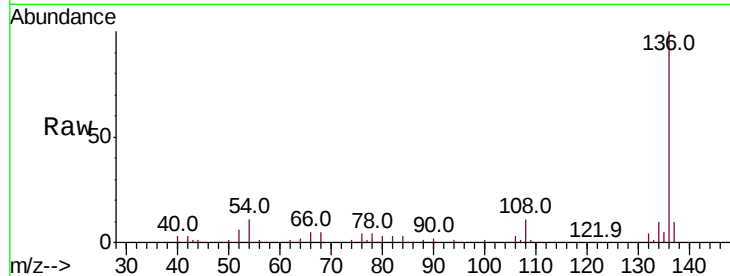
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115480BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	123222		
137	9.8		9.6	14.4
54	10.9		7.9	11.9
68	5.2		4.8	7.2

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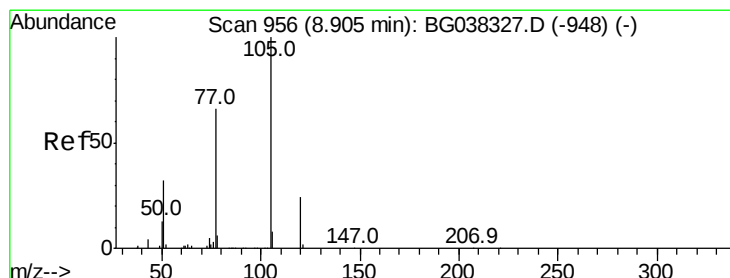
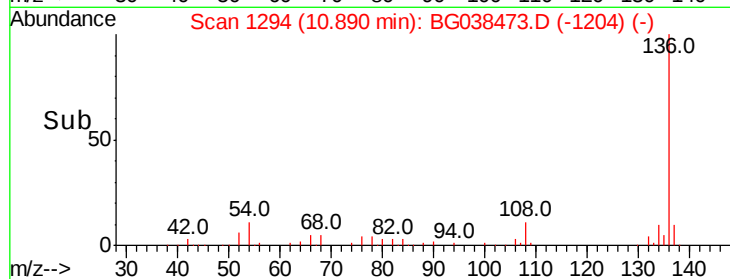
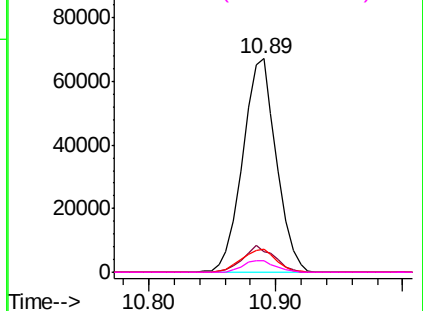
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22
Acetophenone
Concen: 32.024 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	96795		
71	0.3		1.2	1.8#
51	39.8		25.0	37.6#
120	26.2		18.6	28.0

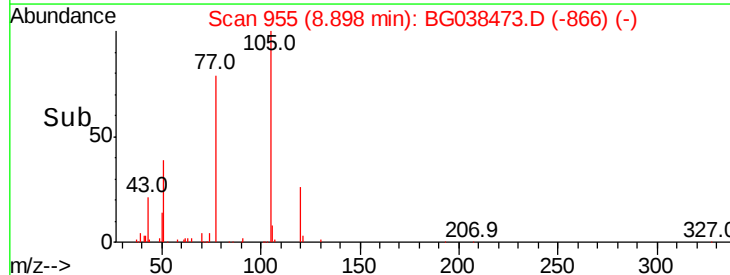
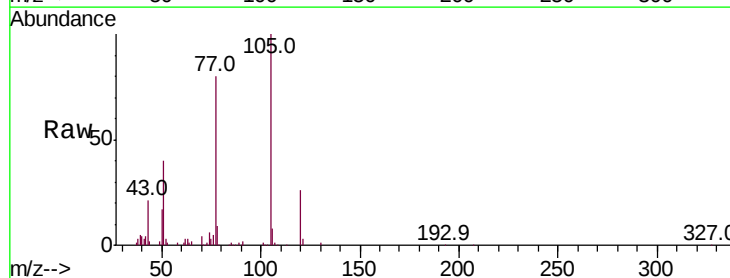
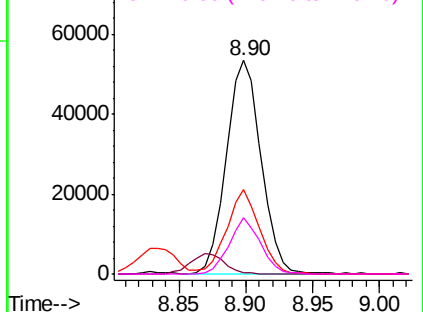
Abundance

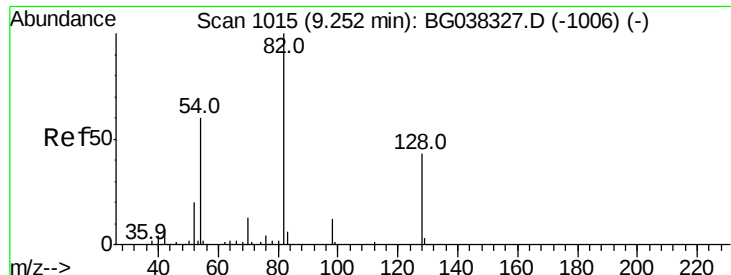
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E





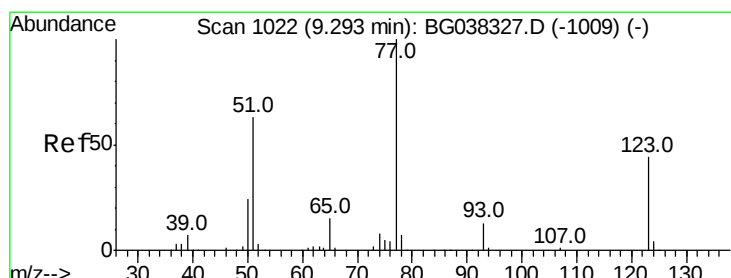
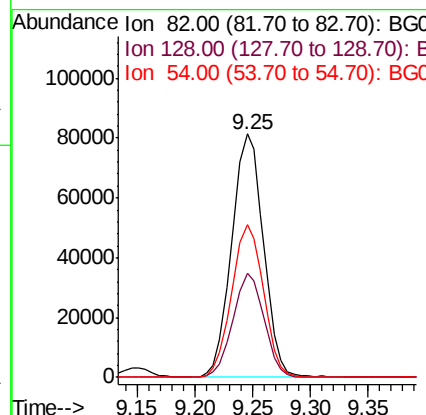
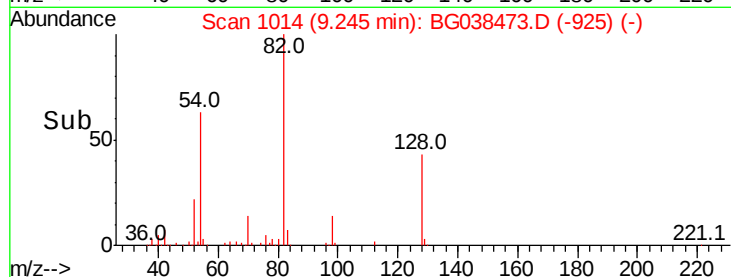
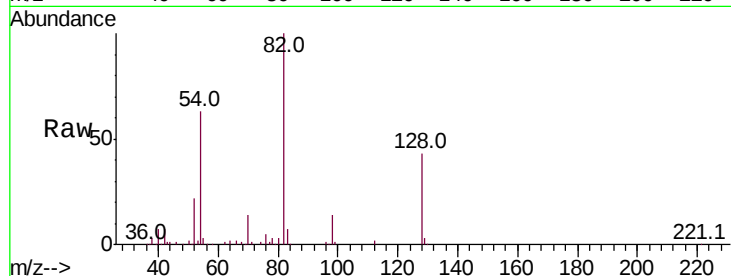
#23
Nitrobenzene-d5
Concen: 62.426 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115480BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	51.8
54	62.5	45.3	67.9

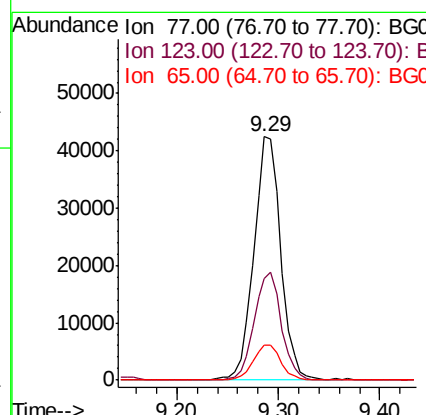
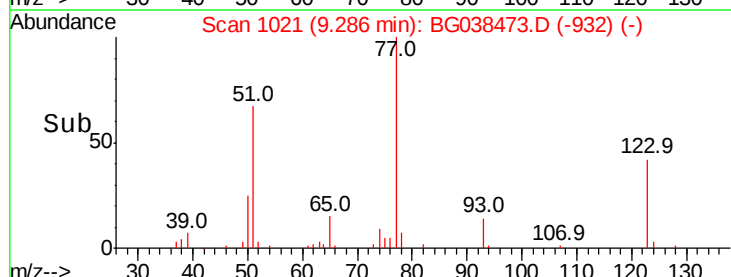
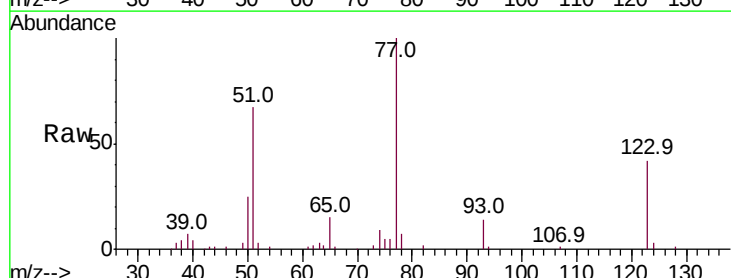
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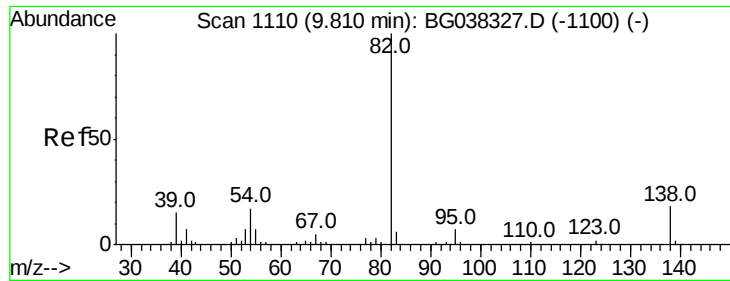
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#24
Nitrobenzene
Concen: 30.959 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.8	33.6	50.4
65	14.6	11.3	16.9





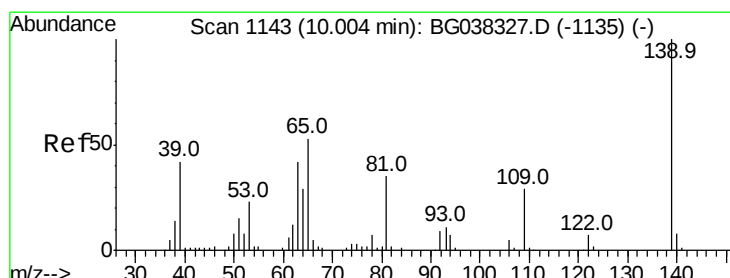
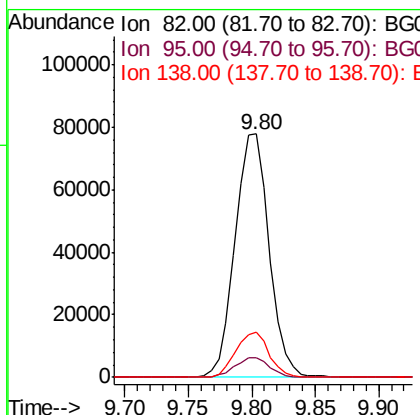
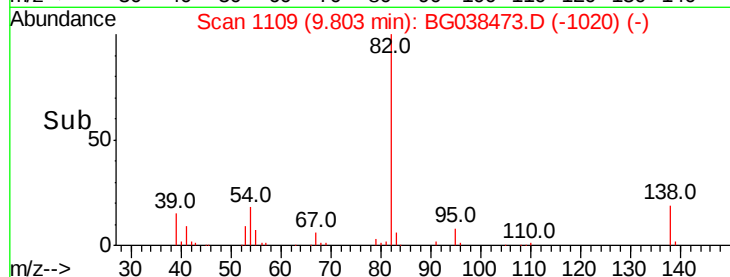
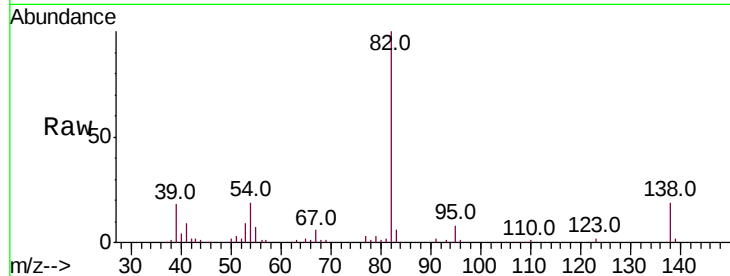
#25
Isophorone
Concen: 33.173 ng
RT: 9.80 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115480BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.9	5.3	7.9#
138	18.6	13.3	19.9

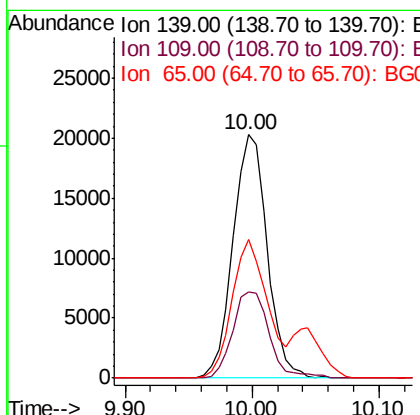
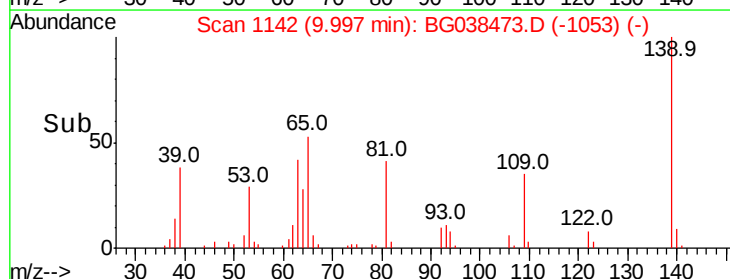
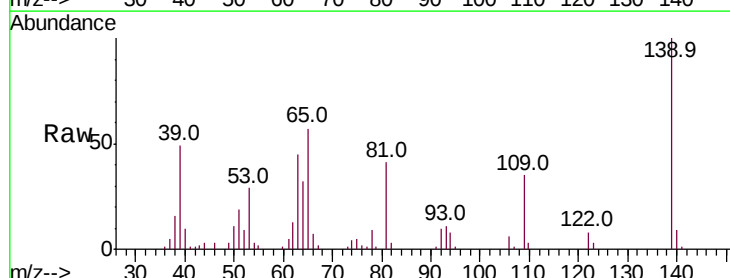
Manual Integrations
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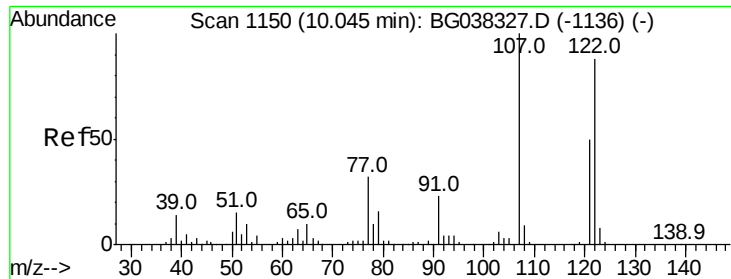
Sohil
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#26
2-Nitrophenol
Concen: 32.351 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	35.2	23.3	34.9#
65	57.0	39.8	59.8





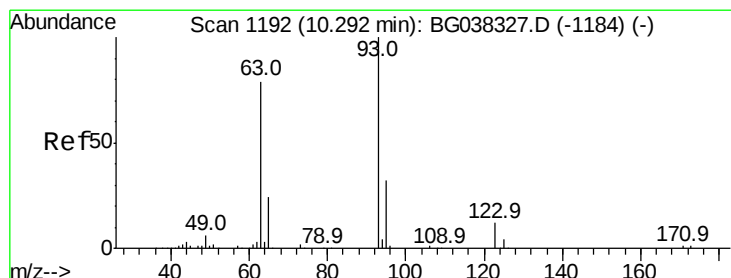
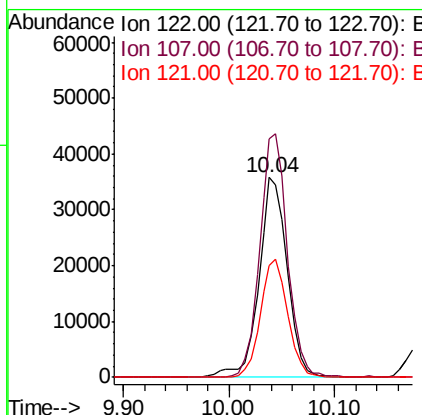
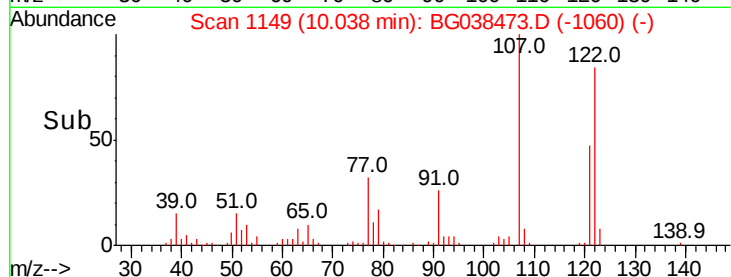
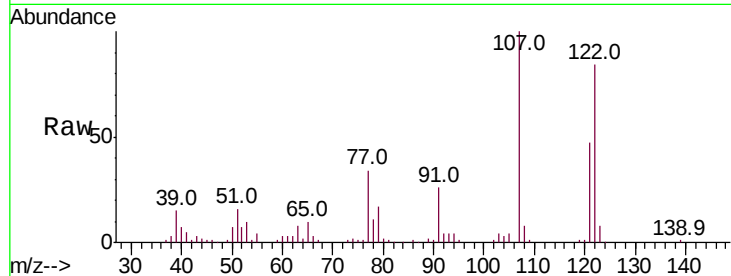
#27
 2,4-Dimethylphenol
 Concen: 39.744 ng
 RT: 10.04 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BG038473.D
 Acq: 11 Dec 2018 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB115480BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.2	94.2	141.2
121	55.9	47.3	70.9

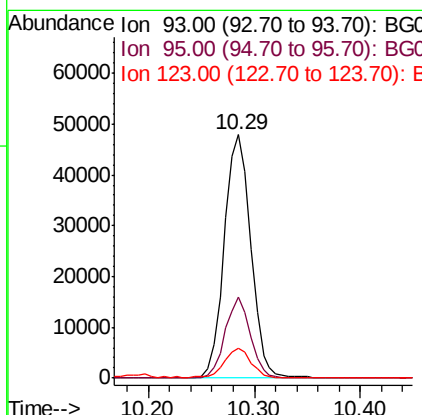
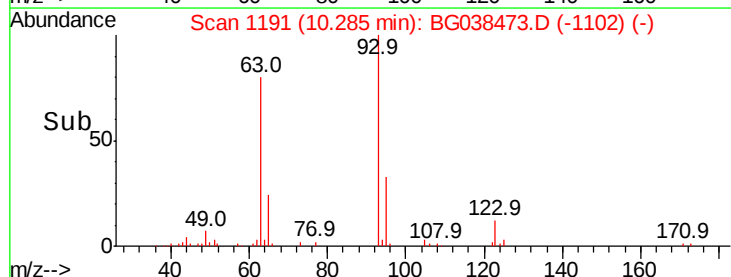
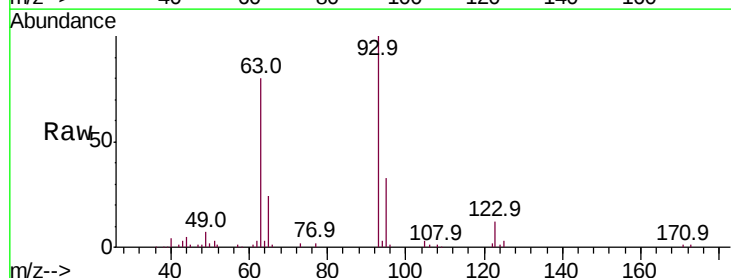
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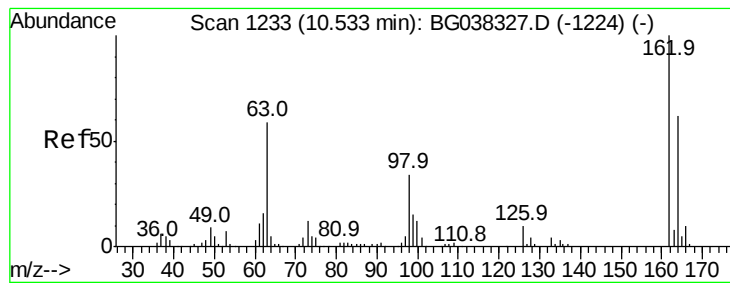
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#28
 bis(2-Chloroethoxy)methane
 Concen: 33.335 ng
 RT: 10.29 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BG038473.D
 Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	24.6	37.0
123	12.4	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 37.745 ng

RT: 10.53 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA_G

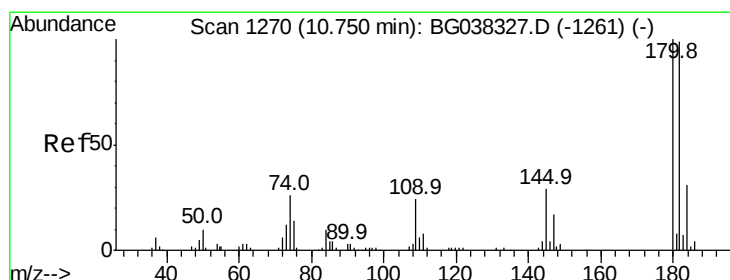
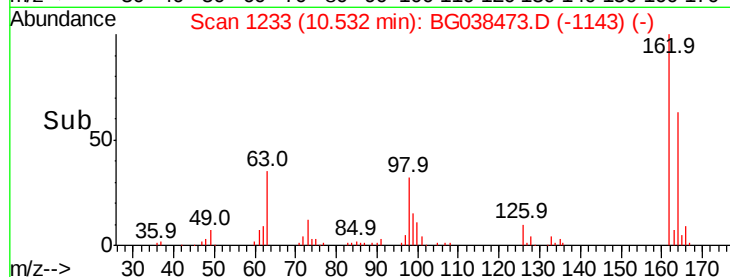
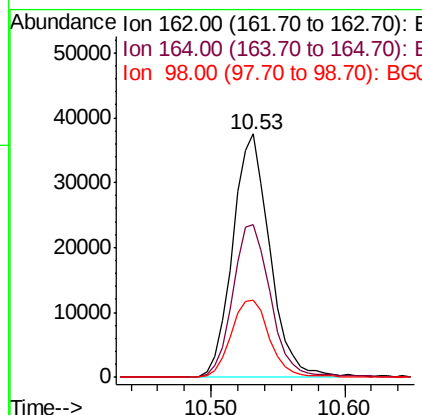
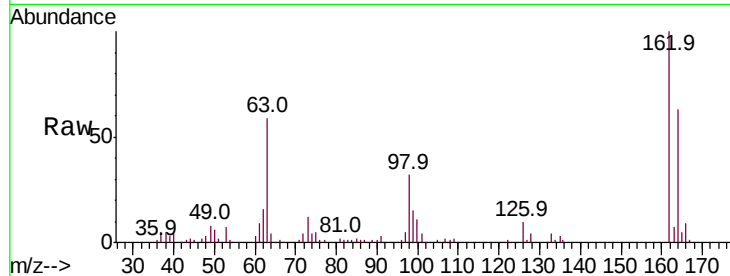
ClientSampleId :

PB115480BS

Tot Ion:	162	Resp:	72305
Ion Ratio	Lower	Upper	
162	100		
164	62.8	43.2	83.2
98	31.6	16.0	56.0

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 33.017 ng

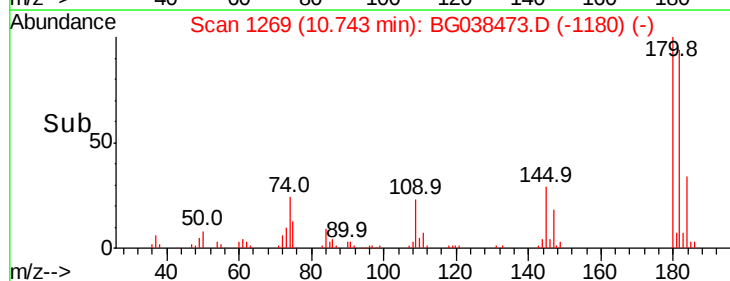
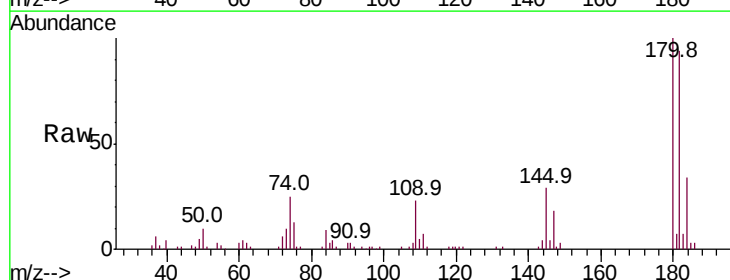
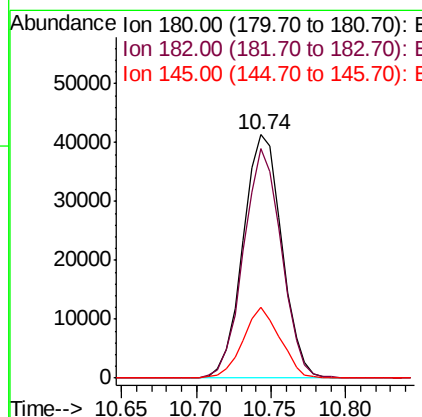
RT: 10.74 min Scan# 1269

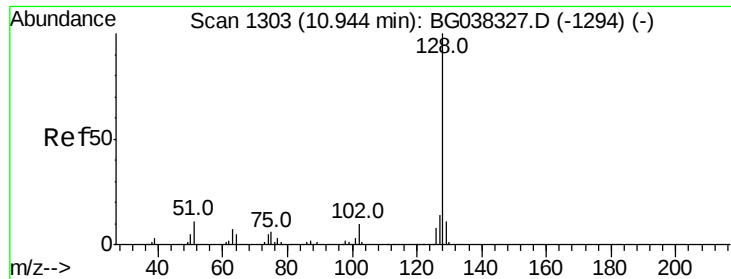
Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Tgt Ion:	180	Resp:	74247
Ion Ratio	Lower	Upper	
180	100		
182	94.2	77.7	116.5
145	29.2	23.3	34.9





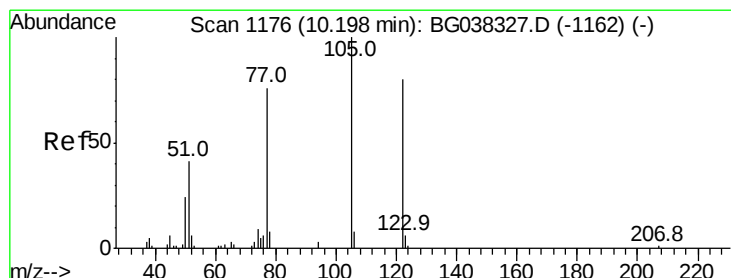
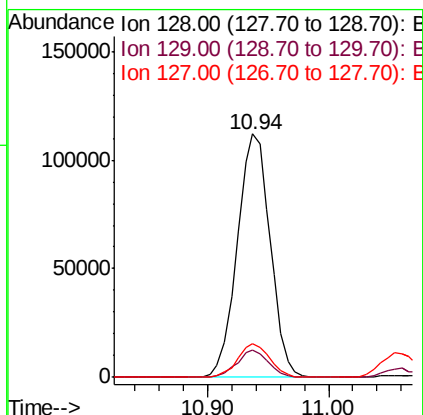
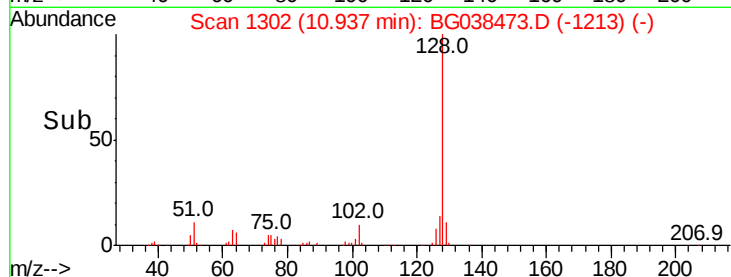
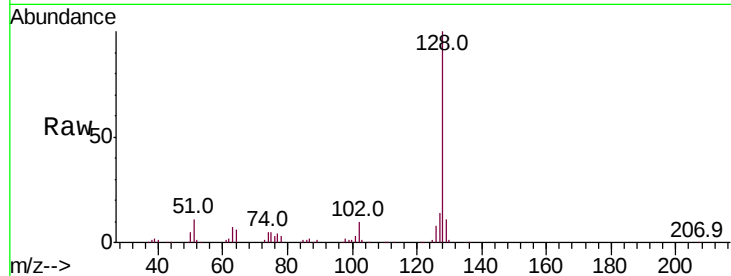
#31
Naphthalene
Concen: 36.182 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115480BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.8	11.1	16.7

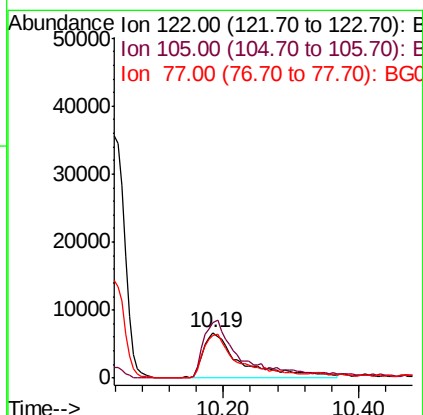
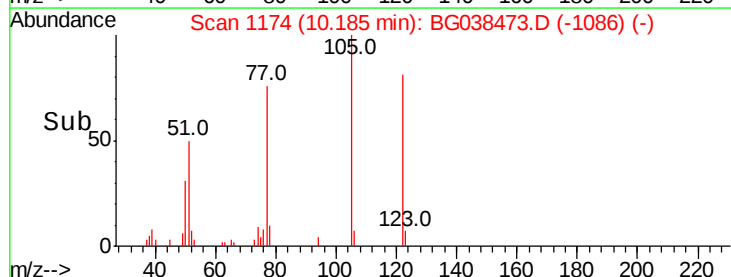
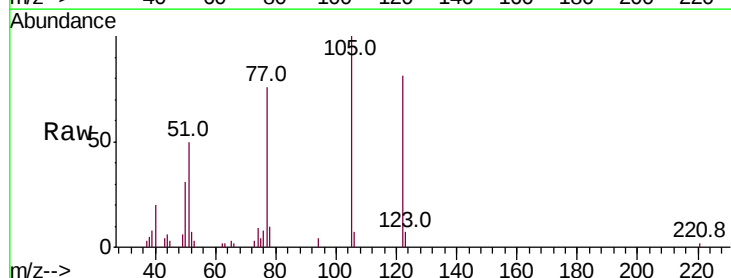
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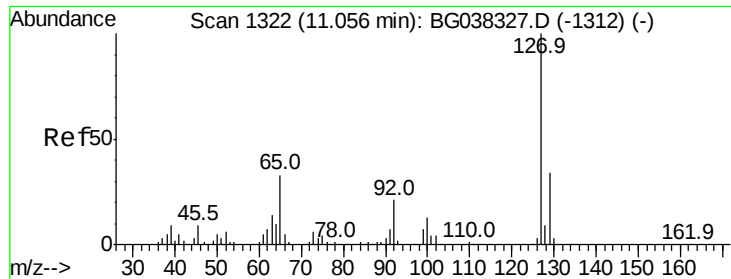
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#32
Benzoic acid
Concen: 24.824 ng m
RT: 10.19 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.7	106.7	146.7
77	93.1	72.2	112.2





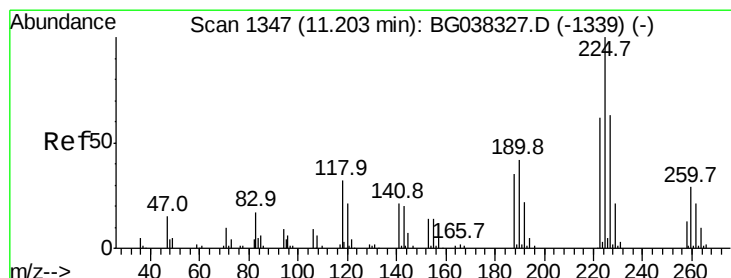
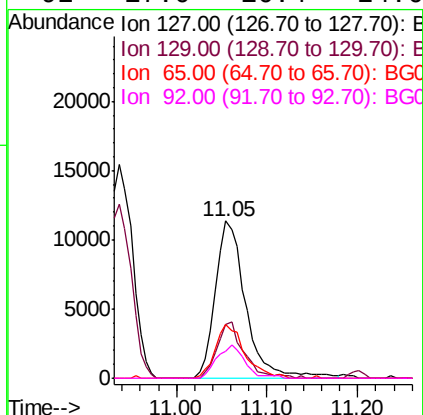
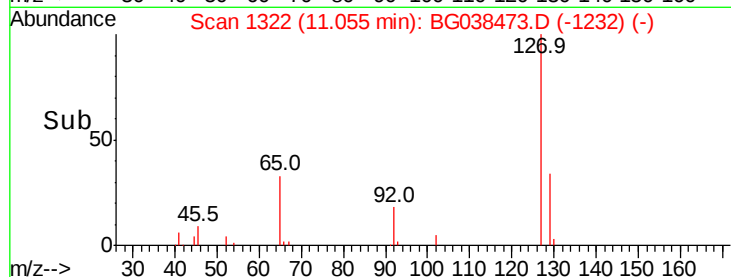
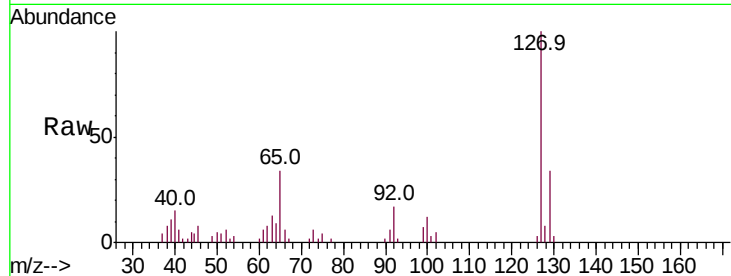
#33
4-Chloroaniline
Concen: 10.140 ng
RT: 11.05 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115480BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.5	27.1	40.7
65	34.4	26.6	39.8
92	17.0	16.4	24.6

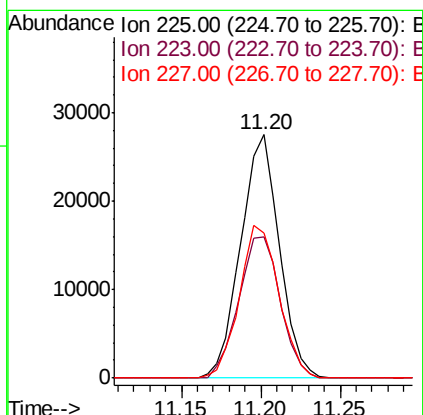
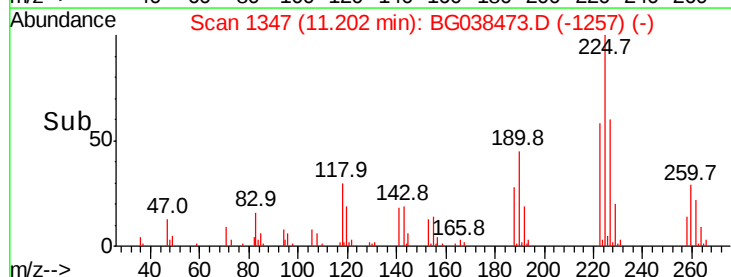
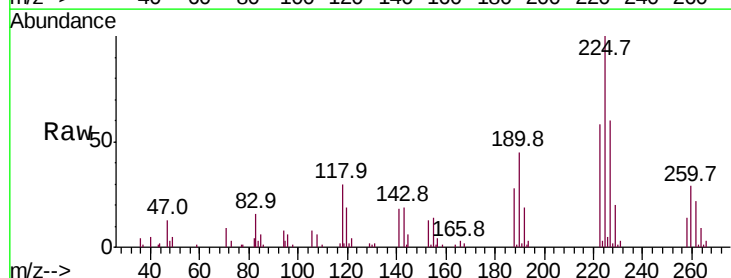
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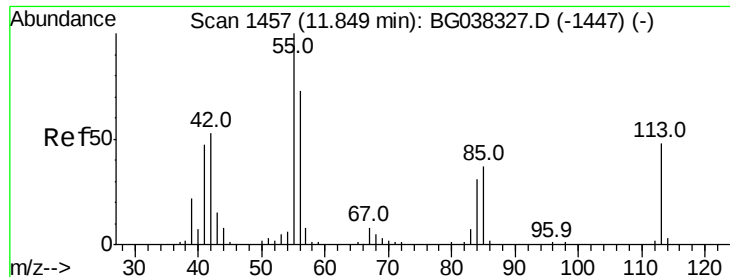
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#34
Hexachlorobutadiene
Concen: 33.102 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.0	48.2	72.4
227	59.3	51.6	77.4





#35

Caprolactam

Concen: 32.583 ng

RT: 11.84 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA_G

ClientSampled :

PB115480BS

Tot Ion:113 Resp: 25812

Ion Ratio Lower Upper

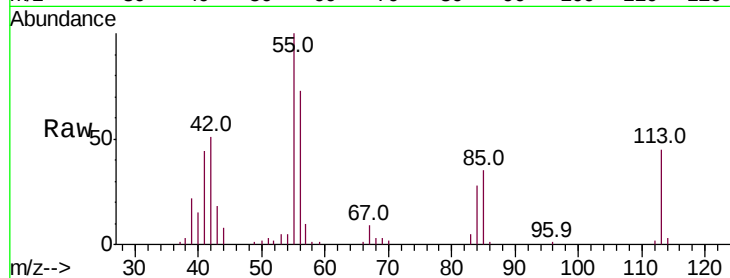
113 100

55 221.6 176.6 216.6#

56 162.6 128.3 168.3

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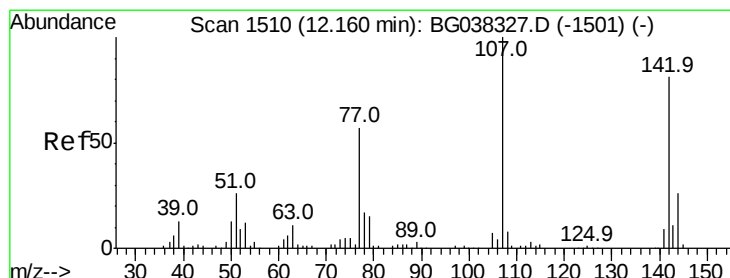
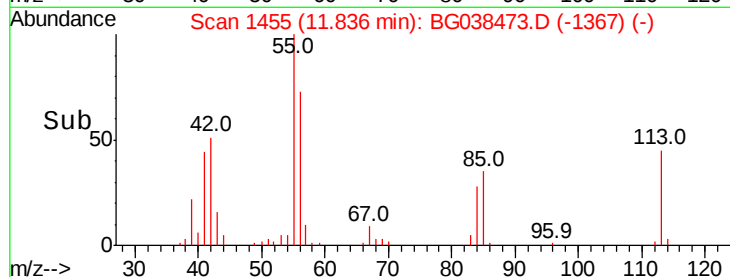
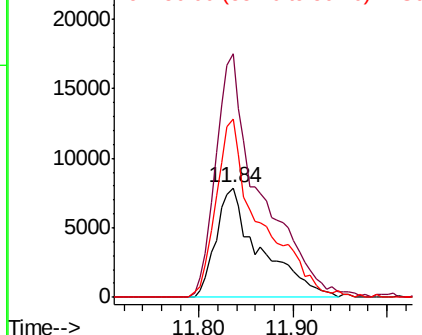
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGO

Ion 56.00 (55.70 to 56.70): BGO



#36

4-Chloro-3-methylphenol

Concen: 37.136 ng

RT: 12.16 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

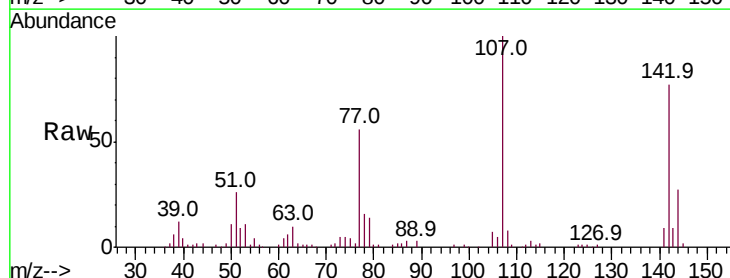
Tgt Ion:107 Resp: 79041

Ion Ratio Lower Upper

107 100

144 26.8 20.7 31.1

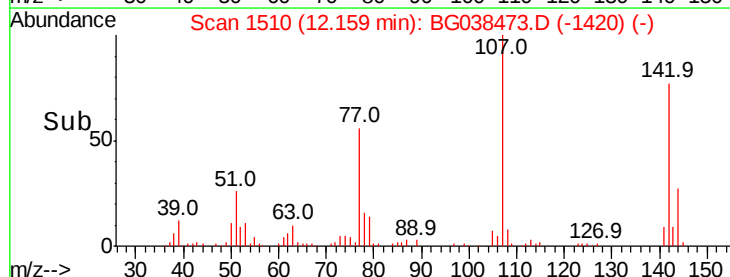
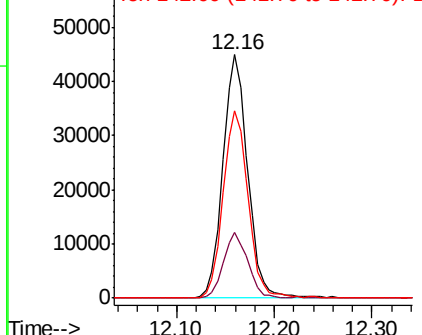
142 77.1 64.4 96.6

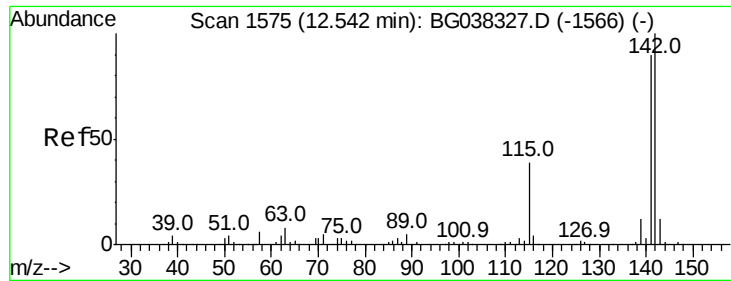


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





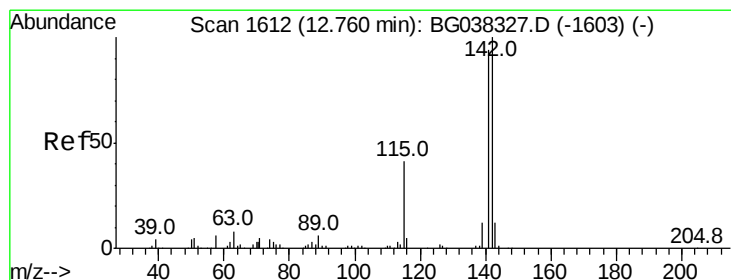
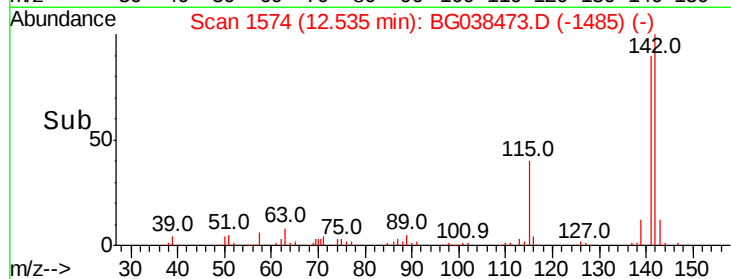
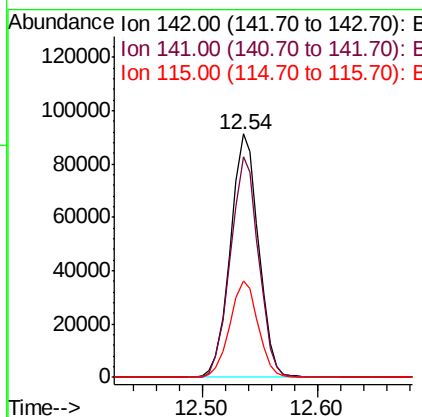
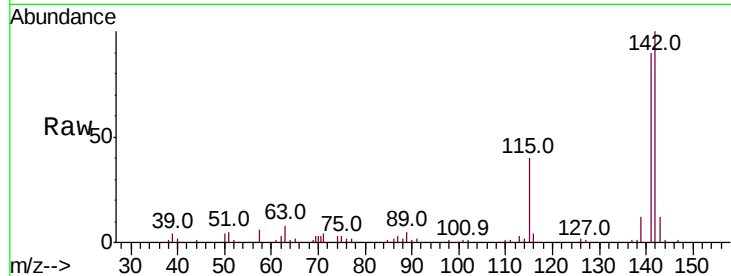
#37
2-Methylnaphthalene
Concen: 36.659 ng
RT: 12.54 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115480BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.9	107.9
115	39.6	27.8	41.8

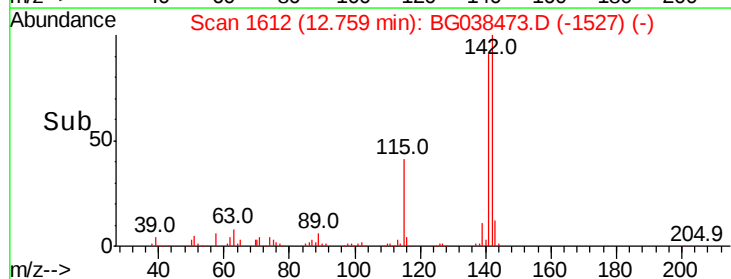
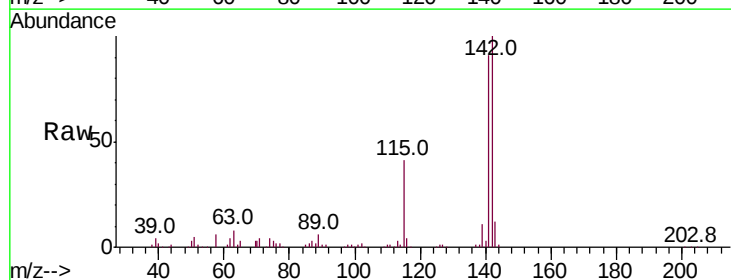
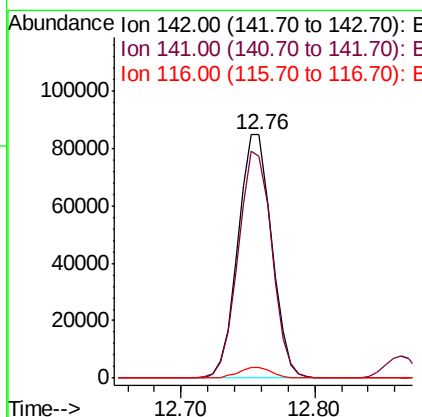
Manual Integrations
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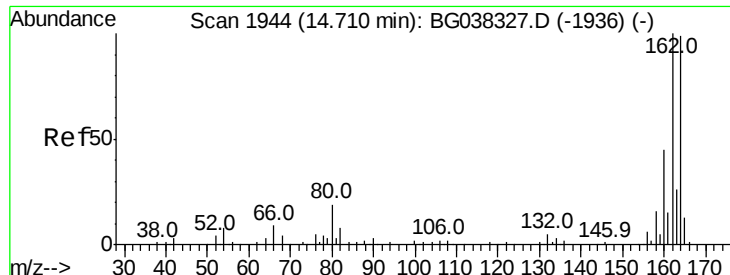
Sohil
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#38
1-Methylnaphthalene
Concen: 36.987 ng
RT: 12.76 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	75.2	112.8
116	4.3	3.3	4.9





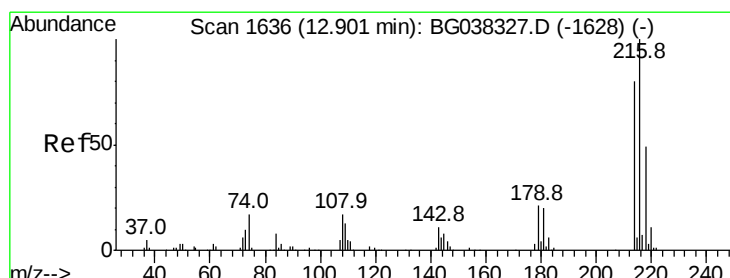
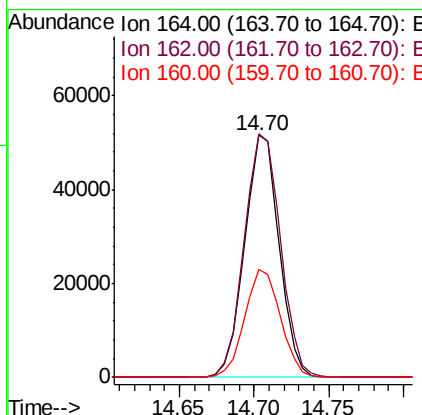
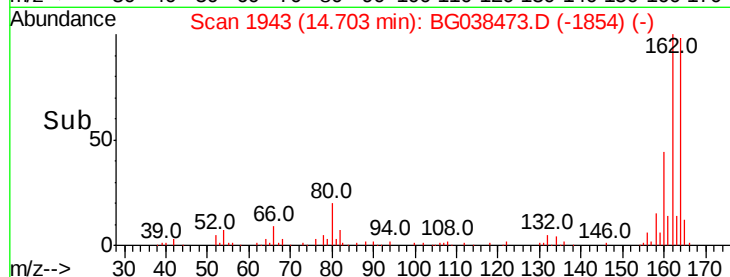
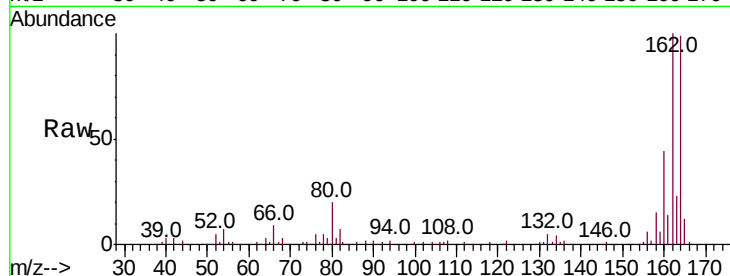
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115480BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.3	121.9
160	44.7	36.3	54.5

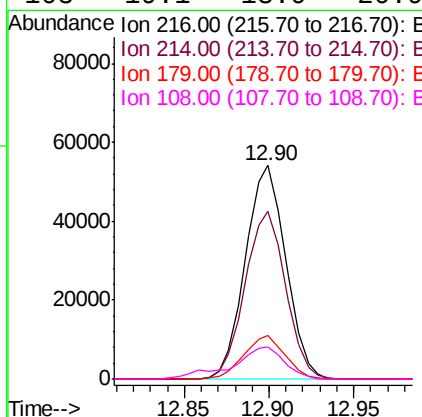
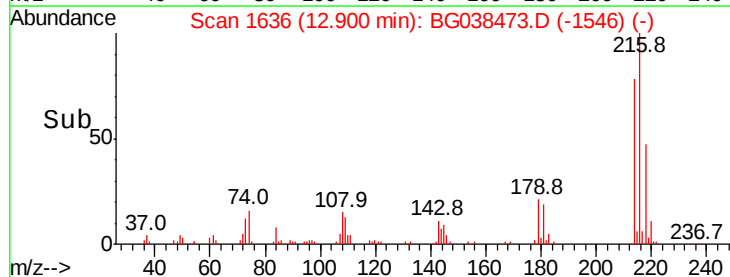
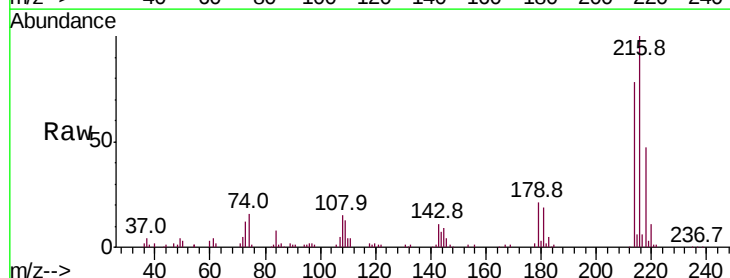
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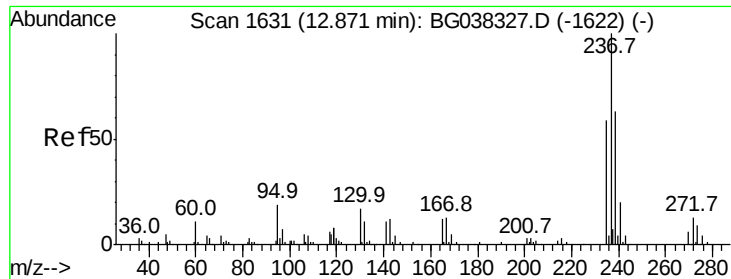
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 31.739 ng
RT: 12.90 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.6
179	20.7	17.4	26.0
108	19.1	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 70.944 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA_G

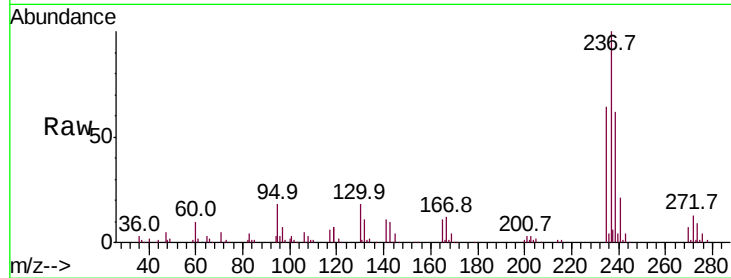
ClientSampleId :

PB115480BS

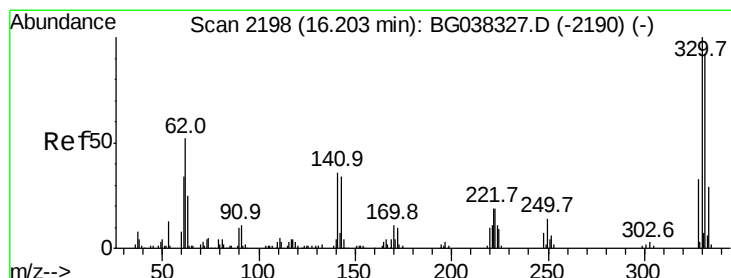
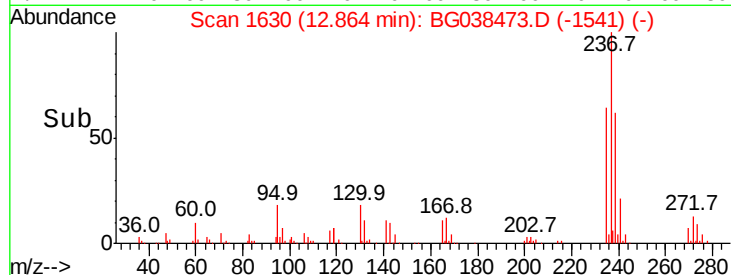
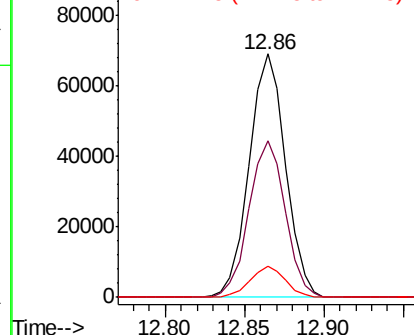
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.3	42.5	82.5
272	12.9	0.0	31.6

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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: 111.271 ng

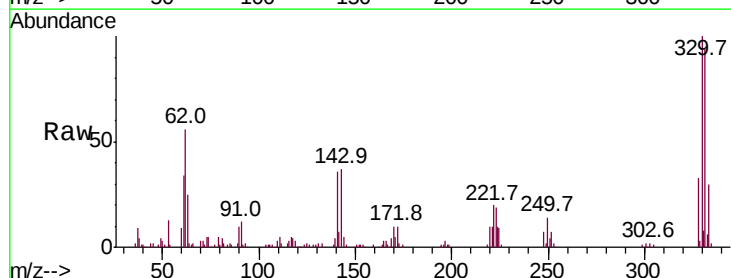
RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

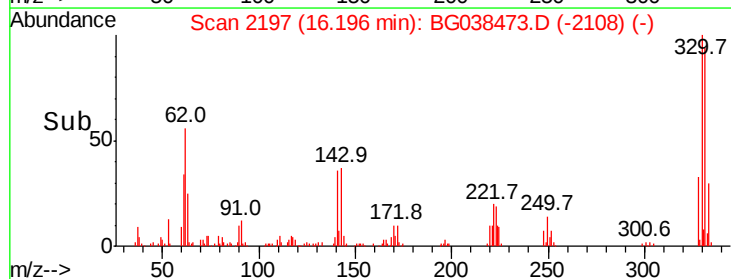
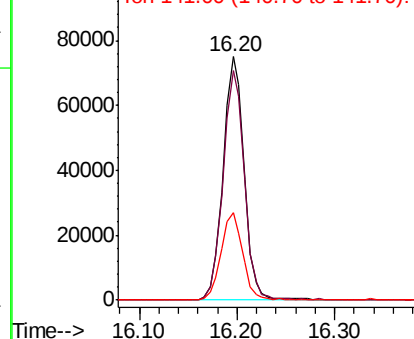
Lab File: BG038473.D

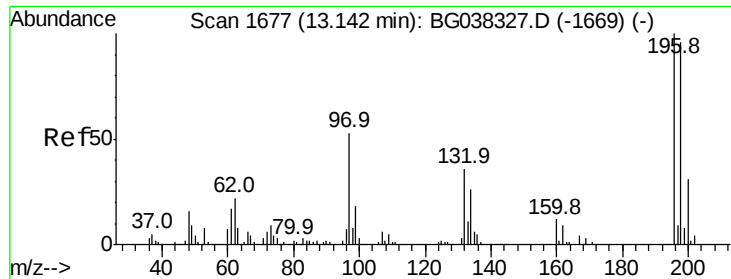
Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.4	78.4	117.6
141	36.9	32.2	48.2



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





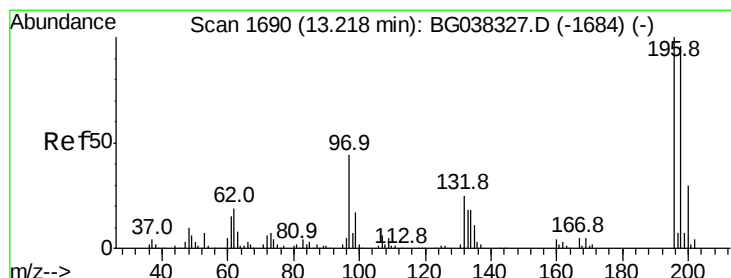
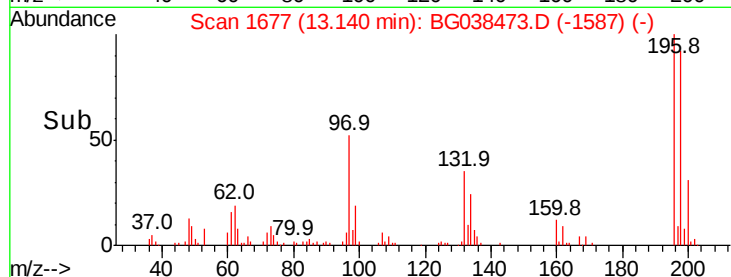
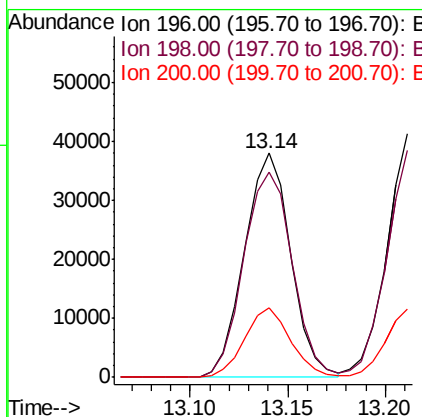
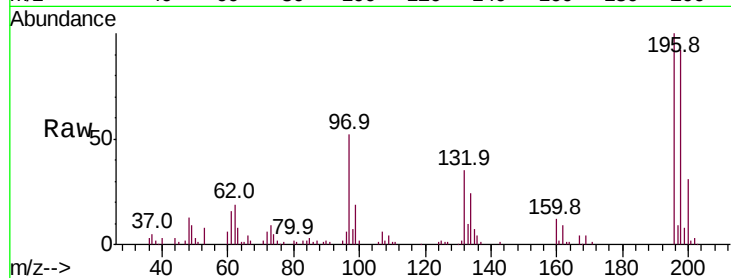
#43
 2,4,6-Trichlorophenol
 Concen: 34.122 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG038473.D
 Acq: 11 Dec 2018 17:20

Instrument :
 BNA_G
 ClientSampleID :
 PB115480BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.7	76.4	114.6
200	30.9	24.9	37.3

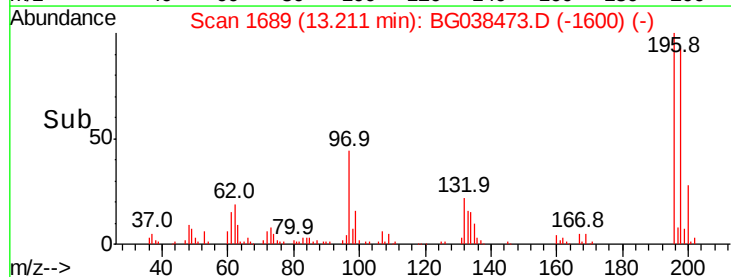
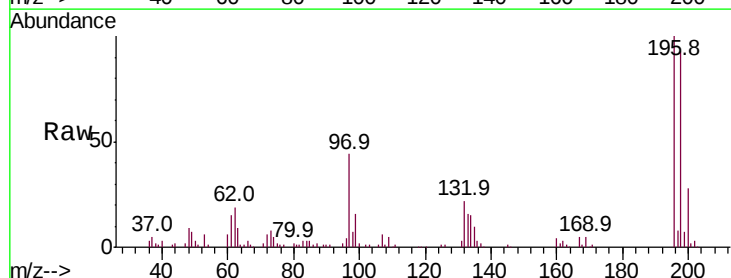
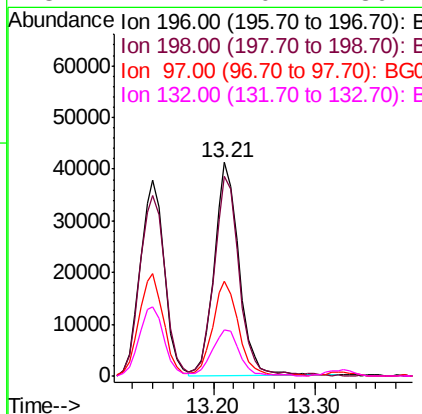
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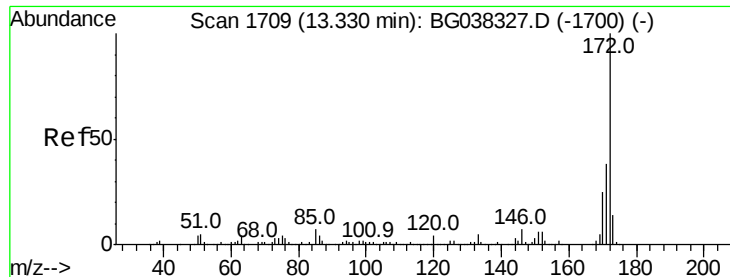
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#44
 2,4,5-Trichlorophenol
 Concen: 35.919 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG038473.D
 Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.5	74.2	111.2
97	44.5	34.1	51.1
132	21.7	20.2	30.4





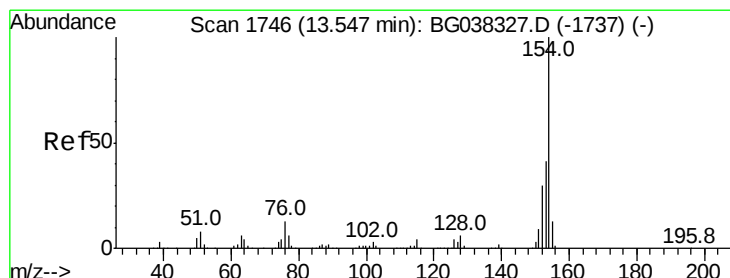
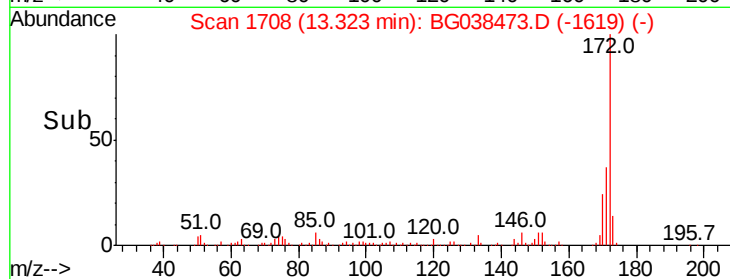
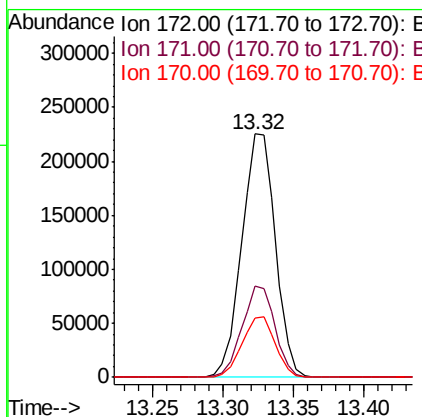
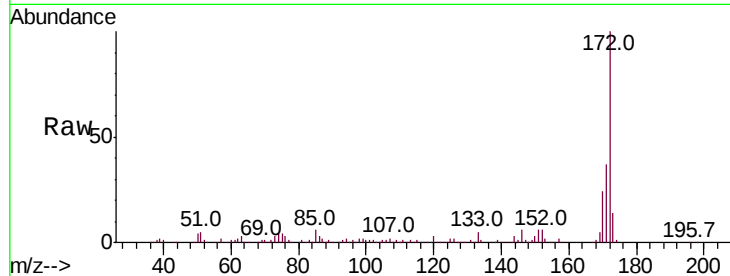
#45
2-Fluorobiphenyl
Concen: 65.285 ng
RT: 13.32 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115480BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	24.2	20.2	30.2

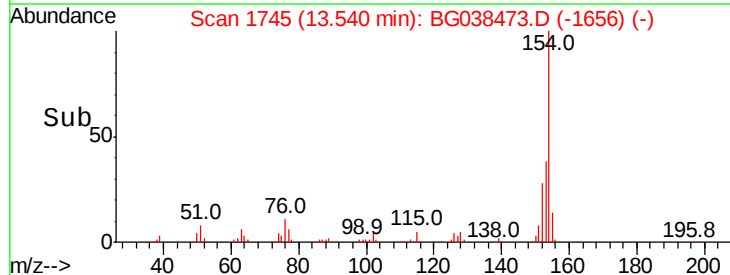
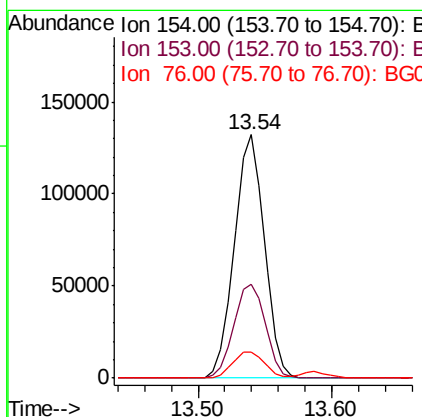
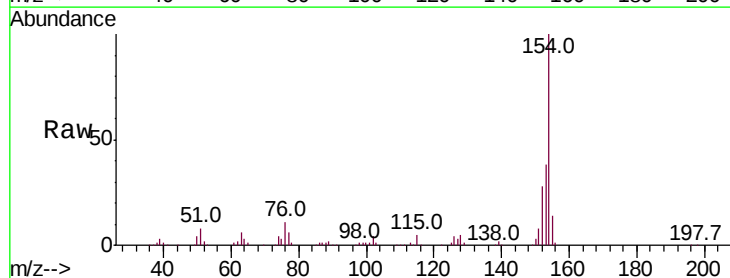
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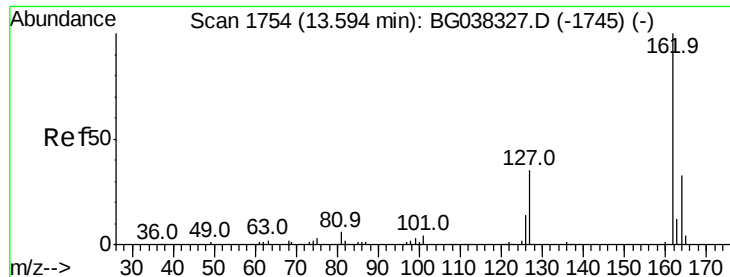
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#46
1,1'-Biphenyl
Concen: 29.800 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.5	22.1	62.1
76	10.9	0.0	33.2





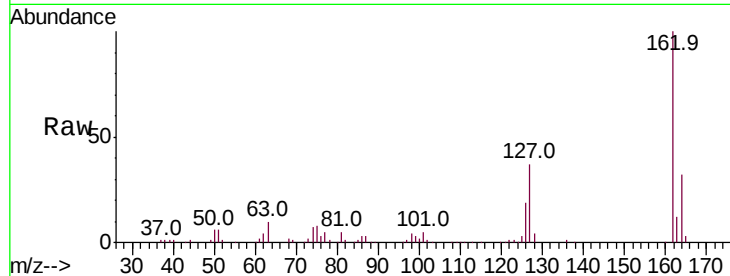
#47
2-Chloronaphthalene
Concen: 31.761 ng
RT: 13.59 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115480BS

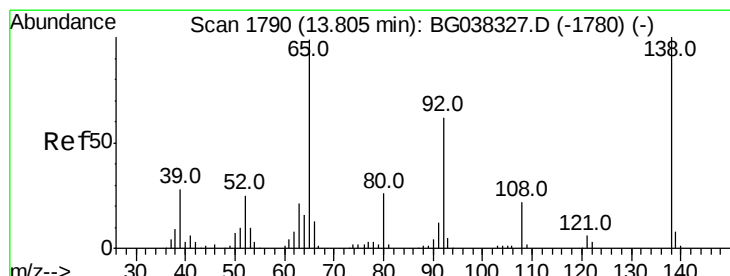
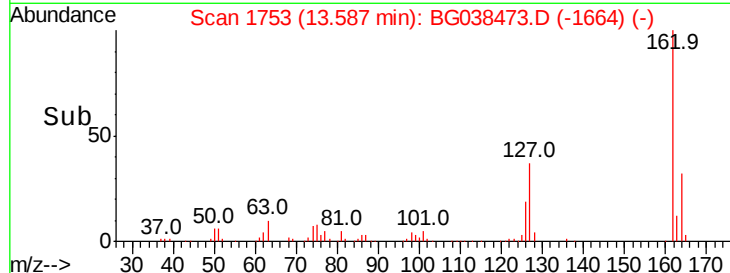
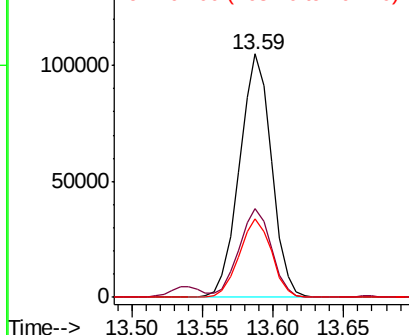
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	36.5	30.5	45.7
164	32.4	26.4	39.6

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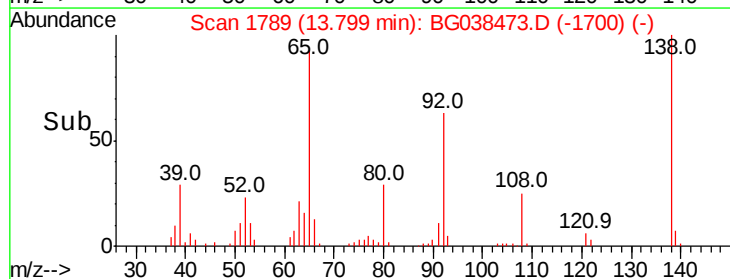
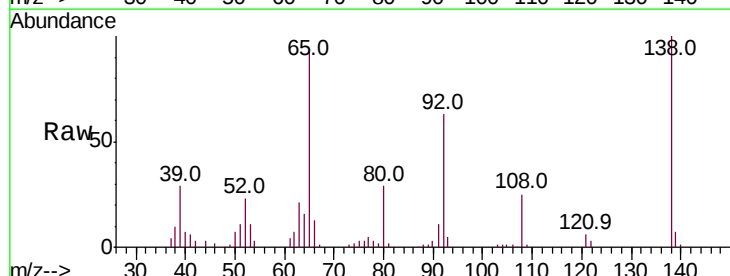
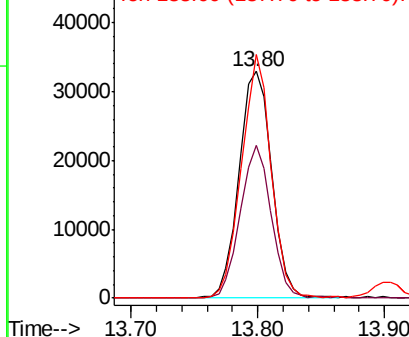
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

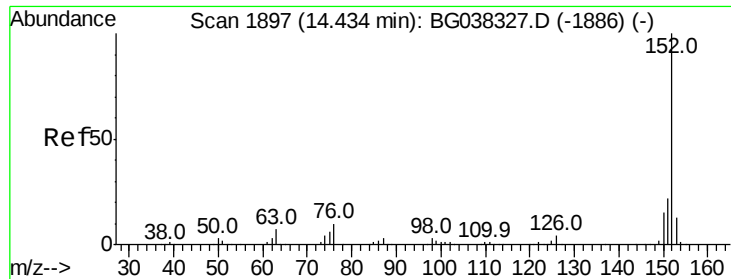


#48
2-Nitroaniline
Concen: 33.519 ng
RT: 13.80 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	67.3	53.2	79.8
138	107.5	79.3	118.9

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: 34.151 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA_G

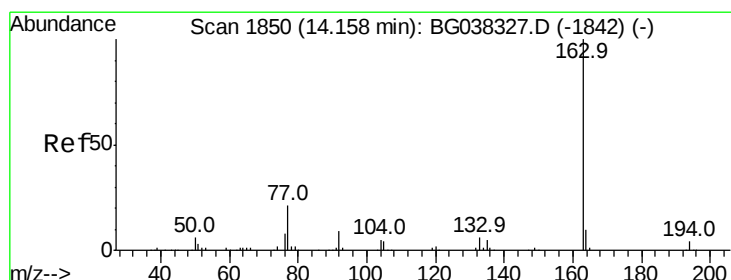
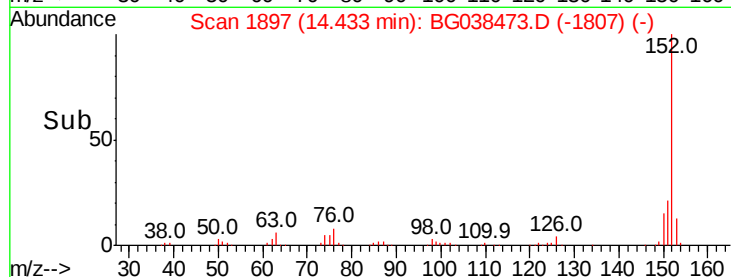
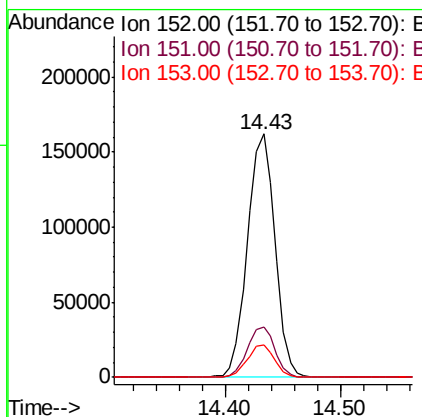
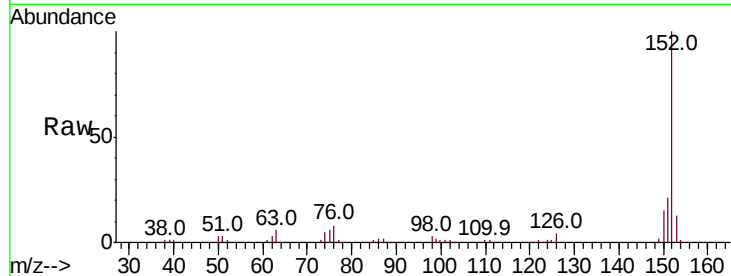
ClientSampleId :

PB115480BS

Tot Ion:	152	Resp:	269265
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.1	25.7
153	13.1	11.1	16.7

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#50

Dimethylphthalate

Concen: 33.859 ng

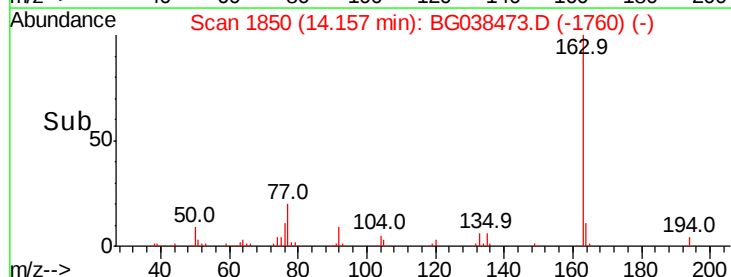
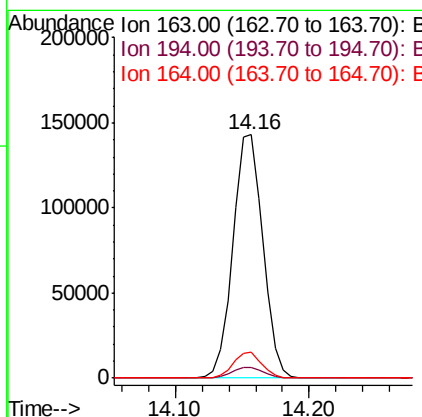
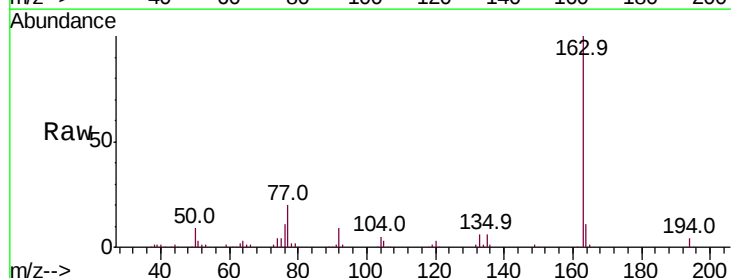
RT: 14.16 min Scan# 1850

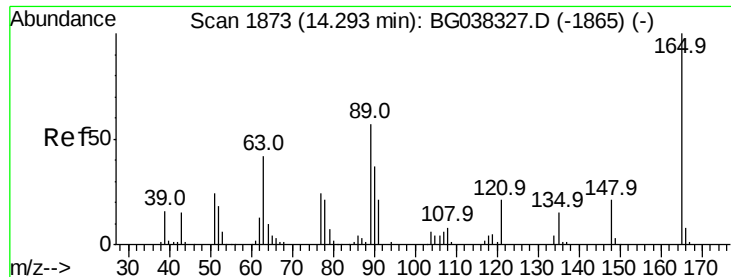
Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Tgt Ion:	163	Resp:	222901
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	10.8	8.5	12.7





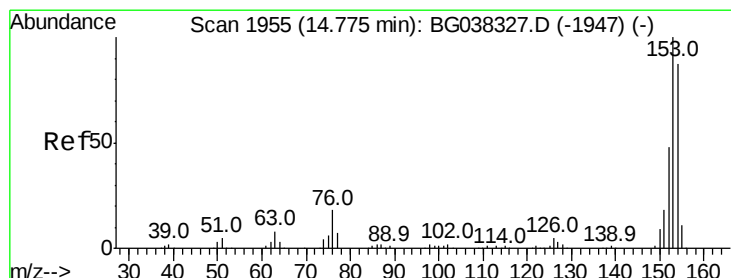
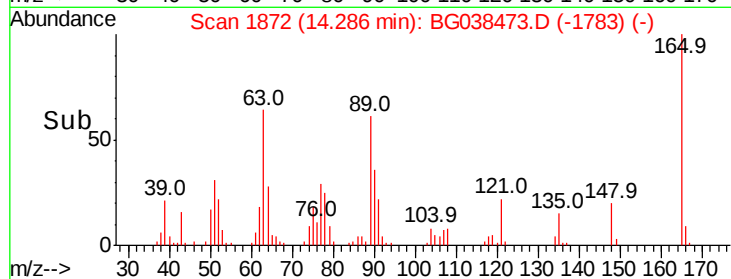
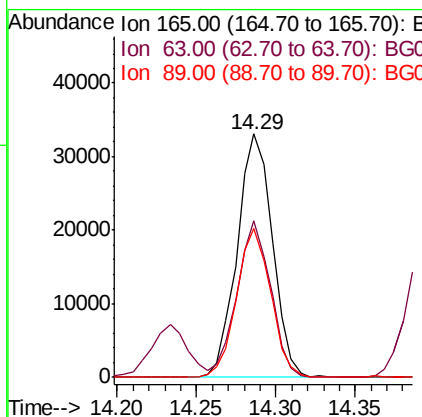
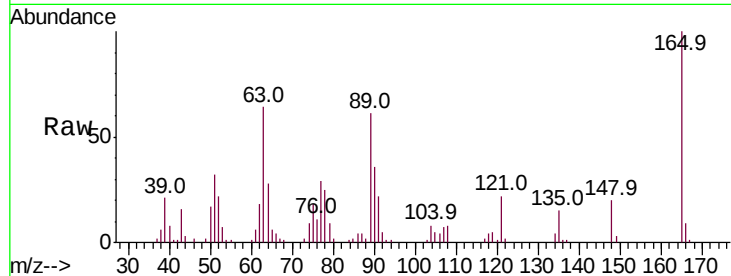
#51
 2,6-Dinitrotoluene
 Concen: 33.902 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG038473.D
 Acq: 11 Dec 2018 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB115480BS

Tot Ion:	165	Resp:	50982
Ion Ratio	Lower	Upper	
165	100		
63	64.4	43.4	65.2
89	61.1	45.8	68.6

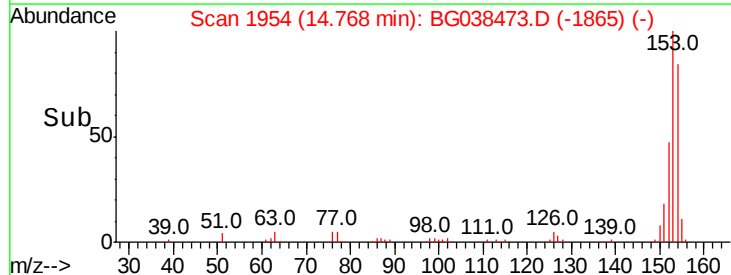
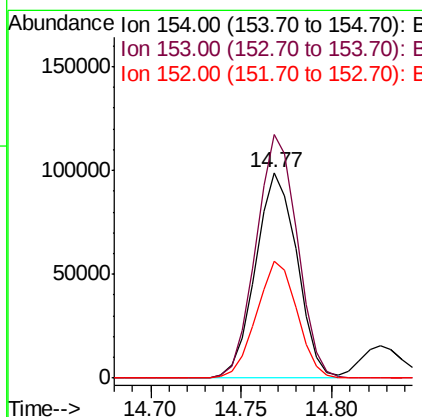
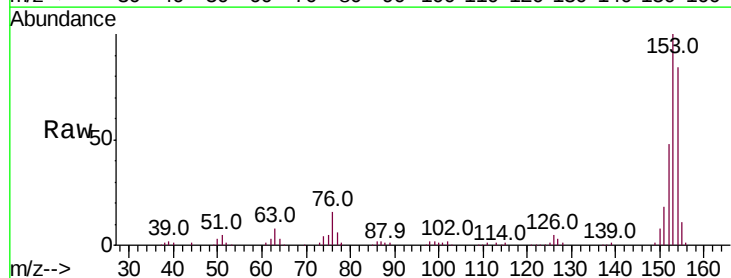
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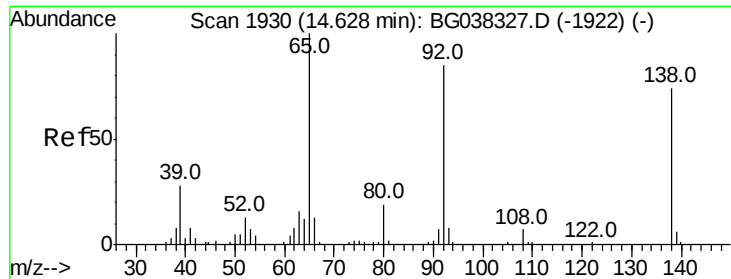
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#52
 Acenaphthene
 Concen: 32.707 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG038473.D
 Acq: 11 Dec 2018 17:20

Tgt Ion:	154	Resp:	157212
Ion Ratio	Lower	Upper	
154	100		
153	118.6	93.4	140.0
152	56.9	44.7	67.1





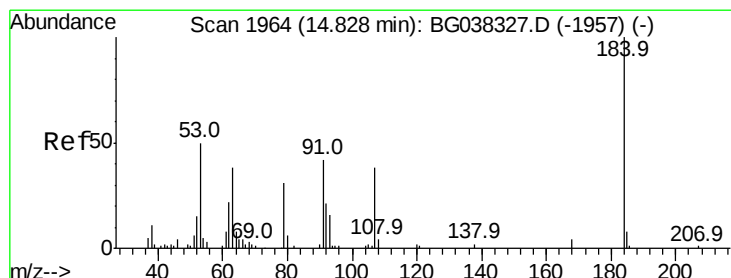
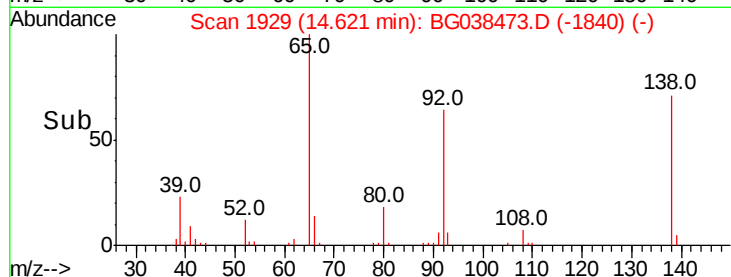
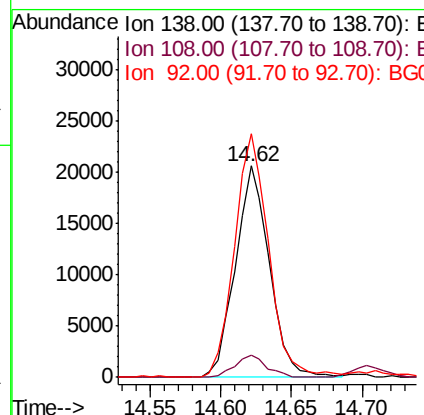
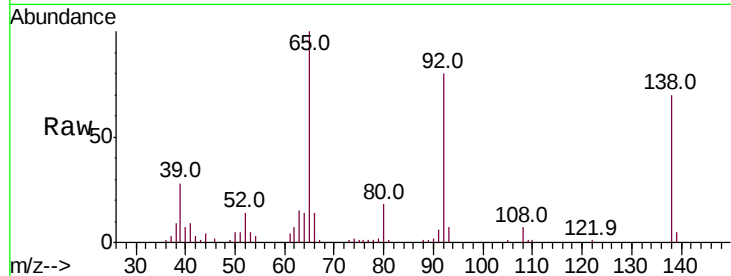
#53
3-Nitroaniline
Concen: 21.410 ng
RT: 14.62 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115480BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	11.0	16.6#
92	115.3	95.2	142.8

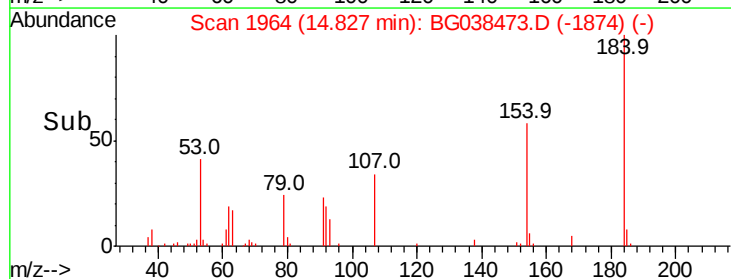
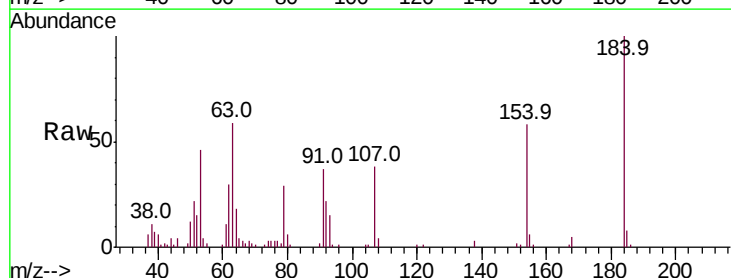
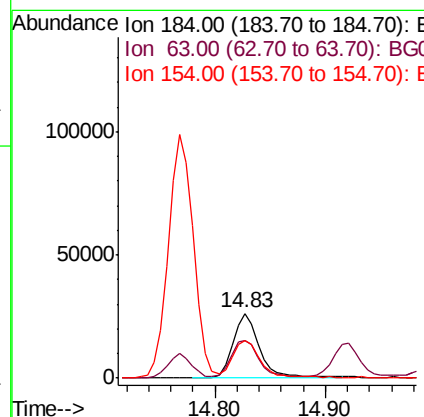
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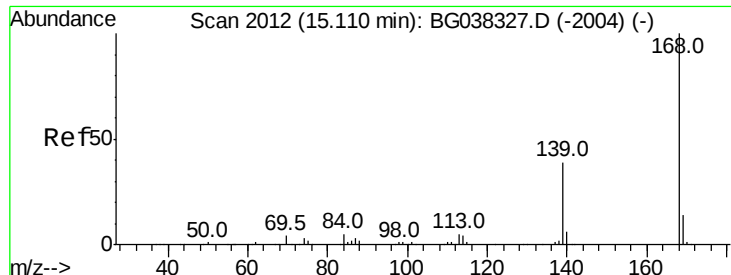
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#54
2,4-Dinitrophenol
Concen: 53.993 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.9	42.6	63.8
154	58.4	41.8	62.6





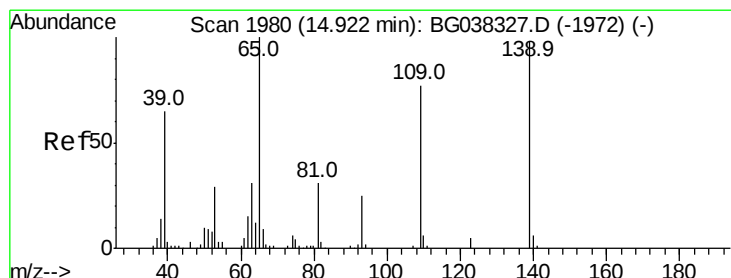
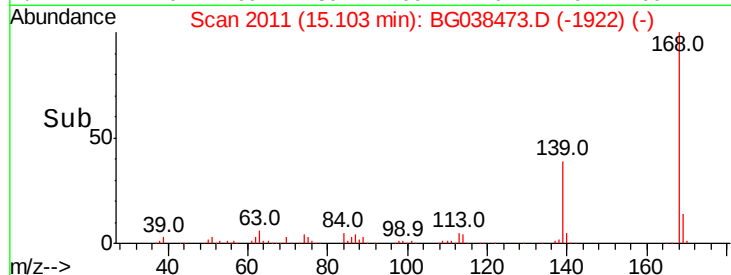
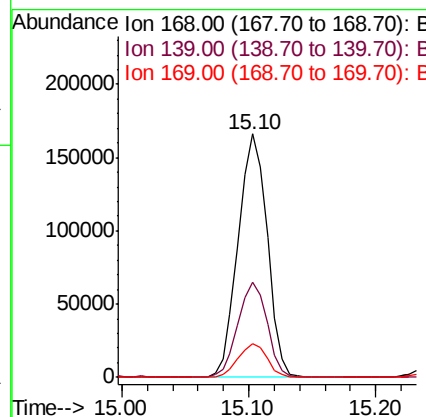
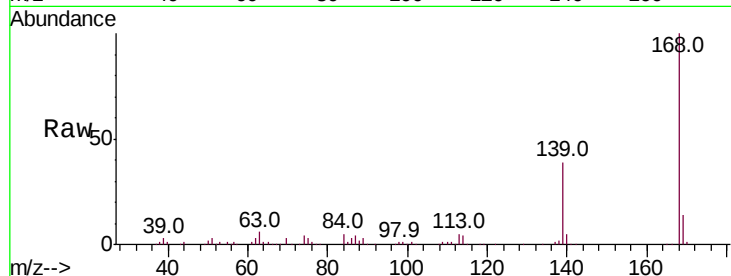
#55
Dibenzenofuran
Concen: 33.161 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115480BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	263510		
139	38.9	29.4	44.0	
169	13.8	11.0	16.6	

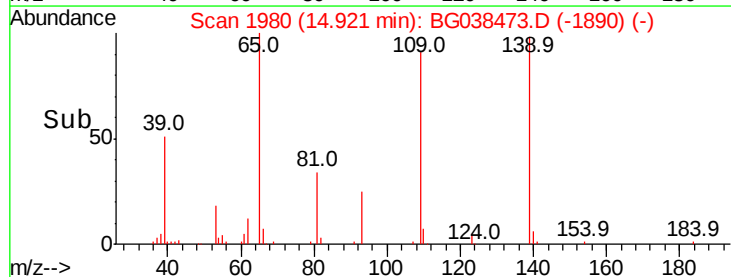
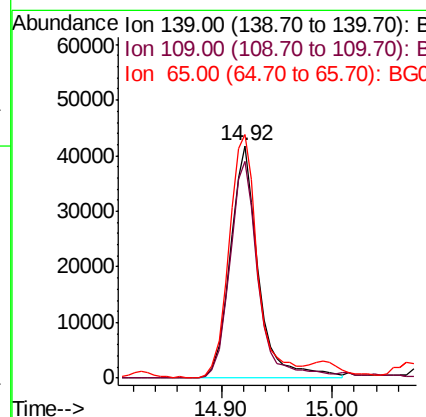
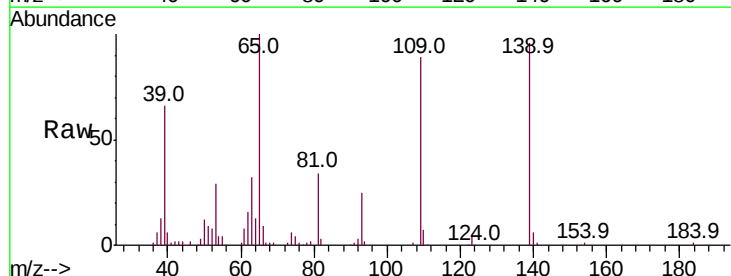
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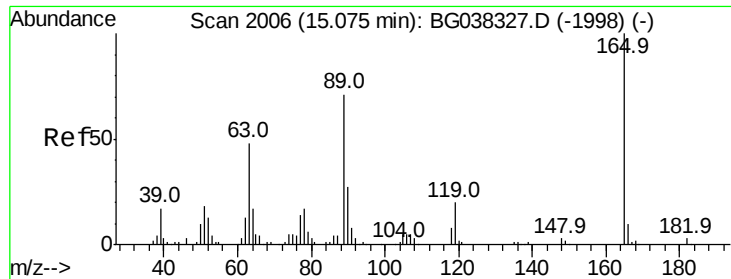
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#56
4-Nitrophenol
Concen: 58.225 ng
RT: 14.92 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	74490		
109	93.1	49.5	89.5#	
65	104.7	76.8	116.8	





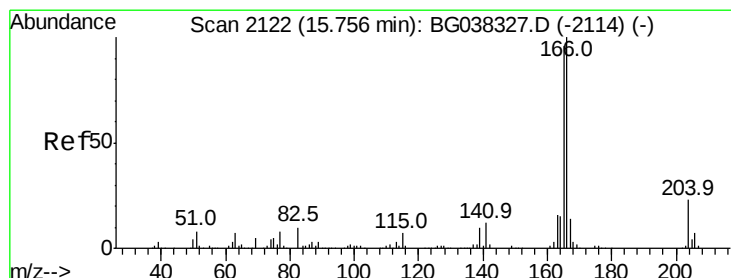
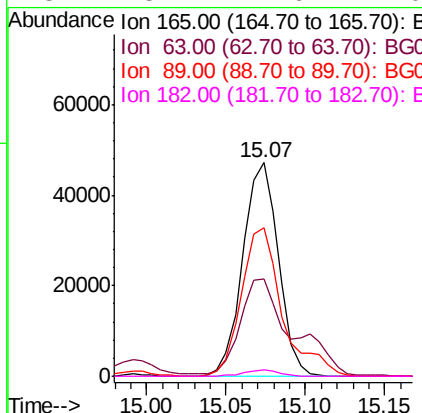
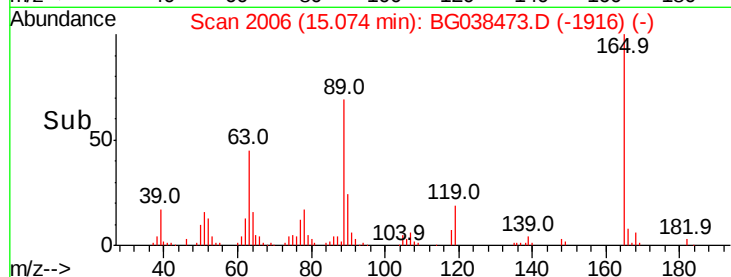
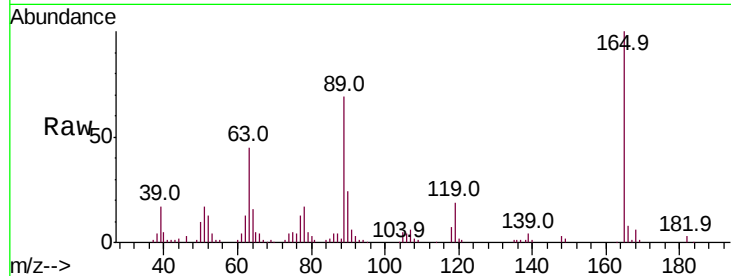
#57
2,4-Dinitrotoluene
Concen: 35.405 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115480BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.5	33.4	50.0	
89	69.3	57.2	85.8	
182	3.2	2.6	4.0	

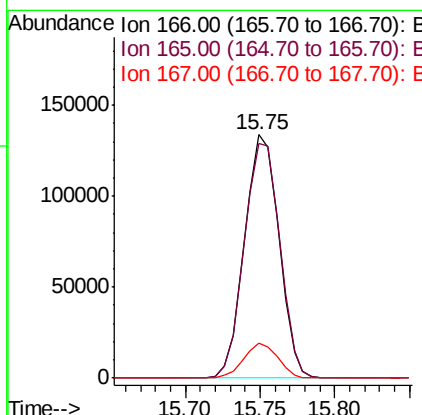
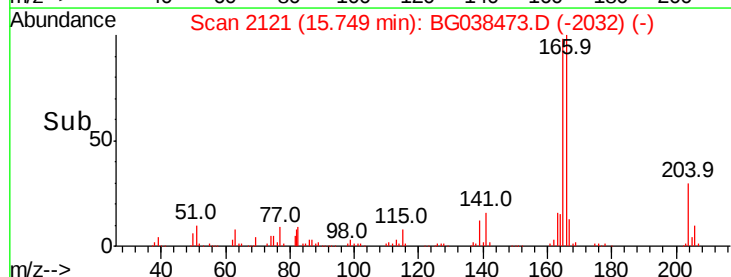
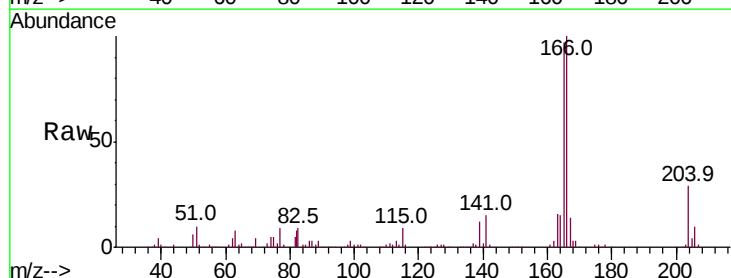
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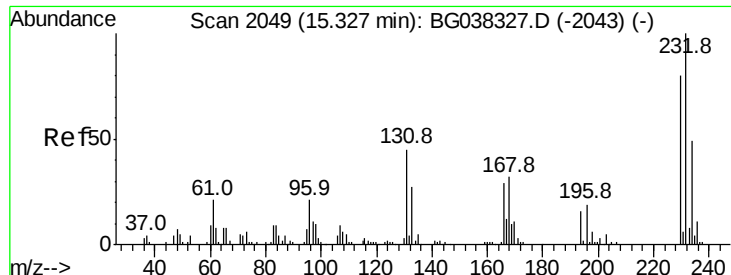
Sohil
12/12/2018 6:25:38 PM



#58
Fluorene
Concen: 36.541 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.6	79.0	118.6	
167	14.1	11.3	16.9	





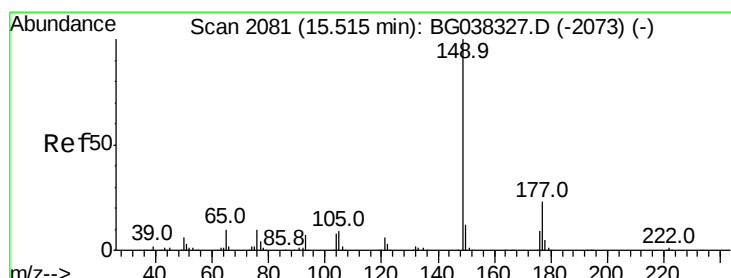
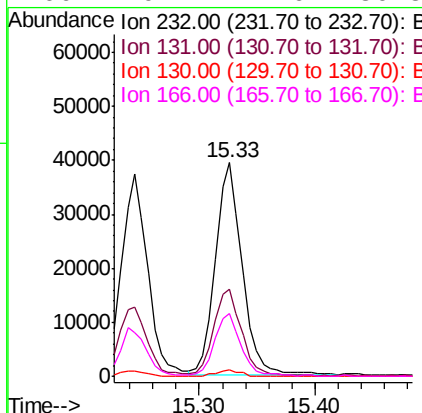
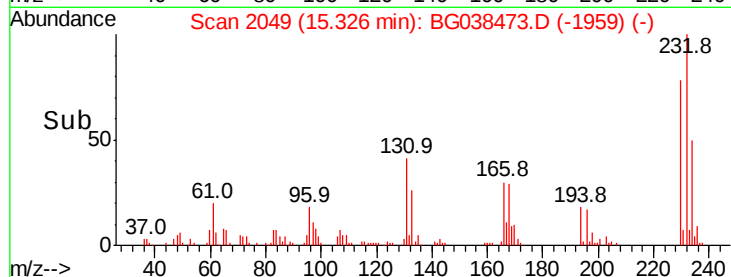
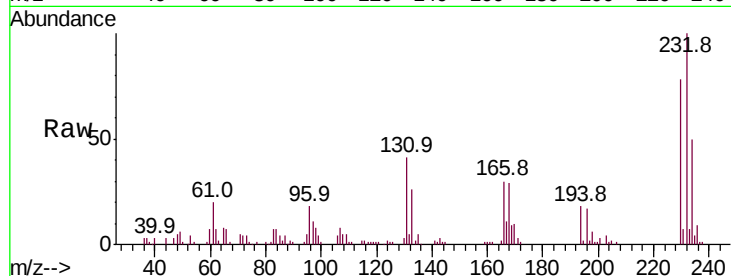
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.549 ng
RT: 15.33 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115480BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.1	33.7	50.5
130	2.5	2.1	3.1
166	29.2	24.6	36.8

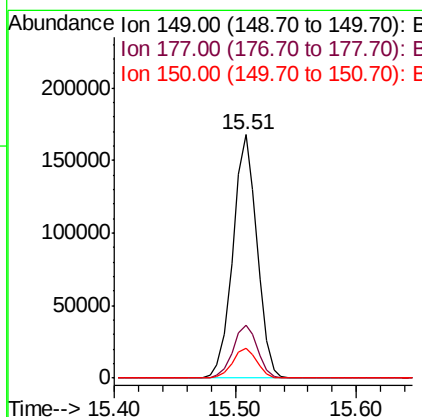
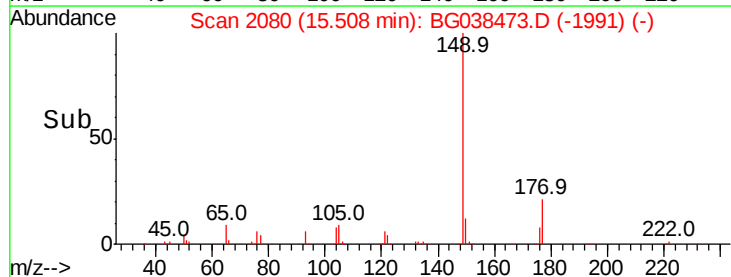
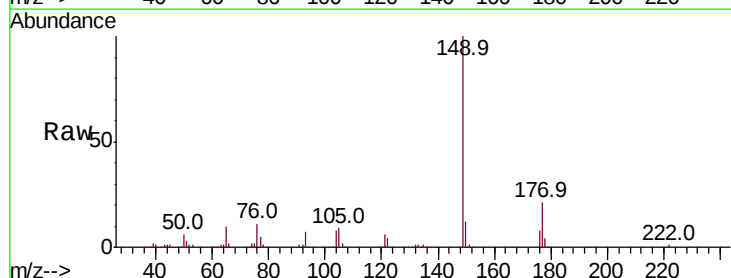
Manual Integrations
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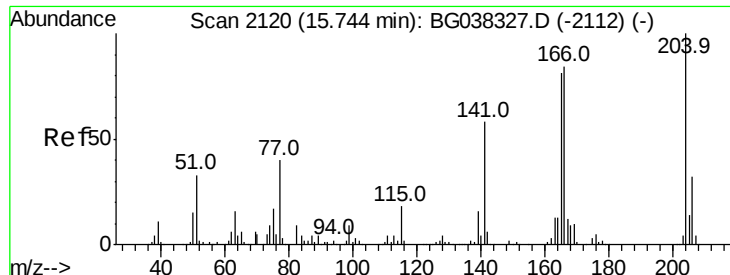
Sohil
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#60
Diethylphthalate
Concen: 32.001 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	18.3	27.5
150	12.5	10.0	15.0





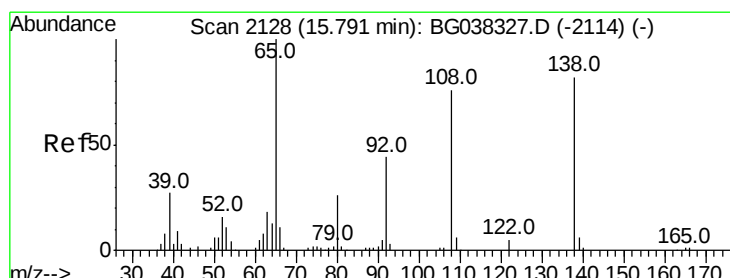
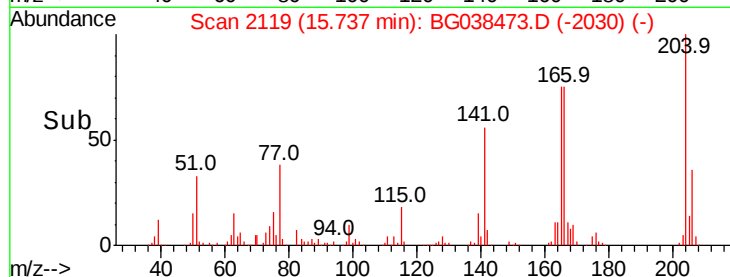
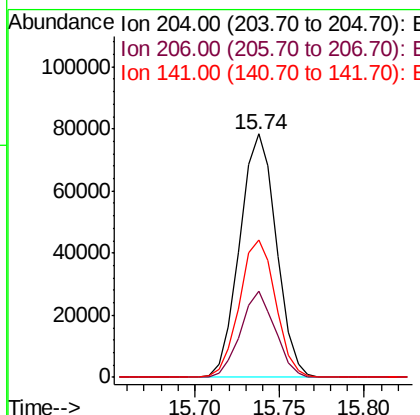
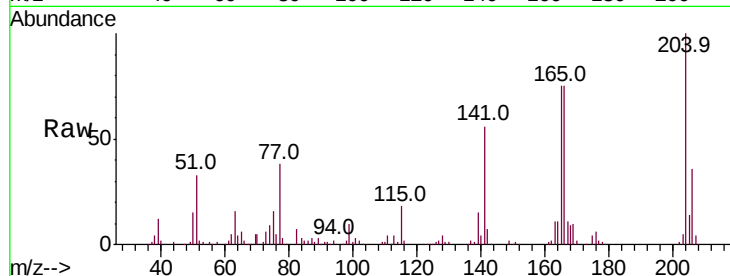
#61
4-Chlorophenyl-phenylether
Concen: 33.602 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Instrument :
BNA_G
ClientSampled :
PB115480BS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	35.5	26.6	39.8
141	56.2	45.4	68.2

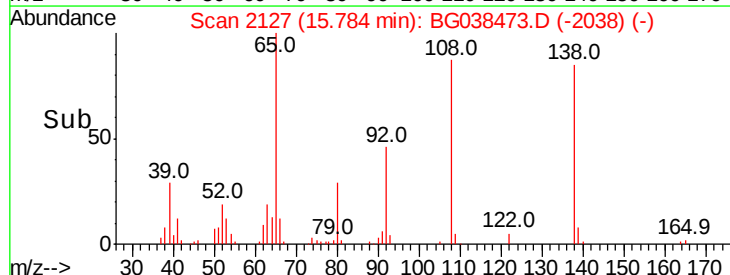
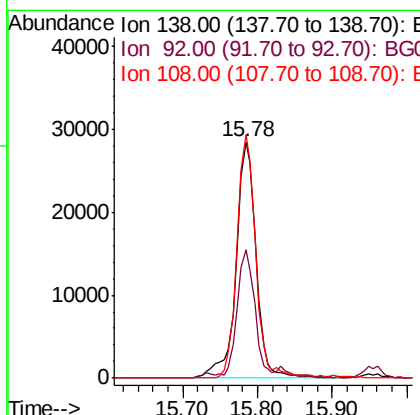
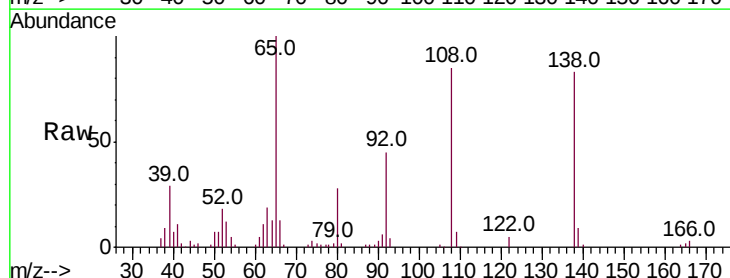
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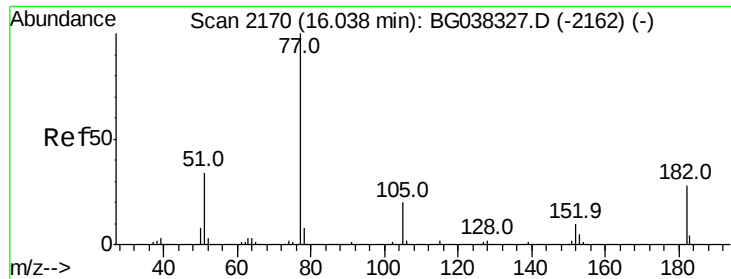
Sohil
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#62
4-Nitroaniline
Concen: 33.456 ng
RT: 15.78 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	54.5	36.4	76.4
108	103.1	60.1	100.1#





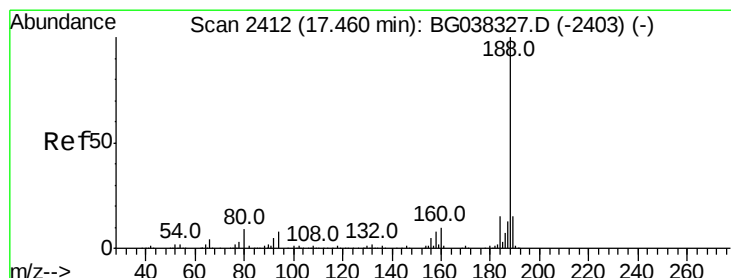
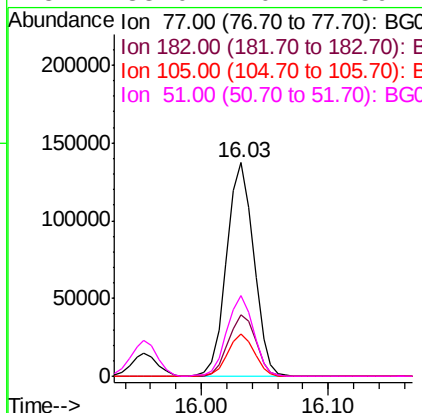
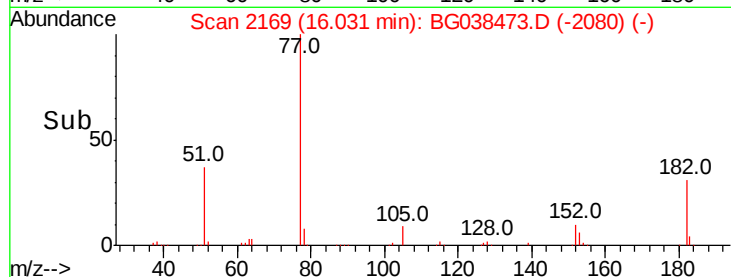
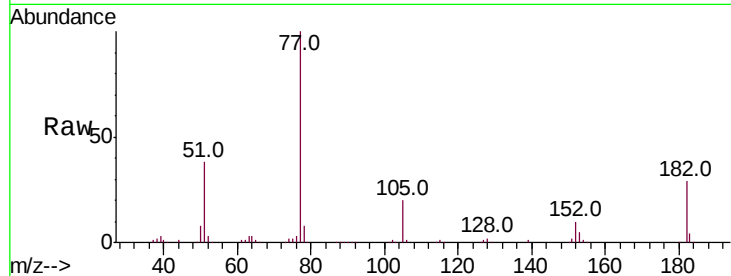
#63
Azobenzene
Concen: 31.785 ng
RT: 16.03 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115480BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.8	8.0	48.0
105	19.7	1.3	41.3
51	38.0	10.7	50.7

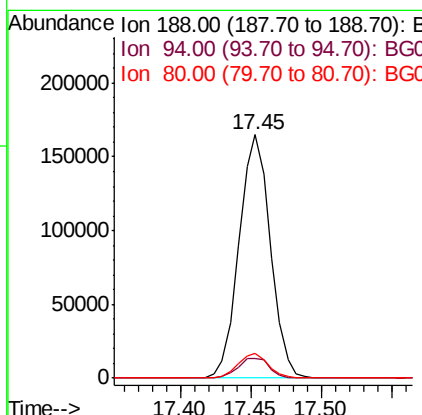
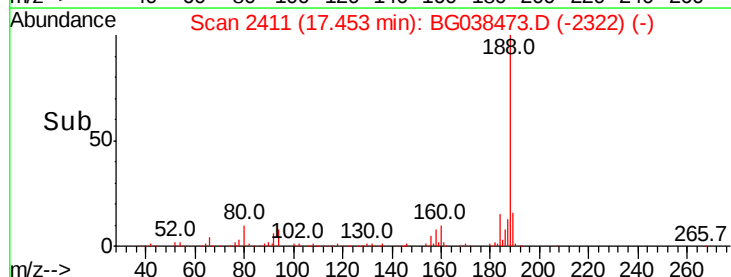
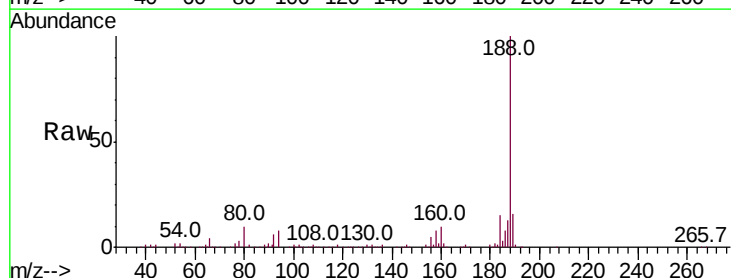
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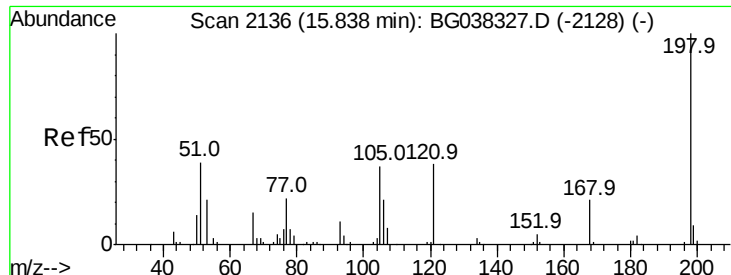
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	10.3	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 24.714 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA_G

ClientSampleId :

PB115480BS

Tot Ion:198 Resp: 41378

Ion Ratio Lower Upper

198 100

51 44.1 22.7 62.7

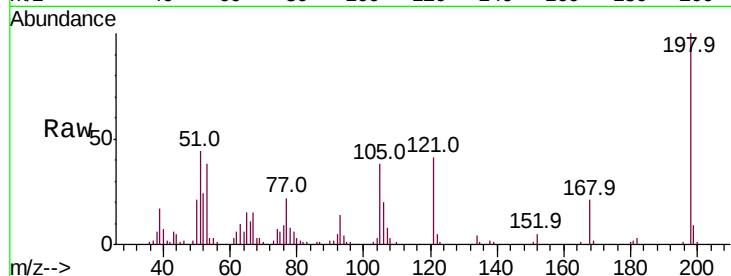
105 37.6 19.7 59.7

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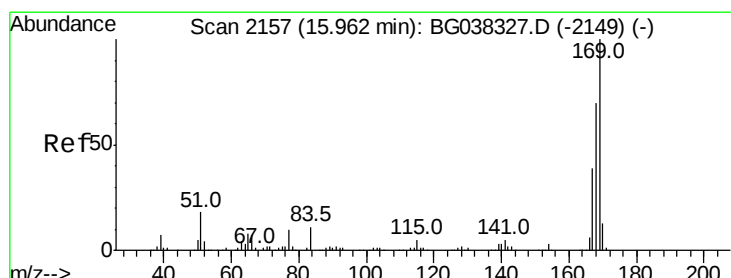
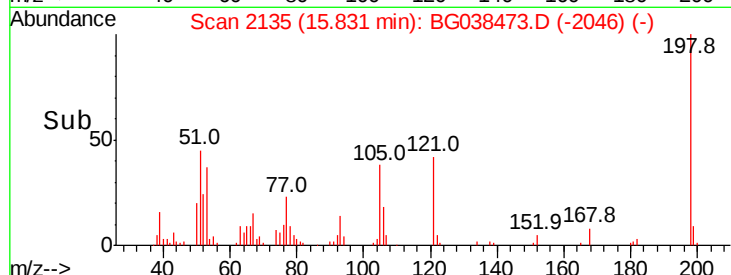
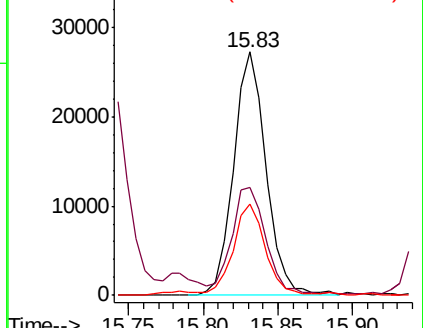
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 27.199 ng

RT: 15.95 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

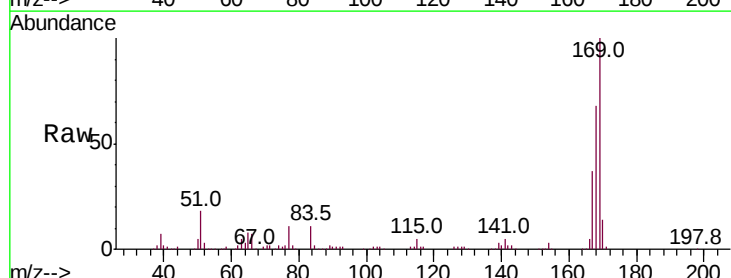
Tgt Ion:169 Resp: 195440

Ion Ratio Lower Upper

169 100

168 68.4 55.7 83.5

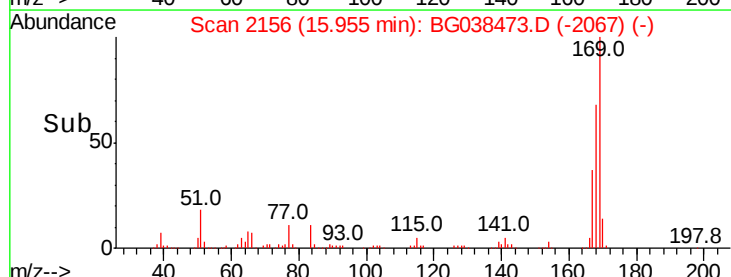
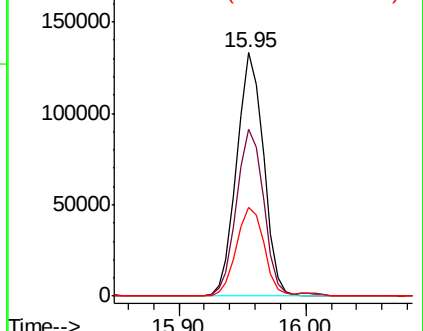
167 36.6 31.3 46.9

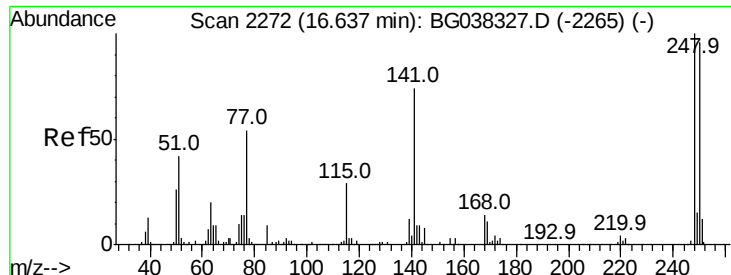


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





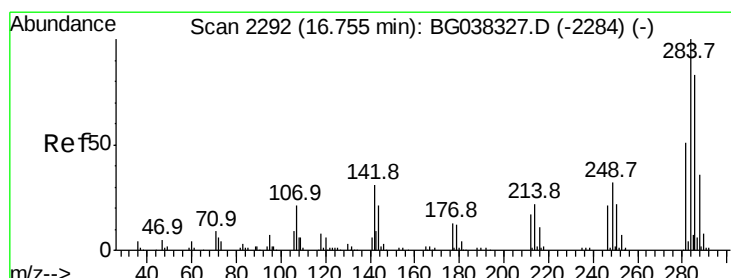
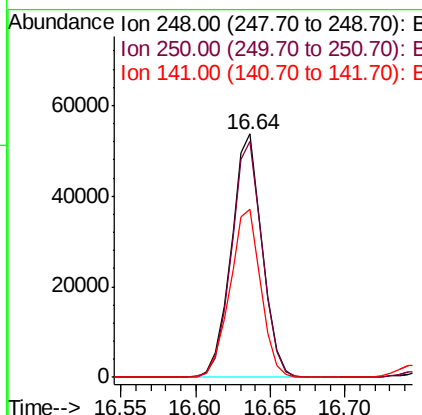
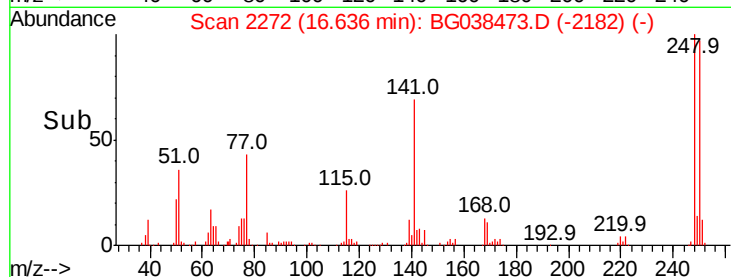
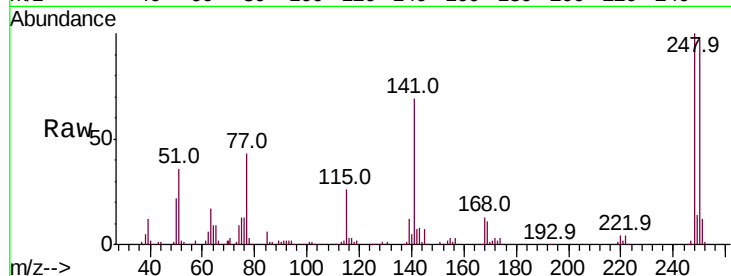
#67
 4-Bromophenyl-phenylether
 Concen: 27.938 ng
 RT: 16.64 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BG038473.D
 Acq: 11 Dec 2018 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB115480BS

Tot Ion:	248	Resp:	77093
Ion Ratio	Lower	Upper	
248	100		
250	96.9	77.0	115.6
141	69.0	55.5	83.3

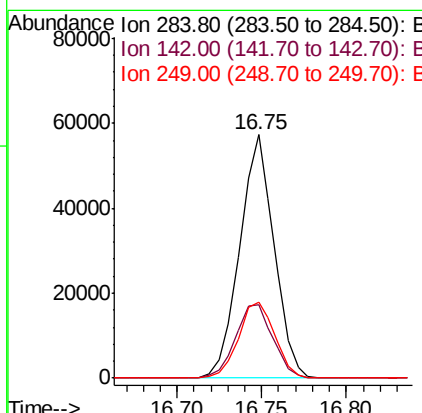
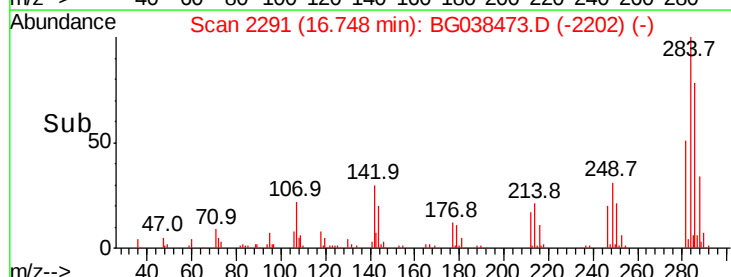
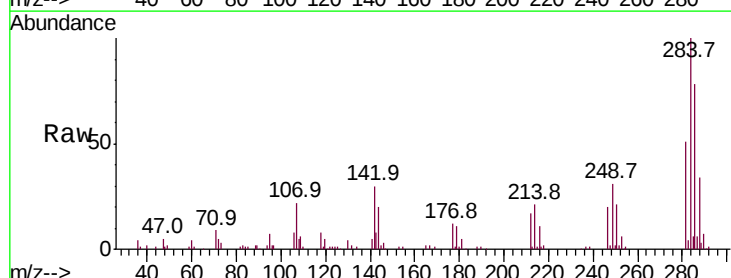
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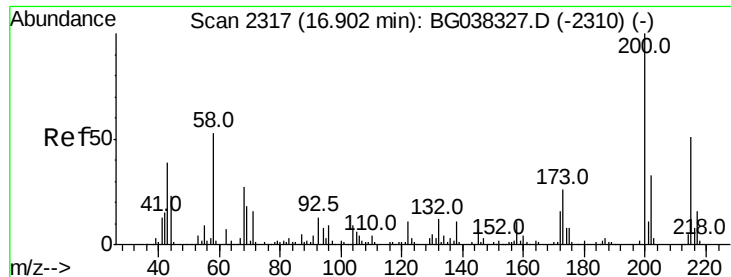
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#68
 Hexachlorobenzene
 Concen: 28.456 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG038473.D
 Acq: 11 Dec 2018 17:20

Tgt Ion:	284	Resp:	80995
Ion Ratio	Lower	Upper	
284	100		
142	30.3	28.1	42.1
249	33.0	29.8	44.8





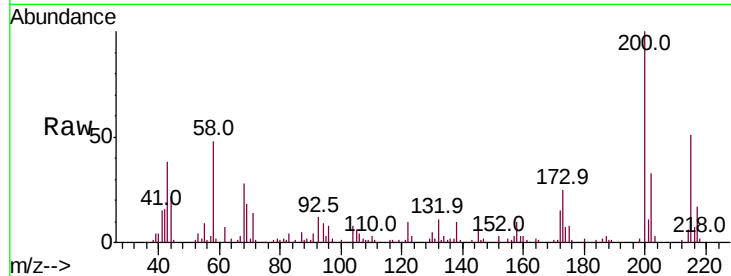
#69
Atrazine
Concen: 28.998 ng
RT: 16.89 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115480BS

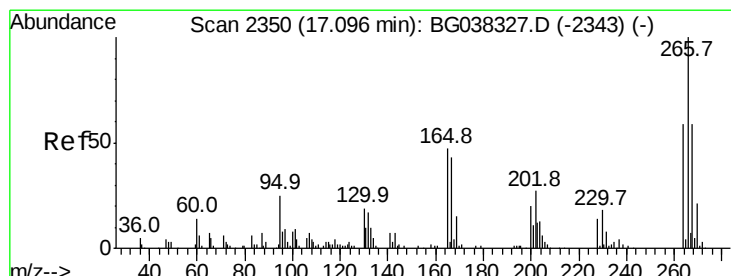
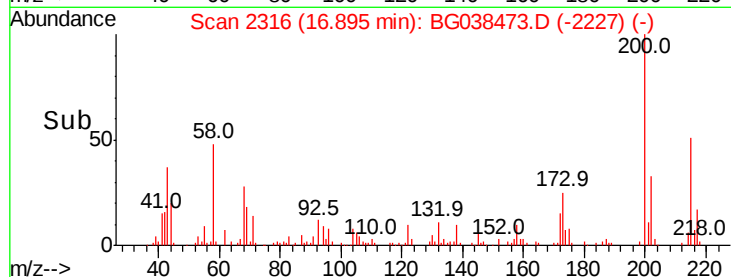
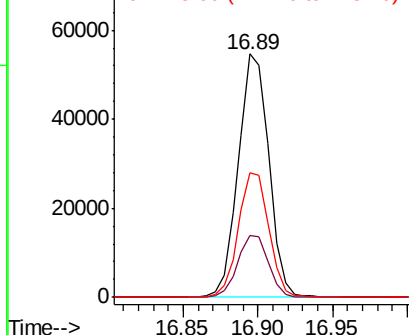
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	6.1	46.1
215	51.3	30.8	70.8

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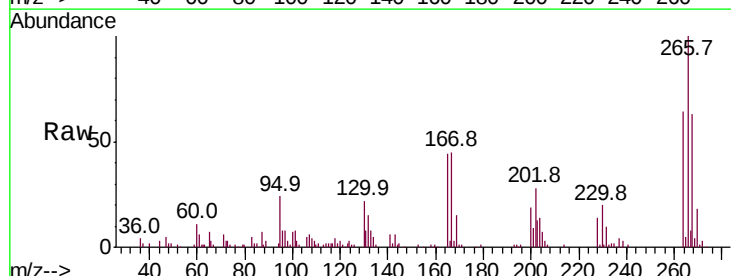


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

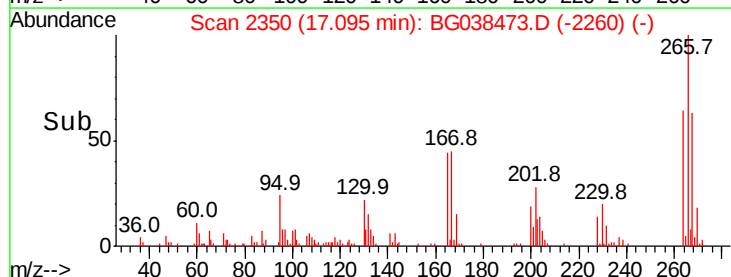
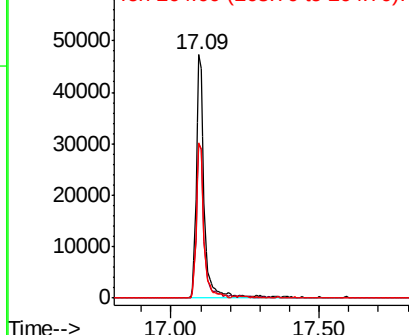


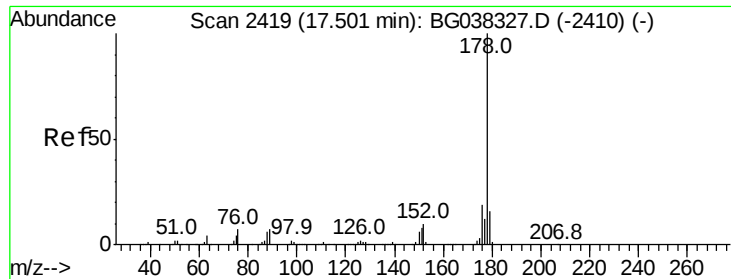
#70
Pentachlorophenol
Concen: 45.762 ng m
RT: 17.09 min Scan# 2350
Delta R.T. -0.00 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	55.0	82.6
264	64.0	58.9	88.3



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: 34.487 ng

RT: 17.49 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA_G

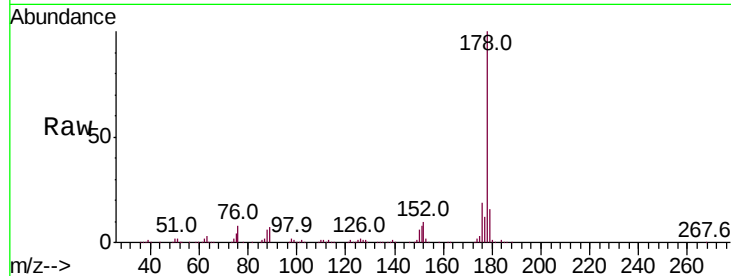
ClientSampleId :

PB115480BS

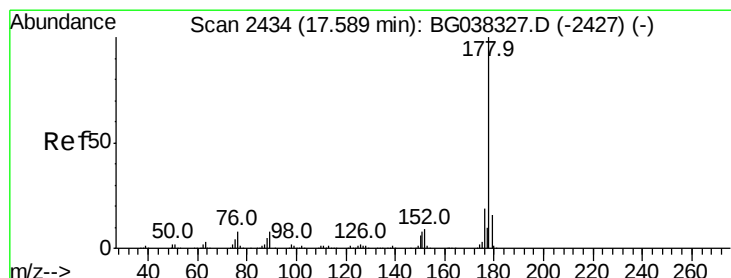
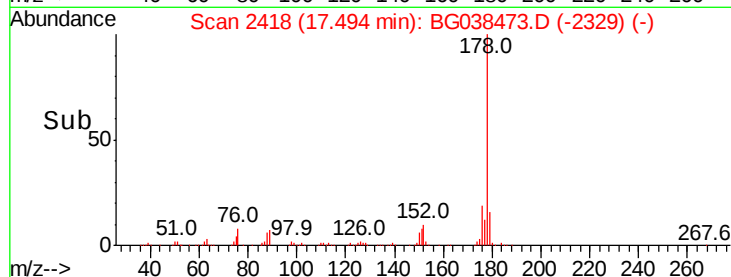
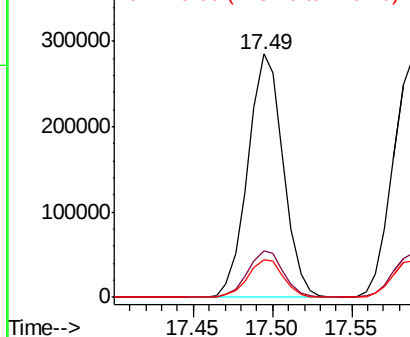
Tot Ion:178	Resp:	441319
Ion Ratio	Lower	Upper
178	100	
176	19.1	16.1 24.1
179	15.6	13.0 19.4

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 34.765 ng

RT: 17.59 min Scan# 2434

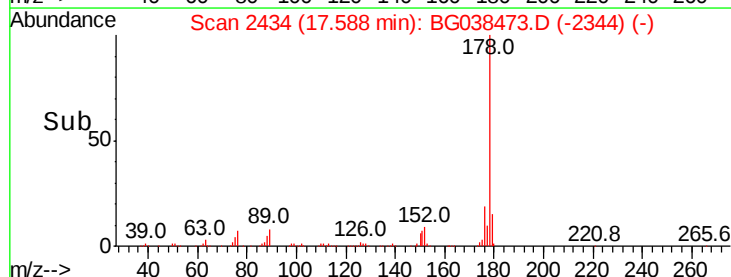
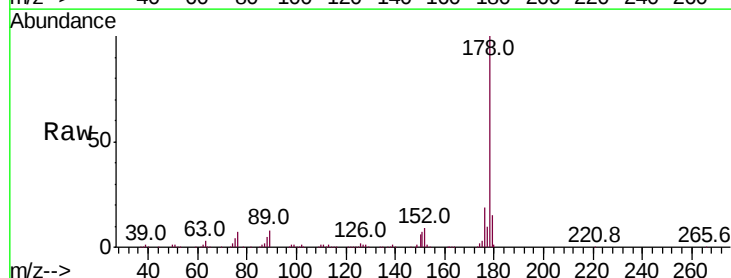
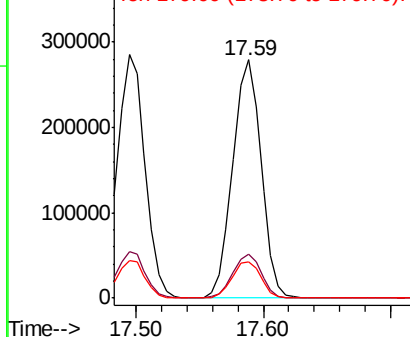
Delta R.T. -0.00 min

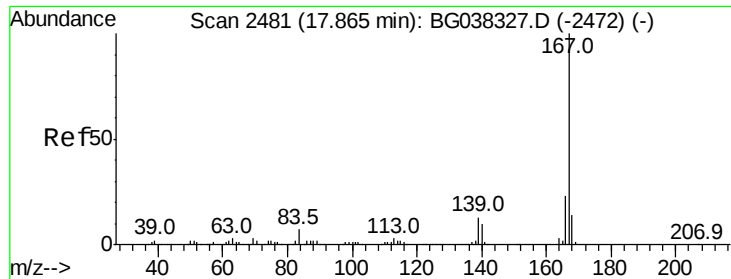
Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Tgt Ion:178	Resp:	430829
Ion Ratio	Lower	Upper
178	100	
176	18.5	15.0 22.4
179	15.3	12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





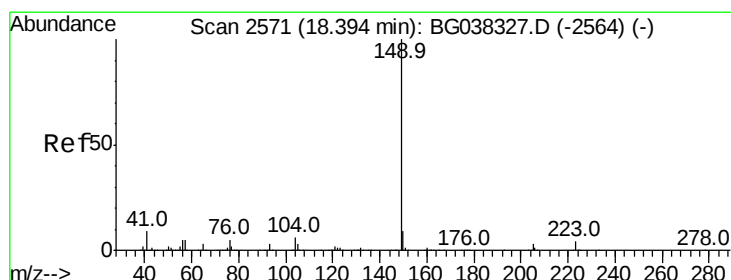
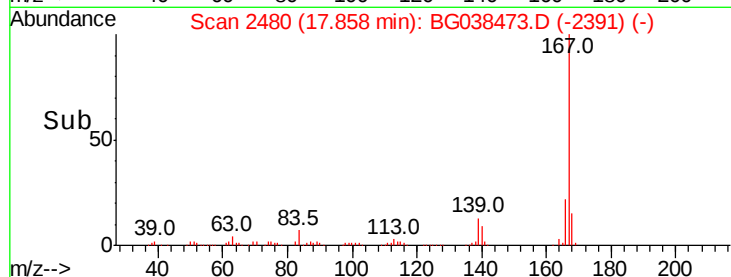
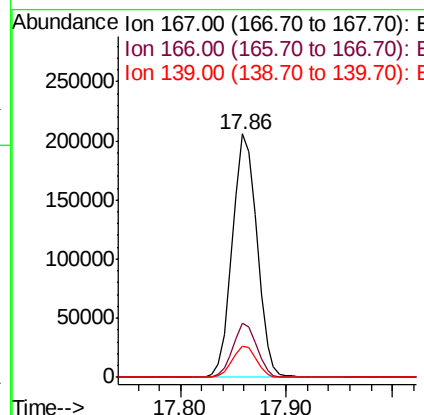
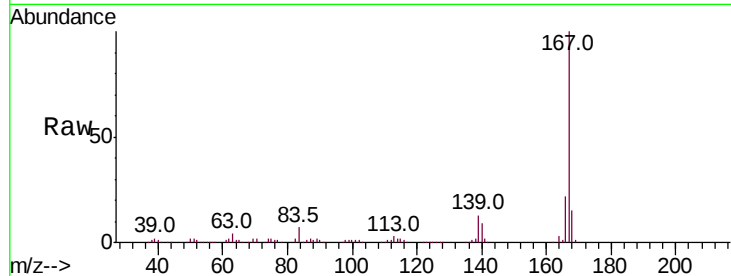
#73
 Carbazole
 Concen: 27.008 ng
 RT: 17.86 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BG038473.D
 Acq: 11 Dec 2018 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PB115480BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.3	27.5
139	12.8	10.5	15.7

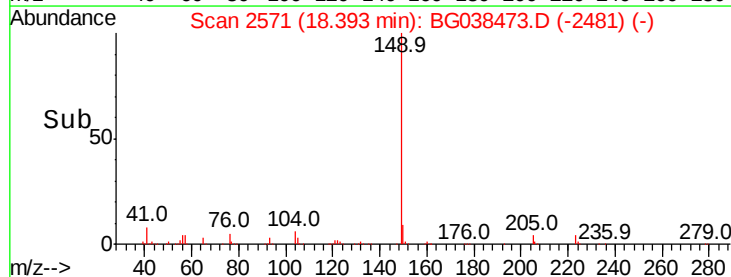
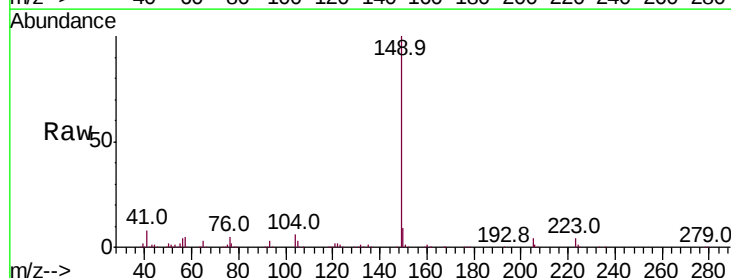
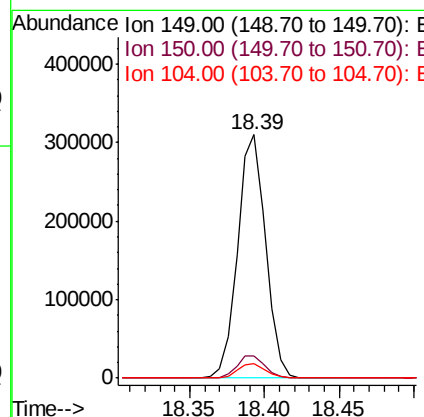
Manual Integrations
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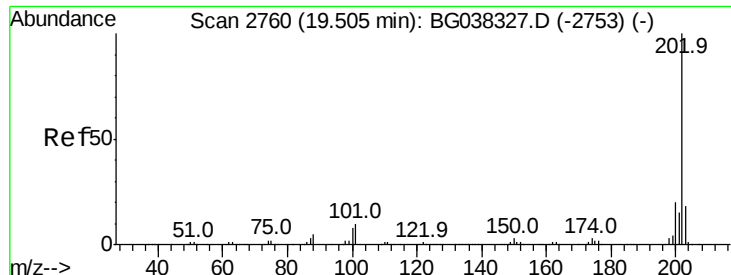
Sohil
 12/12/2018 6:25:38 PM



#74
 Di-n-butylphthalate
 Concen: 28.219 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: BG038473.D
 Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.2	12.2
104	5.8	4.0	6.0





#75

Fluoranthene

Concen: 29.938 ng

RT: 19.50 min Scan# 2760

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA_G

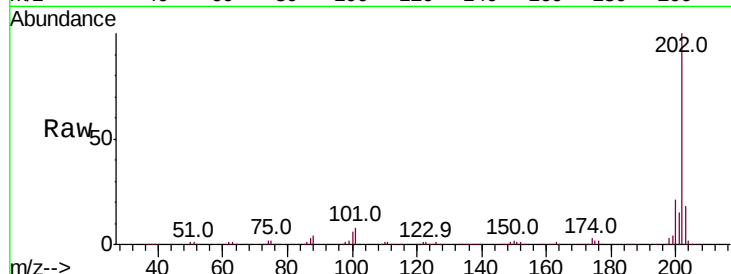
ClientSampleId :

PB115480BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	447613		
101	8.2	0.0	30.7	
203	17.6	0.0	38.5	

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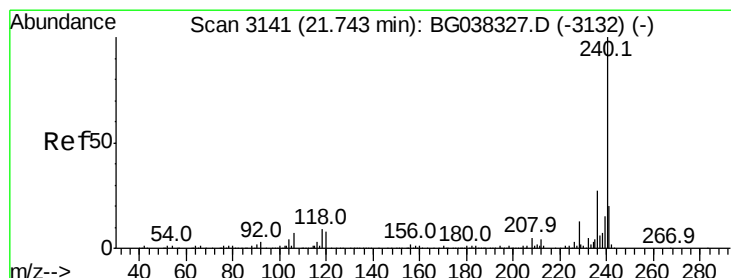
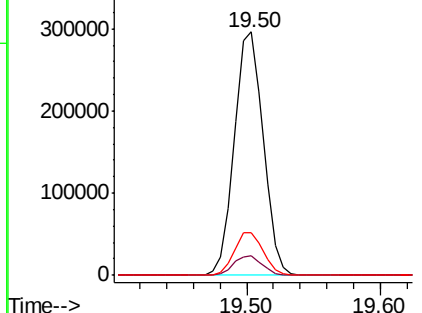
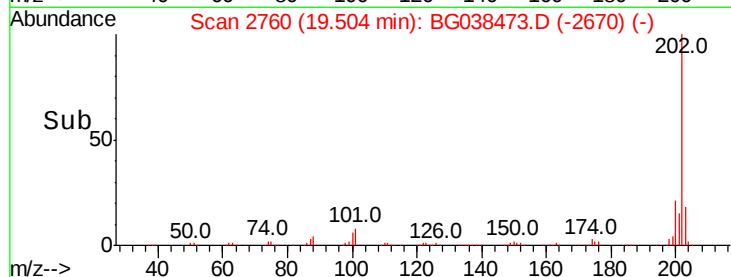
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

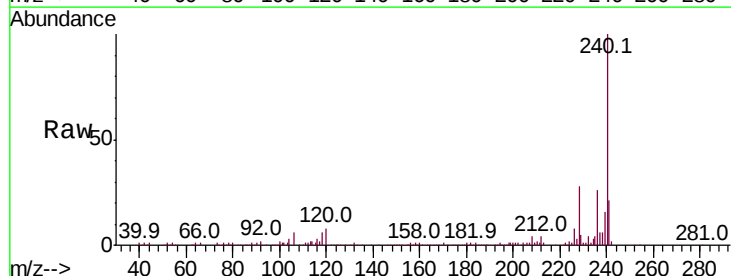
RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

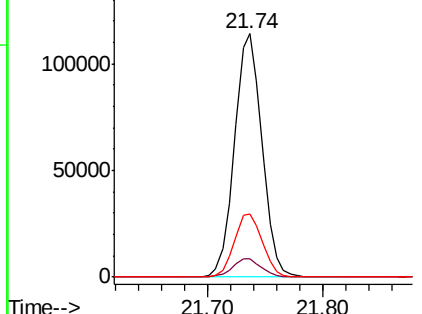
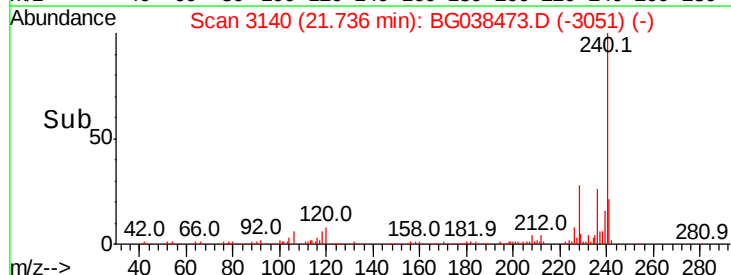
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	187745		
120	7.7	8.1	12.1#	
236	26.1	21.4	32.0	

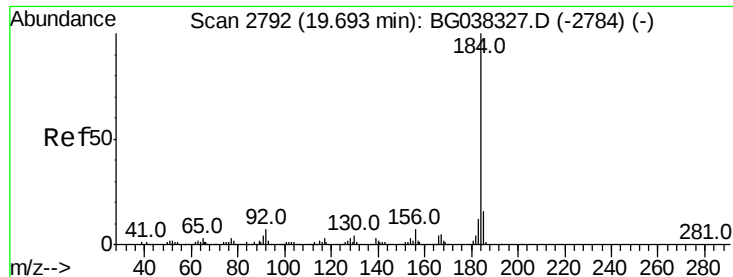


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.767 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA_G

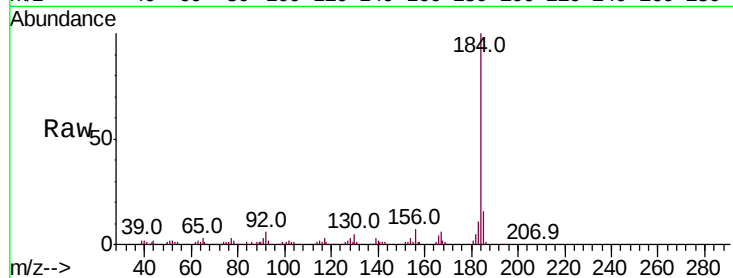
ClientSampleId :

PB115480BS

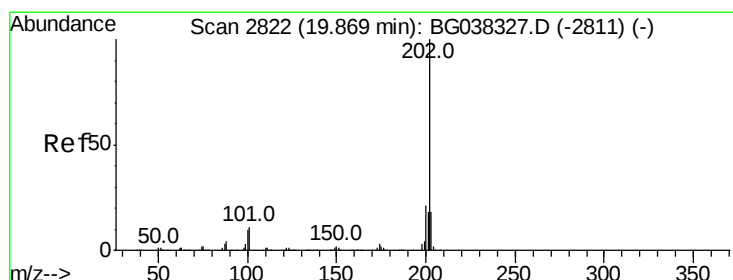
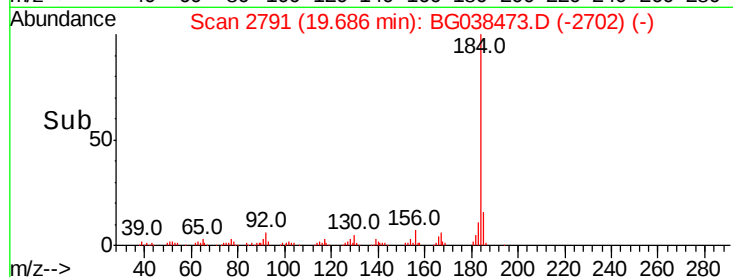
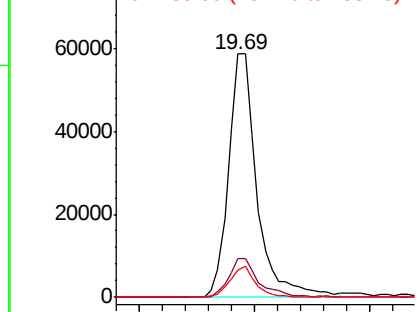
Tot Ion:	184	Resp:	99891
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.6	18.8
183	11.3	10.2	15.2

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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: 33.810 ng

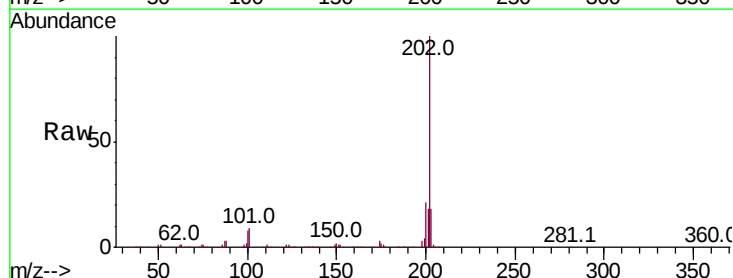
RT: 19.87 min Scan# 2822

Delta R.T. -0.00 min

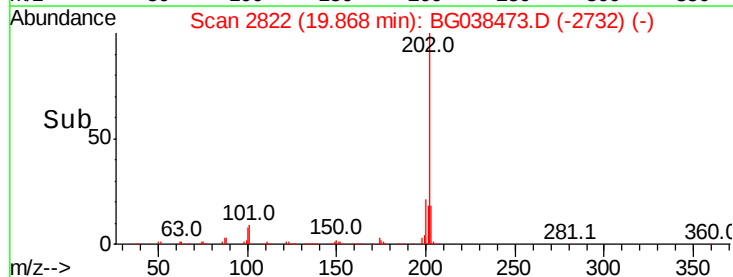
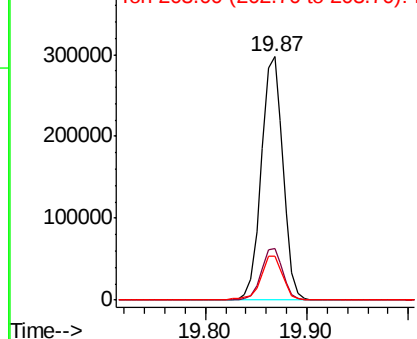
Lab File: BG038473.D

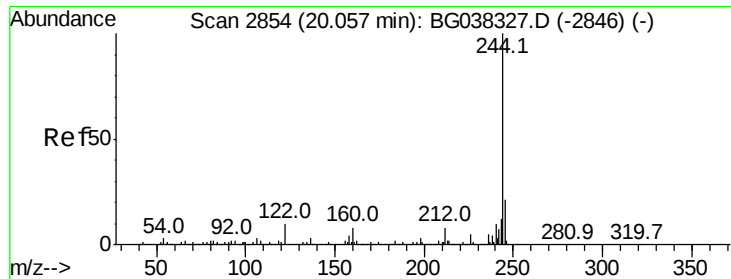
Acq: 11 Dec 2018 17:20

Tgt Ion:	202	Resp:	444135
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.8	26.6
203	17.8	15.2	22.8



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: 73.647 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA_G

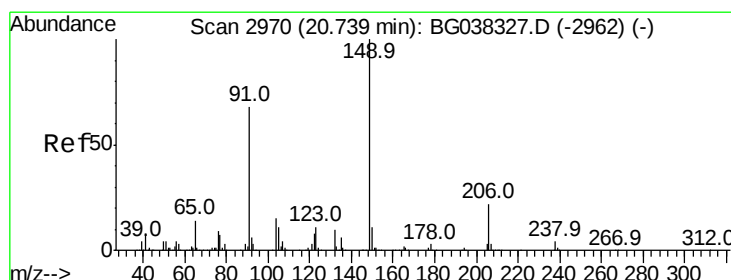
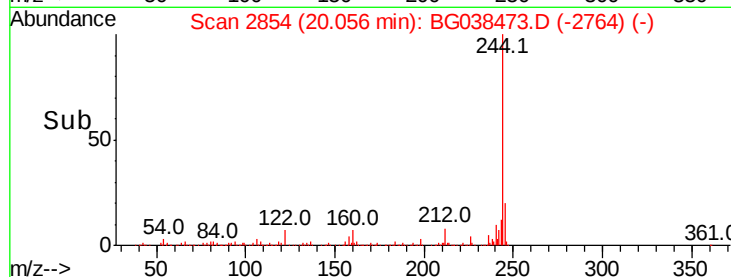
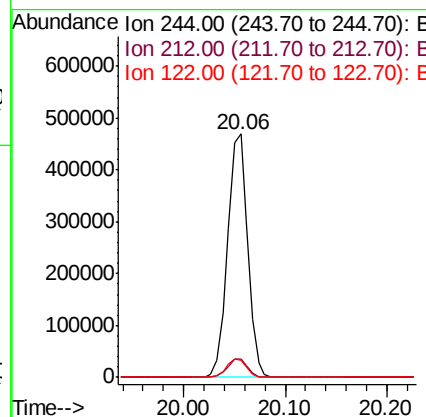
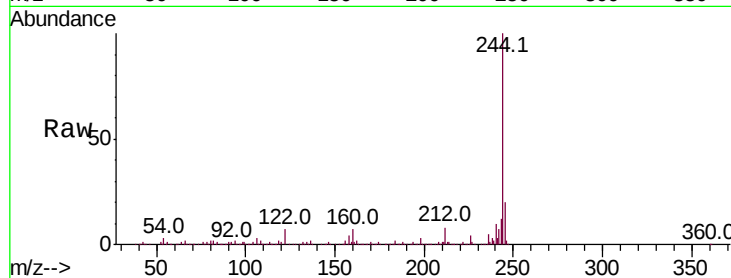
ClientSampleId :

PB115480BS

Tot Ion:	244	Resp:	645437
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.5	9.7
122	7.1	9.0	13.4

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#80

Butylbenzylphthalate

Concen: 33.678 ng

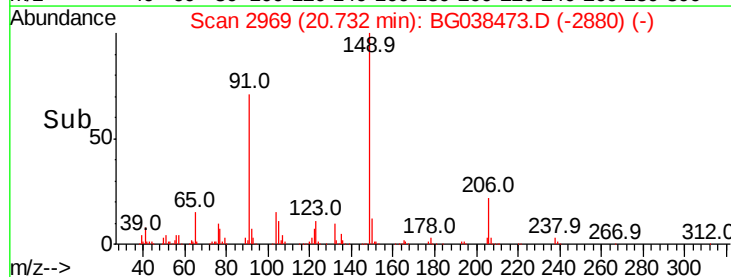
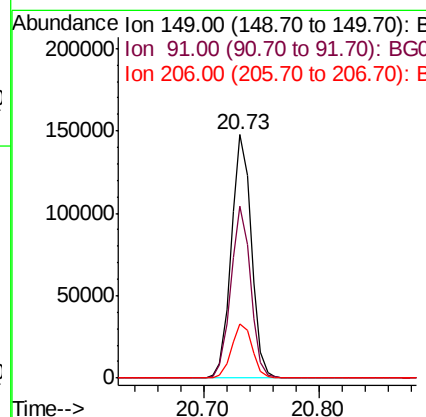
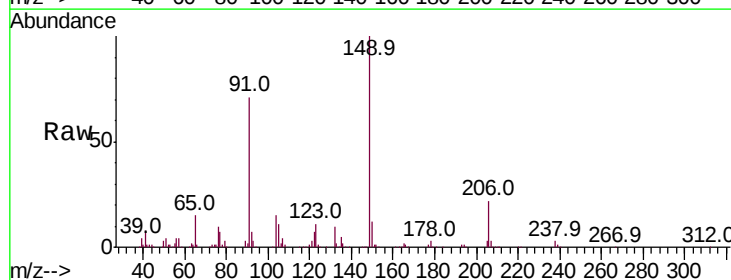
RT: 20.73 min Scan# 2969

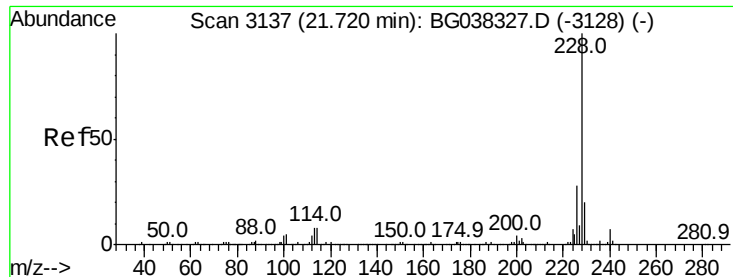
Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Tgt Ion:	149	Resp:	177937
Ion Ratio	Lower	Upper	
149	100		
91	70.6	57.0	85.4
206	22.0	17.8	26.6





#81

Benzo(a)anthracene

Concen: 36.428 ng

RT: 21.71 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Instrument :

BNA_G

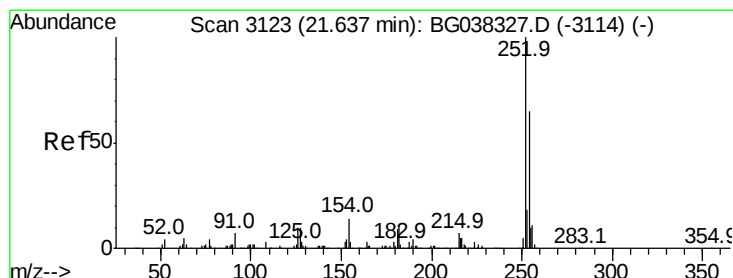
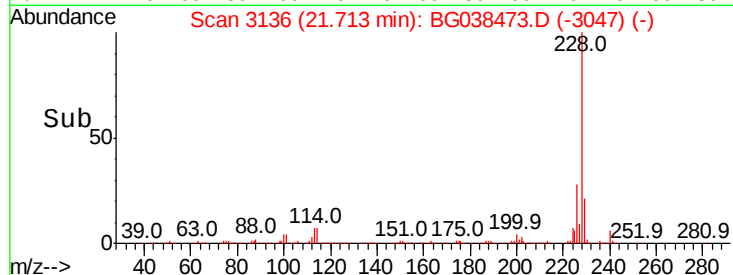
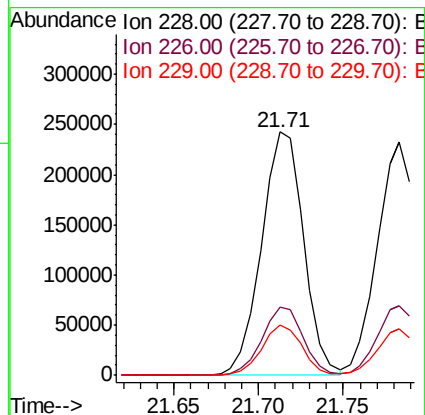
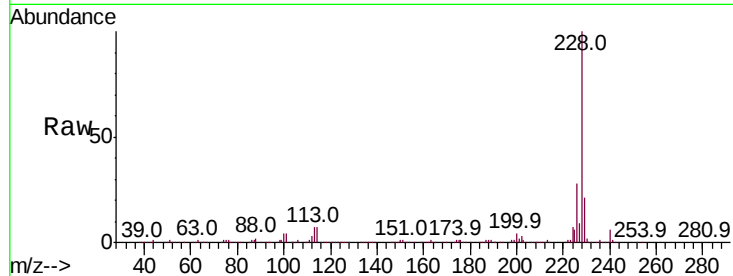
ClientSampleId :

PB115480BS

Tot Ion:	228	Resp:	420345
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	33.8
229	20.9	16.3	24.5

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 22.541 ng

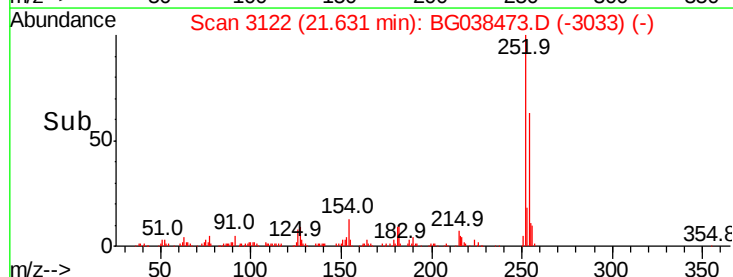
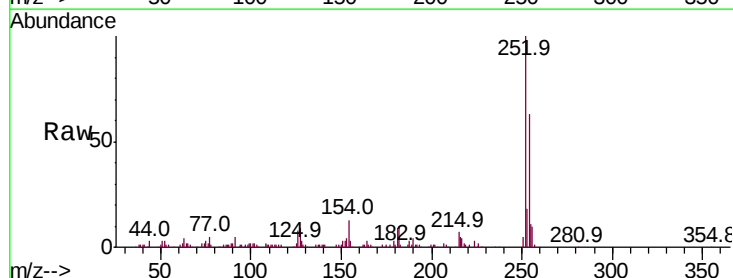
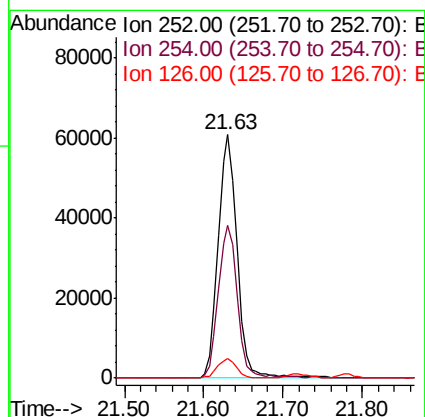
RT: 21.63 min Scan# 3122

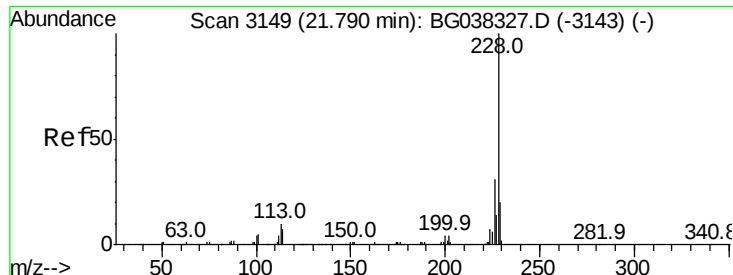
Delta R.T. -0.01 min

Lab File: BG038473.D

Acq: 11 Dec 2018 17:20

Tgt Ion:	252	Resp:	101182
Ion Ratio	Lower	Upper	
252	100		
254	62.6	52.0	78.0
126	8.1	8.2	12.4#





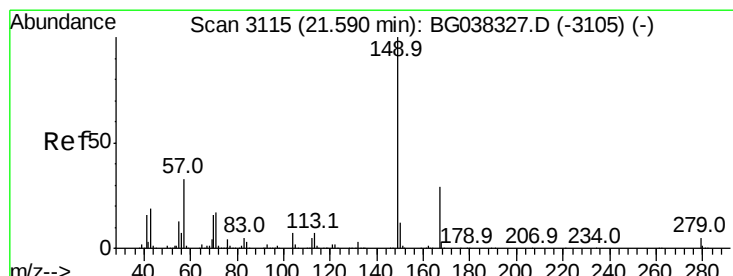
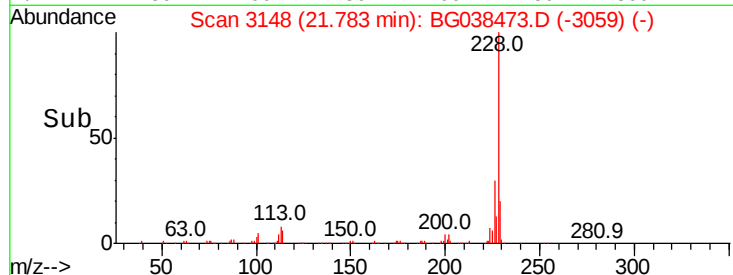
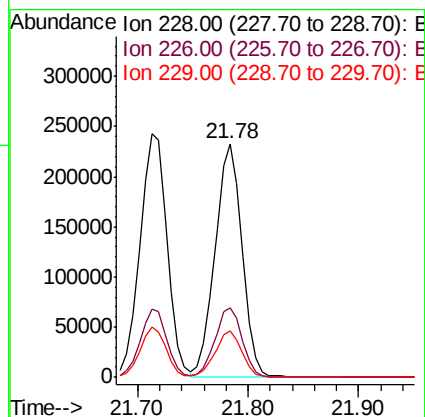
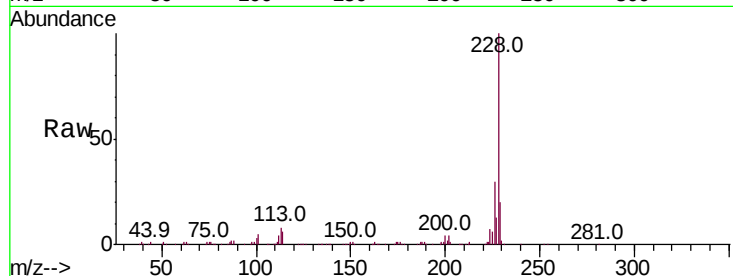
#83
Chrysene
Concen: 35.876 ng
RT: 21.78 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115480BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.7	38.5
229	19.9	16.5	24.7

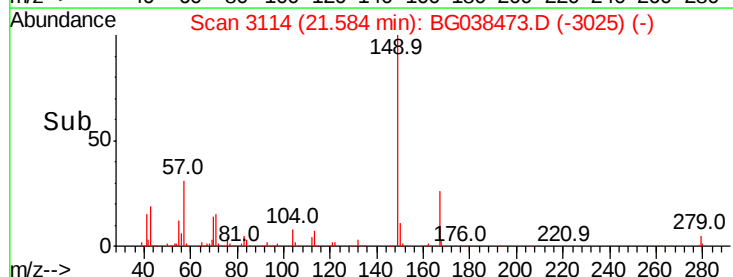
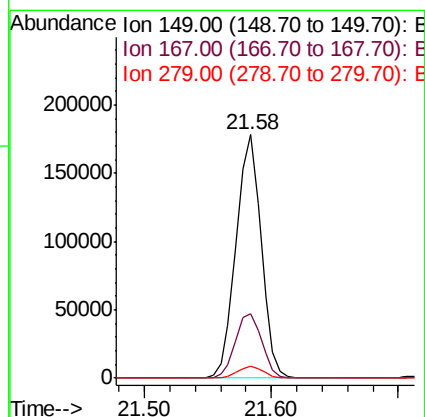
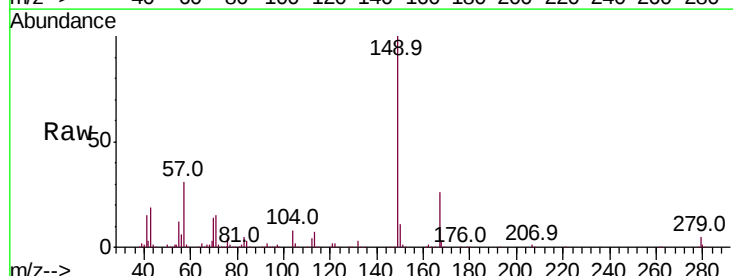
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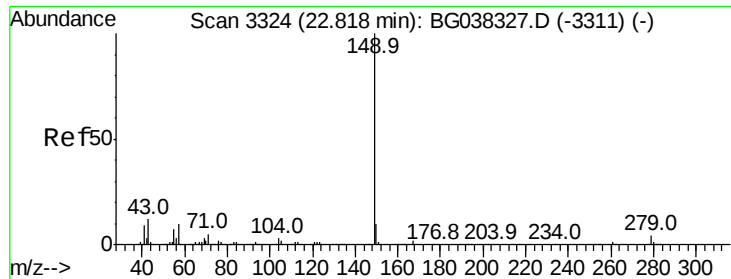
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#84
Bis(2-ethylhexyl)phthalate
Concen: 32.537 ng
RT: 21.58 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	23.0	34.4
279	4.8	3.6	5.4





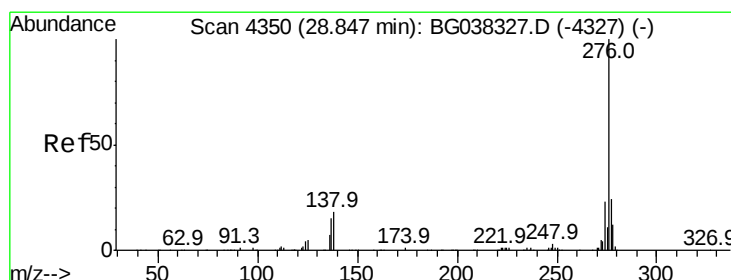
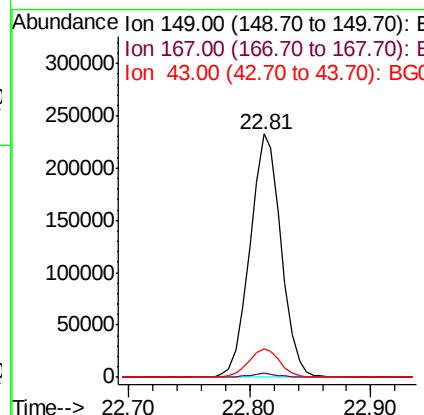
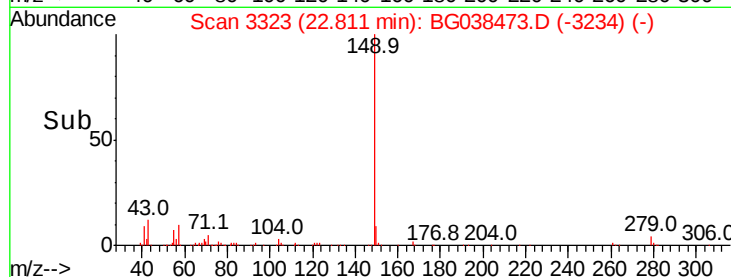
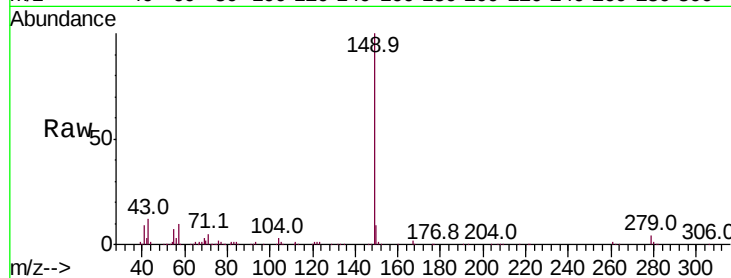
#85
Di-n-octyl phthalate
Concen: 32.450 ng
RT: 22.81 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115480BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.3	1.9	
43	12.1	8.7	13.1	

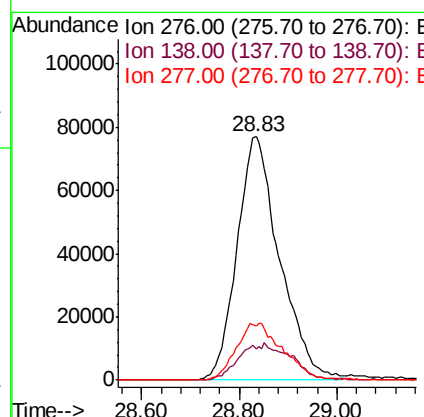
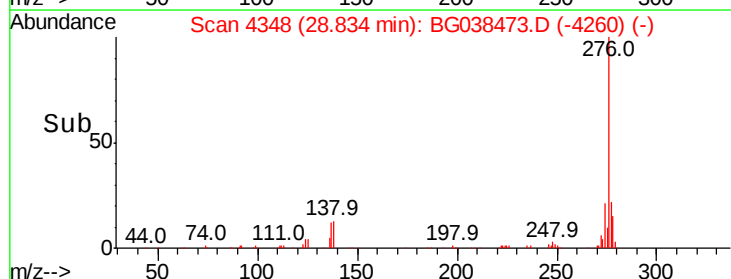
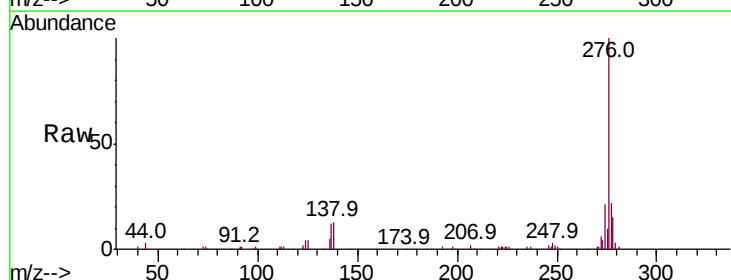
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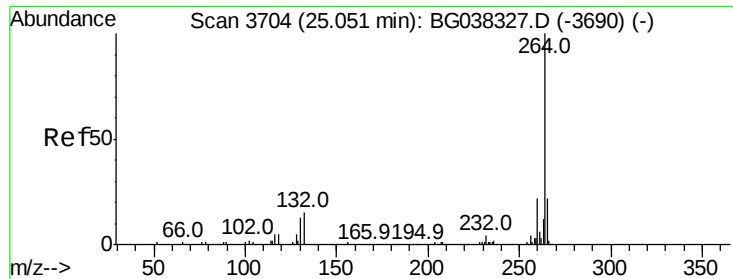
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.591 ng
RT: 28.83 min Scan# 4348
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	6.8	12.0	18.0#	
277	25.3	20.6	30.8	





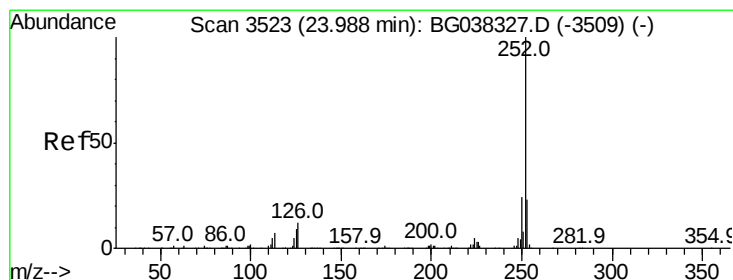
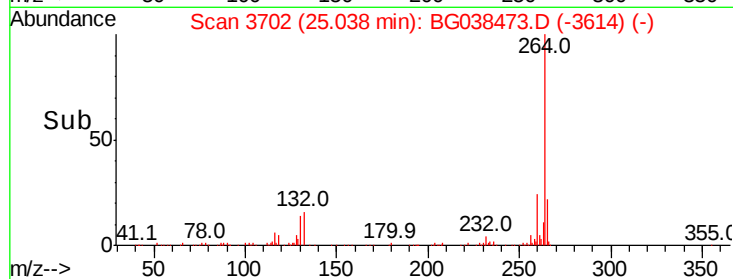
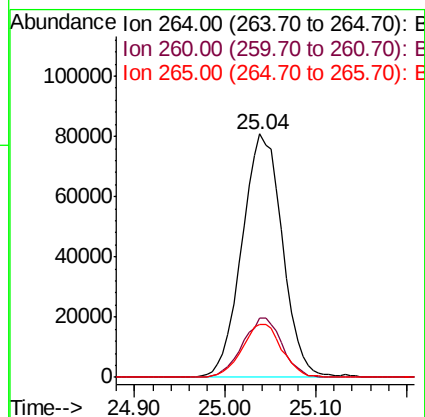
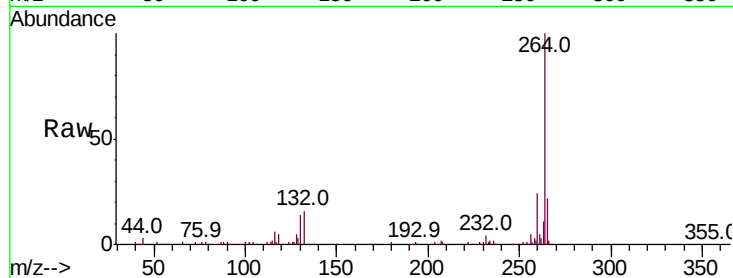
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115480BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	22.0	17.9	26.9

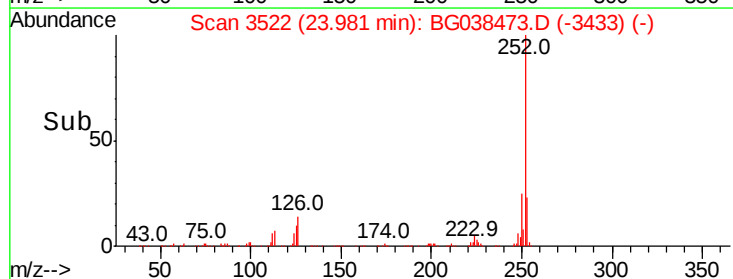
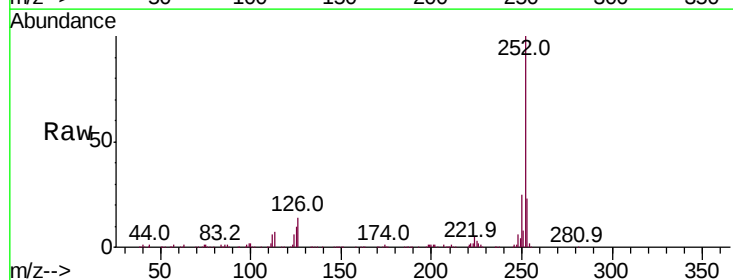
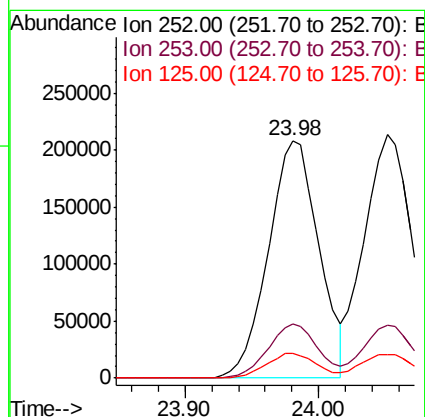
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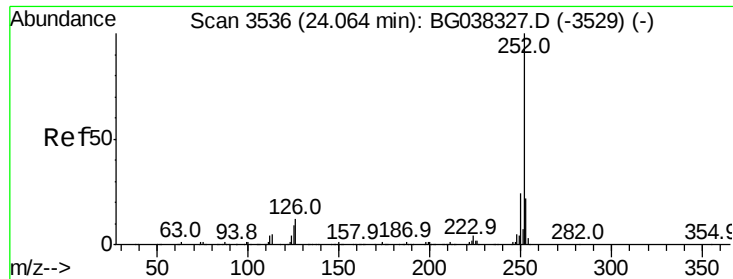
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#88
Benzo(b)fluoranthene
Concen: 38.708 ng
RT: 23.98 min Scan# 3522
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	10.2	7.8	11.6





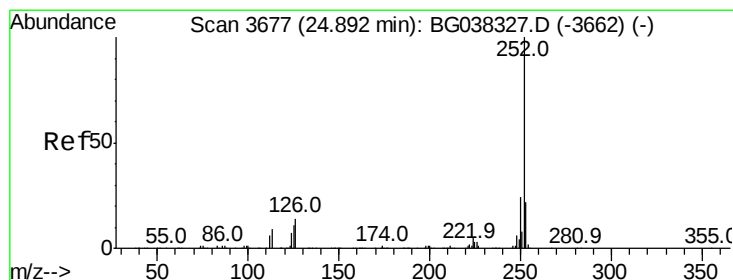
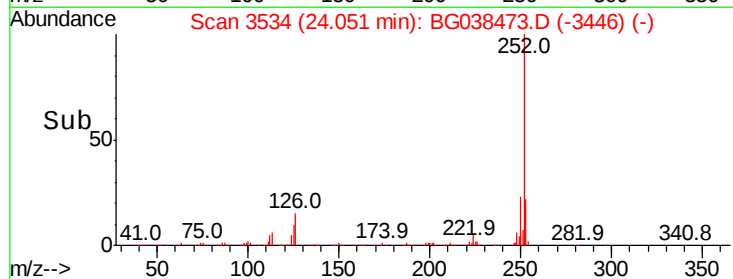
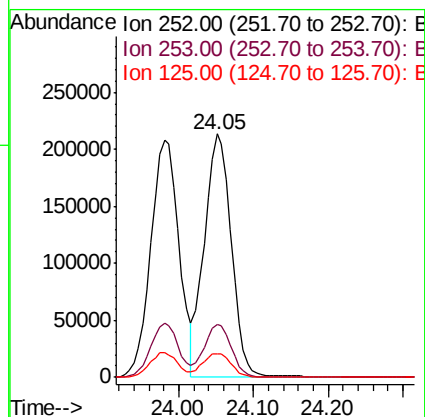
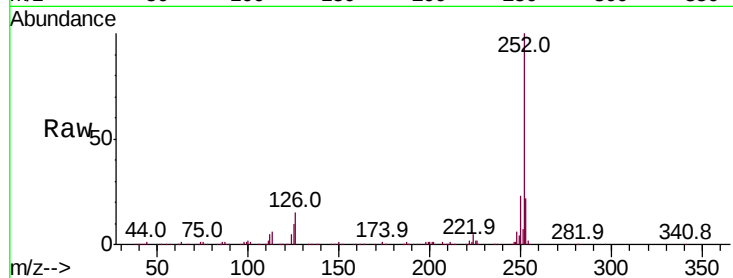
#89
Benzo(k)fluoranthene
Concen: 38.115 ng
RT: 24.05 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115480BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	9.7	7.4	11.0

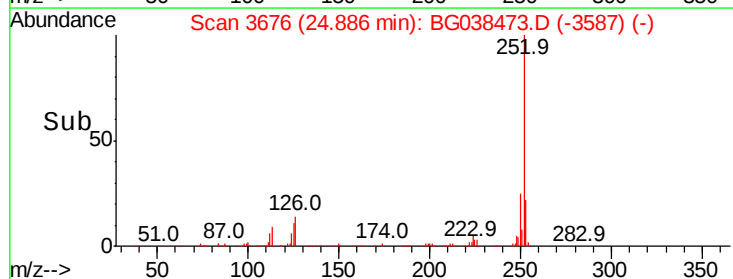
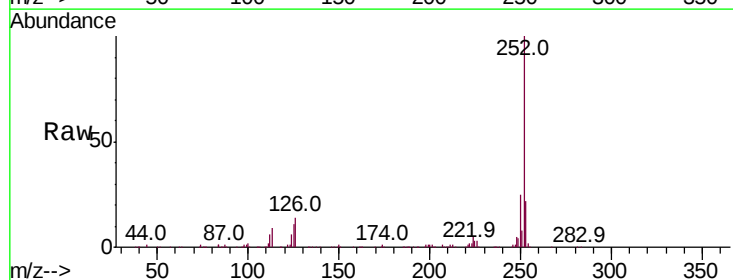
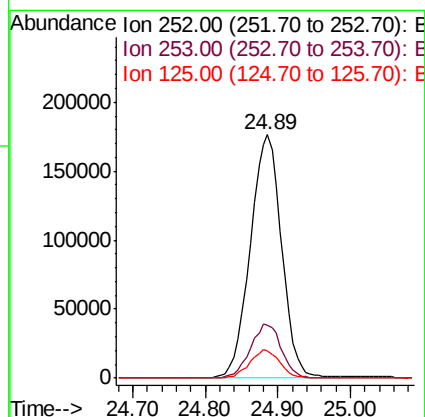
Manual Integrations
APPROVED

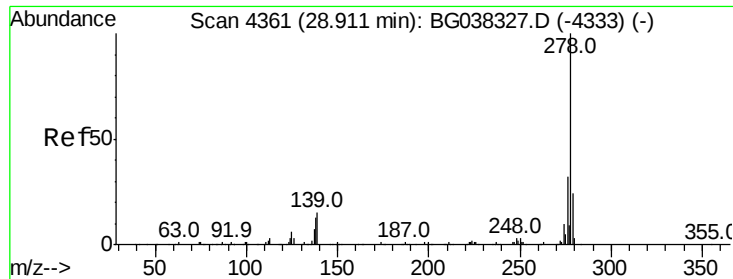
Sohil
12/12/2018 6:25:38 PM



#90
Benzo(a)pyrene
Concen: 38.529 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	11.4	9.0	13.6





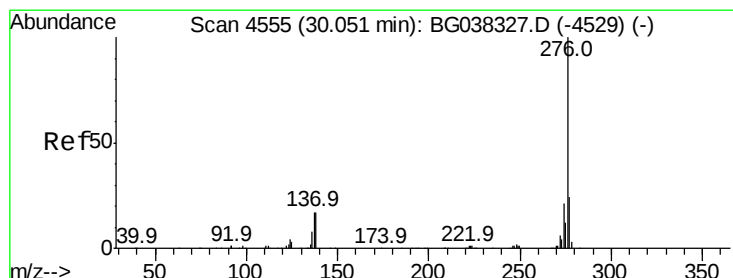
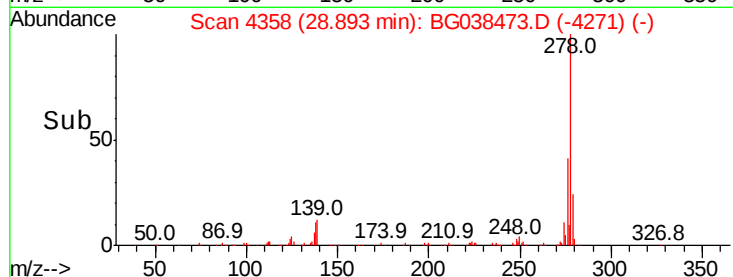
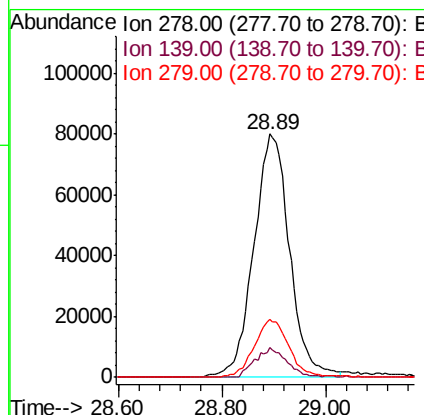
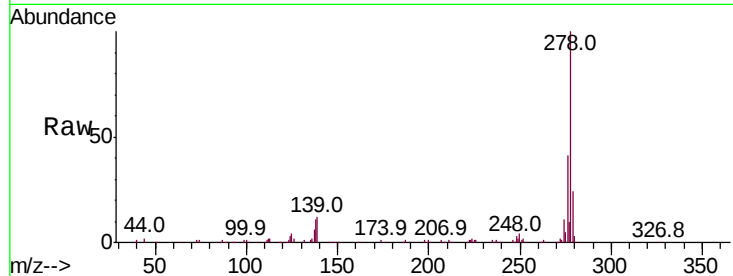
#91
Dibenzo(a,h)anthracene
Concen: 29.554 ng
RT: 28.89 min Scan# 4358
Delta R.T. -0.02 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Instrument :
BNA_G
ClientSampleId :
PB115480BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.0	11.5	17.3
279	23.9	18.6	27.8

Manual Integrations
APPROVED

Sohil
12/12/2018 6:25:38 PM



#92
Benzo(g,h,i)perylene
Concen: 29.669 ng
RT: 30.03 min Scan# 4551
Delta R.T. -0.02 min
Lab File: BG038473.D
Acq: 11 Dec 2018 17:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	16.6	17.2	25.8#

