

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
 Data File : BG038583.D
 Acq On : 15 Dec 2018 1:03
 Operator : JU/SJ
 Sample : PB115631BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

Manual Integrations
 APPROVED

Sohil
 12/17/2018 4:11:54 PM

Quant Time: Dec 15 04:20:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24154	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	92474	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	58538	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	146658	20.00	ng	0.00
76) Chrysene-d12	21.72	240	158376	20.00	ng	0.00
87) Perylene-d12	25.02	264	174107	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	165701	121.68	ng	0.00
7) Phenol-d6	7.21	99	215367	115.20	ng	0.00
23) Nitrobenzene-d5	9.24	82	126753	70.02	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	93824	116.30	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	288221	67.55	ng	0.00
79) Terphenyl-d14	20.04	244	617296	84.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	24460	38.592	ng	96
3) Pyridine	3.89	79	65977	37.809	ng	95
4) n-Nitrosodimethylamine	3.82	42	38823	45.406	ng	# 91
6) Aniline	7.38	93	83925	35.166	ng	99
8) 2-Chlorophenol	7.62	128	68041	43.175	ng	96
9) Benzaldehyde	7.20	77	23579	19.442	ng	94
10) Phenol	7.24	94	86067	43.333	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	59167	37.416	ng	98
12) 1,3-Dichlorobenzene	7.95	146	71684	38.470	ng	99
13) 1,4-Dichlorobenzene	8.09	146	72185	37.825	ng	99
14) 1,2-Dichlorobenzene	8.42	146	68716	38.194	ng	92
15) Benzyl Alcohol	8.30	79	61703	42.285	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	135483	37.402	ng	97
17) 2-Methylphenol	8.50	107	57907	43.516	ng	98
18) Hexachloroethane	9.14	117	26377	37.825	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	48683	37.076	ng	97
20) 3+4-Methylphenols	8.83	107	78206	42.555	ng	97
22) Acetophenone	8.89	105	96505	41.781	ng	# 99
24) Nitrobenzene	9.28	77	76305	41.670	ng	96
25) Isophorone	9.79	82	135499	41.663	ng	100
26) 2-Nitrophenol	9.99	139	36504	38.949	ng	94
27) 2,4-Dimethylphenol	10.03	122	66087	49.201	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	78255	42.637	ng	97
29) 2,4-Dichlorophenol	10.52	162	68348	45.739	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	72490	40.161	ng	99
31) Naphthalene	10.93	128	199756	43.842	ng	98
32) Benzoic acid	10.18	122	28545m	36.537	ng	
33) 4-Chloroaniline	11.04	127	46992	23.756	ng	96
34) Hexachlorobutadiene	11.19	225	48629	39.816	ng	96
35) Caprolactam	11.82	113	22559	36.479	ng	99
36) 4-Chloro-3-methylphenol	12.15	107	69674	40.859	ng	95
37) 2-Methylnaphthalene	12.53	142	145752	44.840	ng	99
38) 1-Methylnaphthalene	12.75	142	138300	43.846	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	84634	38.679	ng	98

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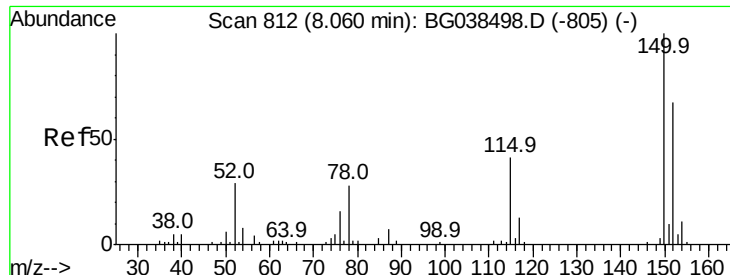
Manual Integrations
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 12/17/2018 4:11:54 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	116536	96.940	nq	90
43) 2,4,6-Trichlorophenol	13.13	196	58258	43.302	nq	96
44) 2,4,5-Trichlorophenol	13.21	196	63077	44.281	nq	96
46) 1,1'-Biphenyl	13.53	154	189913	38.700	nq	98
47) 2-Chloronaphthalene	13.58	162	151977	40.092	nq	97
48) 2-Nitroaniline	13.79	65	52077	43.131	nq	91
49) Acenaphthylene	14.42	152	245621	43.343	nq	98
50) Dimethylphthalate	14.15	163	199732	41.781	nq	99
51) 2,6-Dinitrotoluene	14.28	165	45272	41.790	nq	97
52) Acenaphthene	14.76	154	139952	41.301	nq	98
53) 3-Nitroaniline	14.62	138	32144	29.108	nq	89
54) 2,4-Dinitrophenol	14.82	184	48149	75.042	nq	95
55) Dibenzofuran	15.10	168	235911	40.614	nq	97
56) 4-Nitrophenol	14.92	139	72432	86.459	nq	94
57) 2,4-Dinitrotoluene	15.06	165	64142	42.038	nq	# 96
58) Fluorene	15.74	166	189918	44.131	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	56960	44.445	nq	98
60) Diethylphthalate	15.50	149	207383	39.518	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	106269	39.577	nq	100
62) 4-Nitroaniline	15.78	138	49006	43.105	nq	96
63) Azobenzene	16.02	77	177408	40.467	nq	98
65) 4,6-Dinitro-2-methylphenol	15.83	198	40347	38.566	nq	91
66) n-Nitrosodiphenylamine	15.95	169	171396	39.775	nq	99
67) 4-Bromophenyl-phenylether	16.62	248	71004	39.642	nq	94
68) Hexachlorobenzene	16.74	284	73042	39.340	nq	97
69) Atrazine	16.89	200	72490	45.330	nq	97
70) Pentachlorophenol	17.09	266	80349	73.164	nq	99
71) Phenanthrene	17.49	178	334685	44.008	nq	99
72) Anthracene	17.58	178	342354	45.599	nq	100
73) Carbazole	17.85	167	315428	42.481	nq	100
74) Di-n-butylphthalate	18.38	149	380357	44.643	nq	99
75) Fluoranthene	19.49	202	436665	46.406	nq	99
77) Benzidine	19.68	184	226346	48.325	nq	99
78) Pyrene	19.86	202	433950	41.476	nq	99
80) Butylbenzylphthalate	20.72	149	175559	42.948	nq	97
81) Benzo(a)anthracene	21.70	228	430709	44.630	nq	99
82) 3,3'-Dichlorobenzidine	21.62	252	110978	28.995	nq	98
83) Chrysene	21.77	228	393023	42.281	nq	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	242405	41.812	nq	99
85) Di-n-octyl phthalate	22.79	149	417506	43.001	nq	98
86) Indeno(1,2,3-cd)pyrene	28.79	276	486201	44.490	nq	# 99
88) Benzo(b)fluoranthene	23.96	252	430082	44.992	nq	100
89) Benzo(k)fluoranthene	24.03	252	407078	42.765	nq	98
90) Benzo(a)pyrene	24.86	252	417281	45.248	nq	100
91) Dibenzo(a,h)anthracene	28.86	278	403011	43.890	nq	98
92) Benzo(g,h,i)perylene	29.99	276	397481	43.925	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

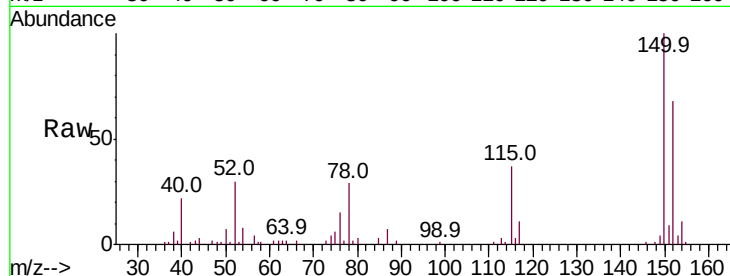
ClientSampleId :

PB115631BS

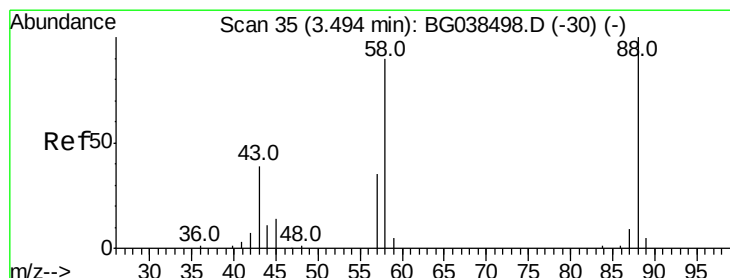
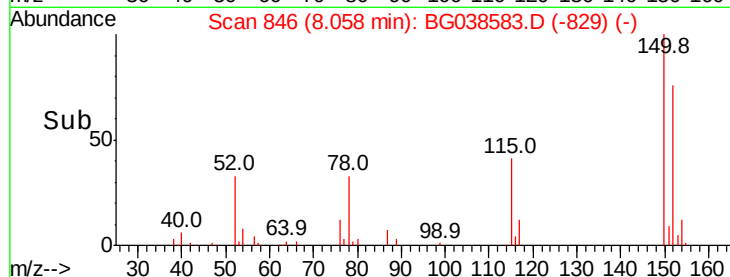
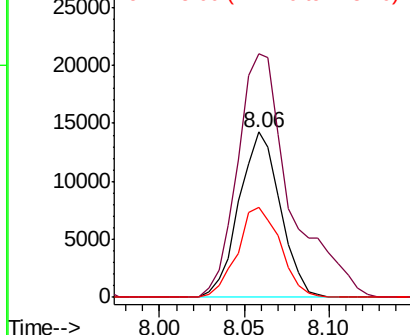
Tot Ion:	152	Resp:	24154
Ion Ratio	Lower	Upper	
152	100		
150	147.5	119.5	179.3
115	54.5	49.6	74.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.592 ng

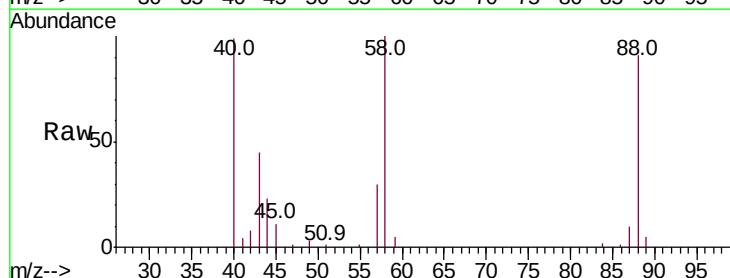
RT: 3.49 min Scan# 68

Delta R.T. -0.01 min

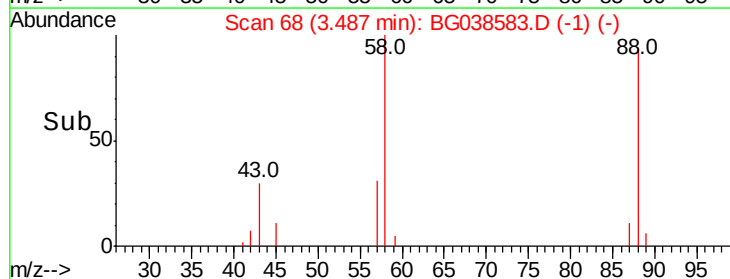
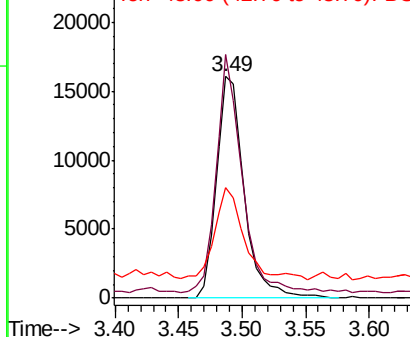
Lab File: BG038583.D

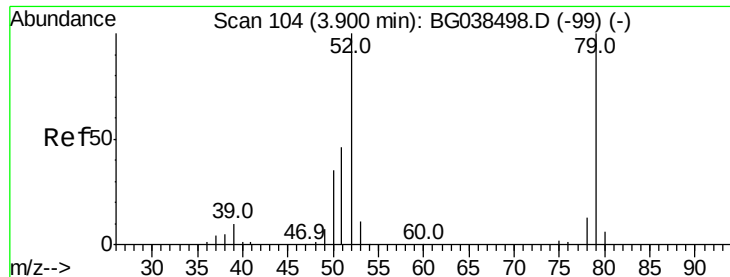
Acq: 15 Dec 2018 1:03

Tgt Ion:	88	Resp:	24460
Ion Ratio	Lower	Upper	
88	100		
58	99.8	75.7	113.5
43	39.8	31.6	47.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.809 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

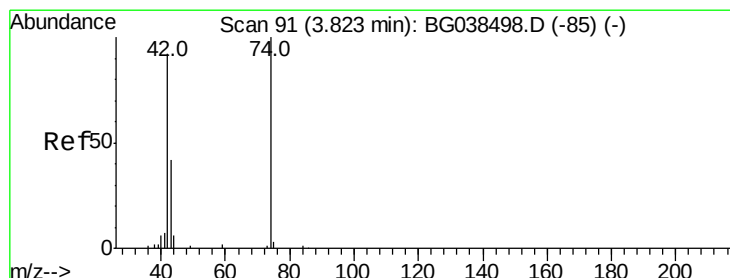
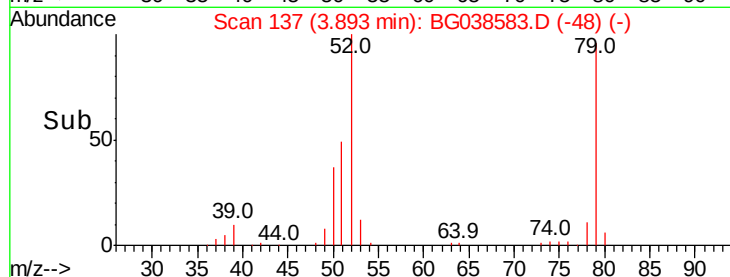
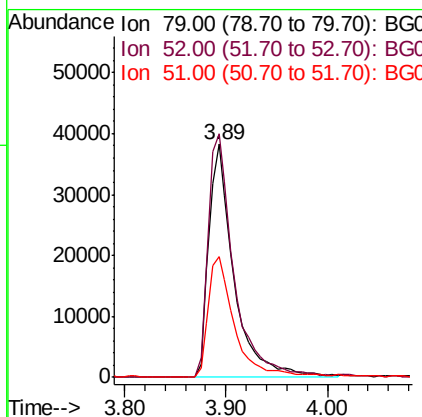
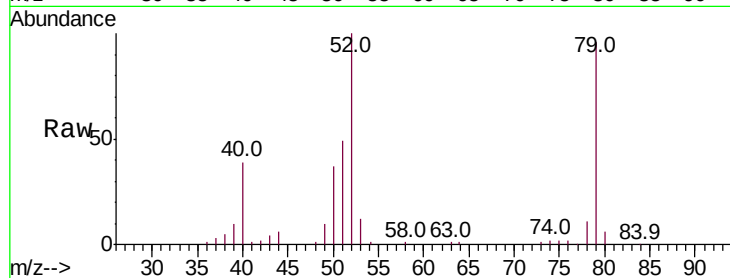
ClientSampled :

PB115631BS

Tot Ion:	79	Resp:	65977
Ion	Ratio	Lower	Upper
79	100		
52	104.5	80.2	120.2
51	51.6	38.0	57.0

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#4

n-Nitrosodimethylamine

Concen: 45.406 ng

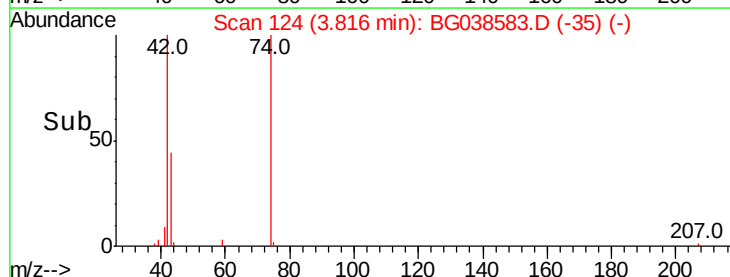
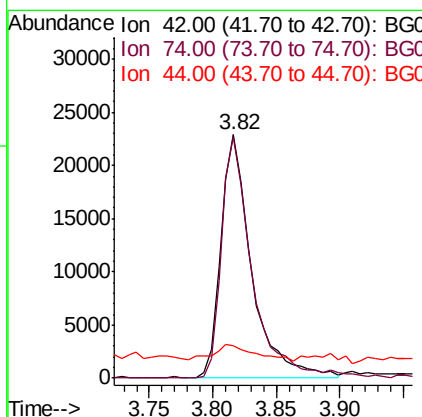
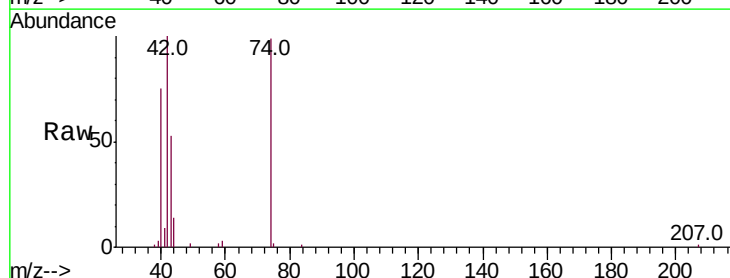
RT: 3.82 min Scan# 124

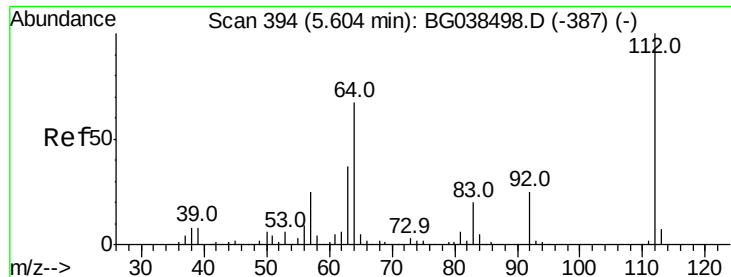
Delta R.T. -0.01 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Tgt Ion:	42	Resp:	38823
Ion	Ratio	Lower	Upper
42	100		
74	99.2	86.7	130.1
44	13.6	7.8	11.8#





#5

2-Fluorophenol

Concen: 121.676 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

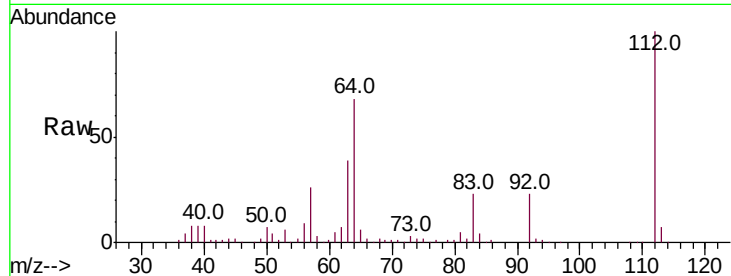
ClientSampleId :

PB115631BS

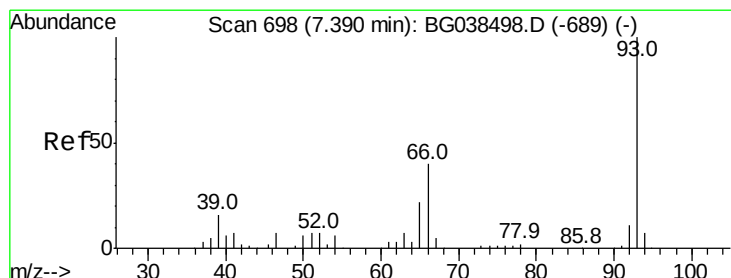
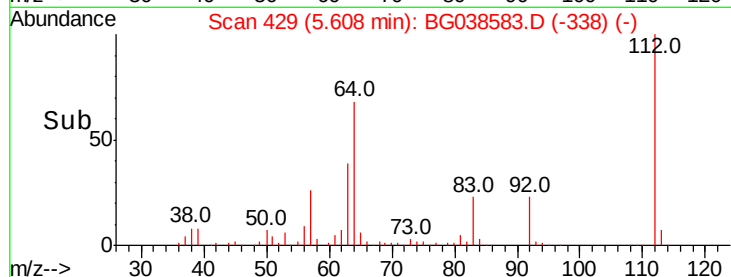
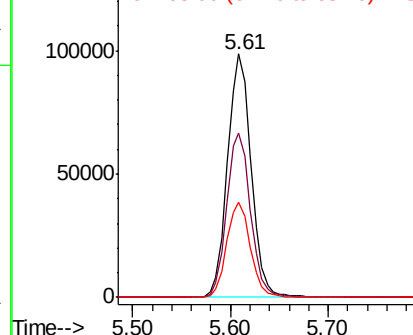
Tot Ion:	112	Resp:	165701
Ion Ratio	Lower	Upper	
112	100		
64	67.7	53.4	80.2
63	39.0	29.3	43.9

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: 35.166 ng

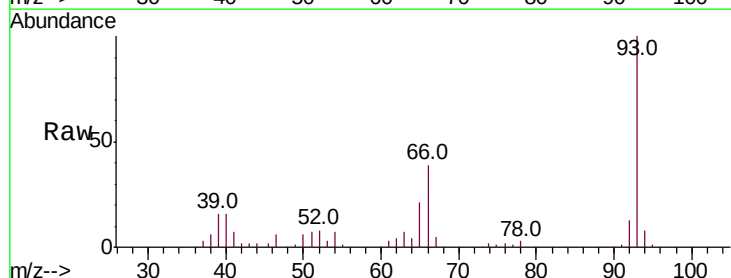
RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

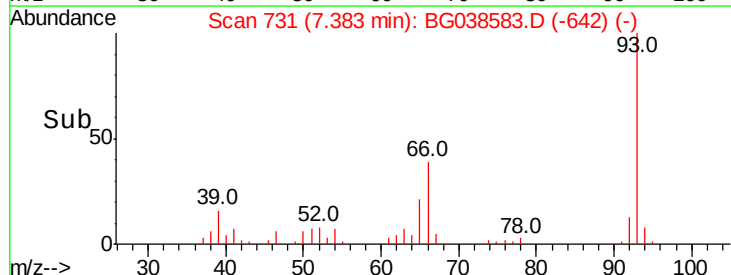
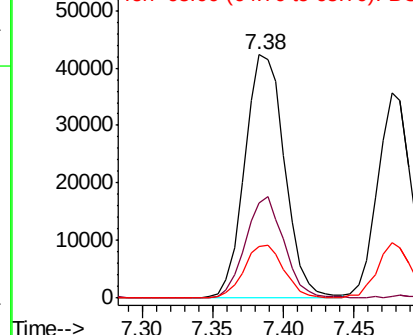
Lab File: BG038583.D

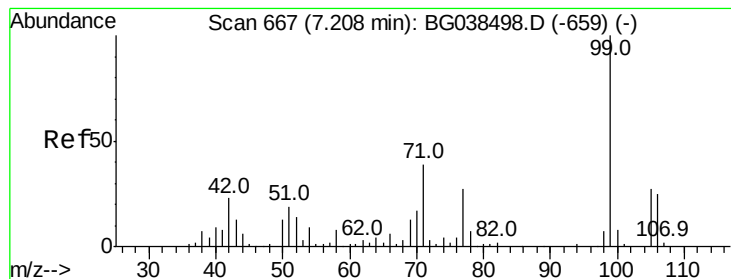
Acq: 15 Dec 2018 1:03

Tgt Ion:	93	Resp:	83925
Ion Ratio	Lower	Upper	
93	100		
66	39.2	31.7	47.5
65	21.5	17.8	26.6



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





#7

Phenol-d6

Concen: 115.199 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

ClientSampleId :

PB115631BS

Tot Ion: 99 Resp: 215367

Ion Ratio Lower Upper

99 100

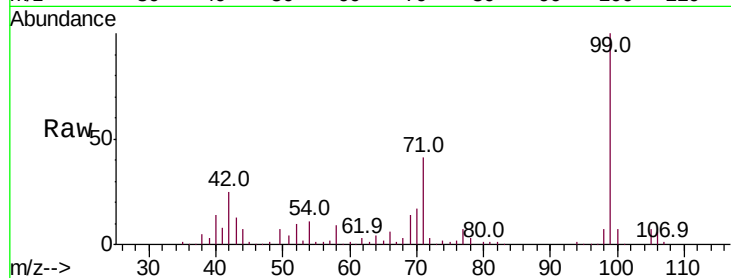
42 24.7 18.5 27.7

71 40.5 31.1 46.7

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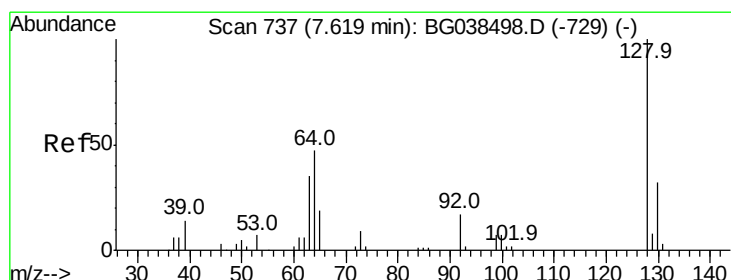
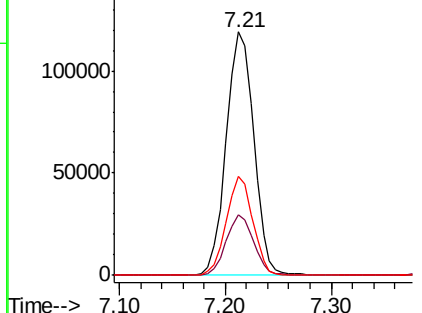
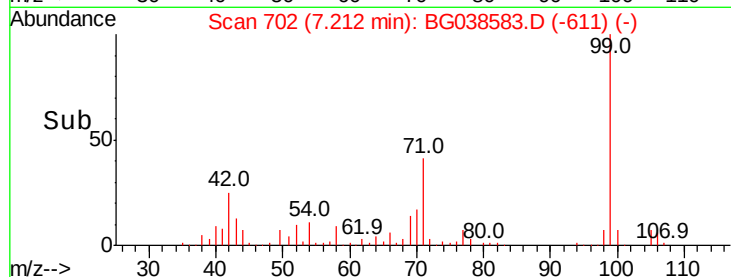
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.175 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

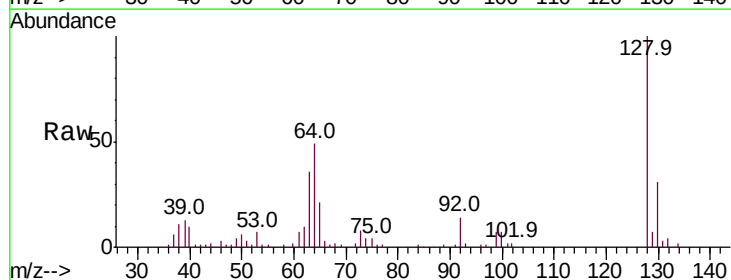
Tgt Ion: 128 Resp: 68041

Ion Ratio Lower Upper

128 100

130 31.1 11.8 51.8

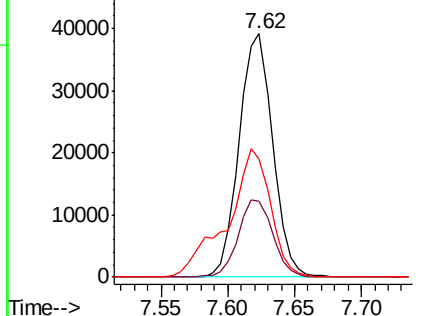
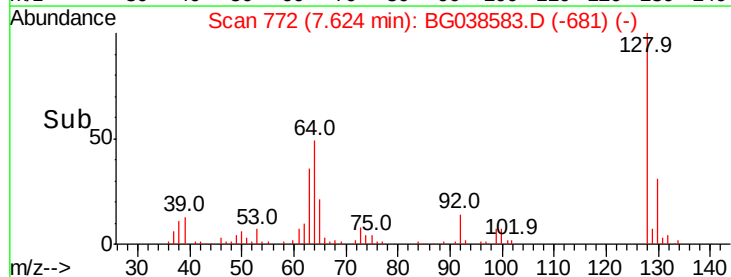
64 48.7 33.2 73.2

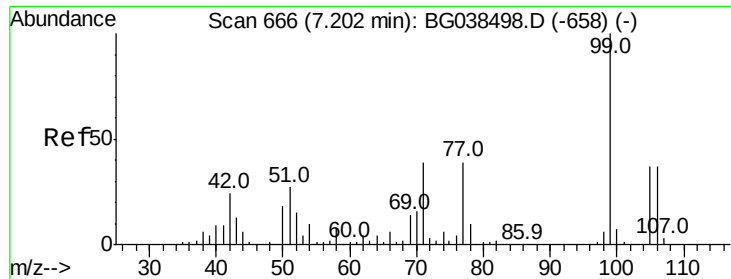


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 19.442 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

ClientSampleId :

PB115631BS

Tot Ion: 77 Resp: 23579

Ion Ratio Lower Upper

77 100

105 101.9 74.0 114.0

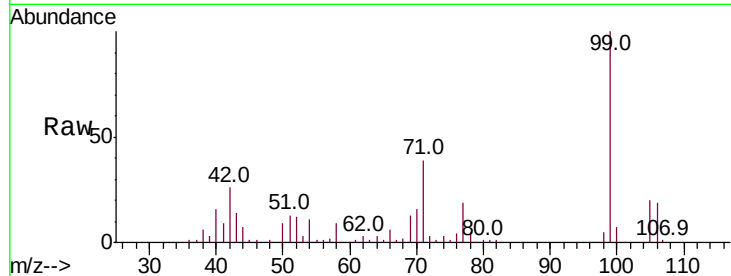
106 98.3 73.9 113.9

Manual Integrations

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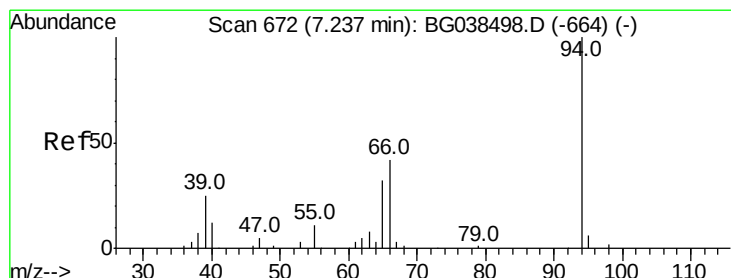
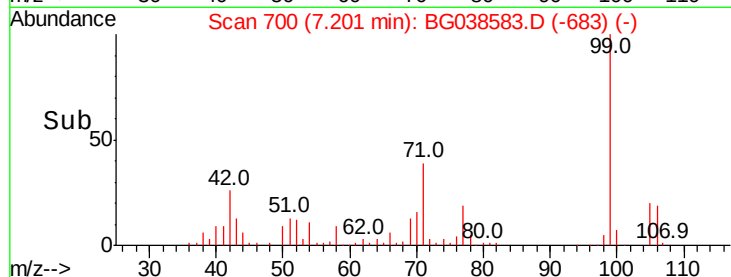
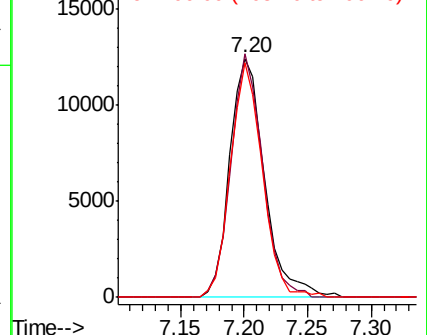
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.333 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

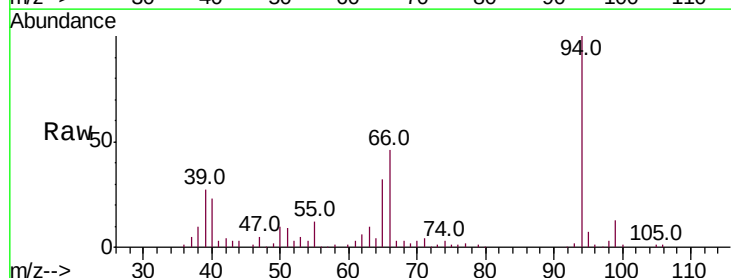
Tgt Ion: 94 Resp: 86067

Ion Ratio Lower Upper

94 100

65 32.0 12.6 52.6

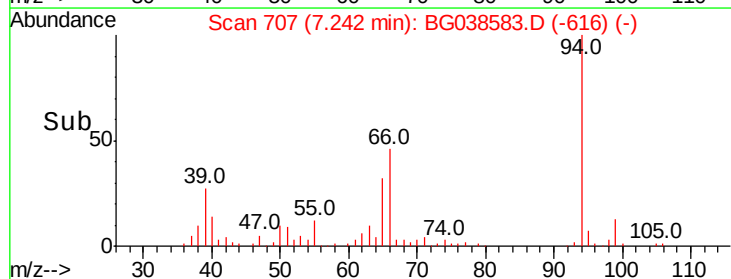
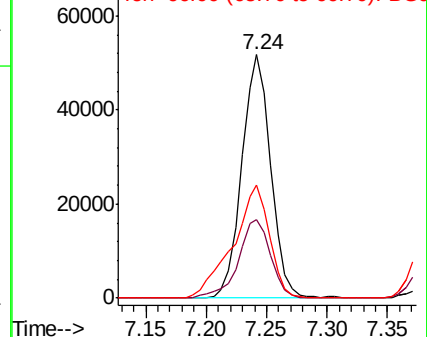
66 46.2 24.1 64.1

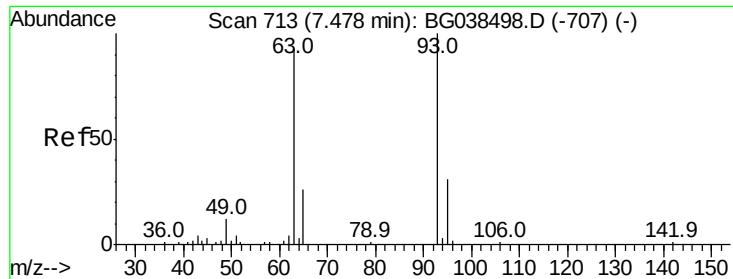


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 37.416 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

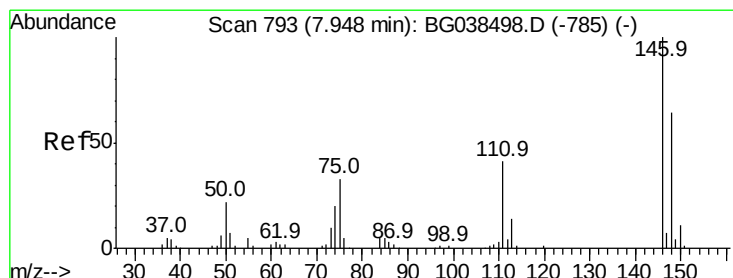
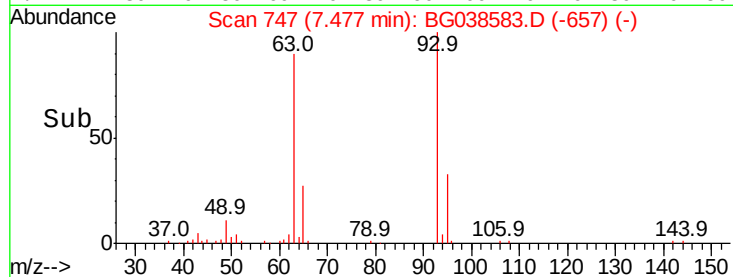
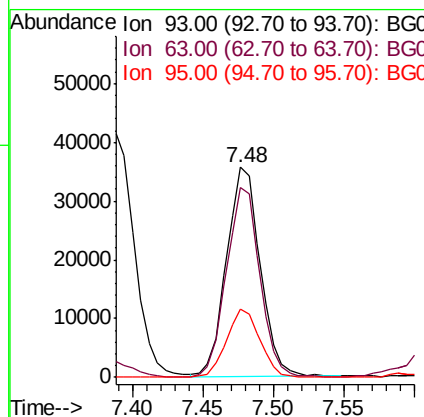
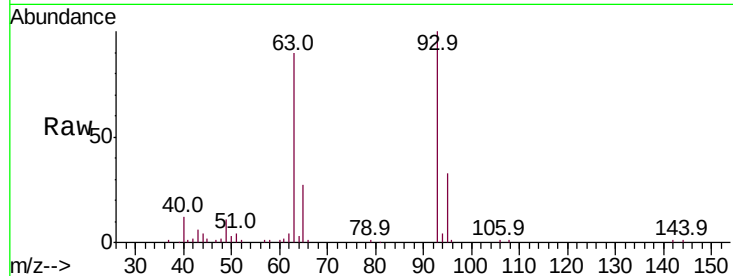
ClientSampleId :

PB115631BS

Tot Ion:	93	Resp:	59167
Ion	Ratio	Lower	Upper
93	100		
63	90.5	72.2	112.2
95	32.5	11.2	51.2

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#12

1,3-Dichlorobenzene

Concen: 38.470 ng

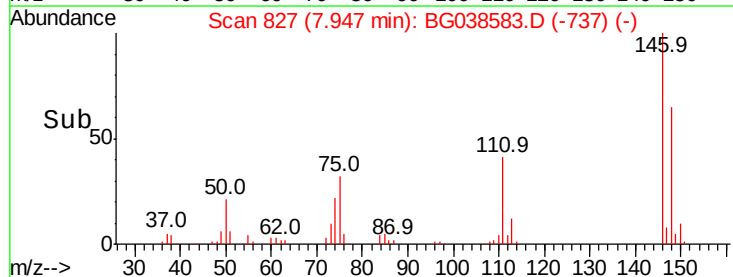
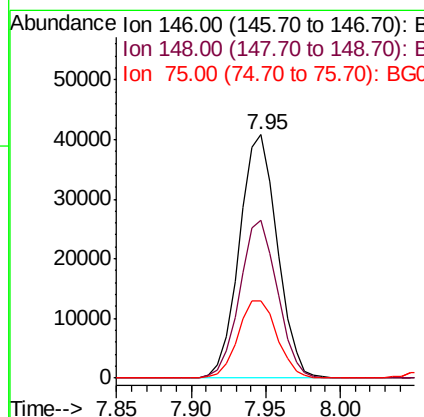
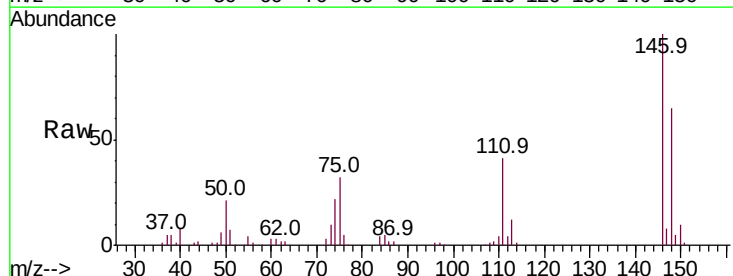
RT: 7.95 min Scan# 827

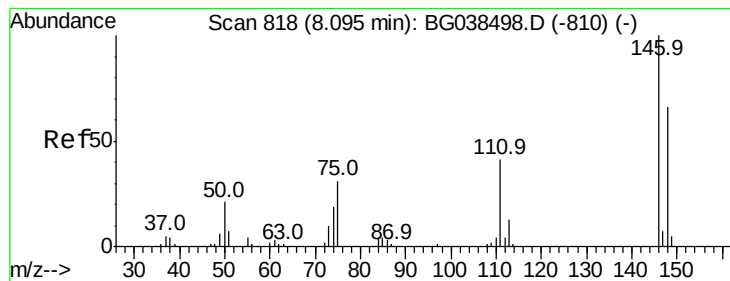
Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Tgt Ion:	146	Resp:	71684
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.0
75	31.9	26.1	39.1





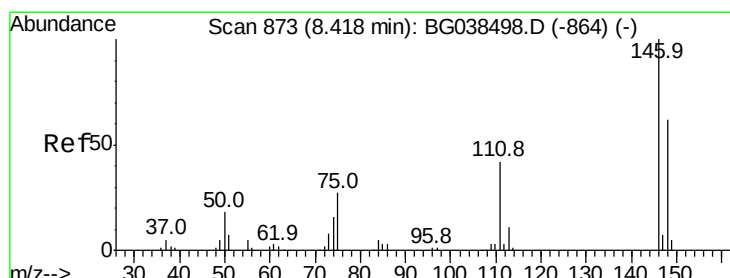
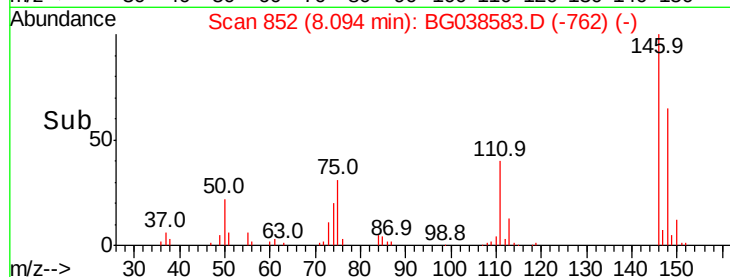
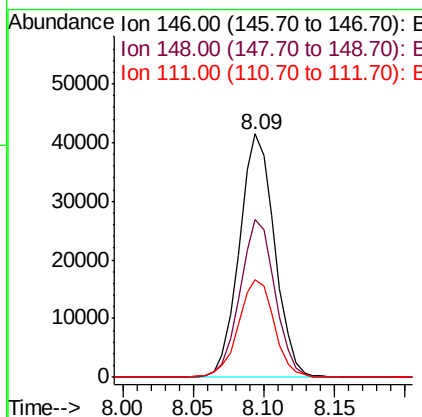
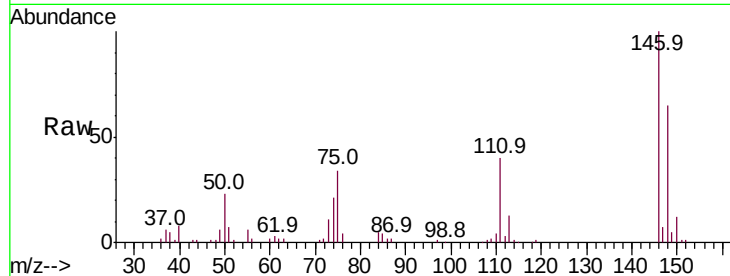
#13
 1,4-Dichlorobenzene
 Concen: 37.825 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Instrument :
 BNA_G
 ClientSampleID :
 PB115631BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.4	78.6
111	40.0	33.0	49.4

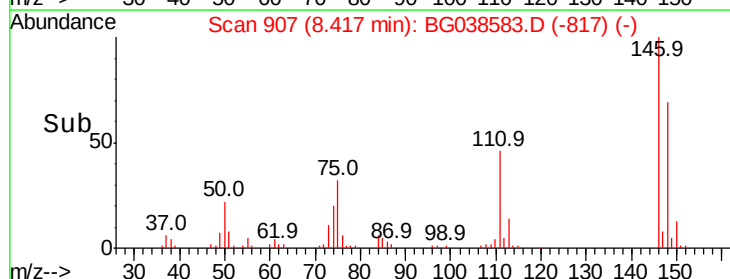
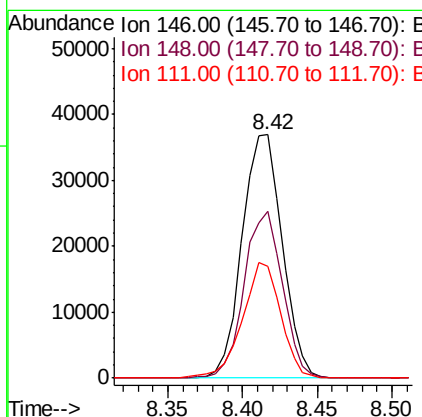
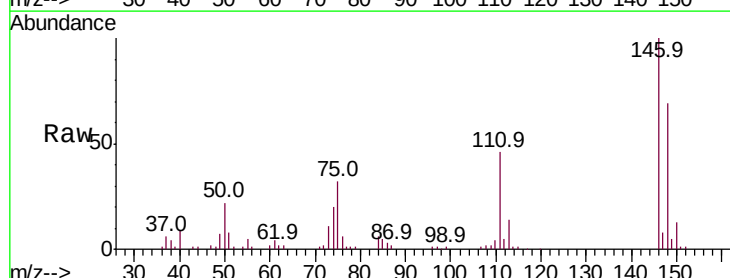
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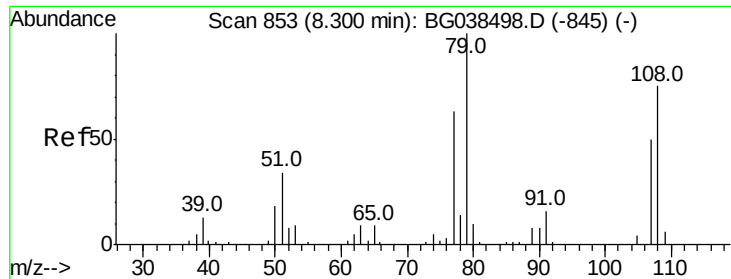
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#14
 1,2-Dichlorobenzene
 Concen: 38.194 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.6	49.4	74.0
111	45.8	33.8	50.6





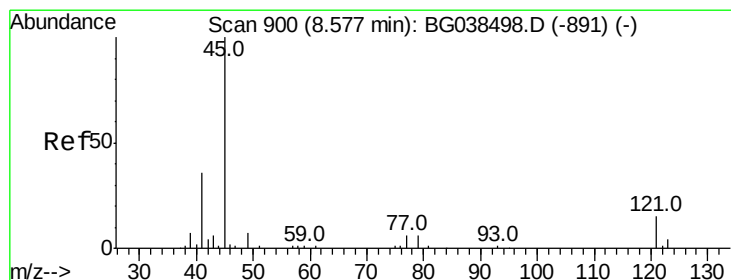
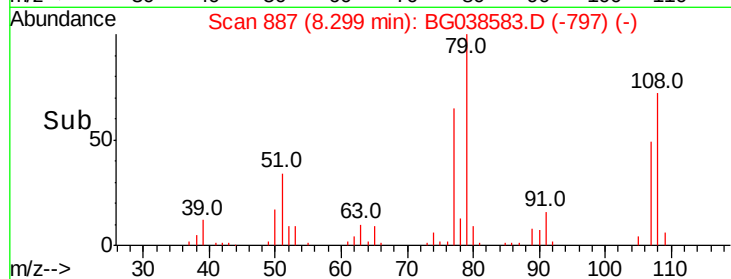
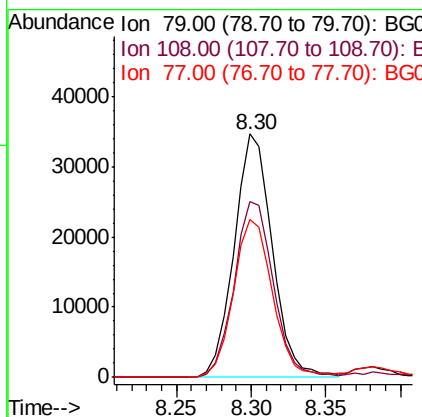
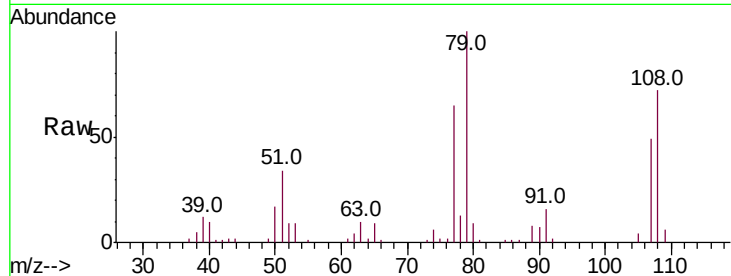
#15
Benzyl Alcohol
Concen: 42.285 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.2	60.2	90.4
77	65.0	50.7	76.1

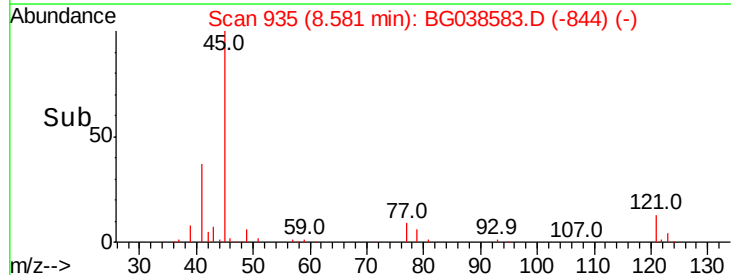
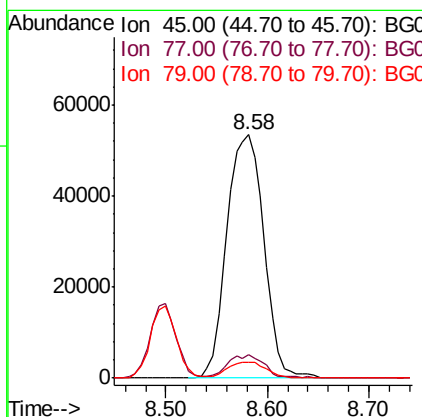
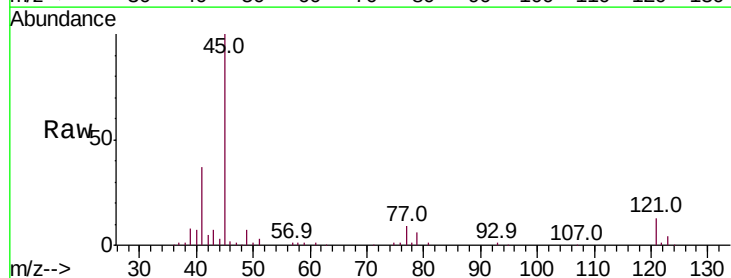
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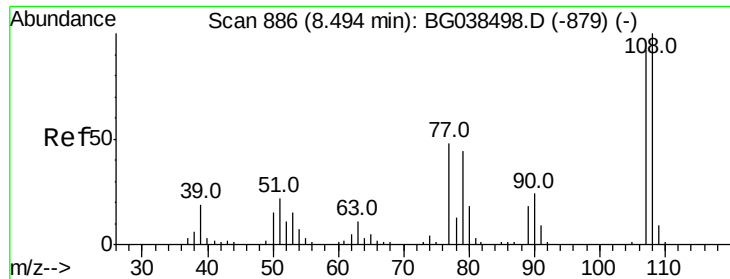
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.402 ng
RT: 8.58 min Scan# 935
Delta R.T. 0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.4	0.0	28.2
79	6.3	0.0	27.2





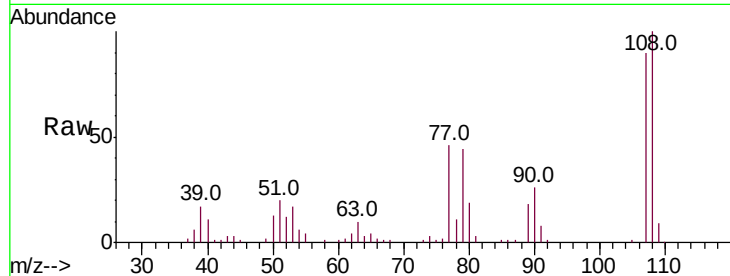
#17
2-Methylphenol
Concen: 43.516 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleID :
PB115631BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	87.1	130.7
77	51.0	42.0	63.0
79	48.9	38.2	57.2

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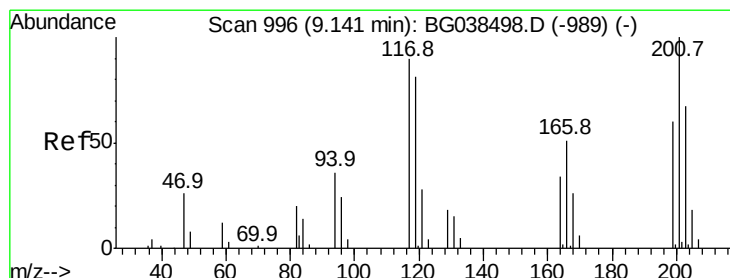
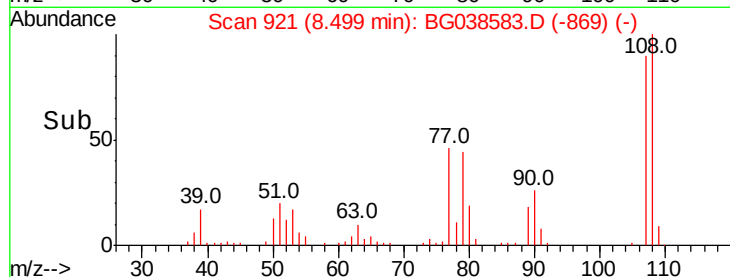
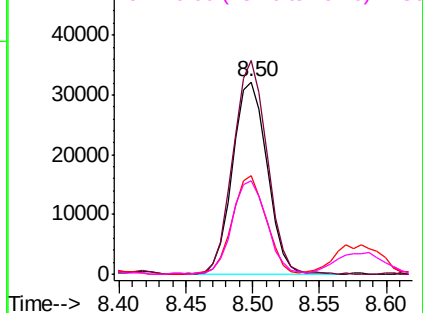
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.825 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

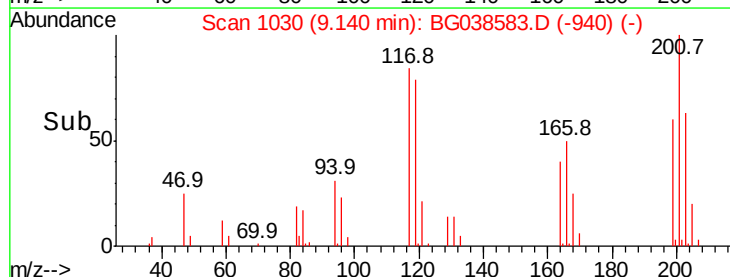
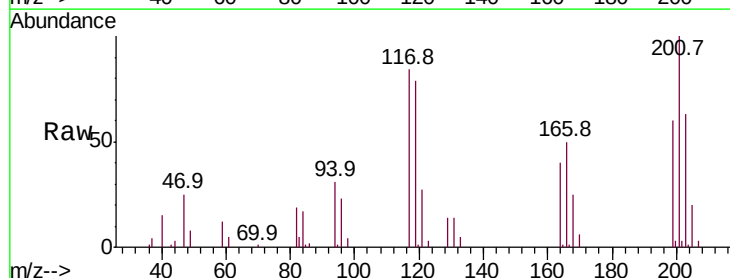
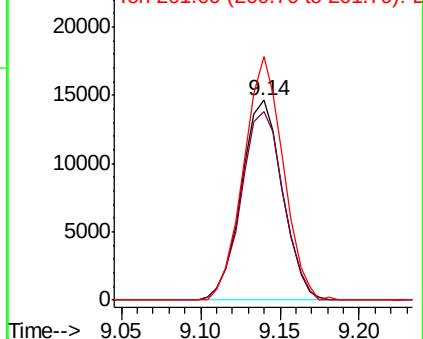
Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	73.8	110.8
201	121.8	89.4	134.0

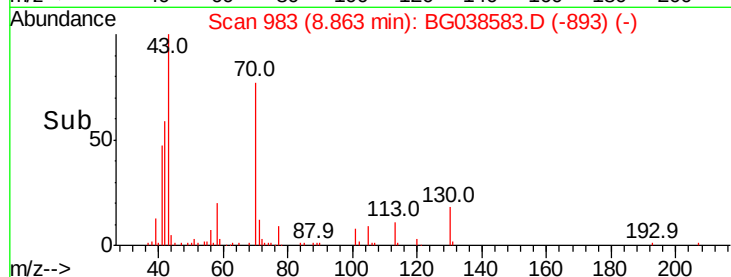
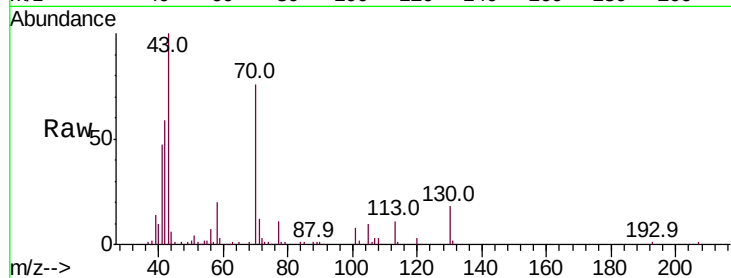
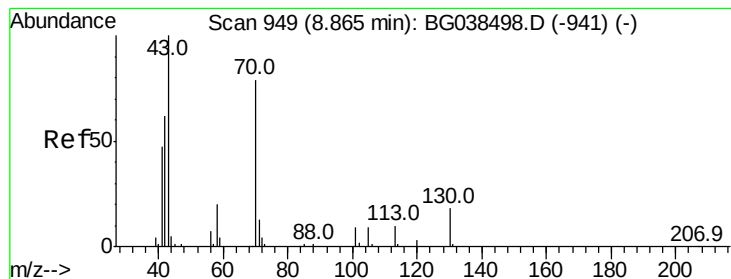
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.076 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

ClientSampleId :

PB115631BS

Tot Ion: 70 Resp: 48683

Ion Ratio Lower Upper

70 100

42 76.7 63.6 95.4

101 10.5 9.2 13.8

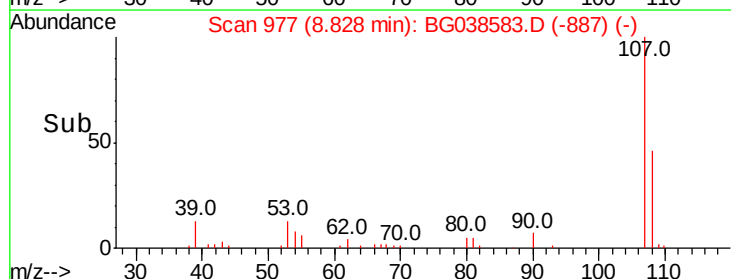
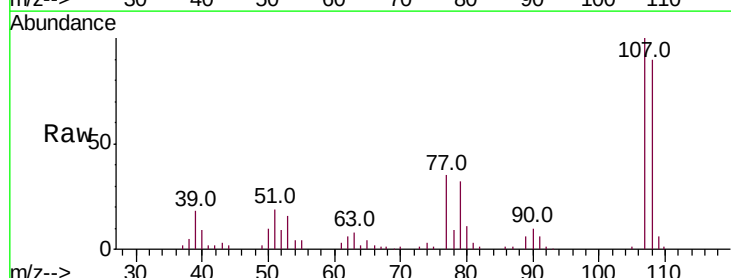
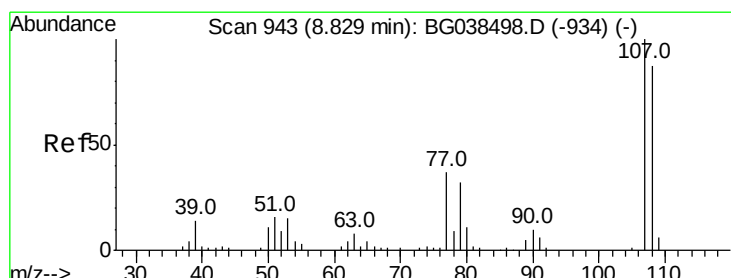
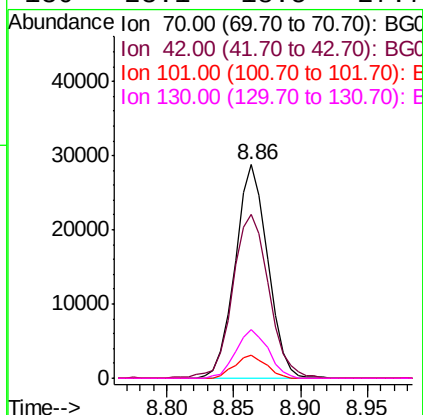
130 23.1 18.5 27.7

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#20

3+4-Methylphenols

Concen: 42.555 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Tgt Ion: 107 Resp: 78206

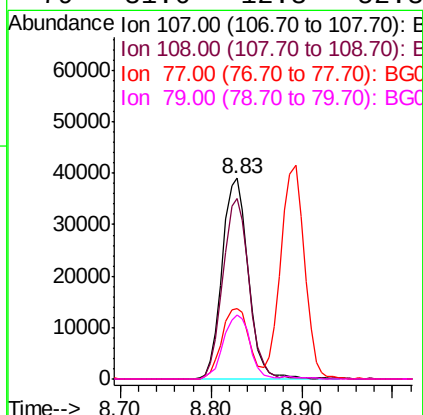
Ion Ratio Lower Upper

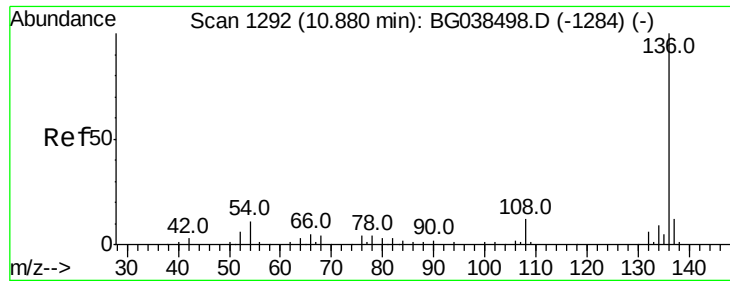
107 100

108 89.8 66.7 106.7

77 35.1 17.3 57.3

79 31.6 12.3 52.3





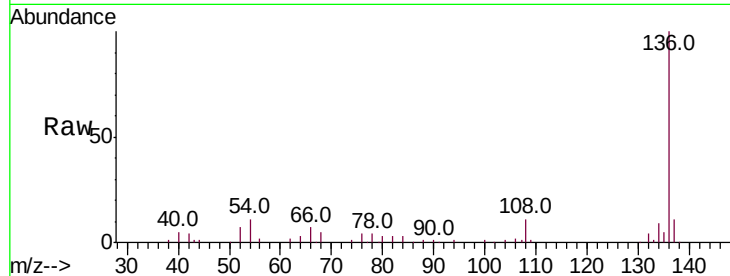
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

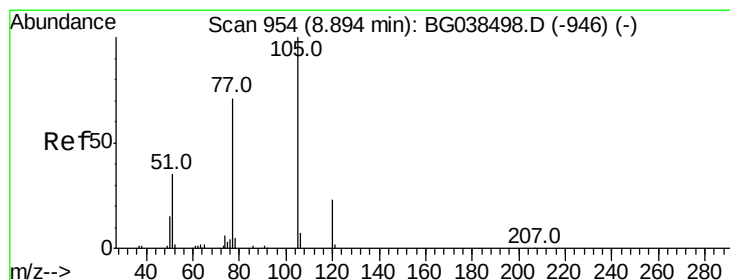
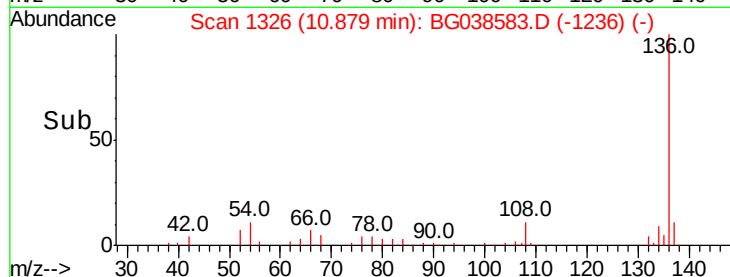
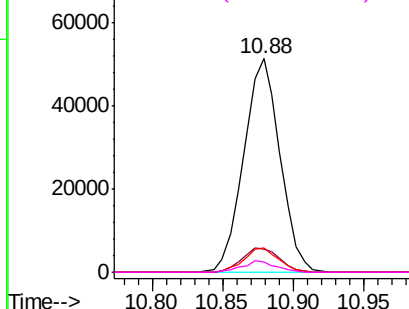
Tot Ion	Ratio	Resp	Lower	Upper
136	100	92474		
137	10.9		9.3	13.9
54	11.4		8.5	12.7
68	4.8		3.5	5.3

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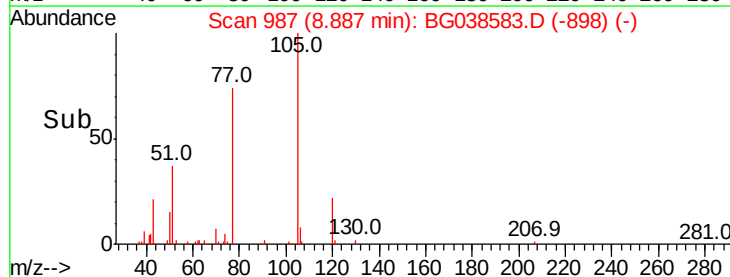
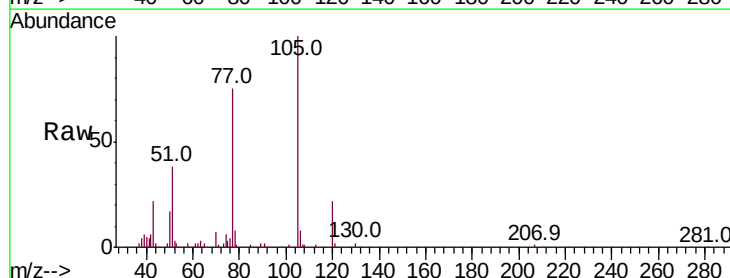
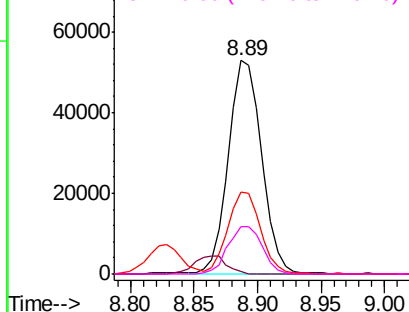
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

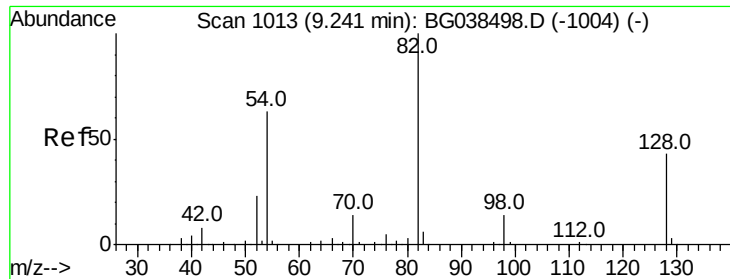


#22
Acetophenone
Concen: 41.781 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	96505		
71	1.3		0.4	0.6#
51	38.1		30.6	46.0
120	22.4		18.6	28.0

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





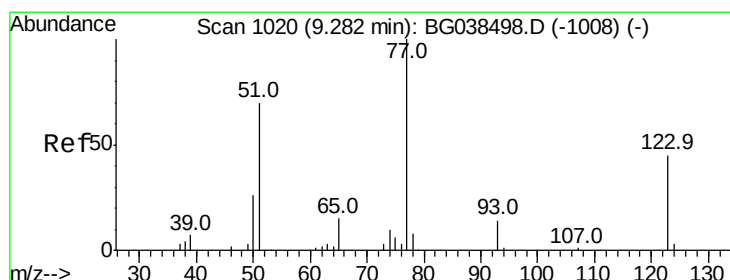
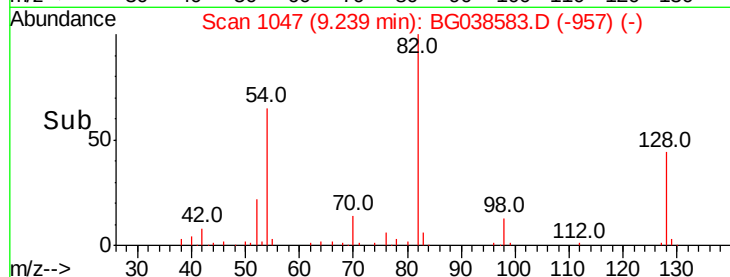
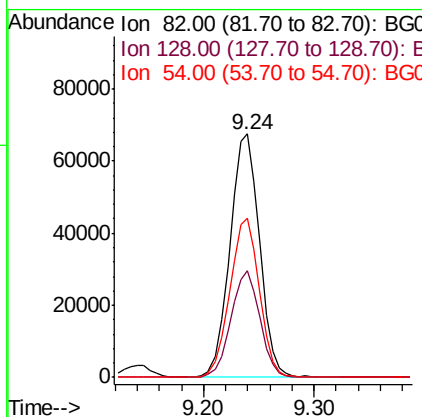
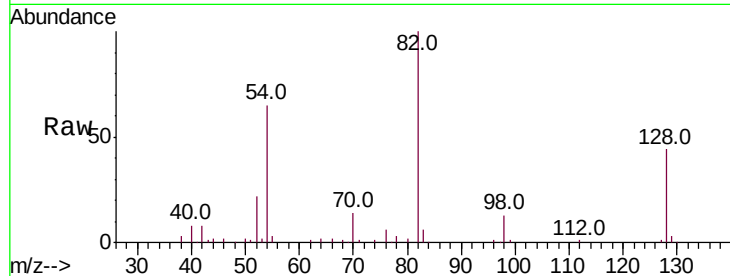
#23
Nitrobenzene-d5
Concen: 70.025 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	52.0
54	65.4	50.6	76.0

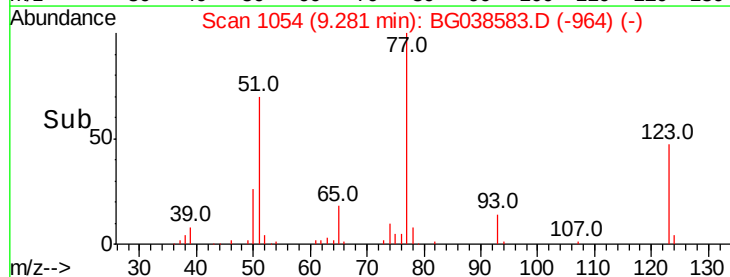
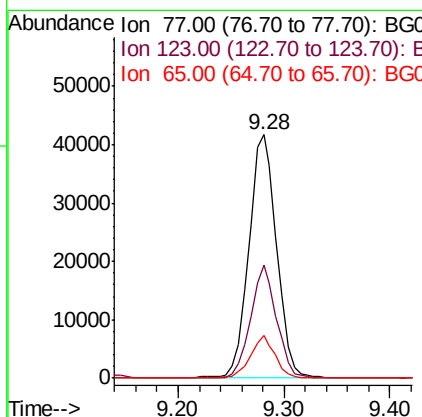
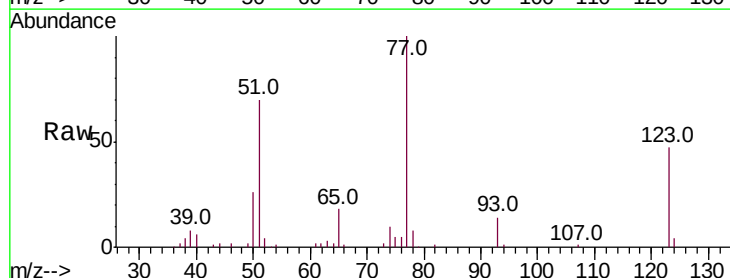
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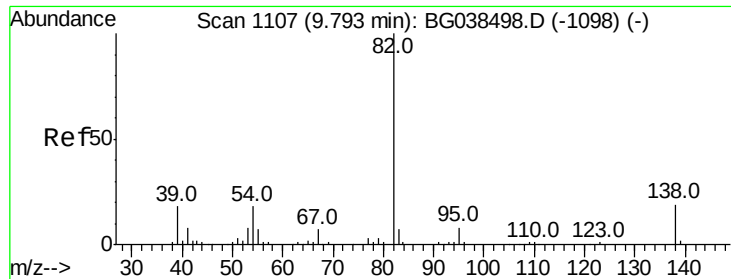
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#24
Nitrobenzene
Concen: 41.670 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	35.9	53.9
65	17.6	12.0	18.0





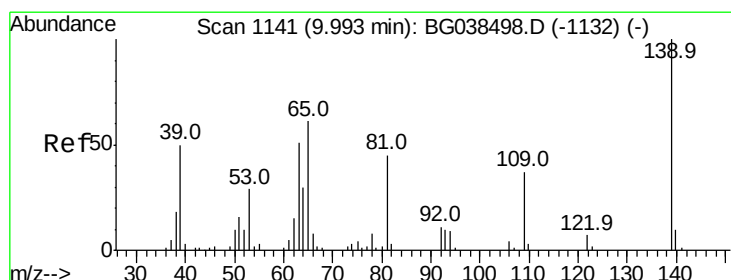
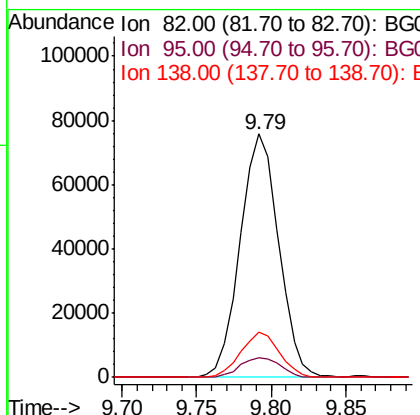
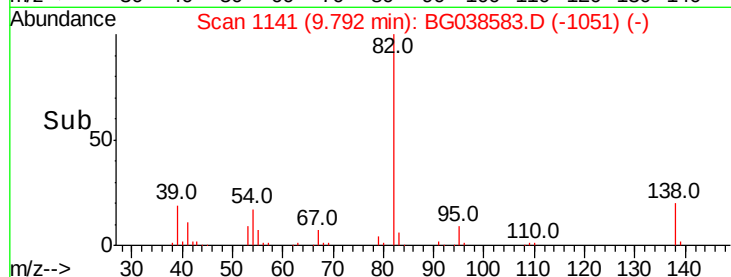
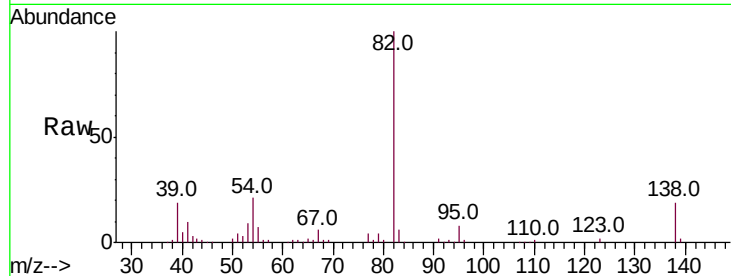
#25
Isophorone
Concen: 41.663 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.1	6.1	9.1	
138	18.6	14.9	22.3	

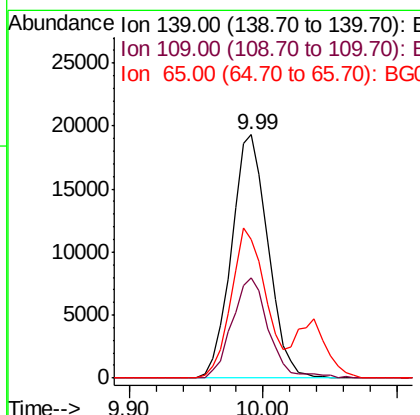
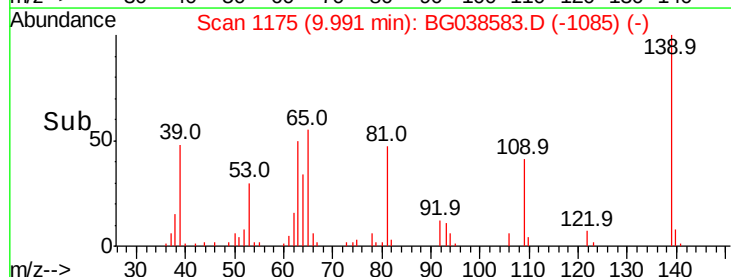
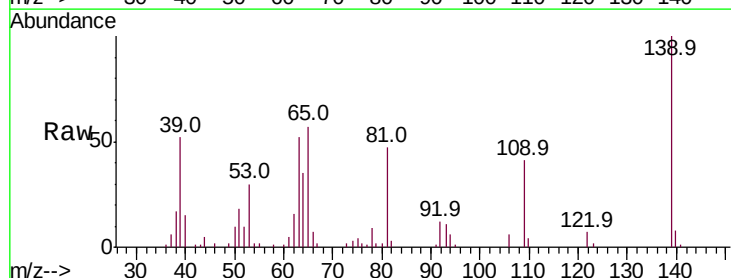
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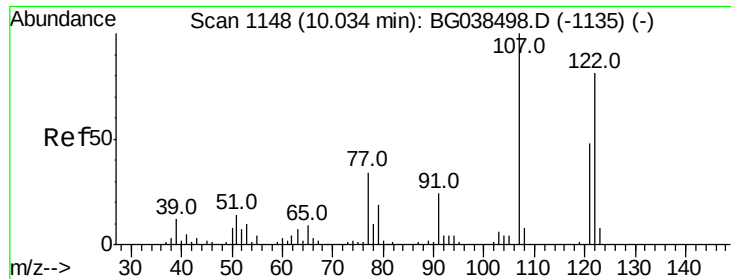
Sohil
12/17/2018 4:11:54 PM



#26
2-Nitrophenol
Concen: 38.949 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	41.4	29.5	44.3	
65	57.1	48.5	72.7	





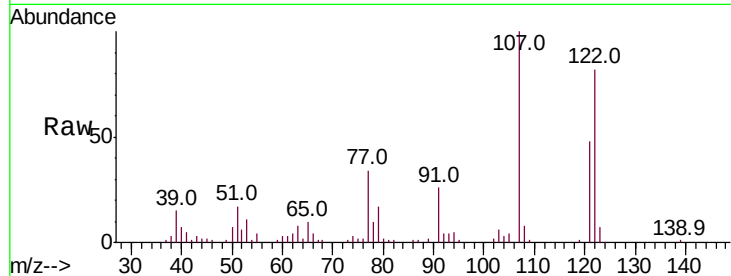
#27
2,4-Dimethylphenol
Concen: 49.201 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.4	98.4	147.6
121	58.2	47.2	70.8

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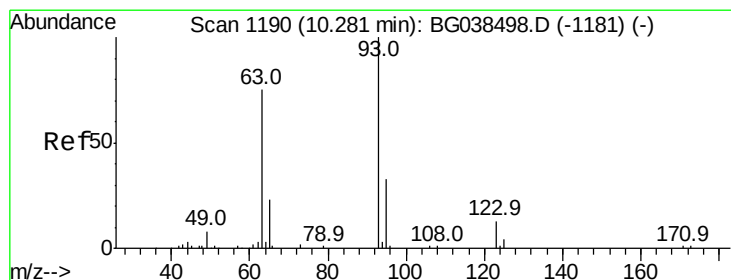
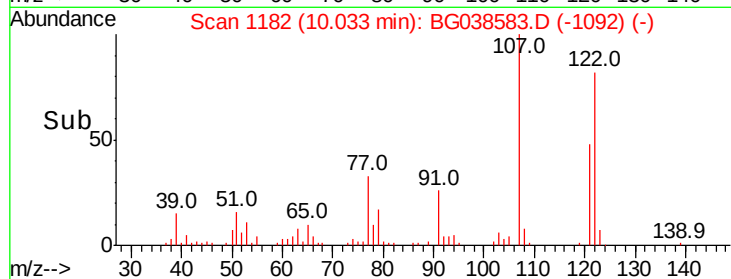
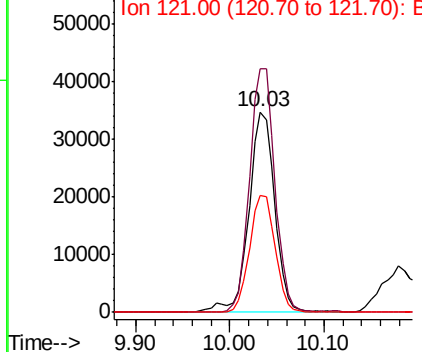


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 42.637 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

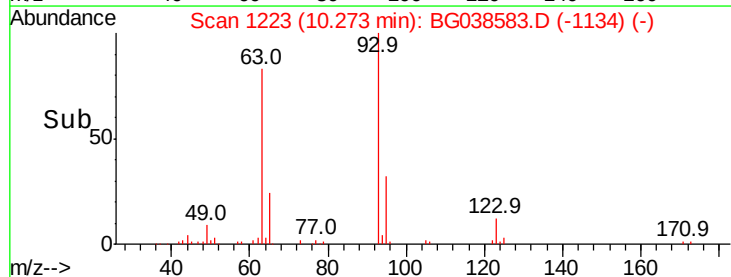
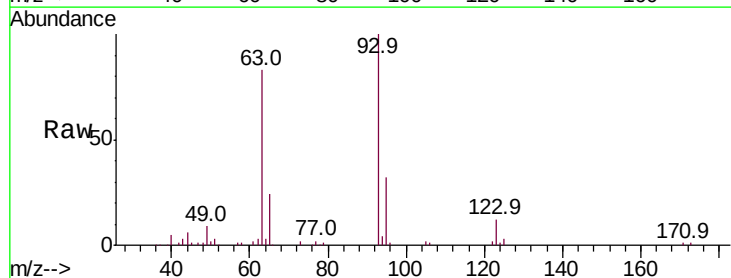
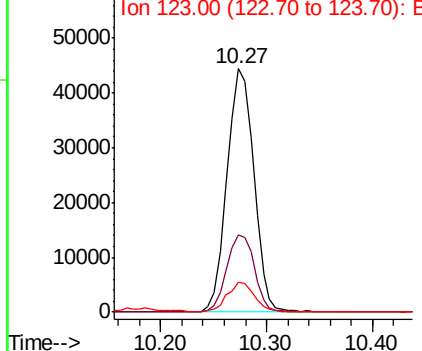
Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.6	40.0
123	12.1	10.6	16.0

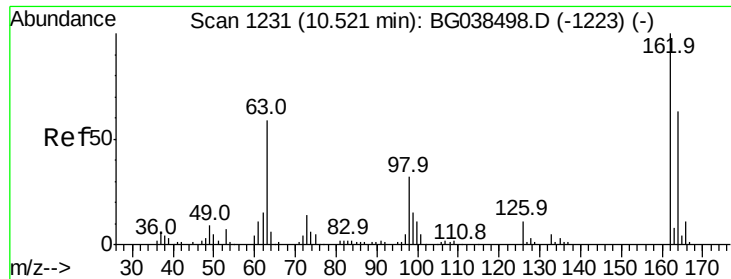
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





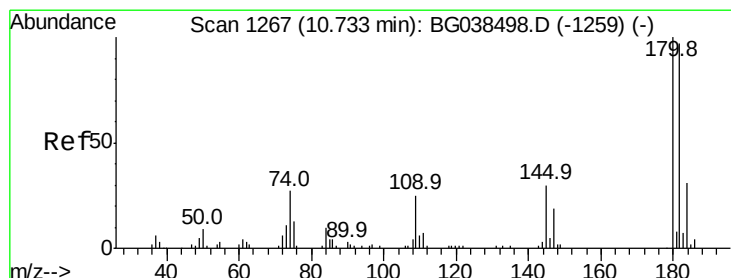
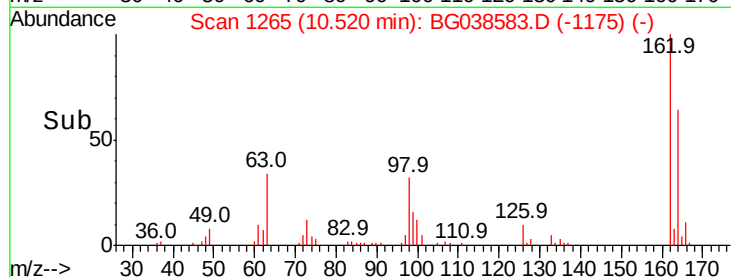
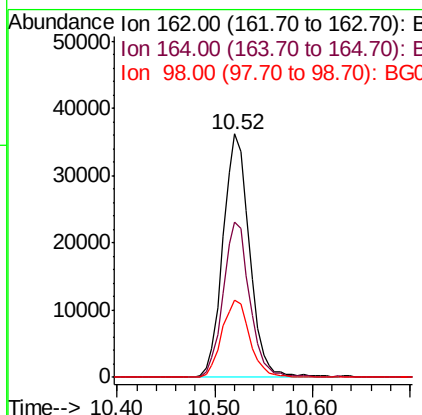
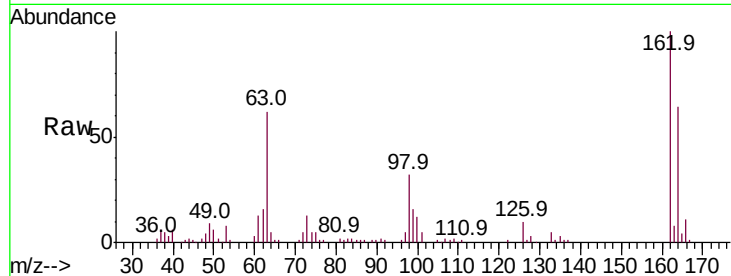
#29
 2,4-Dichlorophenol
 Concen: 45.739 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Instrument :
 BNA_G
 ClientSampleID :
 PB115631BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	68348		
164	63.6	42.9	82.9	
98	31.7	12.1	52.1	

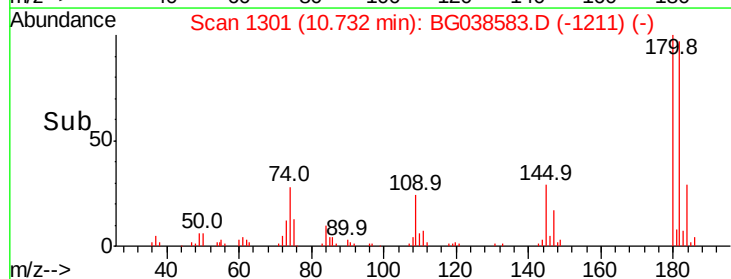
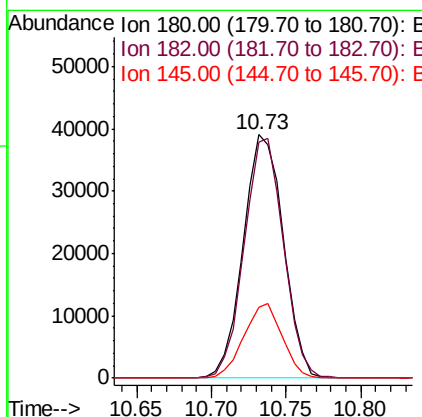
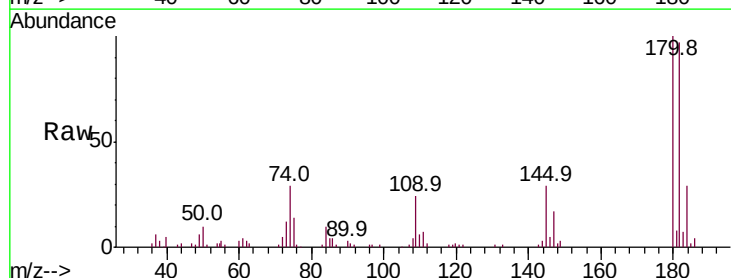
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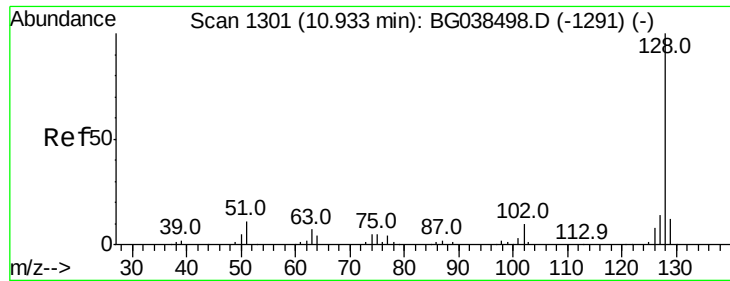
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.161 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	72490		
182	96.9	77.4	116.0	
145	29.1	24.1	36.1	





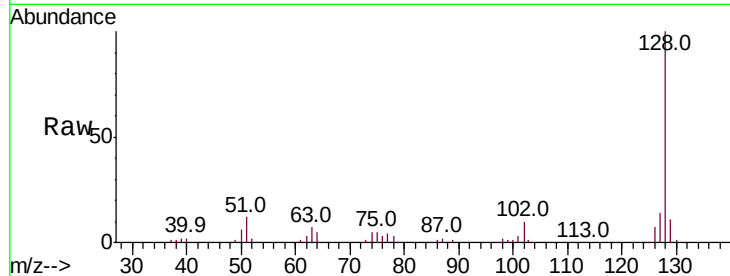
#31
Naphthalene
Concen: 43.842 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampled :
PB115631BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.5	14.3
127	13.7	10.9	16.3

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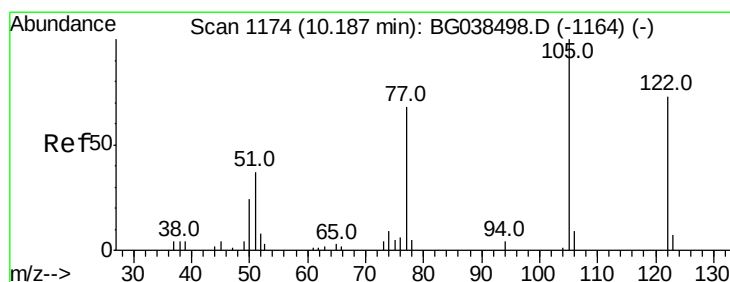
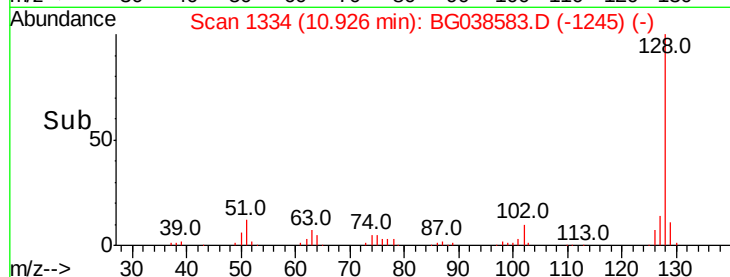
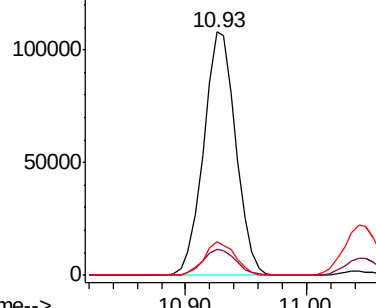


Abundance

Ion 128.00 (127.70 to 128.70): E

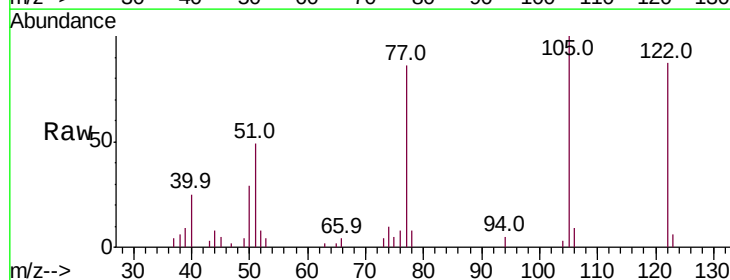
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.537 ng m
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.9	116.7	156.7#
77	98.3	72.5	112.5

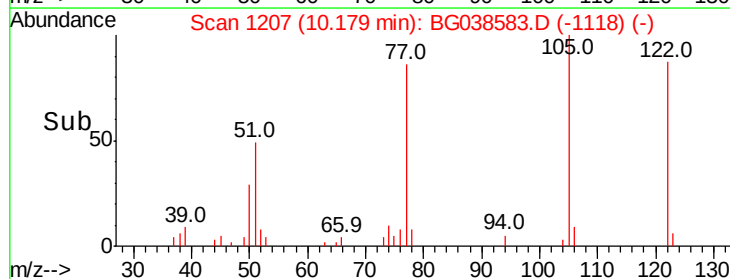
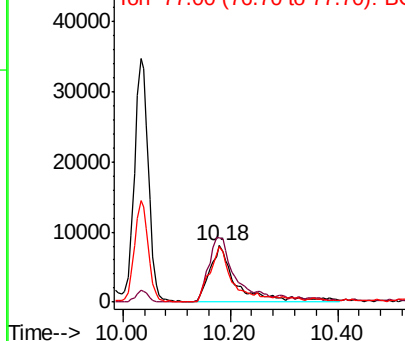


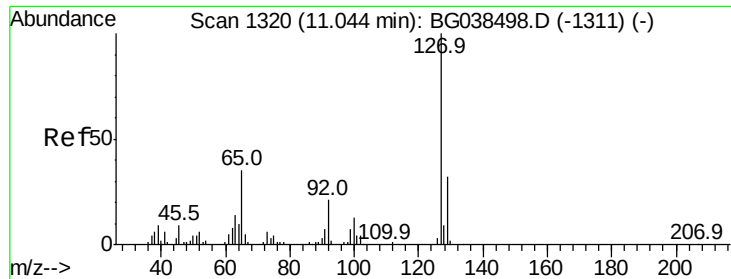
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





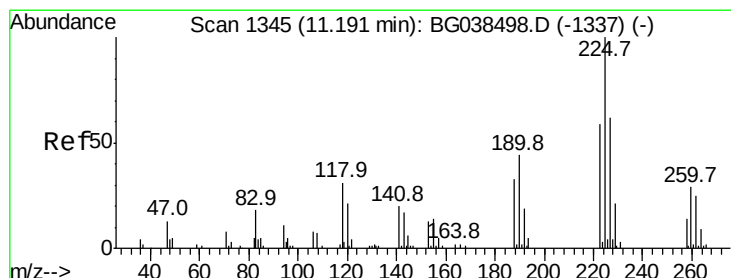
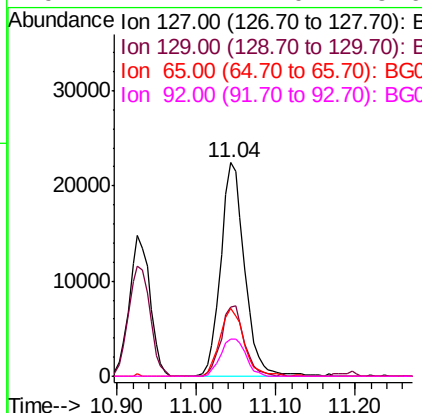
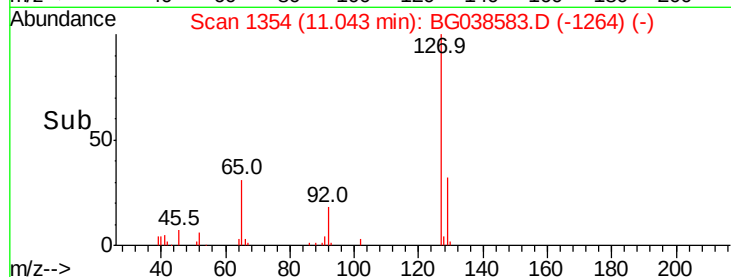
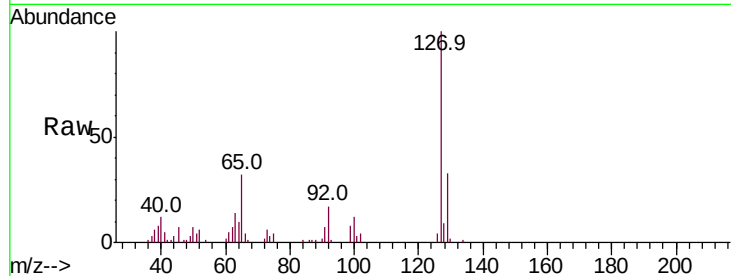
#33
4-Chloroaniline
Concen: 23.756 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	25.8	38.8	
65	31.7	27.8	41.6	
92	17.4	17.0	25.6	

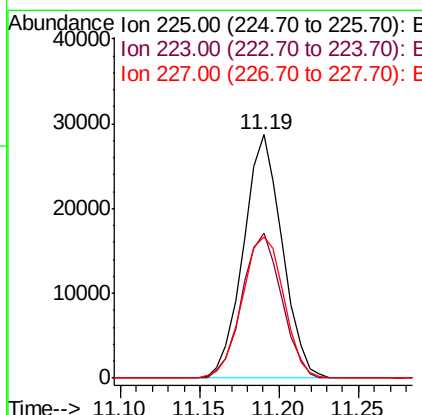
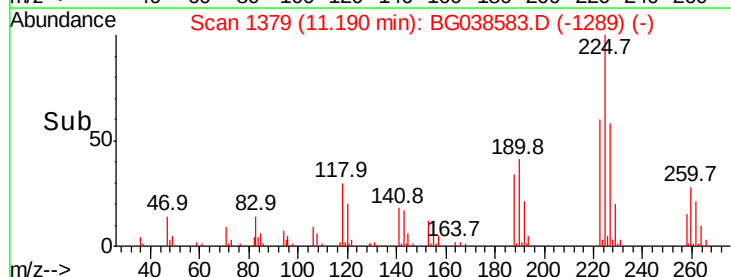
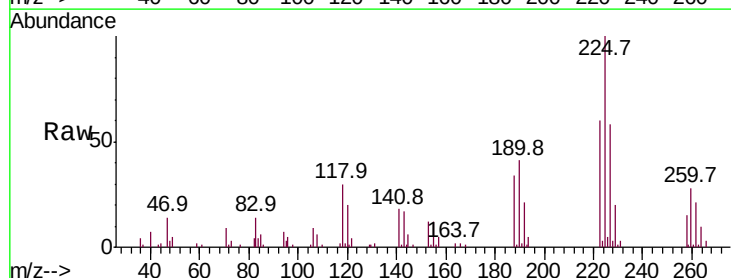
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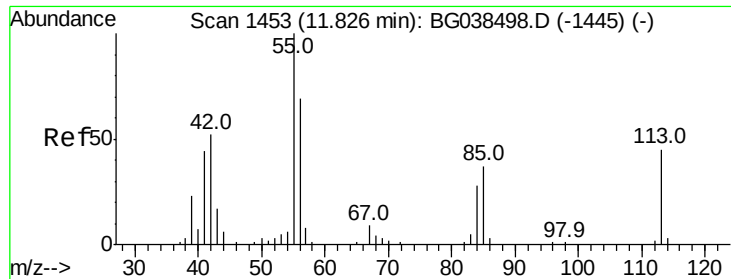
Sohil
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#34
Hexachlorobutadiene
Concen: 39.816 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	57.0	45.0	67.6	
227	58.4	50.6	75.8	





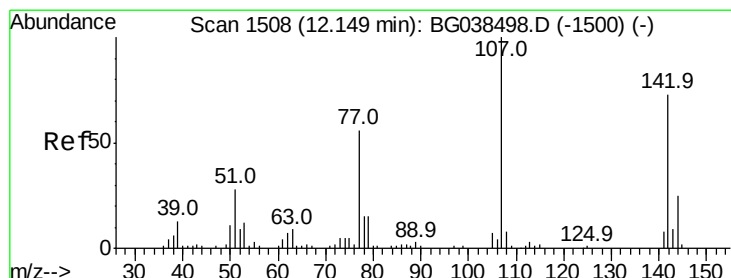
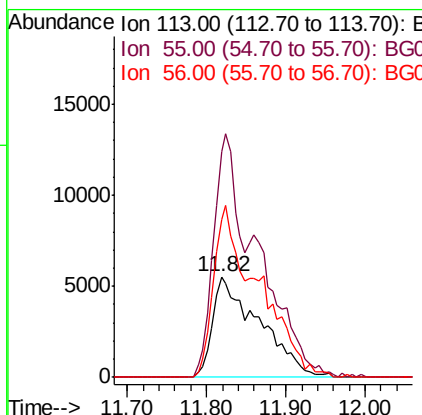
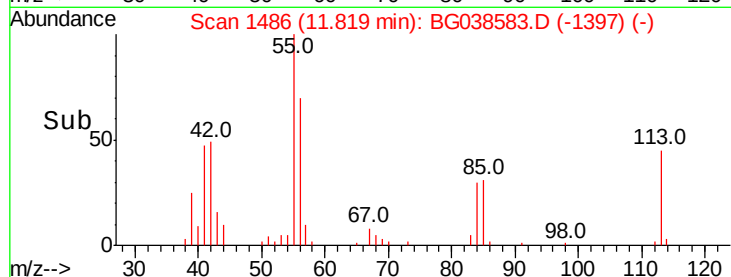
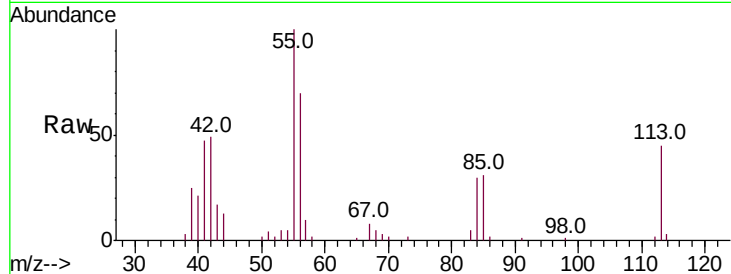
#35
 Caprolactam
 Concen: 36.479 ng
 RT: 11.82 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Instrument :
 BNA_G
 ClientSampled :
 PB115631BS

Tot Ion:113 Resp: 22559
 Ion Ratio Lower Upper
 113 100
 55 224.1 204.3 244.3
 56 156.6 135.0 175.0

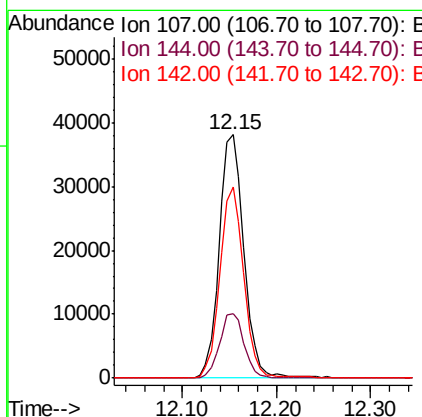
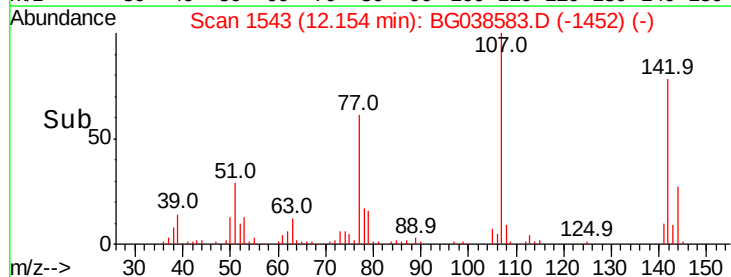
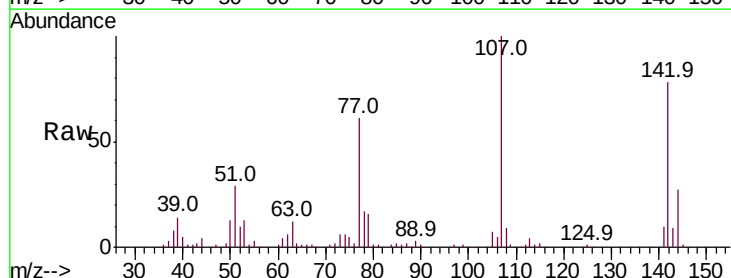
Manual Integrations
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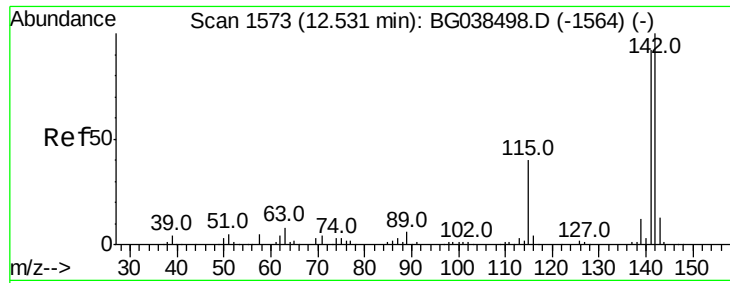
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#36
 4-Chloro-3-methylphenol
 Concen: 40.859 ng
 RT: 12.15 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion:107 Resp: 69674
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.1 30.1
 142 78.3 58.7 88.1





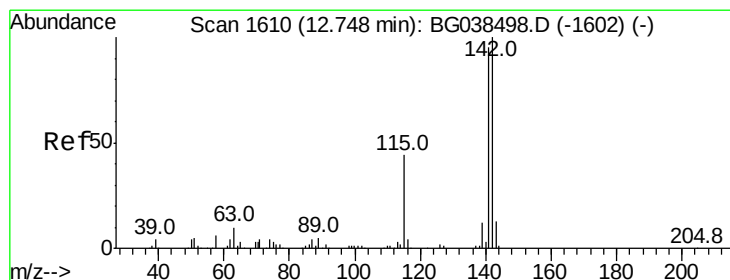
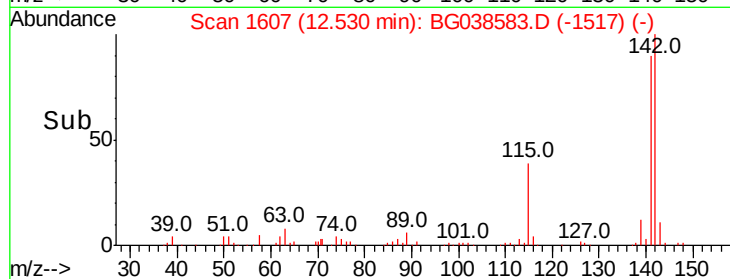
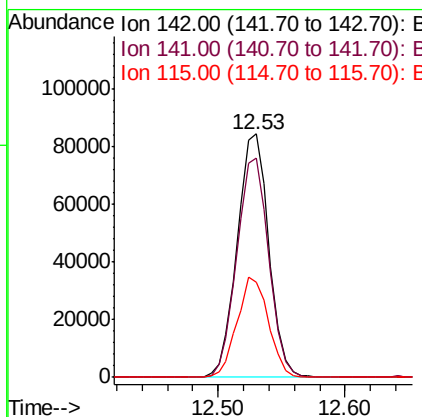
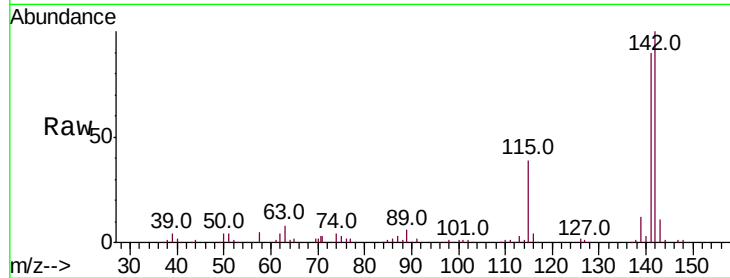
#37
2-Methylnaphthalene
Concen: 44.840 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.5	110.3
115	39.2	31.7	47.5

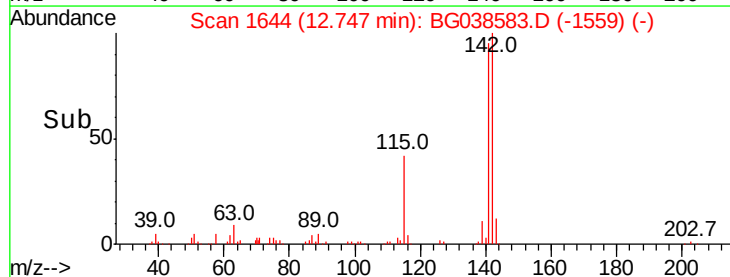
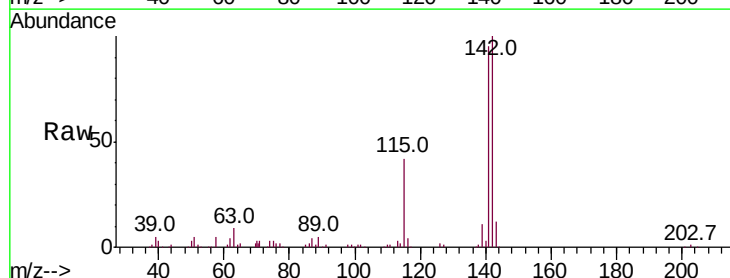
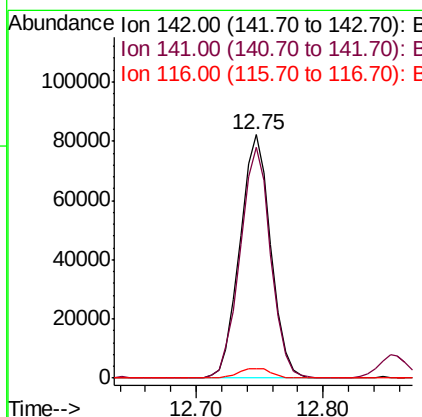
Manual Integrations
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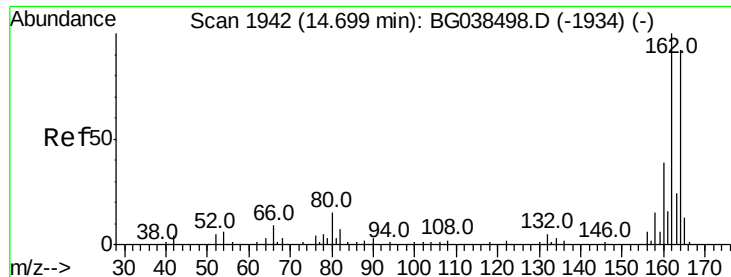
Sohil
12/17/2018 4:11:54 PM



#38
1-Methylnaphthalene
Concen: 43.846 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	75.8	113.8
116	4.1	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

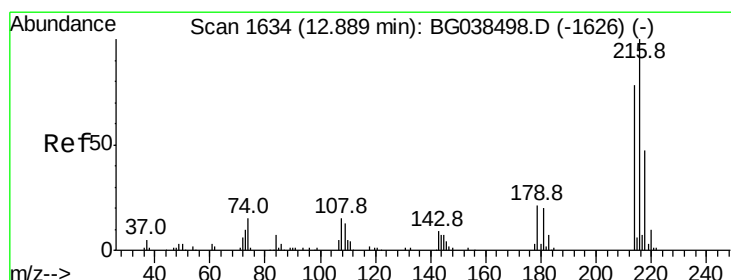
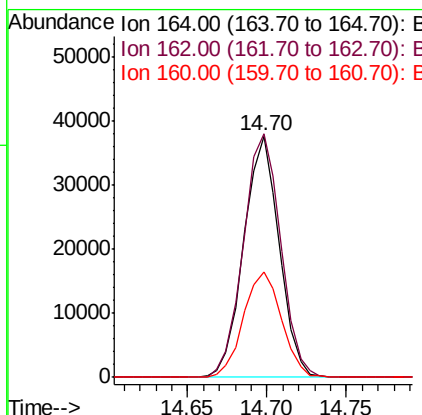
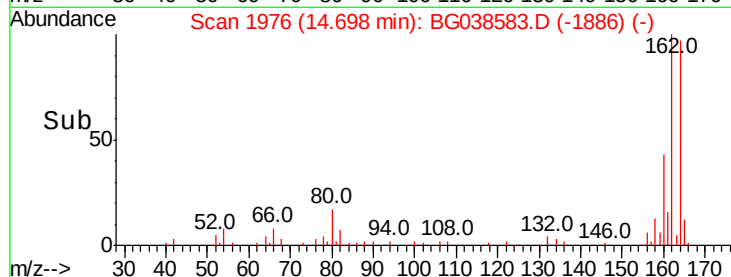
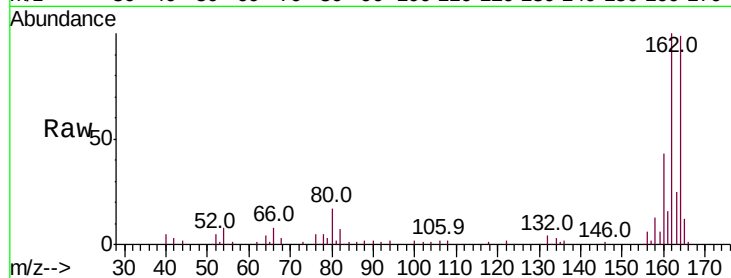
ClientSampleId :

PB115631BS

Tot Ion:	164	Resp:	58538
Ion Ratio	Lower	Upper	
164	100		
162	100.8	86.6	130.0
160	43.7	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.679 ng

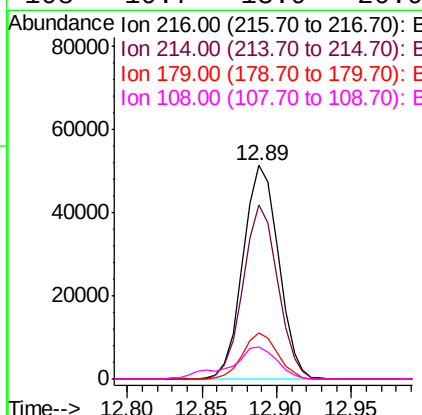
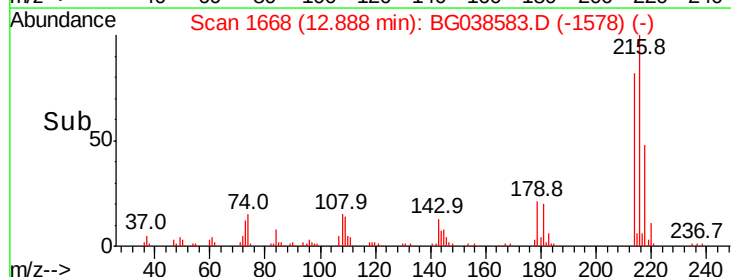
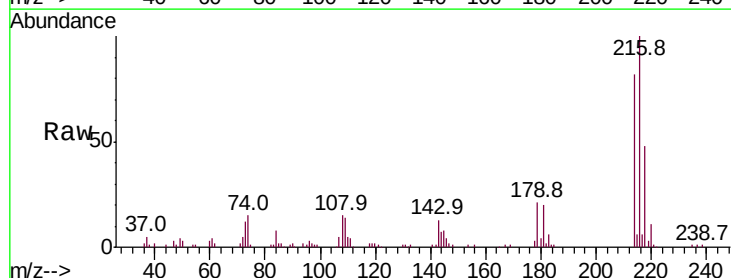
RT: 12.89 min Scan# 1668

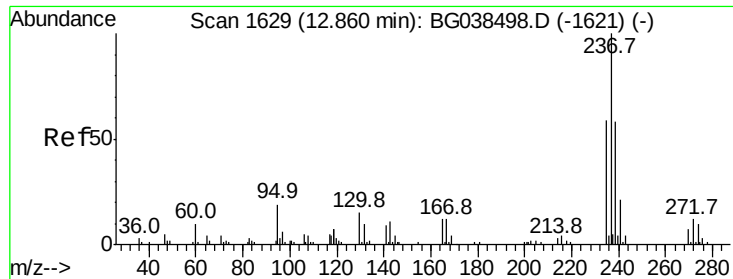
Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Tgt Ion:	216	Resp:	84634
Ion Ratio	Lower	Upper	
216	100		
214	79.4	64.1	96.1
179	21.0	16.4	24.6
108	19.7	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 96.940 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

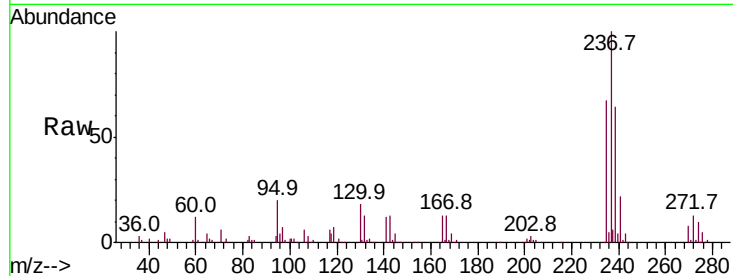
ClientSampleId :

PB115631BS

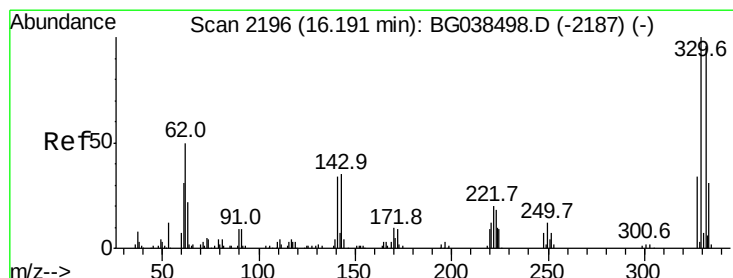
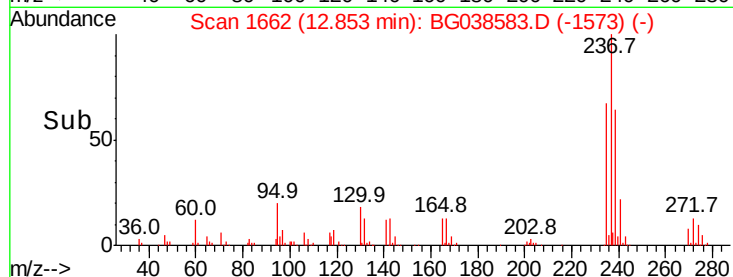
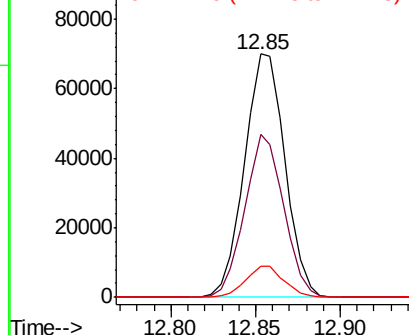
Tot Ion:	237	Resp:	116536
Ion Ratio	Lower	Upper	
237	100		
235	67.2	38.8	78.8
272	12.7	0.0	32.0

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



#42

2,4,6-Tribromophenol

Concen: 116.297 ng

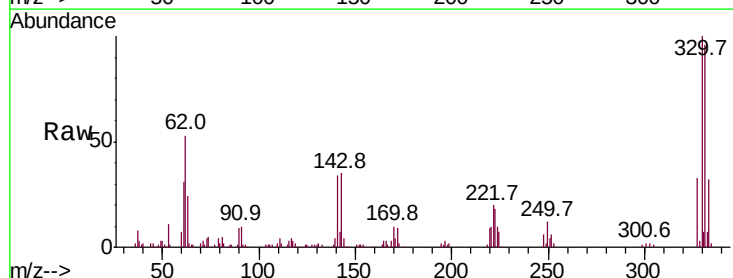
RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

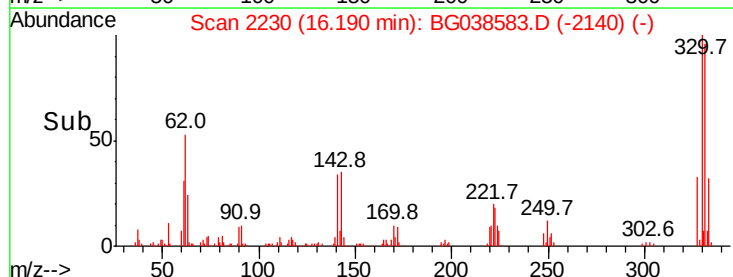
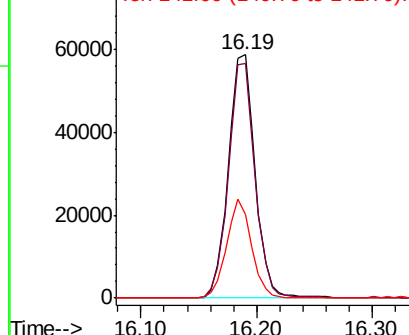
Lab File: BG038583.D

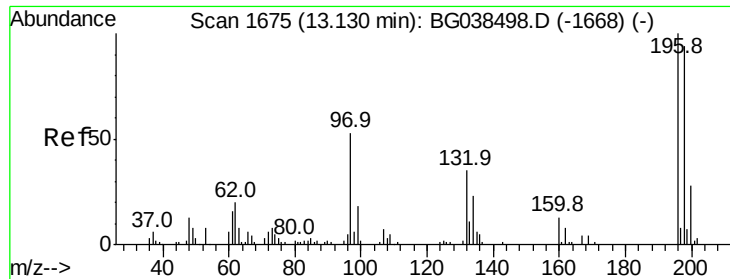
Acq: 15 Dec 2018 1:03

Tgt Ion:	330	Resp:	93824
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.9	115.3
141	37.8	28.8	43.2



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





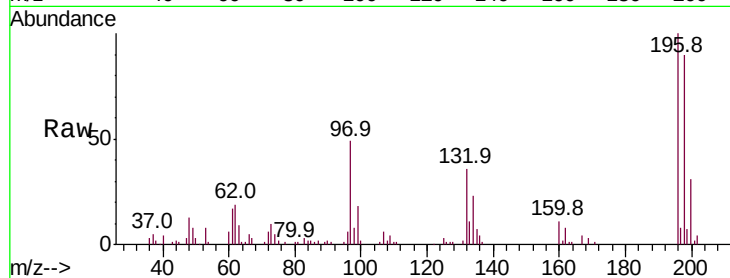
#43
 2,4,6-Trichlorophenol
 Concen: 43.302 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	58258		
198	90.1	75.0	112.4	
200	30.5	22.4	33.6	

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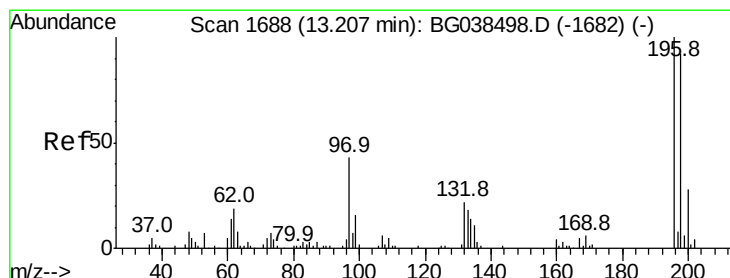
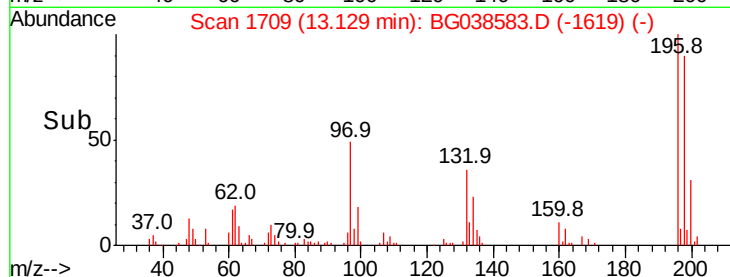
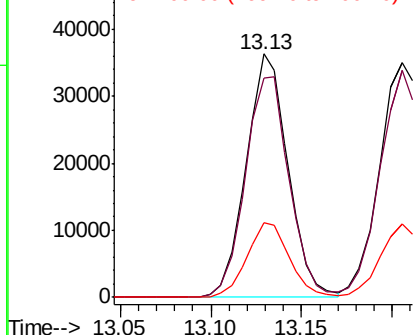


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.281 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	63077		
198	96.2	74.0	111.0	
97	47.5	35.1	52.7	
132	21.2	18.0	27.0	

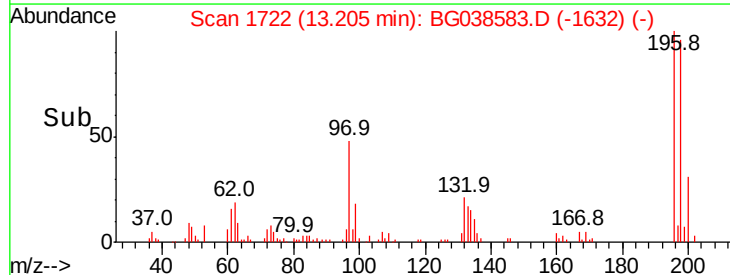
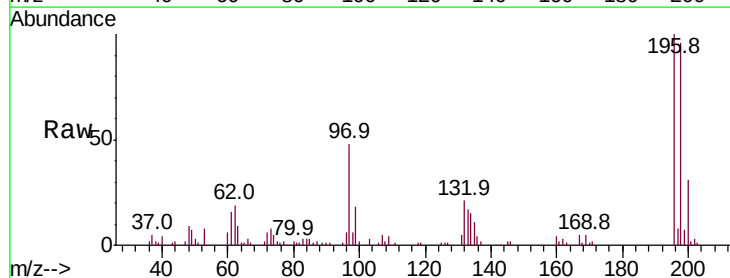
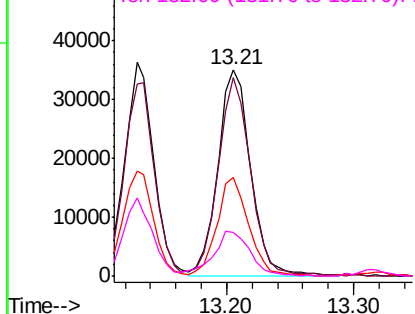
Abundance

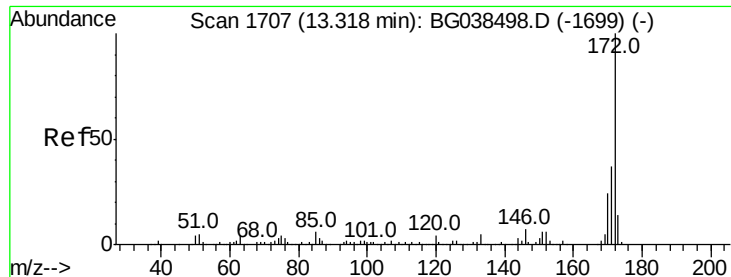
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





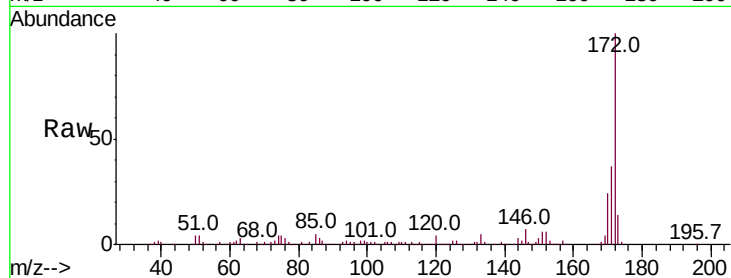
#45
2-Fluorobiphenyl
Concen: 67.545 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	288221		
171	37.4		29.8	44.6
170	24.4		19.5	29.3

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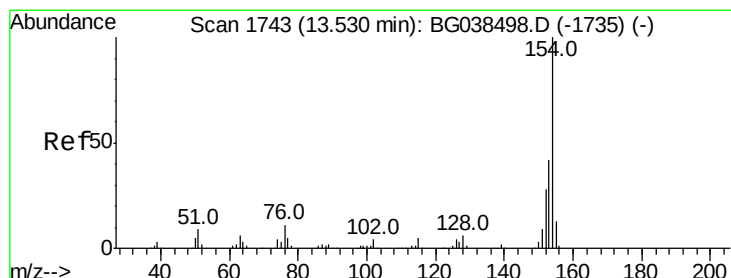
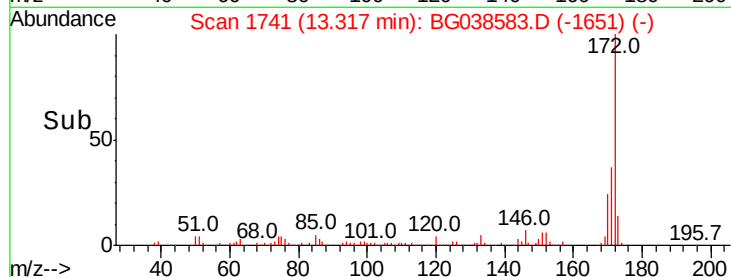
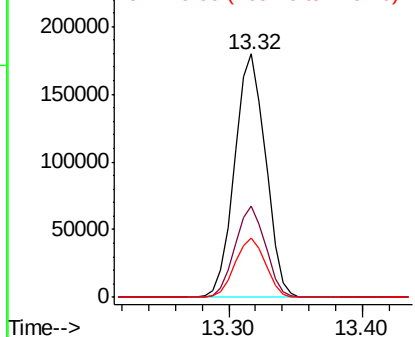


Abundance

Ion 172.00 (171.70 to 172.70): E

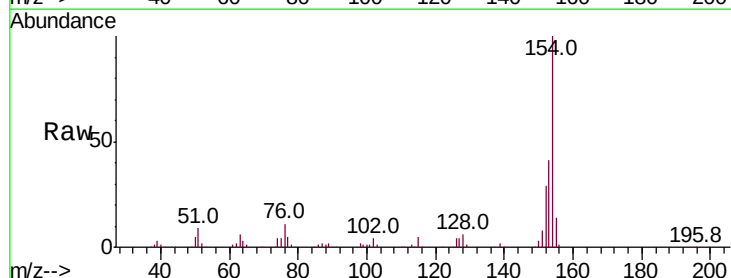
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.700 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	189913		
153	40.6		22.1	62.1
76	10.6		0.0	31.2

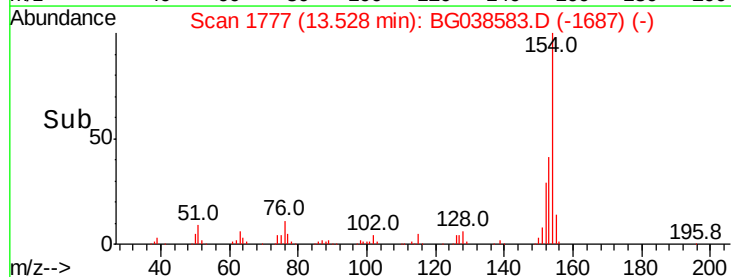
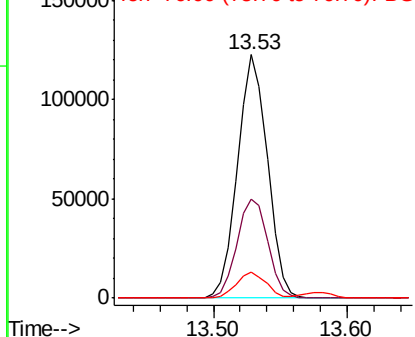


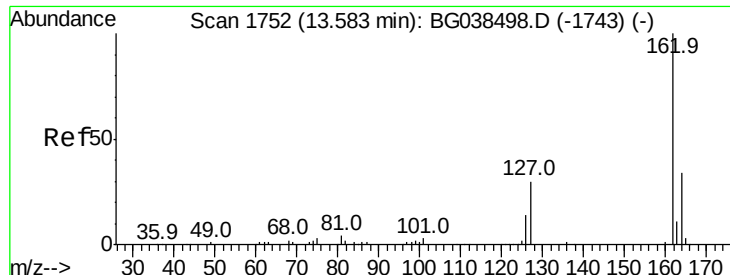
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





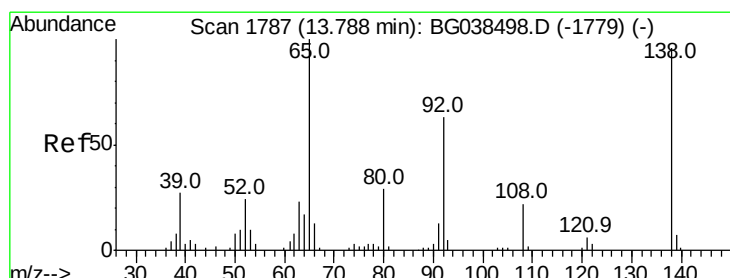
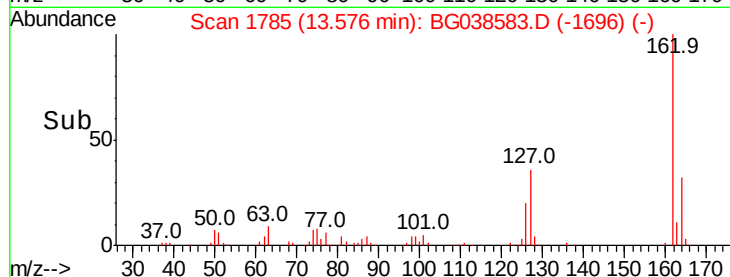
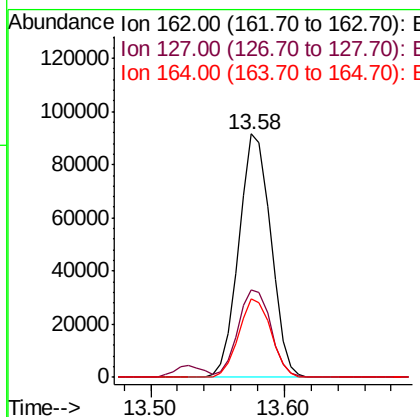
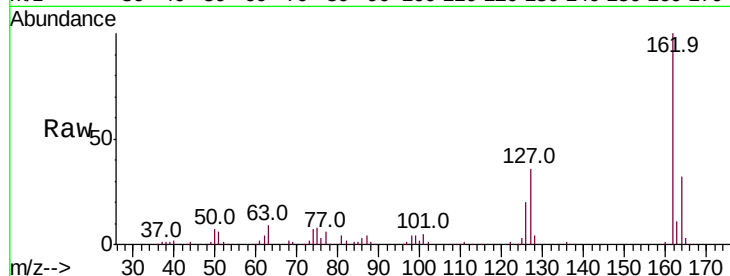
#47
 2-Chloronaphthalene
 Concen: 40.092 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.1	27.8	41.8
164	32.1	26.9	40.3

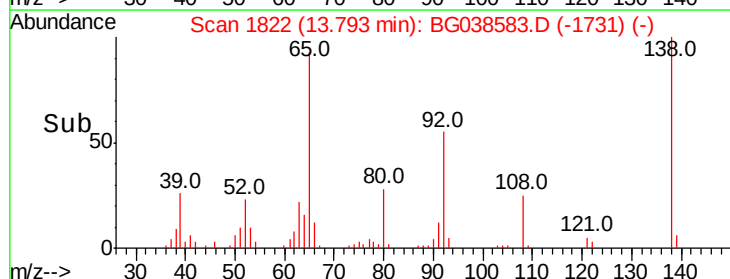
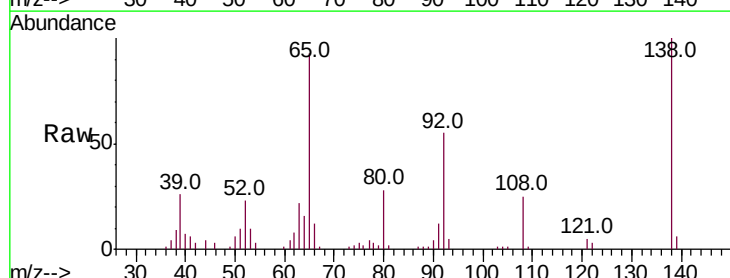
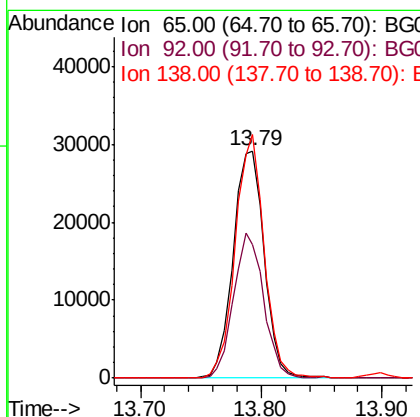
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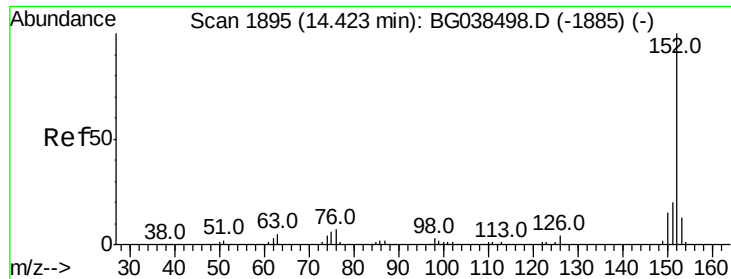
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#48
 2-Nitroaniline
 Concen: 43.131 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.9	50.0	75.0
138	107.0	76.9	115.3





#49

Acenaphthylene

Concen: 43.343 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

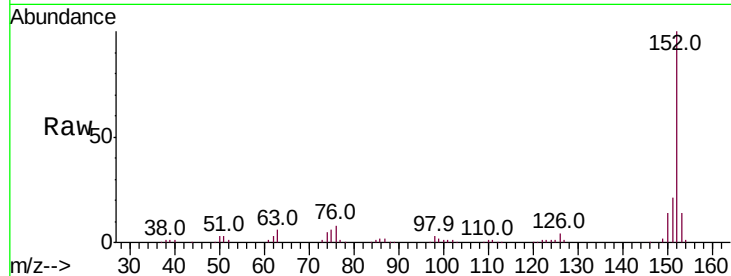
ClientSampleId :

PB115631BS

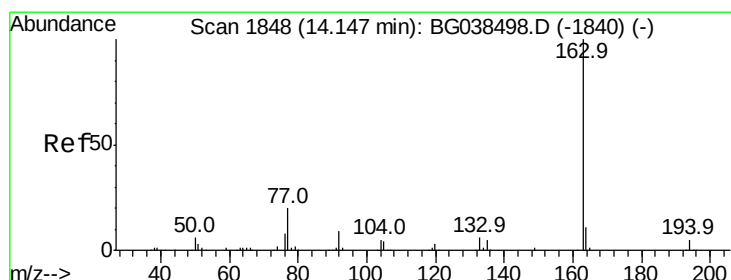
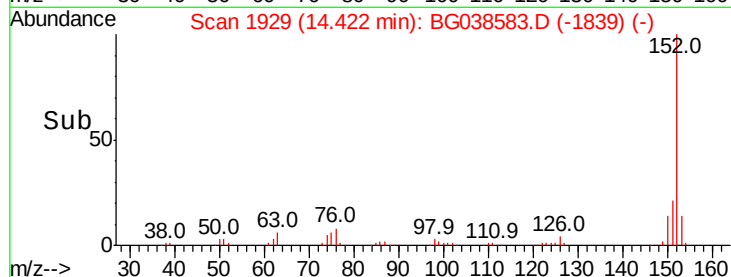
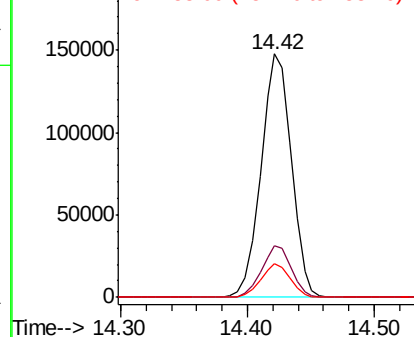
Tot Ion	Ratio	Resp Lower	Upper
152	100		
151	21.4	16.4	24.6
153	13.8	10.4	15.6

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



#50

Dimethylphthalate

Concen: 41.781 ng

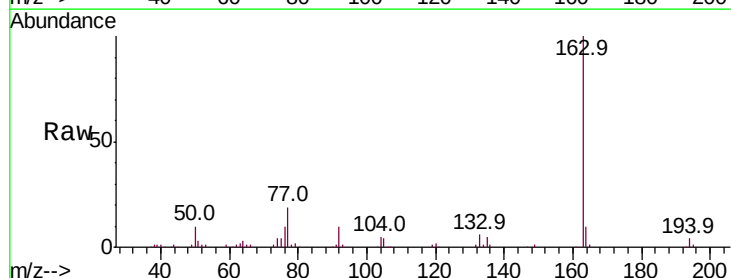
RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

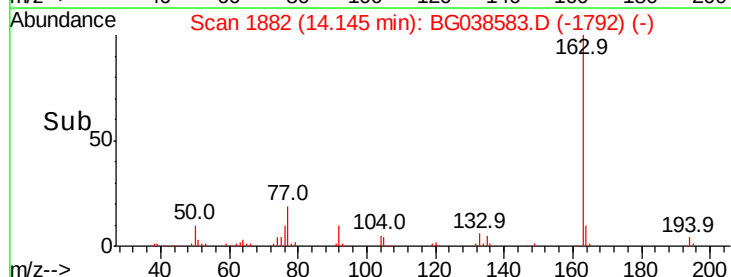
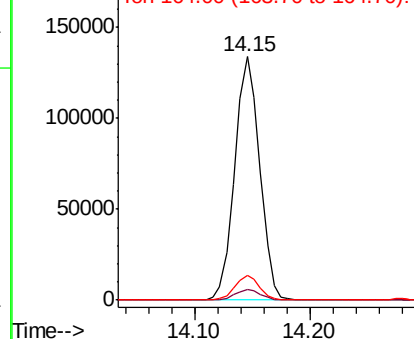
Lab File: BG038583.D

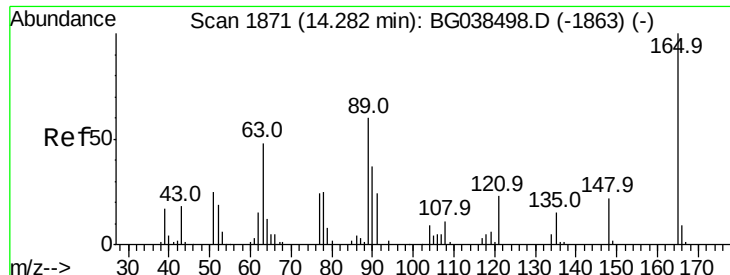
Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	4.4	3.7	5.5
164	10.2	8.6	12.8



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





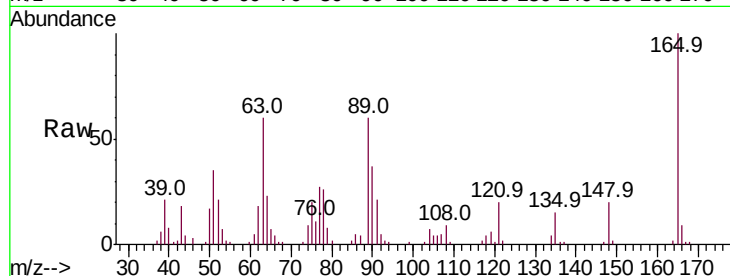
#51
2,6-Dinitrotoluene
Concen: 41.790 ng
RT: 14.28 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

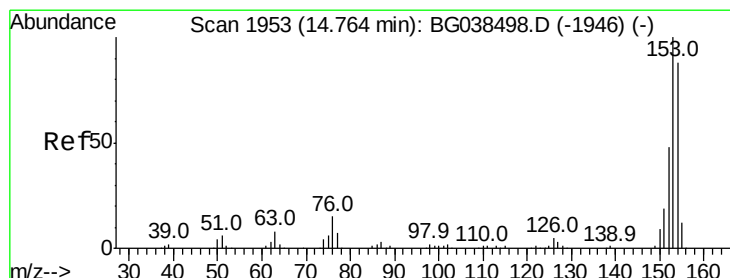
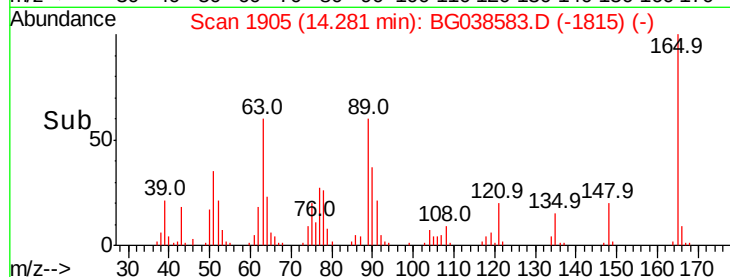
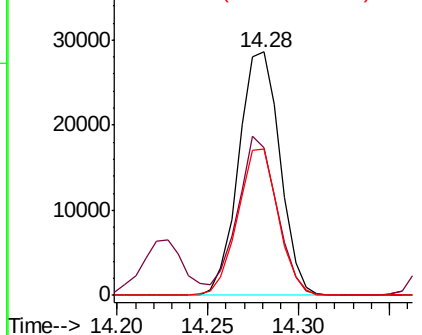
Tot Ion	Ratio	Lower	Upper
165	100		
63	60.5	51.8	77.6
89	59.9	47.9	71.9

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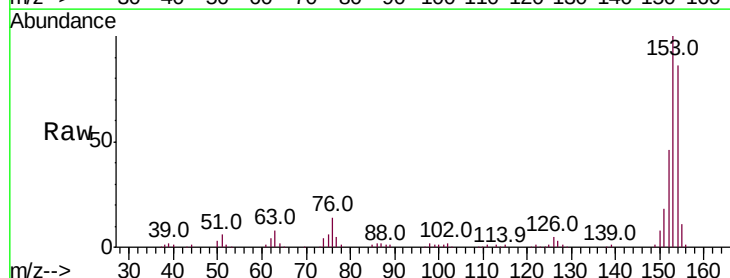


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

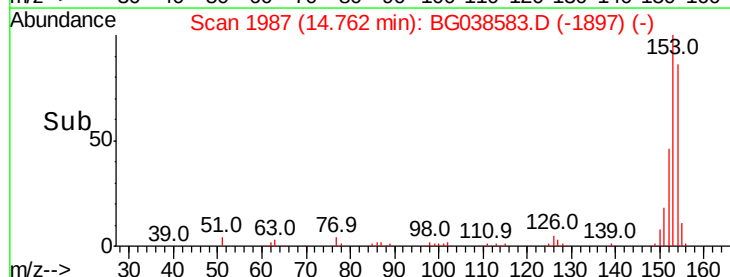
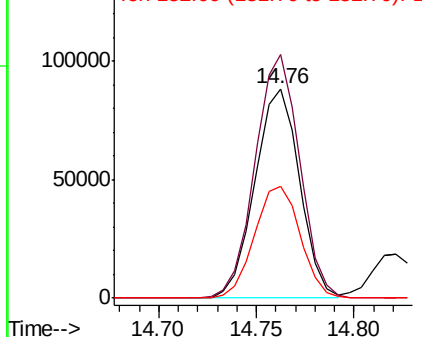


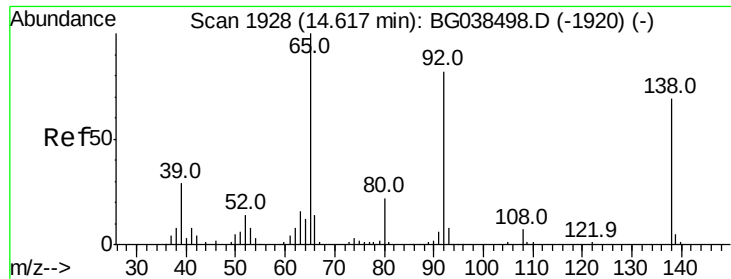
#52
Acenaphthene
Concen: 41.301 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.1	90.6	136.0
152	53.6	43.5	65.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





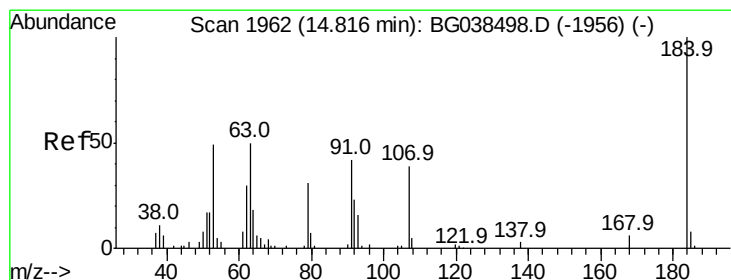
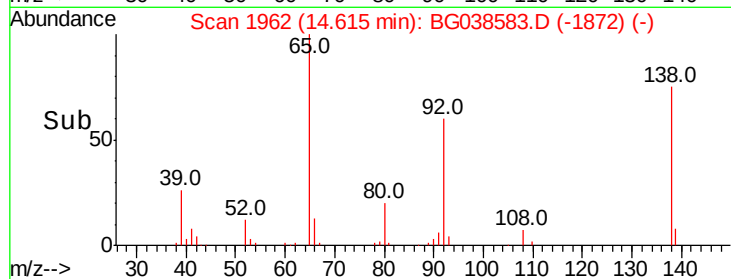
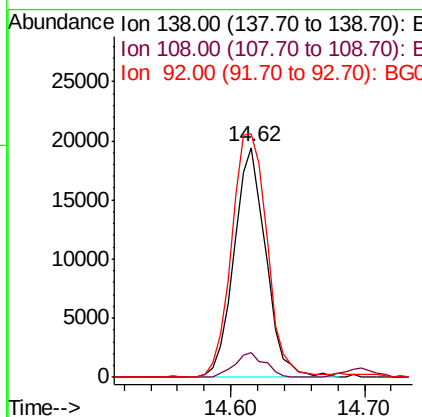
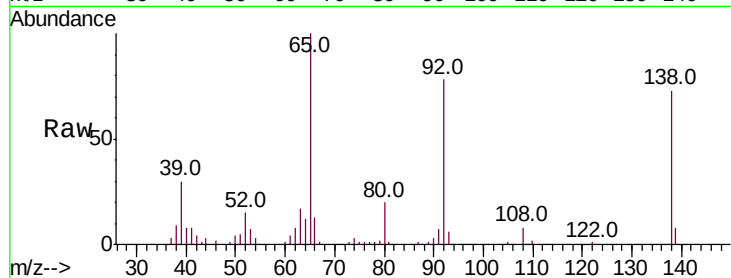
#53
3-Nitroaniline
Concen: 29.108 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	7.9	11.9
92	105.9	95.3	142.9

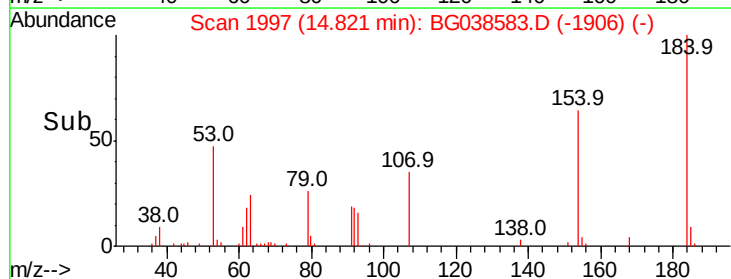
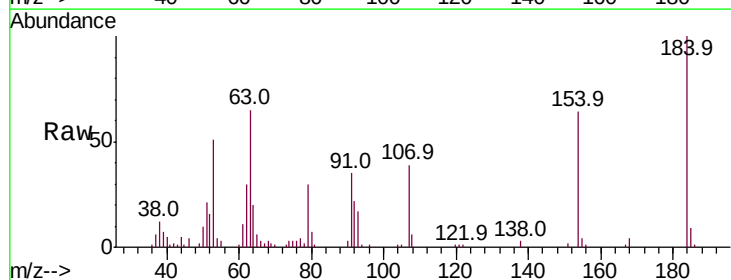
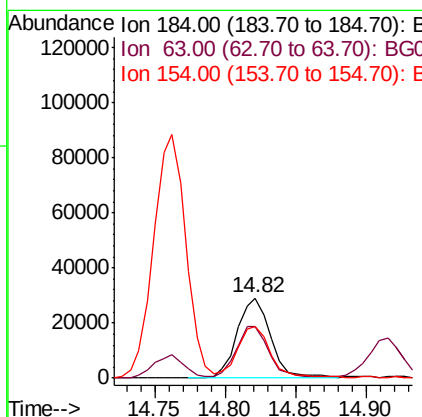
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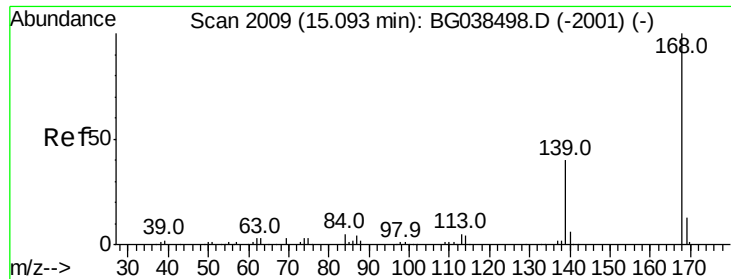
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#54
2,4-Dinitrophenol
Concen: 75.042 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.7	47.0	70.6
154	64.1	50.3	75.5





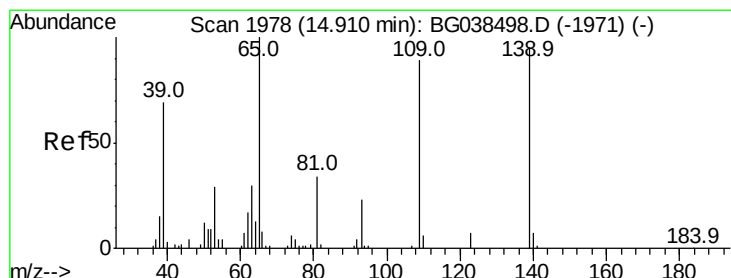
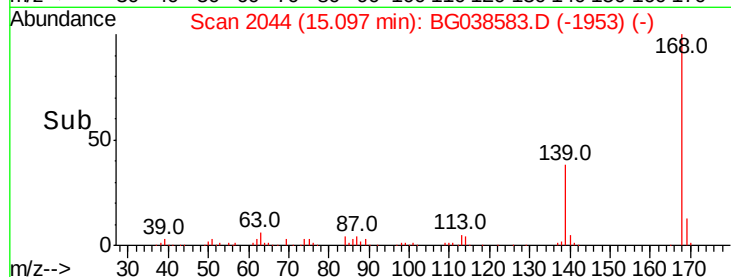
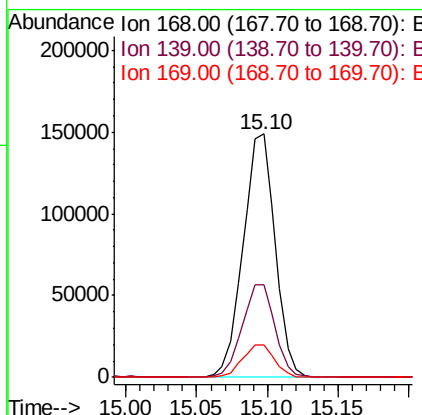
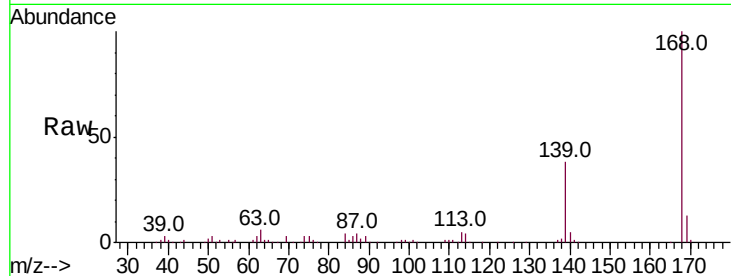
#55
Dibenzenofuran
Concen: 40.614 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	235911		
139	38.0		32.2	48.2
169	13.1		10.6	16.0

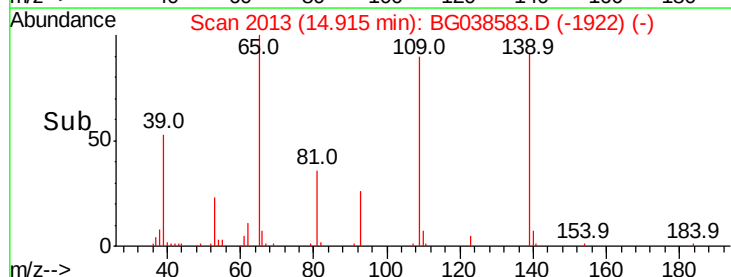
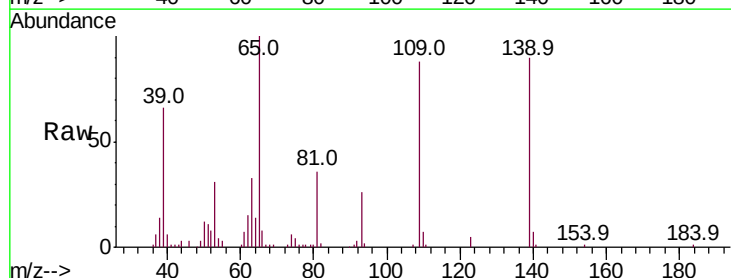
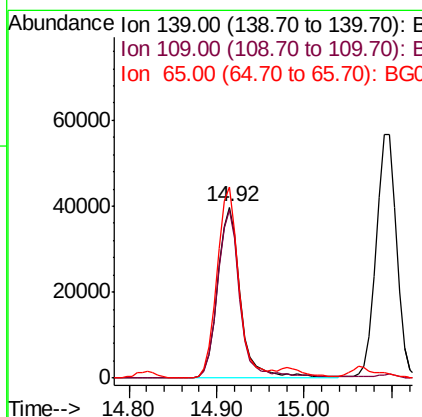
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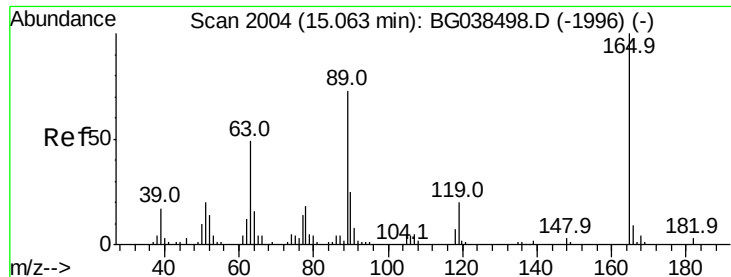
Sohil
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#56
4-Nitrophenol
Concen: 86.459 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	72432		
109	98.6		73.6	113.6
65	111.6		84.8	124.8





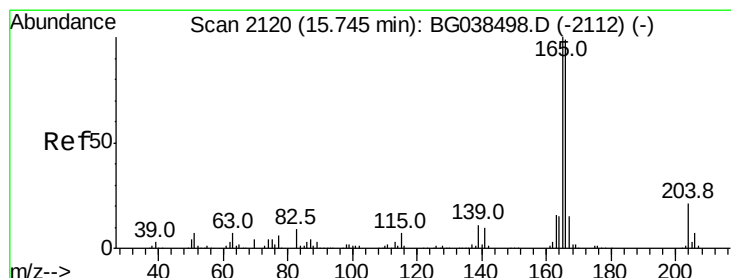
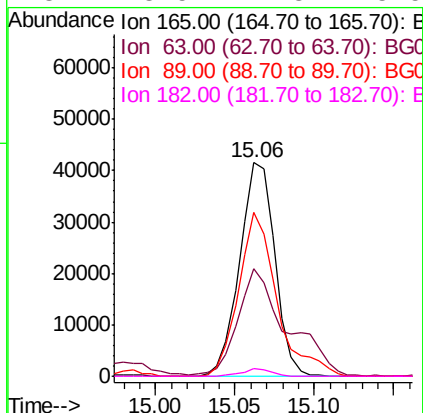
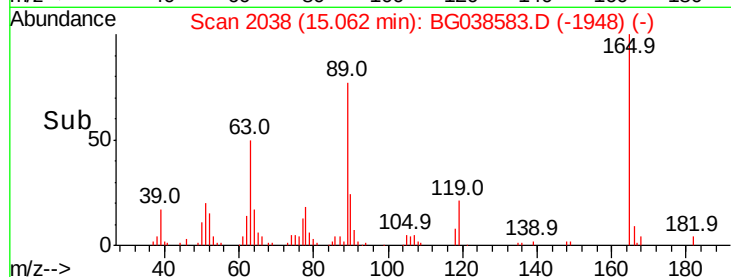
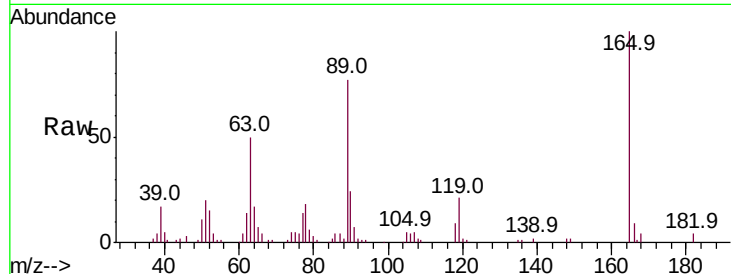
#57
2,4-Dinitrotoluene
Concen: 42.038 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.2	39.0	58.4
89	76.9	58.0	87.0
182	3.5	2.3	3.5#

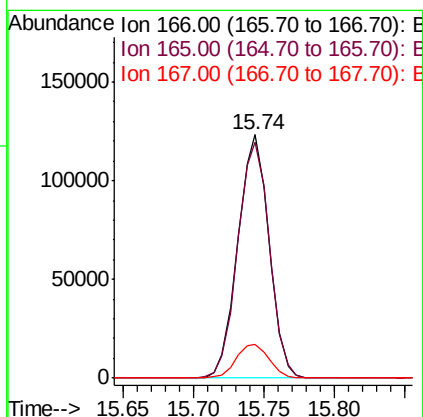
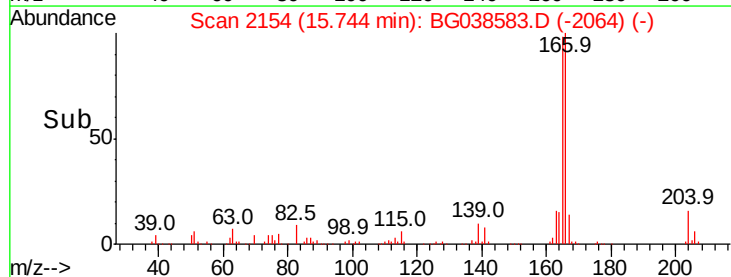
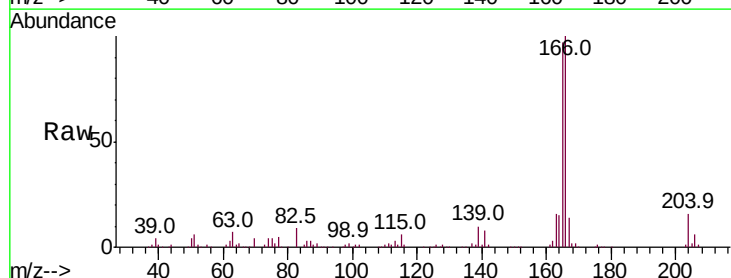
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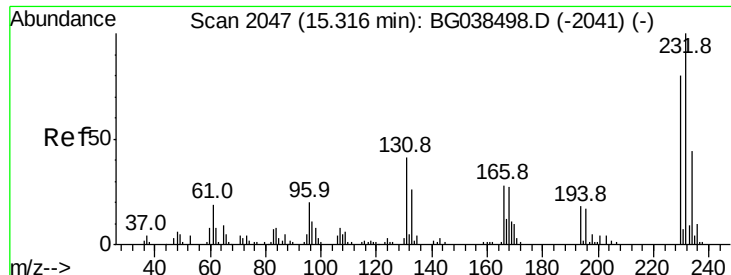
Sohil
12/17/2018 4:11:54 PM



#58
Fluorene
Concen: 44.131 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	80.6	120.8
167	13.9	12.0	18.0





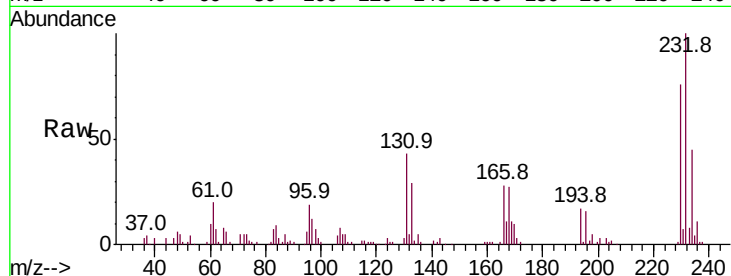
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.445 ng
 RT: 15.31 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	41.7	33.0	49.4
130	2.2	2.0	3.0
166	30.3	23.1	34.7

Manual Integrations
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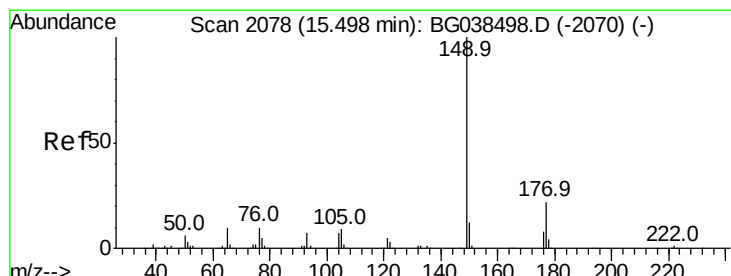
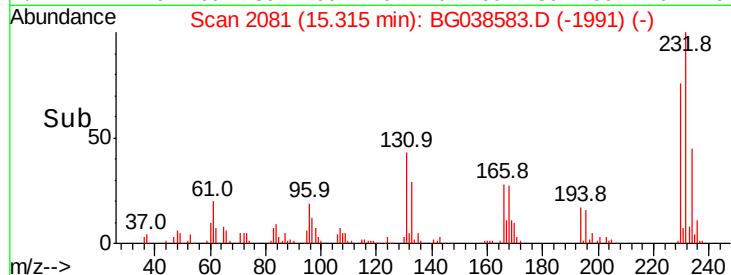
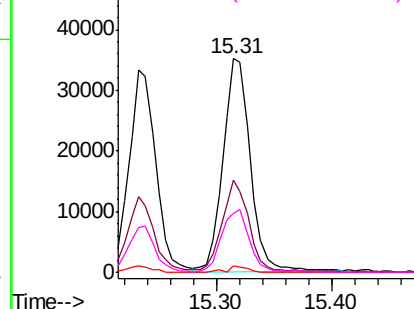
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.518 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

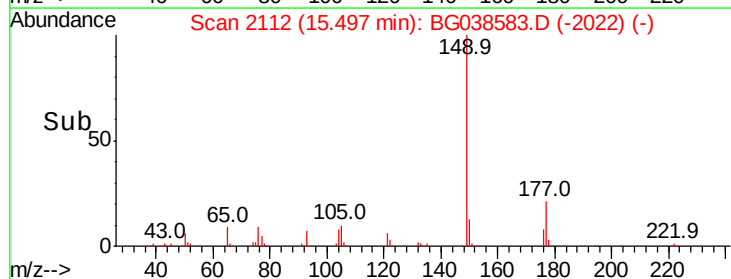
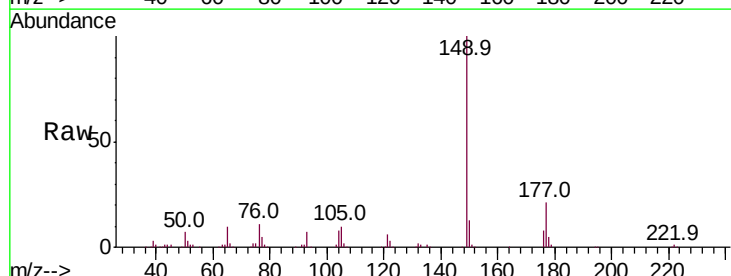
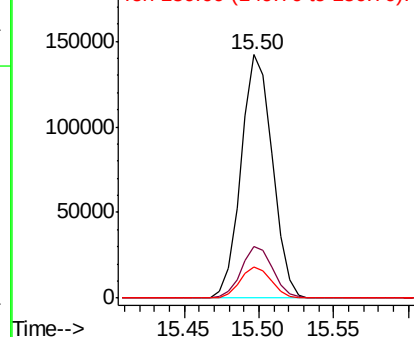
Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	21.4	17.7	26.5
150	12.8	9.9	14.9

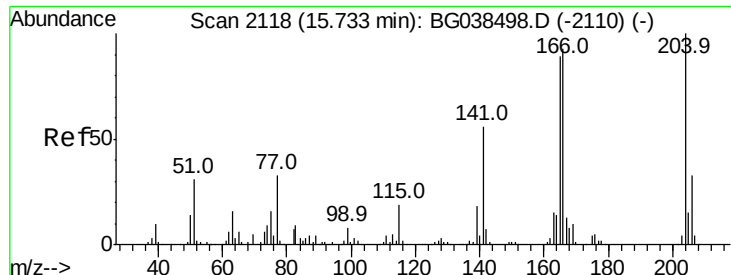
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





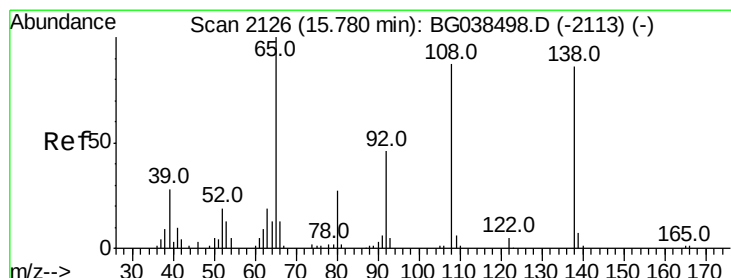
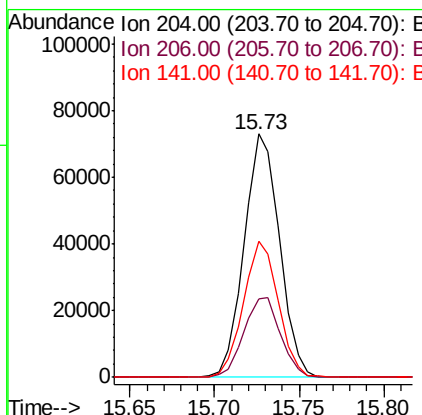
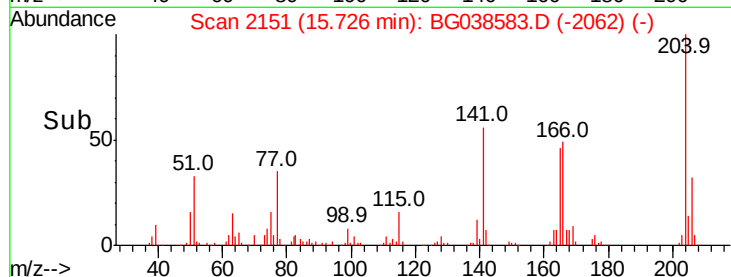
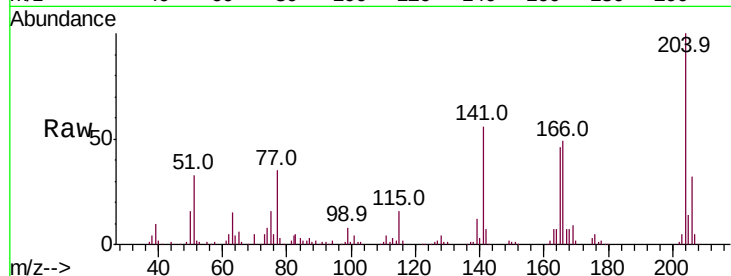
#61
 4-Chlorophenyl-phenylether
 Concen: 39.577 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Instrument :
 BNA_G
 ClientSampled :
 PB115631BS

Tot Ion:	204	Resp:	106269
Ion Ratio		Lower	Upper
204	100		
206	32.3	26.0	39.0
141	55.7	44.4	66.6

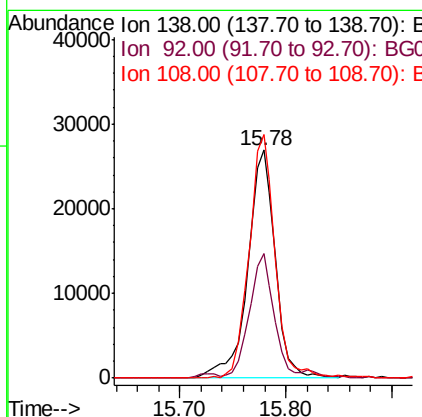
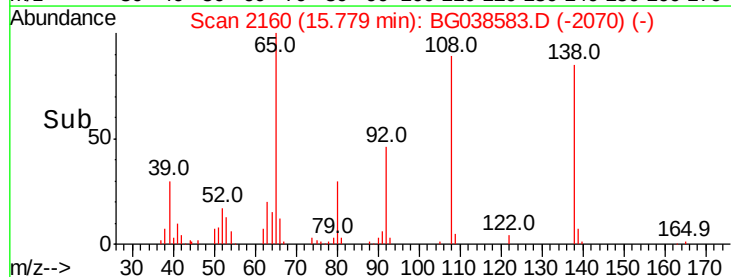
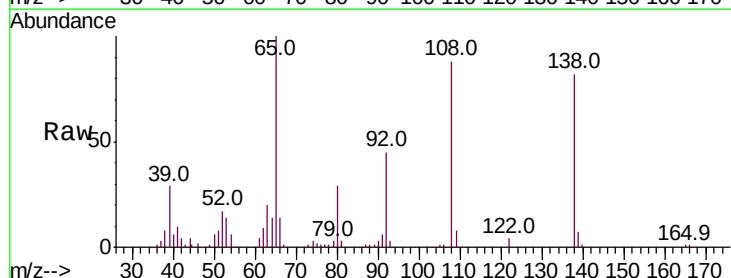
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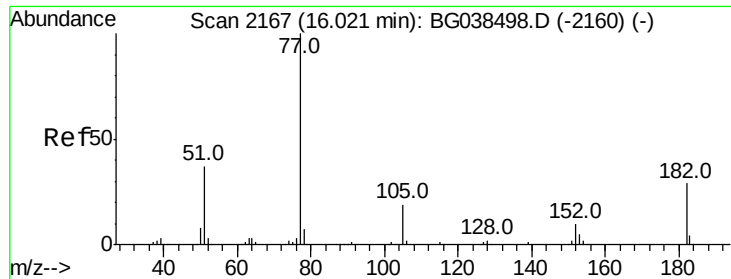
Sohil
 12/17/2018 4:11:54 PM



#62
 4-Nitroaniline
 Concen: 43.105 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion:	138	Resp:	49006
Ion Ratio		Lower	Upper
138	100		
92	54.6	33.3	73.3
108	106.8	81.4	121.4





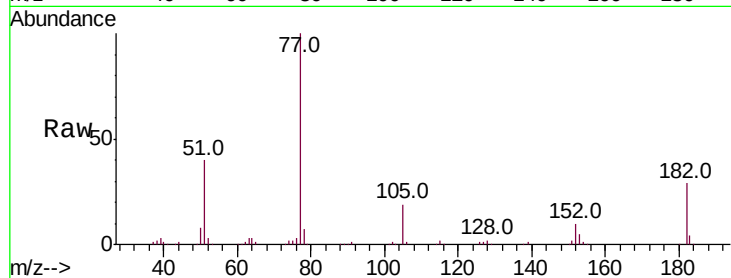
#63
Azobenzene
Concen: 40.467 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.7	8.7	48.7
105	18.7	0.0	38.7
51	39.6	16.6	56.6

Manual Integrations
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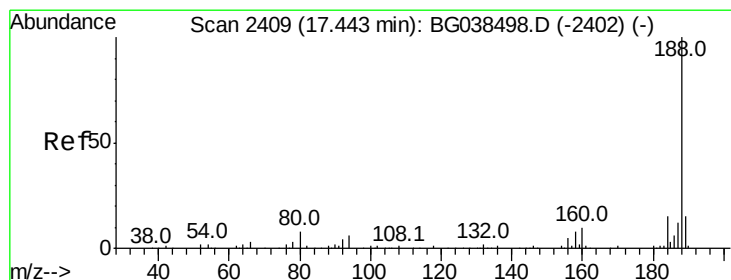
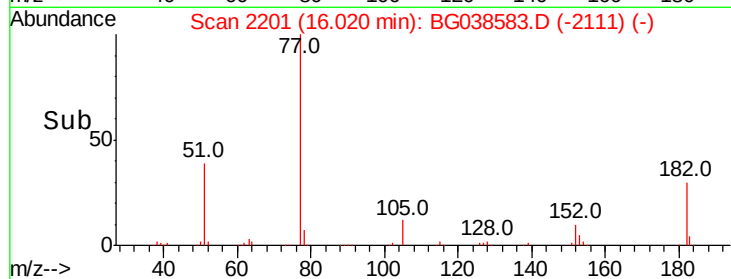
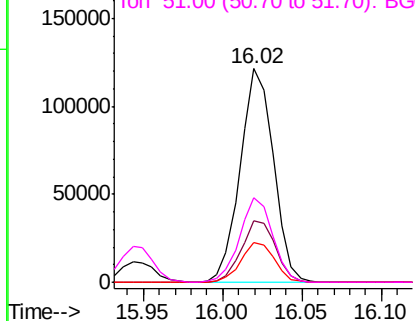
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

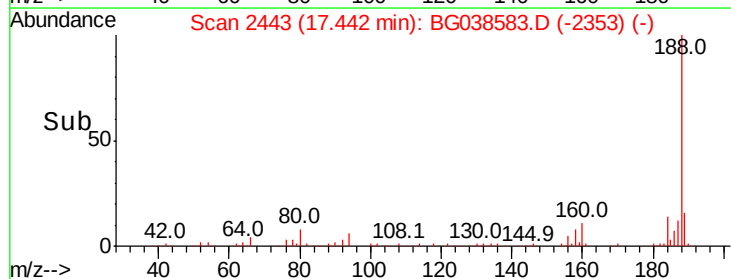
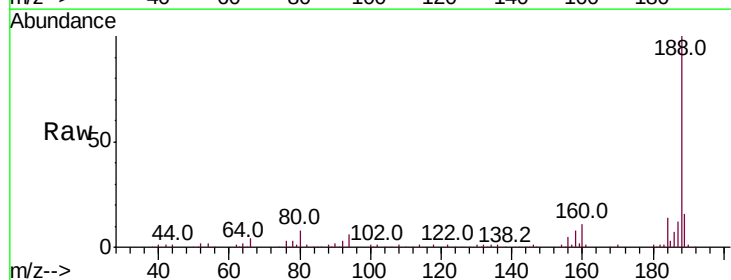
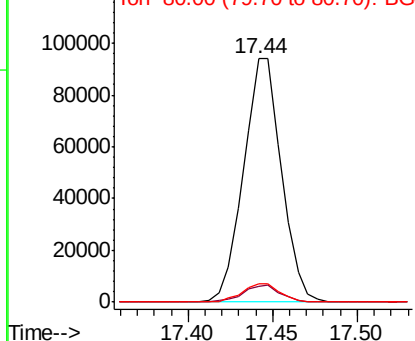
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.1	7.7
80	7.6	6.1	9.1

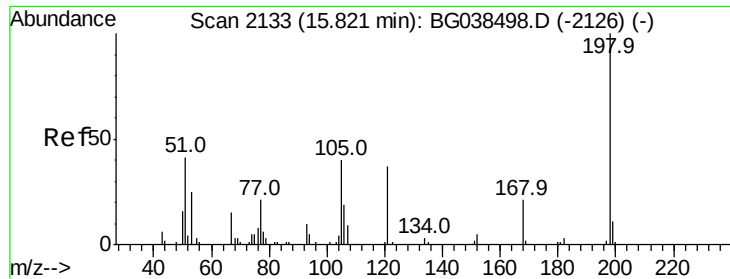
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





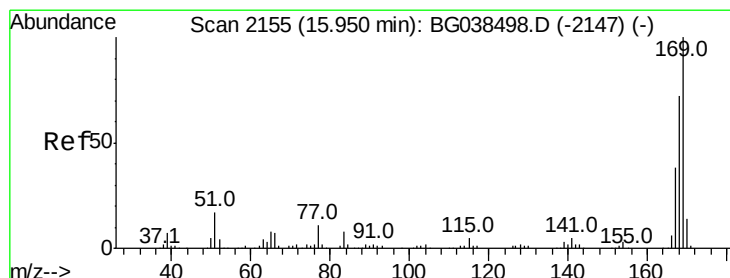
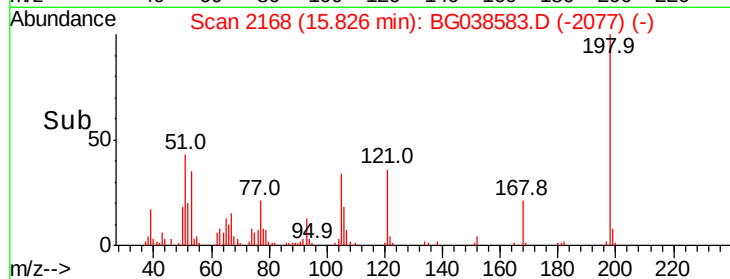
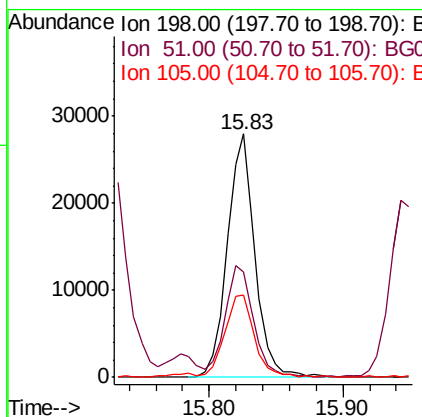
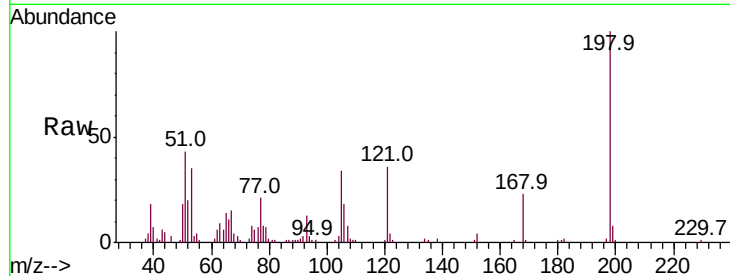
#65
4,6-Dinitro-2-methylphenol
Concen: 38.566 ng
RT: 15.83 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.5	28.6	68.6
105	33.8	20.4	60.4

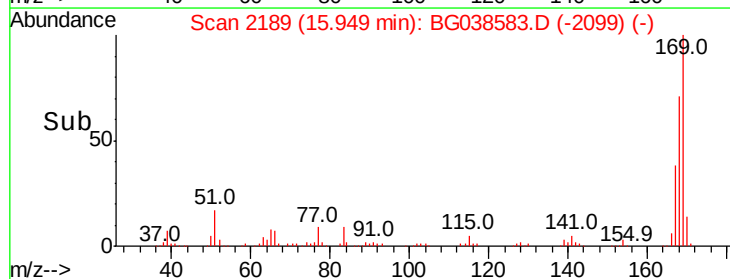
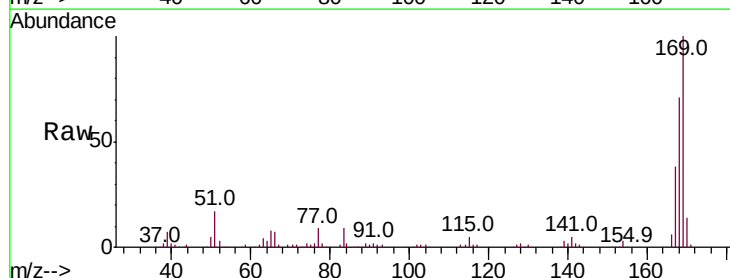
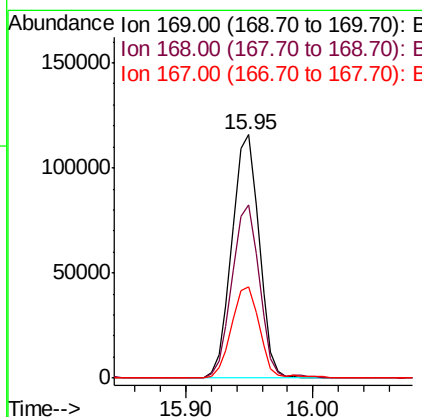
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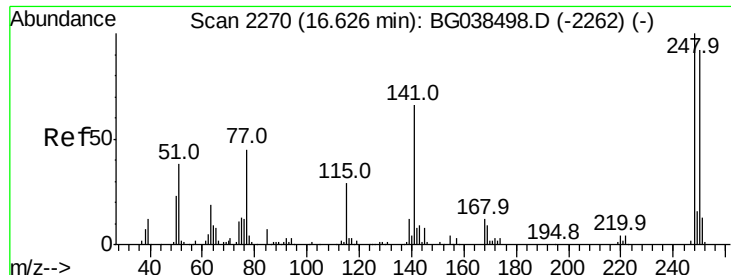
Sohil
12/17/2018 4:11:54 PM



#66
n-Nitrosodiphenylamine
Concen: 39.775 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.1	57.5	86.3
167	37.7	30.2	45.2





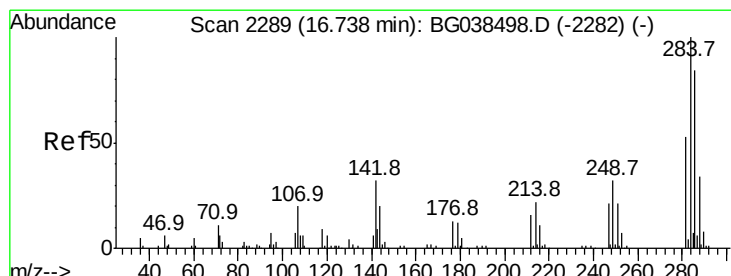
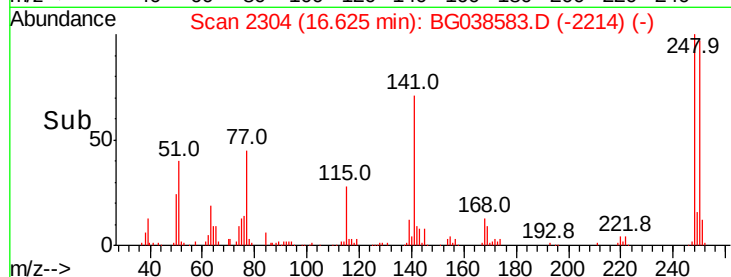
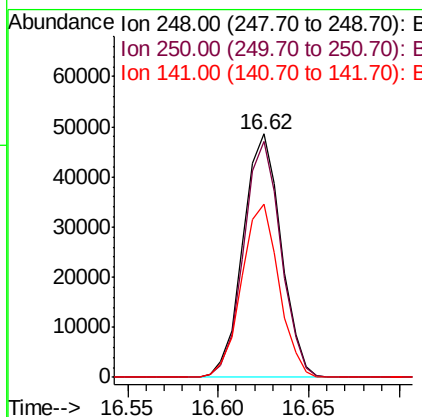
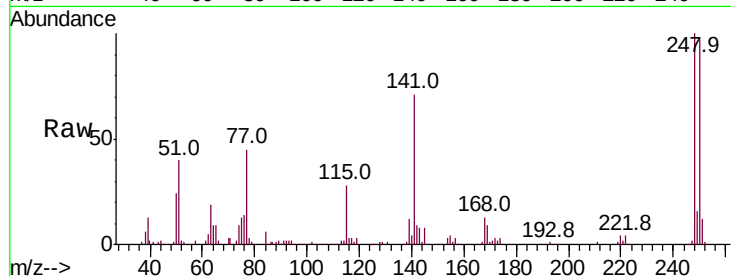
#67
 4-Bromophenyl-phenylether
 Concen: 39.642 ng
 RT: 16.62 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	73.4	110.2
141	70.9	52.9	79.3

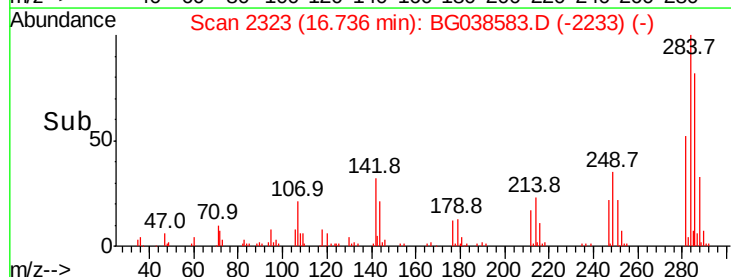
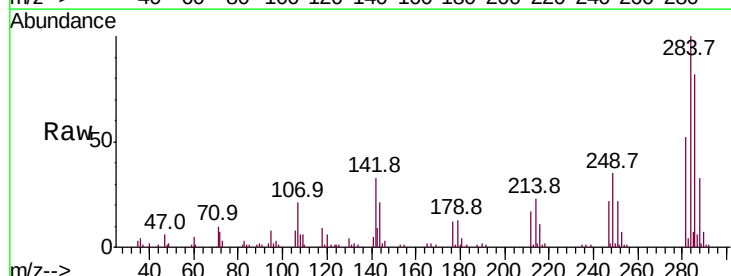
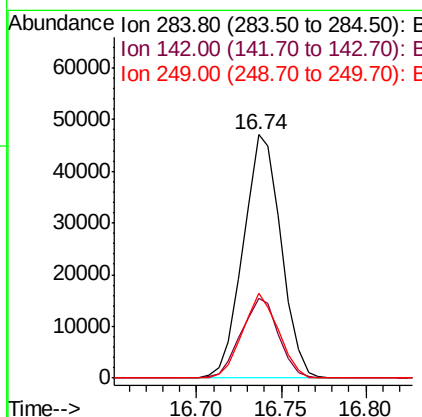
Manual Integrations
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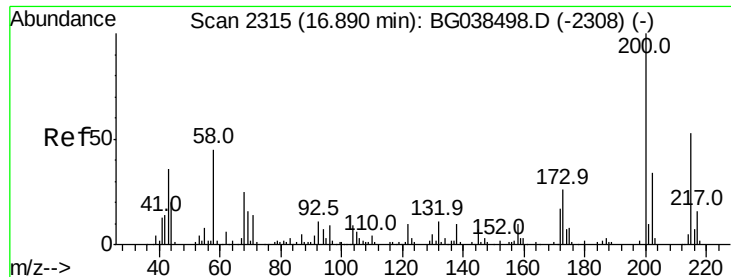
Sohil
 12/17/2018 4:11:54 PM



#68
 Hexachlorobenzene
 Concen: 39.340 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	25.8	38.6
249	36.8	27.0	40.4





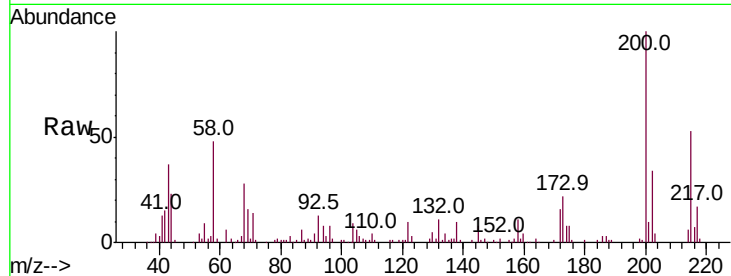
#69
Atrazine
Concen: 45.330 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

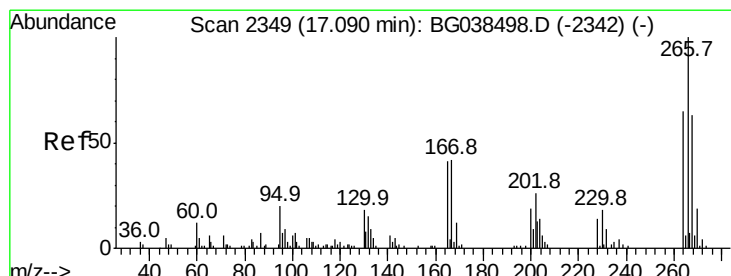
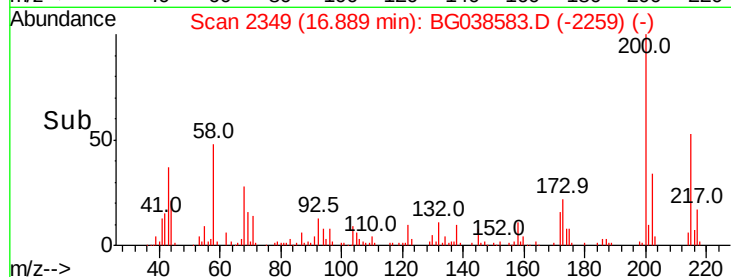
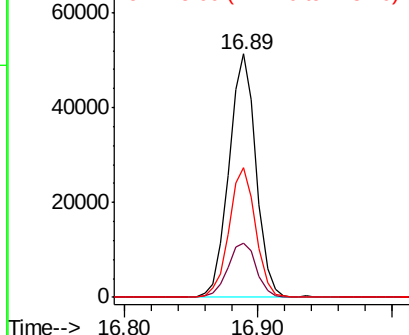
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.1	5.9	45.9
215	53.3	33.1	73.1

Manual Integrations
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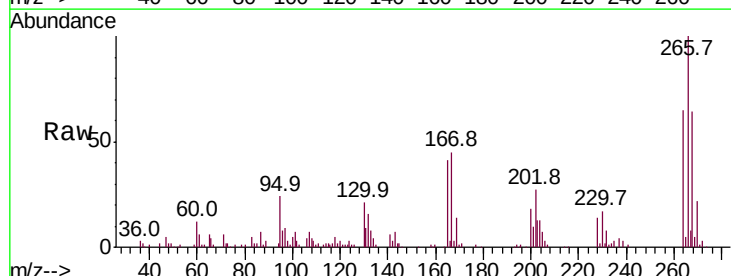


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

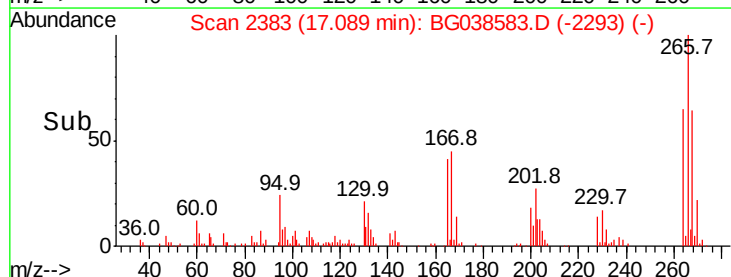
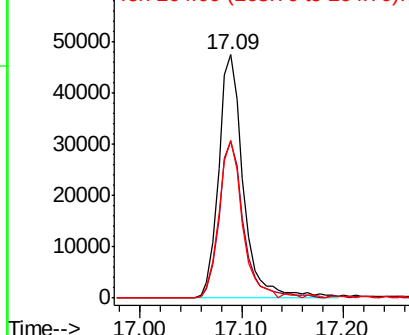


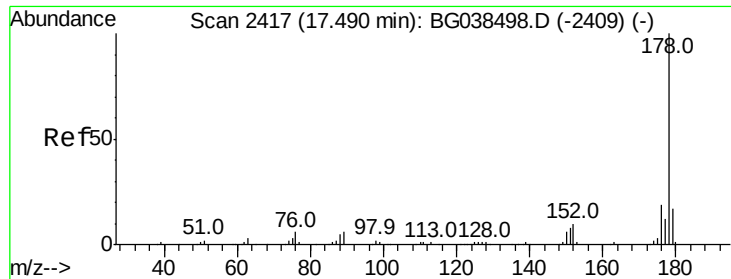
#70
Pentachlorophenol
Concen: 73.164 ng
RT: 17.09 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.2	55.0	82.6
264	70.2	56.7	85.1



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





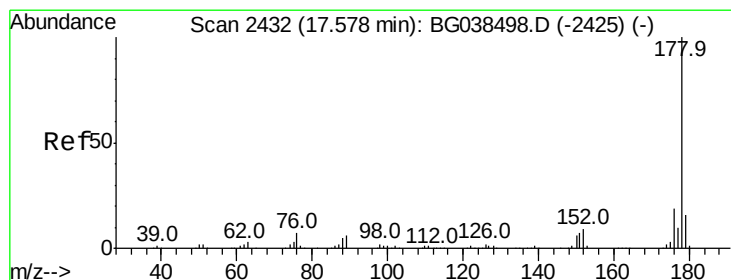
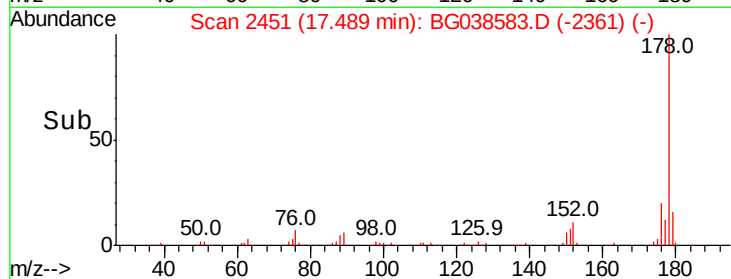
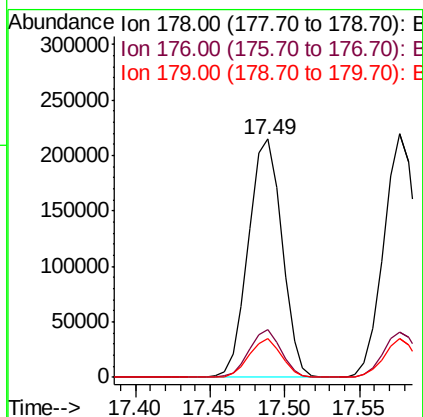
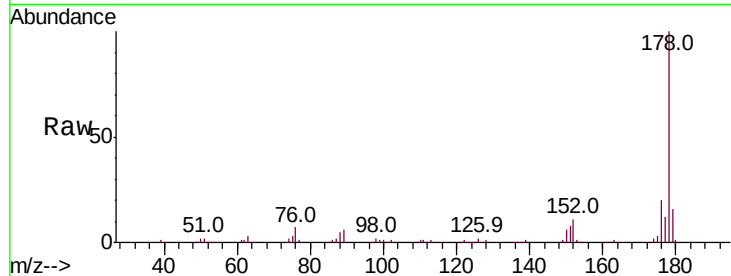
#71
Phenanthrene
Concen: 44.008 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	16.3	13.2	19.8

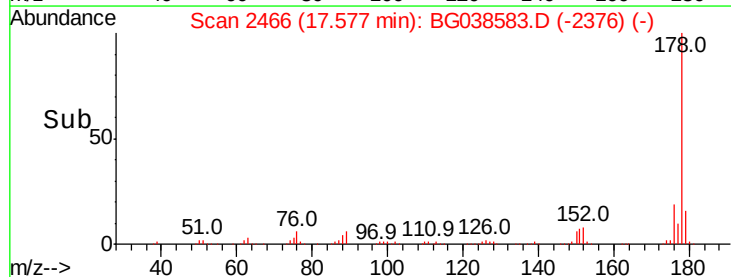
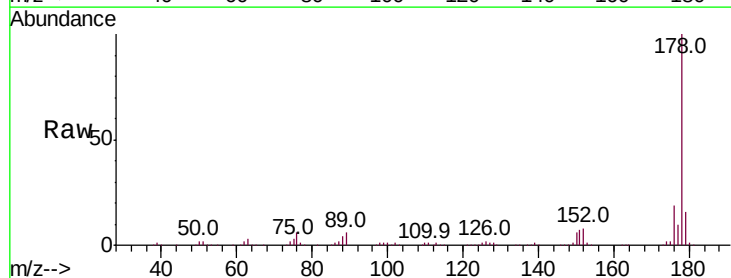
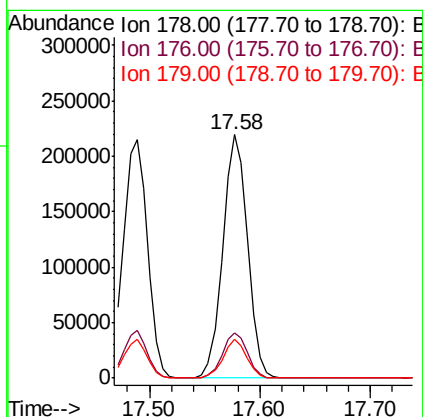
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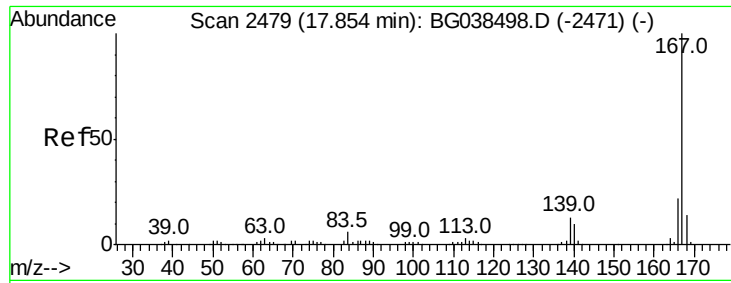
Sohil
12/17/2018 4:11:54 PM



#72
Anthracene
Concen: 45.599 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.8	12.9	19.3





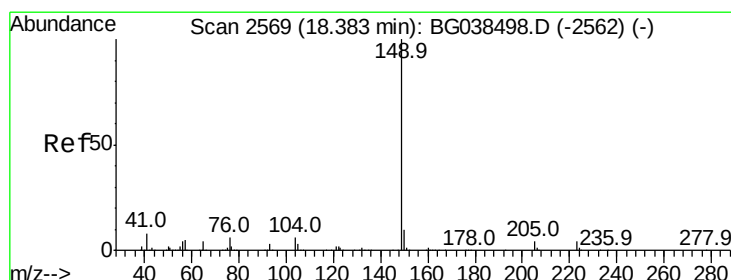
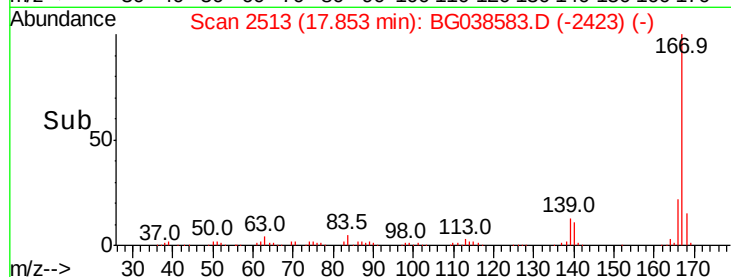
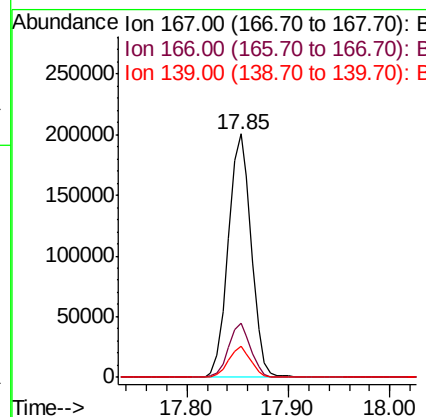
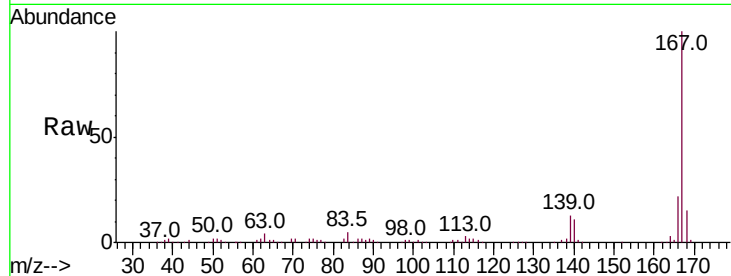
#73
 Carbazole
 Concen: 42.481 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	22.3	17.9	26.9	
139	12.8	10.2	15.2	

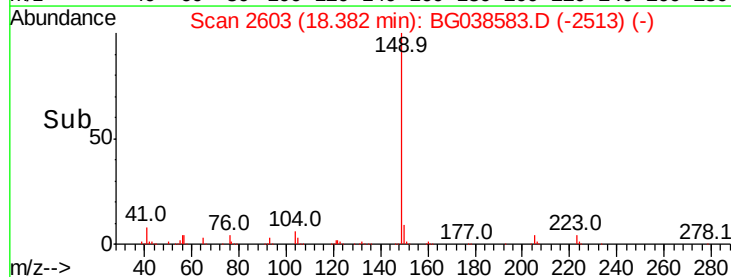
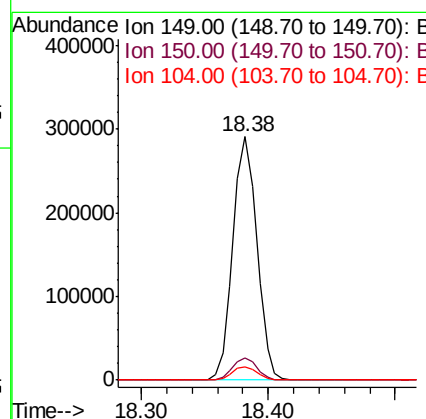
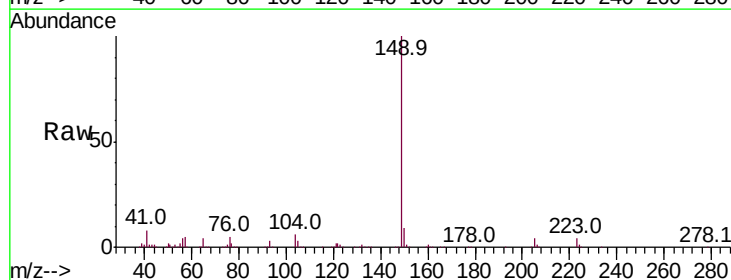
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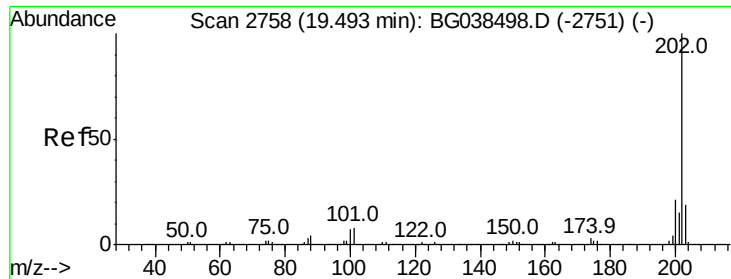
Sohil
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#74
 Di-n-butylphthalate
 Concen: 44.643 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.6	11.4	
104	5.6	5.0	7.4	





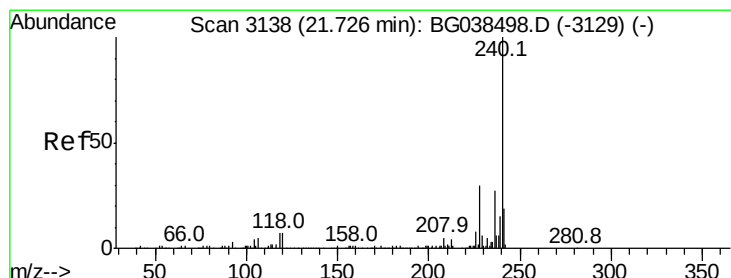
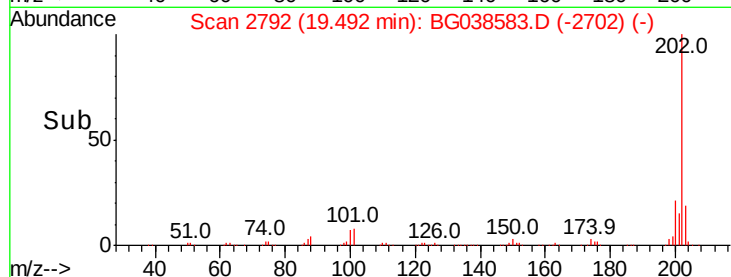
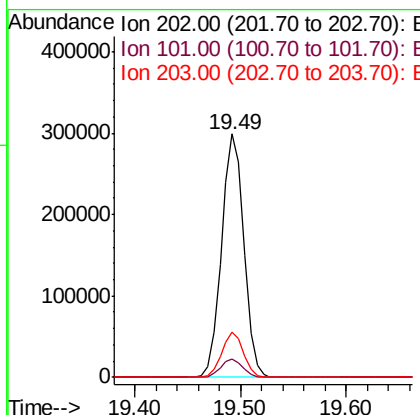
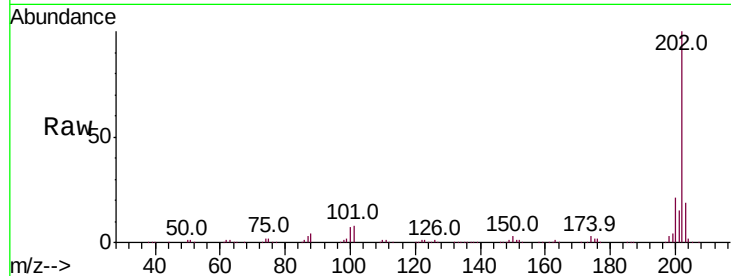
#75
Fluoranthene
 Concen: 46.406 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.6	0.0	28.1
203	18.5	0.0	39.0

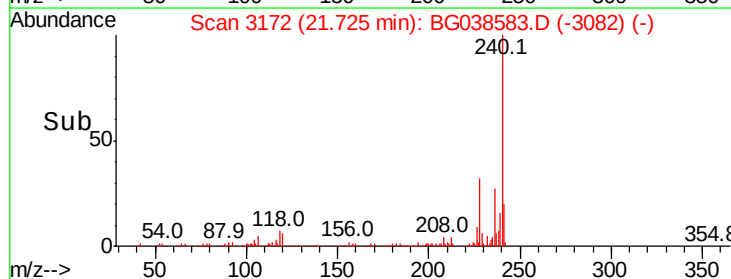
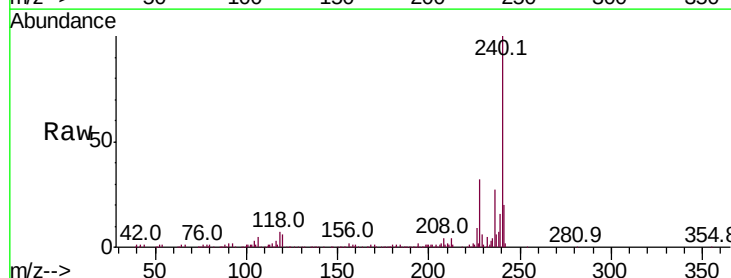
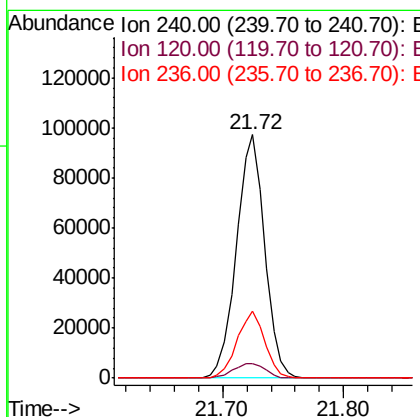
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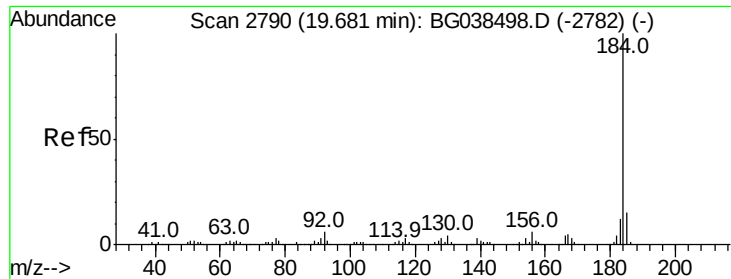
Sohil
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#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.0	5.3	7.9
236	27.3	21.4	32.2





#77

Benzidine

Concen: 48.325 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

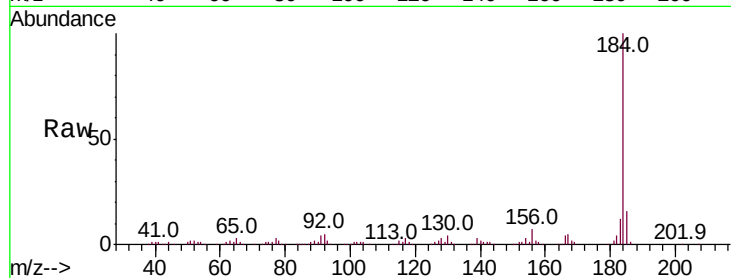
ClientSampleId :

PB115631BS

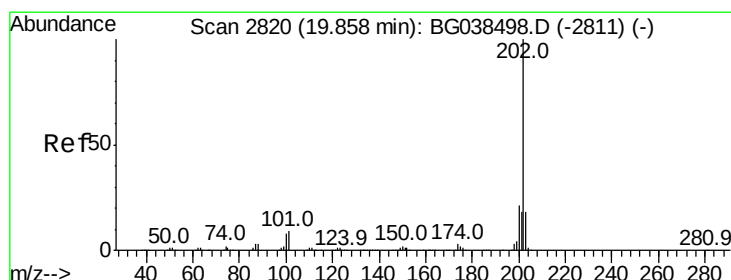
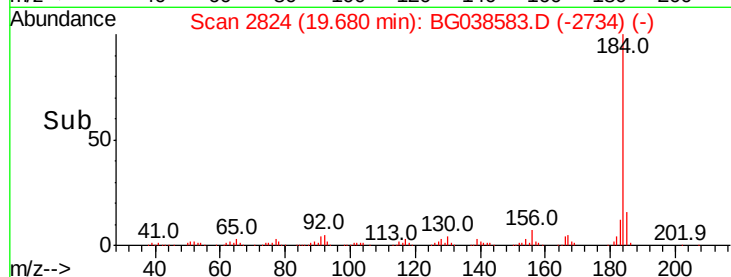
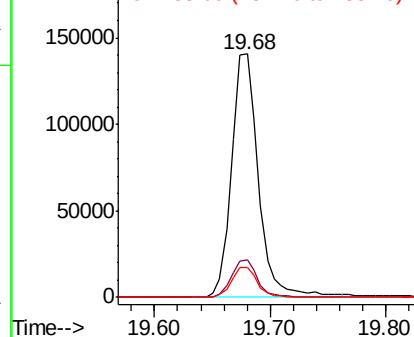
Tot Ion:	184	Resp:	226346
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.2	18.2
183	12.2	9.6	14.4

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



#78

Pyrene

Concen: 41.476 ng

RT: 19.86 min Scan# 2854

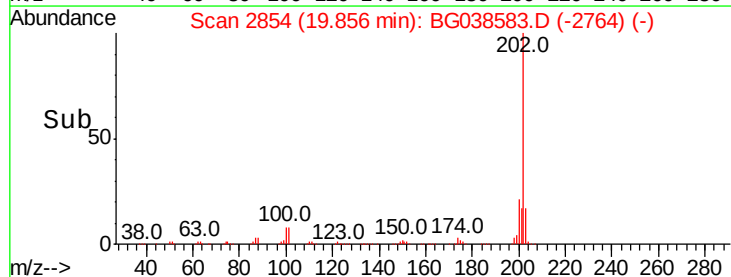
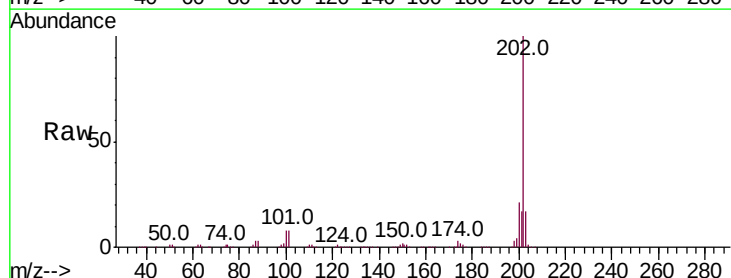
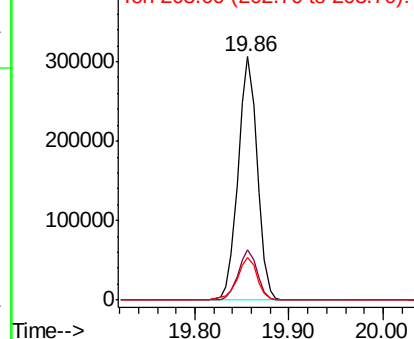
Delta R.T. -0.00 min

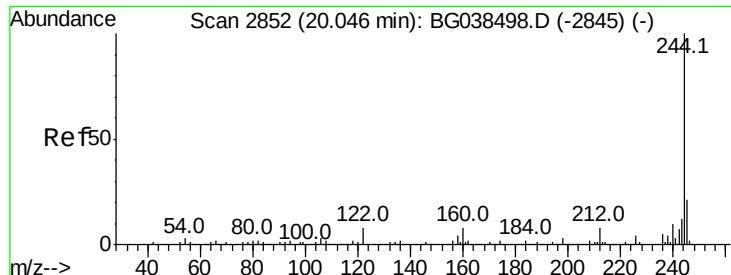
Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Tgt Ion:	202	Resp:	433950
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.6	25.0
203	17.3	14.6	21.8

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





#79

Terphenyl-d14

Concen: 84.826 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

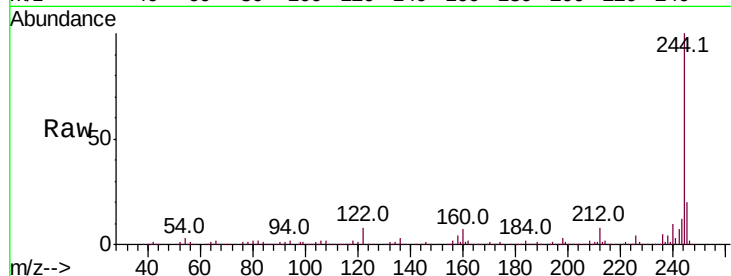
ClientSampleId :

PB115631BS

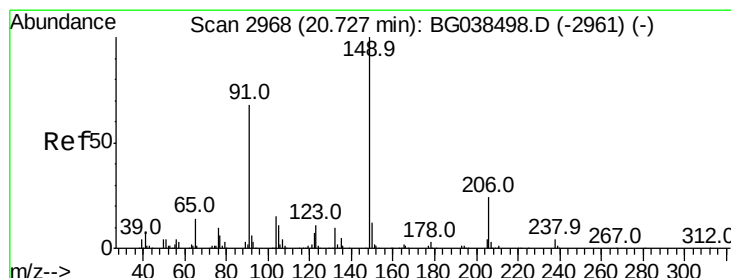
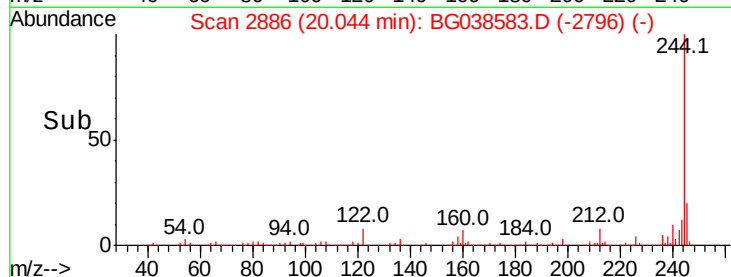
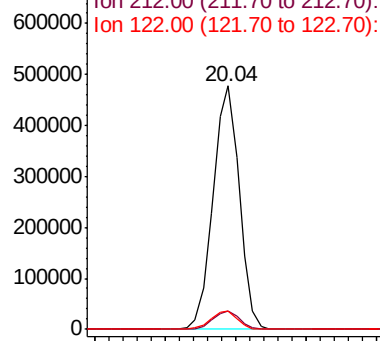
Tot Ion:	244	Resp:	617296
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.2	9.2
122	7.5	6.3	9.5

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



#80

Butylbenzylphthalate

Concen: 42.948 ng

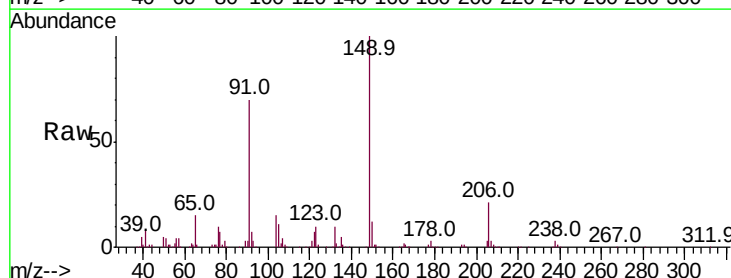
RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

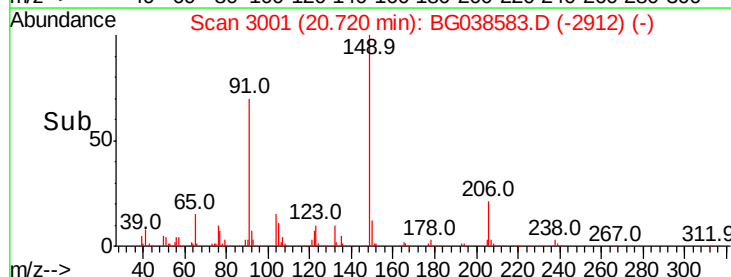
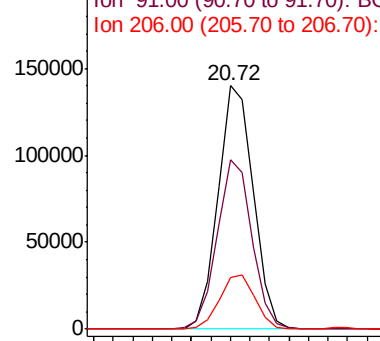
Lab File: BG038583.D

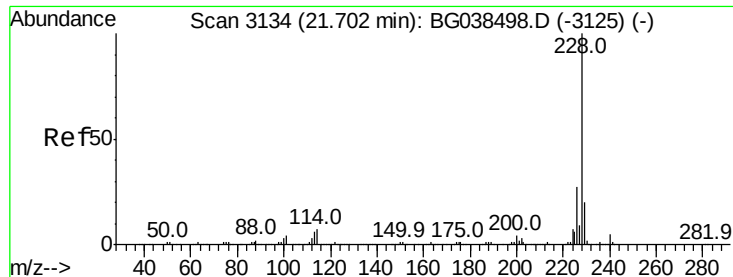
Acq: 15 Dec 2018 1:03

Tgt Ion:	149	Resp:	175559
Ion Ratio	Lower	Upper	
149	100		
91	69.8	54.5	81.7
206	21.4	19.0	28.6



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





#81

Benzo(a)anthracene

Concen: 44.630 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Instrument :

BNA_G

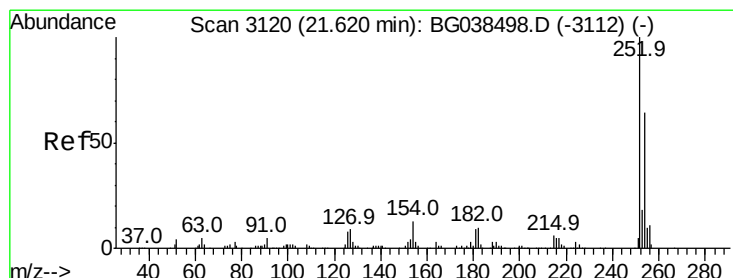
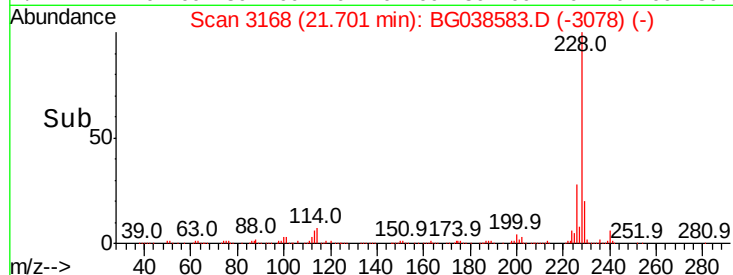
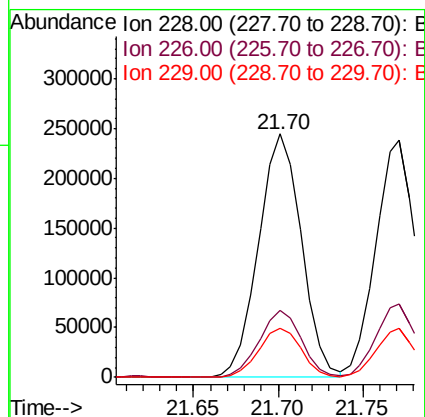
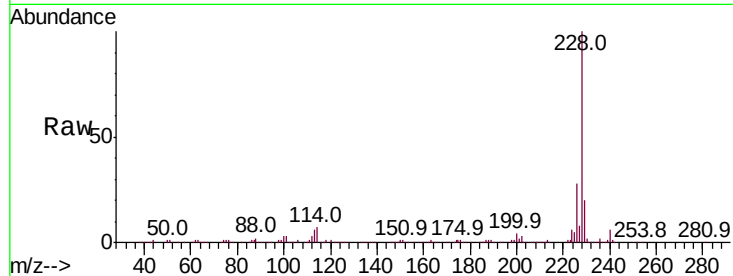
ClientSampleId :

PB115631BS

Tot Ion:	228	Resp:	430709
Ion Ratio	Lower	Upper	
228	100		
226	27.7	21.8	32.8
229	19.9	15.8	23.6

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#82

3,3'-Dichlorobenzidine

Concen: 28.995 ng

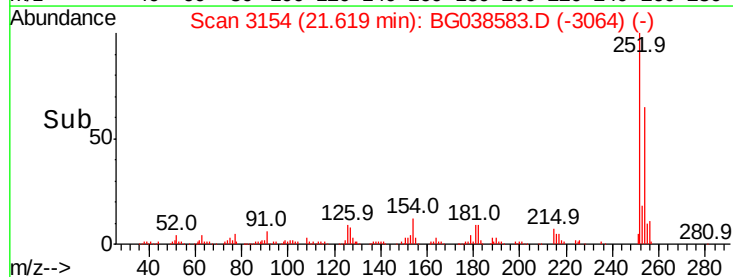
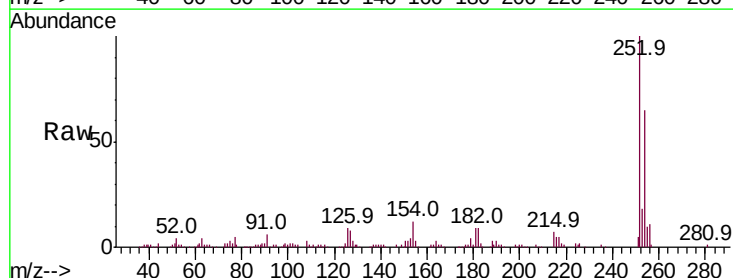
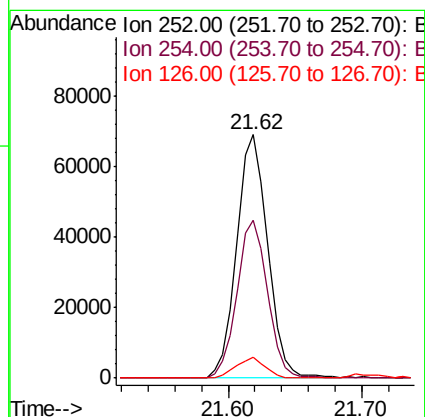
RT: 21.62 min Scan# 3154

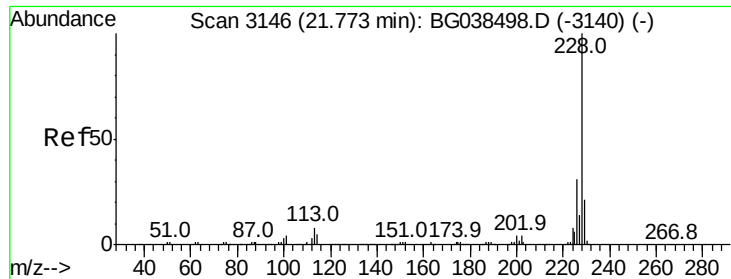
Delta R.T. -0.00 min

Lab File: BG038583.D

Acq: 15 Dec 2018 1:03

Tgt Ion:	252	Resp:	110978
Ion Ratio	Lower	Upper	
252	100		
254	65.1	50.9	76.3
126	8.5	6.3	9.5





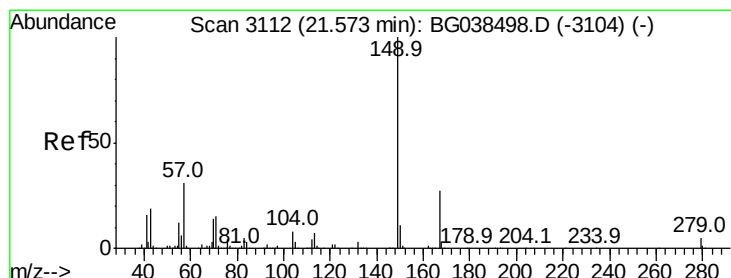
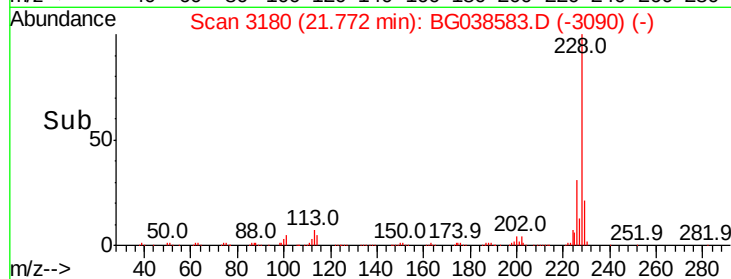
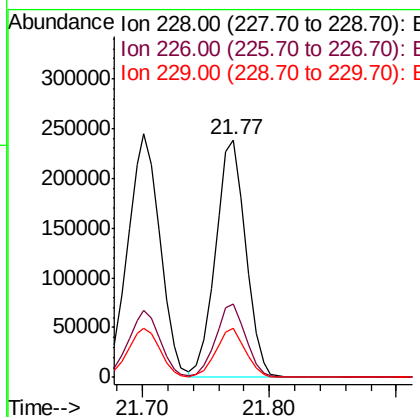
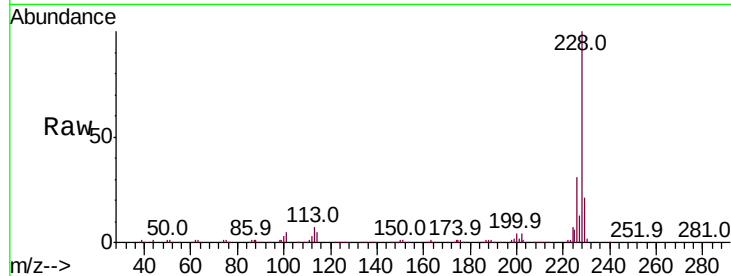
#83
 Chrysene
 Concen: 42.281 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	393023		
226	31.0	25.0	37.4	
229	20.5	16.5	24.7	

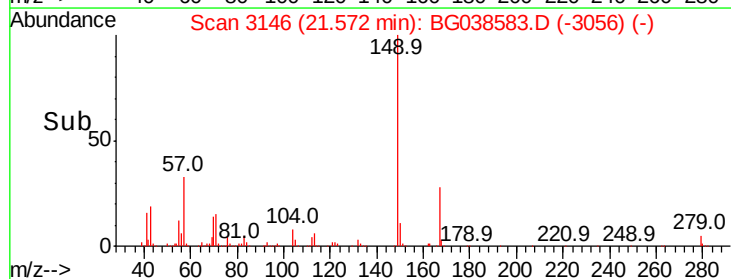
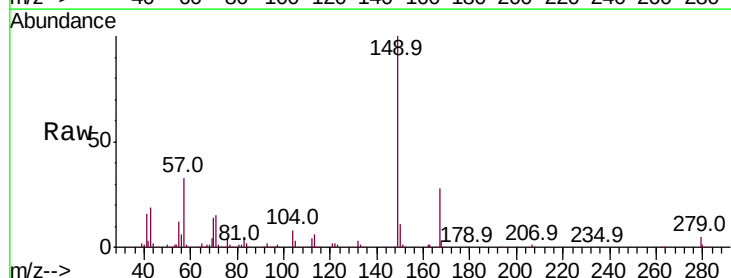
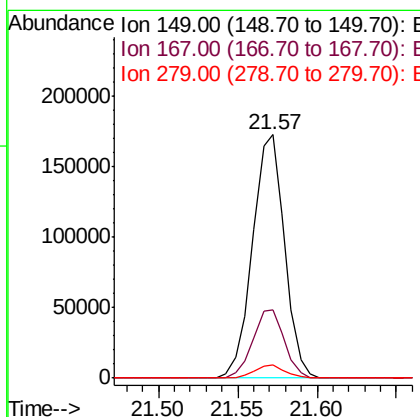
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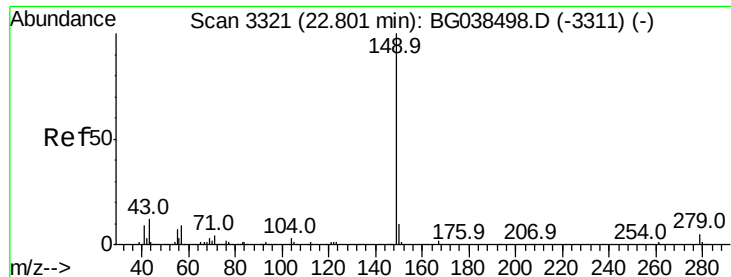
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.812 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	242405		
167	28.2	21.9	32.9	
279	5.4	4.2	6.2	





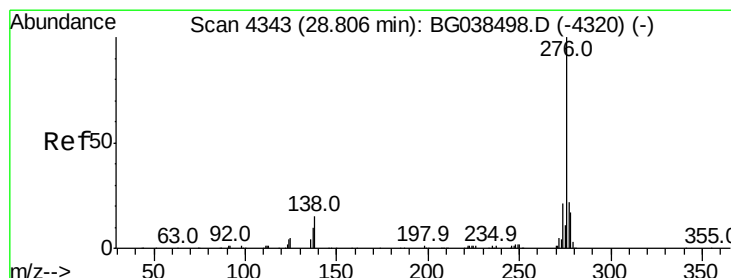
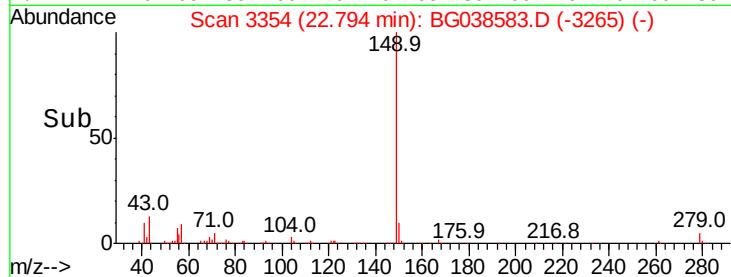
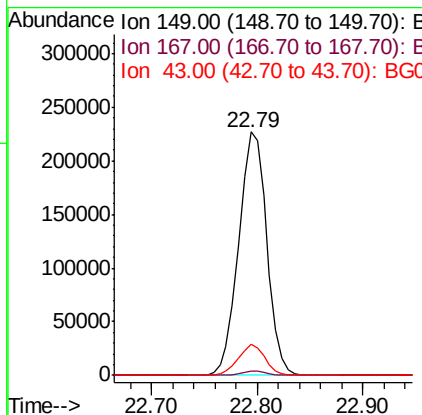
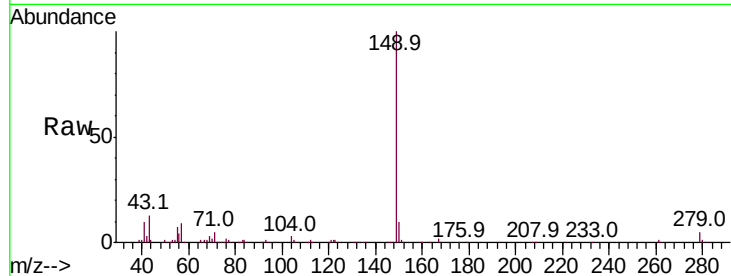
#85
Di-n-octyl phthalate
Concen: 43.001 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.7	1.2	1.8
43	12.3	9.3	13.9

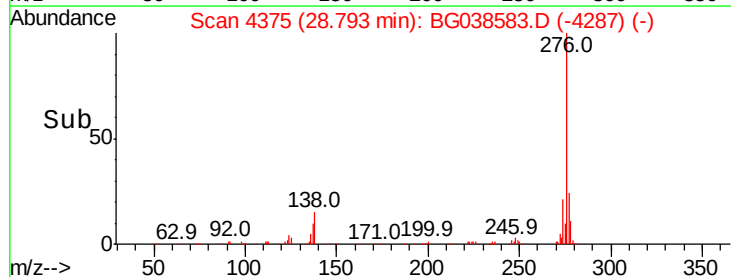
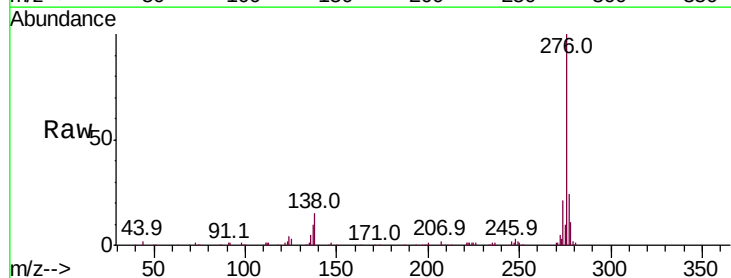
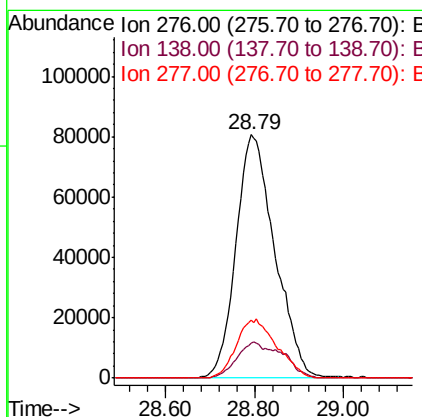
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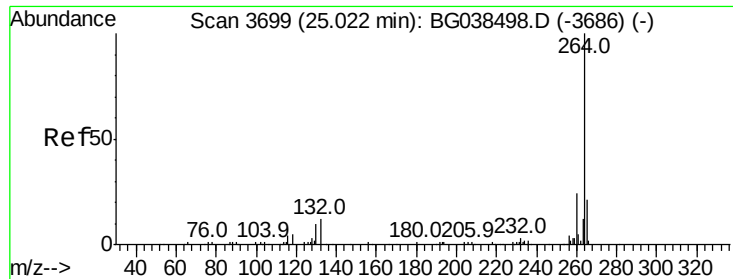
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 44.490 ng
RT: 28.79 min Scan# 4375
Delta R.T. -0.01 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

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





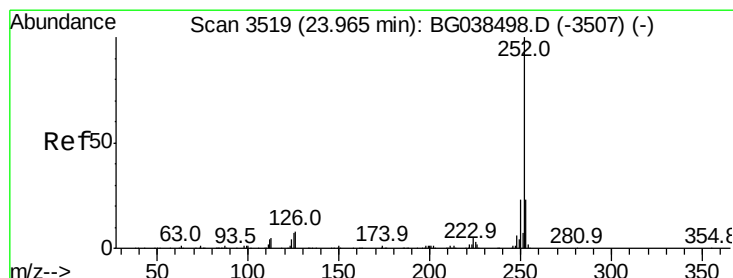
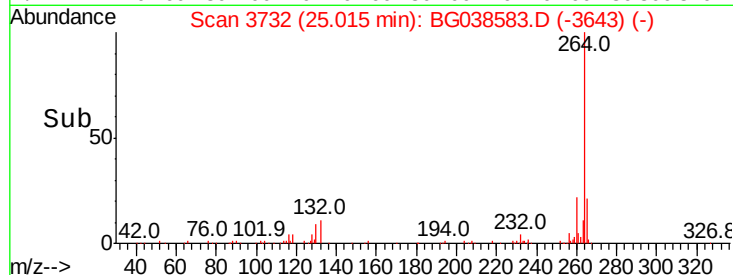
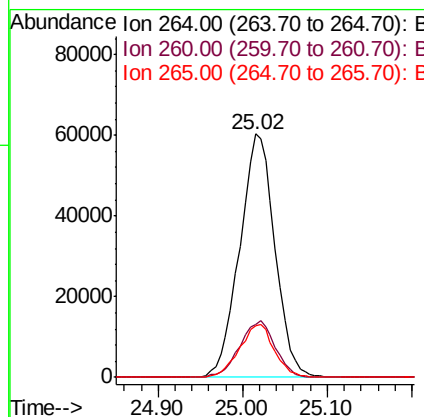
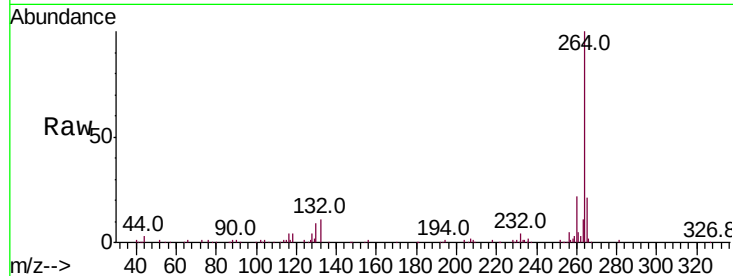
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3732
 Delta R.T. -0.01 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Instrument :
 BNA_G
 ClientSampleId :
 PB115631BS

Tot Ion:	264	Resp:	174107
Ion Ratio	Lower	Upper	
264	100		
260	22.0	18.9	28.3
265	21.2	17.0	25.4

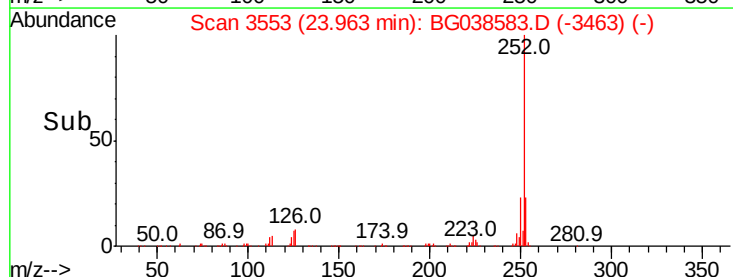
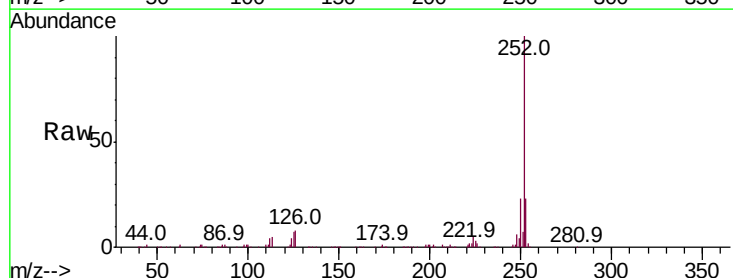
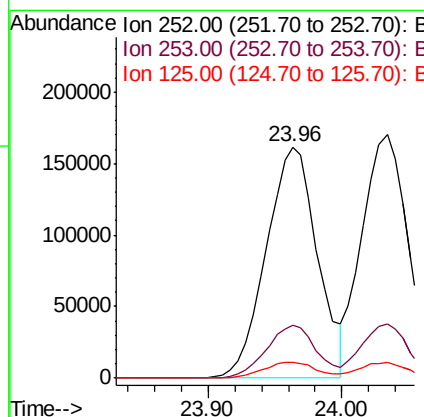
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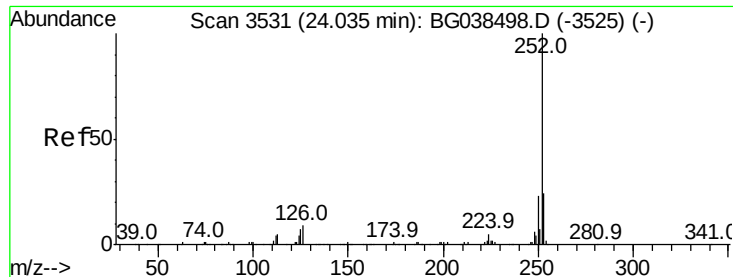
Sohil
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#88
 Benzo(b)fluoranthene
 Concen: 44.992 ng
 RT: 23.96 min Scan# 3553
 Delta R.T. -0.00 min
 Lab File: BG038583.D
 Acq: 15 Dec 2018 1:03

Tgt Ion:	252	Resp:	430082
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.1	27.1
125	6.8	5.5	8.3





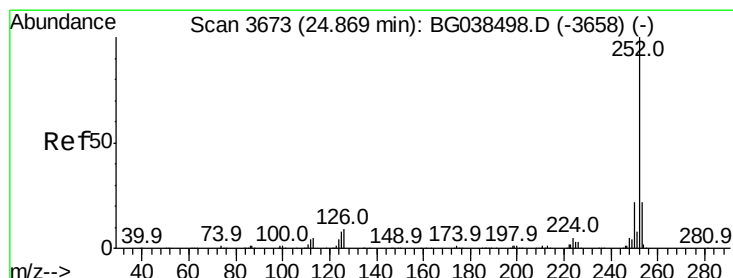
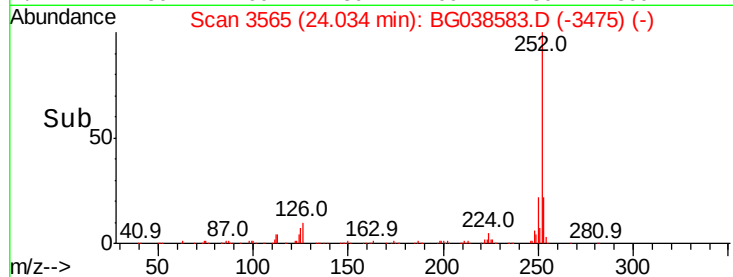
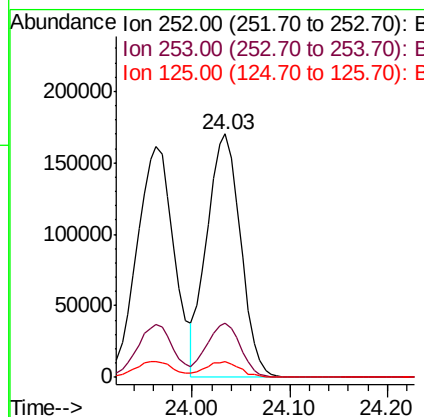
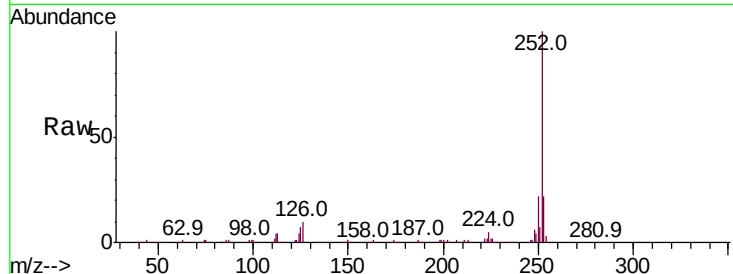
#89
Benzo(k)fluoranthene
Concen: 42.765 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.9	28.3
125	6.7	5.4	8.2

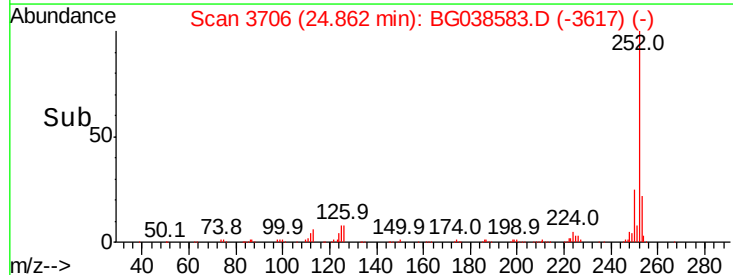
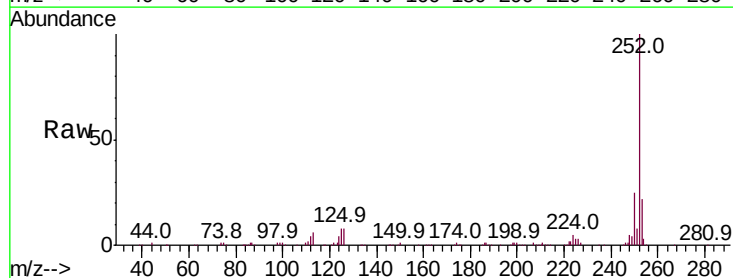
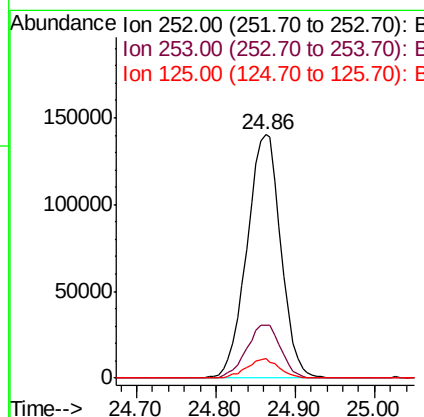
Manual Integrations
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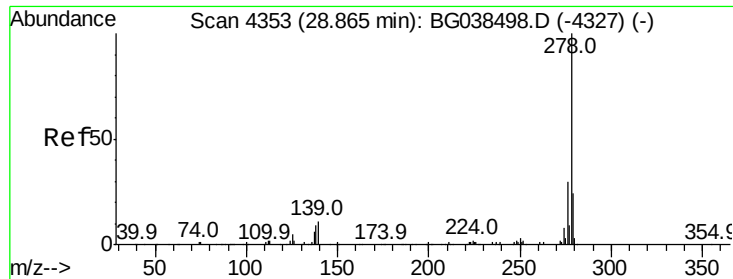
Sohil
12/17/2018 4:11:54 PM



#90
Benzo(a)pyrene
Concen: 45.248 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	7.9	6.4	9.6





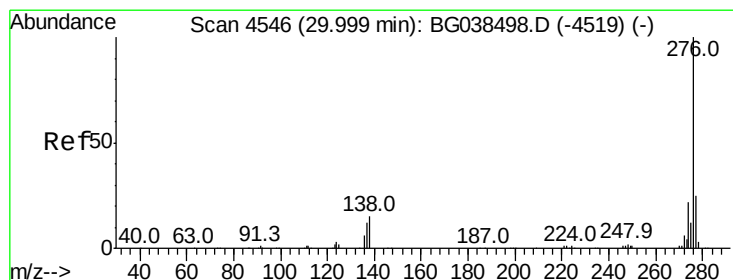
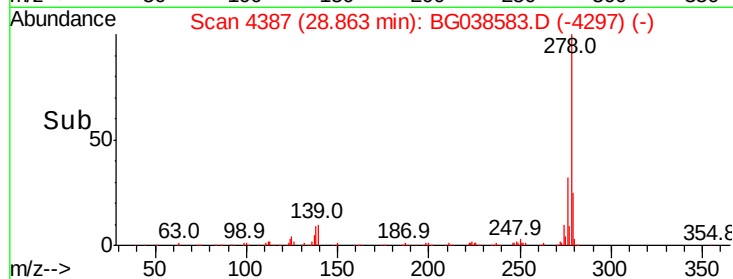
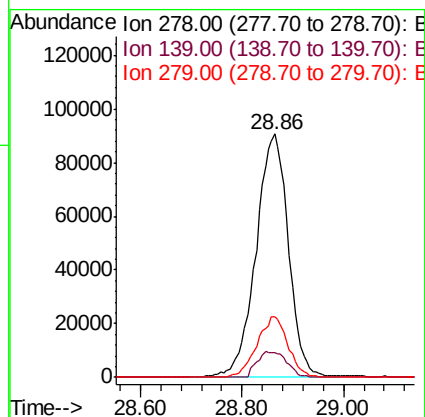
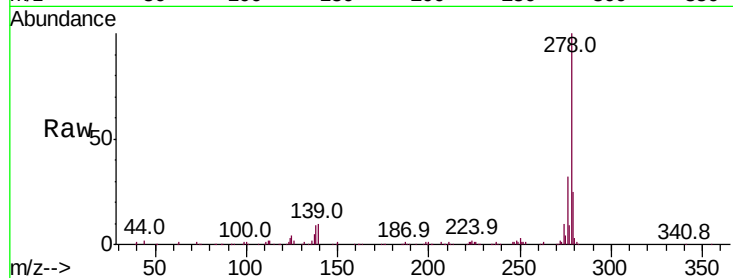
#91
Dibenzo(a,h)anthracene
Concen: 43.890 ng
RT: 28.86 min Scan# 4387
Delta R.T. -0.00 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Instrument :
BNA_G
ClientSampleId :
PB115631BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.2	8.6	12.8
279	25.1	19.0	28.6

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 43.925 ng
RT: 29.99 min Scan# 4579
Delta R.T. -0.01 min
Lab File: BG038583.D
Acq: 15 Dec 2018 1:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.8
138	15.5	11.8	17.6

