

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
 Data File : BG038581.D
 Acq On : 14 Dec 2018 23:44
 Operator : JU/SJ
 Sample : PB115428BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

Manual Integrations
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Sohil
 12/17/2018 4:11:53 PM

Quant Time: Dec 15 00:20:55 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	23689	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	95489	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	62099	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	159253	20.00	ng	0.00
76) Chrysene-d12	21.72	240	165468	20.00	ng	0.00
87) Perylene-d12	25.02	264	181515	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	180673	135.27	ng	0.00
7) Phenol-d6	7.21	99	235285	128.32	ng	0.00
23) Nitrobenzene-d5	9.24	82	119322	63.84	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	109245	127.65	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	275708	60.91	ng	0.00
79) Terphenyl-d14	20.04	244	570783	75.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	20932	33.674	ng	96
3) Pyridine	3.89	79	58213	34.014	ng	# 90
4) n-Nitrosodimethylamine	3.81	42	38307	45.682	ng	# 90
6) Aniline	7.38	93	80778	34.512	ng	98
8) 2-Chlorophenol	7.62	128	66544	43.054	ng	98
9) Benzaldehyde	7.20	77	27389	23.027	ng	95
10) Phenol	7.24	94	85045	43.659	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	58625	37.801	ng	98
12) 1,3-Dichlorobenzene	7.94	146	69125	37.825	ng	98
13) 1,4-Dichlorobenzene	8.10	146	70501	37.668	ng	99
14) 1,2-Dichlorobenzene	8.41	146	68260	38.685	ng	96
15) Benzyl Alcohol	8.30	79	61994	43.318	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	133842	37.674	ng	98
17) 2-Methylphenol	8.50	107	58267	44.646	ng	99
18) Hexachloroethane	9.14	117	26257	38.392	ng	99
19) n-Nitroso-di-n-propylamine	8.87	70	49182	38.192	ng	98
20) 3+4-Methylphenols	8.82	107	77953	43.250	ng	97
22) Acetophenone	8.89	105	96455	40.440	ng	# 96
24) Nitrobenzene	9.28	77	76268	40.335	ng	98
25) Isophorone	9.79	82	139425	41.517	ng	99
26) 2-Nitrophenol	9.99	139	38206	39.478	ng	98
27) 2,4-Dimethylphenol	10.03	122	66206	47.733	ng	98
28) bis(2-Chloroethoxy)methane	10.28	93	80075	42.252	ng	99
29) 2,4-Dichlorophenol	10.52	162	70350	45.592	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	71921	38.588	ng	95
31) Naphthalene	10.93	128	200466	42.609	ng	98
32) Benzoic acid	10.18	122	30714m	37.645	ng	
33) 4-Chloroaniline	11.05	127	42752	20.930	ng	97
34) Hexachlorobutadiene	11.19	225	47769	37.877	ng	97
35) Caprolactam	11.82	113	23647m	37.031	ng	
36) 4-Chloro-3-methylphenol	12.16	107	71909	40.838	ng	98
37) 2-Methylnaphthalene	12.53	142	146881	43.760	ng	98
38) 1-Methylnaphthalene	12.75	142	142607	43.784	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	87252	37.589	ng	99

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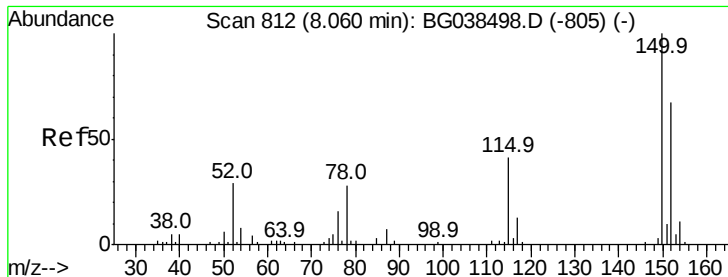
Manual Integrations
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Quant Time: Dec 15 00:20:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	117725	92.313	nq	93
43) 2,4,6-Trichlorophenol	13.13	196	58996	41.336	nq	99
44) 2,4,5-Trichlorophenol	13.21	196	65920	43.623	nq	98
46) 1,1'-Biphenyl	13.53	154	193849	37.236	nq	98
47) 2-Chloronaphthalene	13.58	162	154445	38.407	nq	98
48) 2-Nitroaniline	13.79	65	53314	41.623	nq	99
49) Acenaphthylene	14.42	152	255887	42.565	nq	99
50) Dimethylphthalate	14.15	163	209528	41.317	nq	99
51) 2,6-Dinitrotoluene	14.28	165	46842	40.760	nq	97
52) Acenaphthene	14.76	154	144257	40.130	nq	99
53) 3-Nitroaniline	14.61	138	34118	29.123	nq	96
54) 2,4-Dinitrophenol	14.82	184	52371	76.810	nq	94
55) Dibenzofuran	15.09	168	242335	39.327	nq	100
56) 4-Nitrophenol	14.92	139	77023	86.667	nq	98
57) 2,4-Dinitrotoluene	15.06	165	68140	42.097	nq	98
58) Fluorene	15.75	166	195964	42.925	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.32	232	58554	43.069	nq	99
60) Diethylphthalate	15.50	149	217741	39.112	nq	100
61) 4-Chlorophenyl-phenylether	15.73	204	109317	38.378	nq	99
62) 4-Nitroaniline	15.78	138	50236	41.653	nq	100
63) Azobenzene	16.02	77	188625	40.559	nq	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	42153	37.105	nq	97
66) n-Nitrosodiphenylamine	15.95	169	180617	38.600	nq	99
67) 4-Bromophenyl-phenylether	16.63	248	72193	37.118	nq	98
68) Hexachlorobenzene	16.74	284	74820	37.110	nq	98
69) Atrazine	16.89	200	76367	43.977	nq	97
70) Pentachlorophenol	17.09	266	85712	71.874	nq	98
71) Phenanthrene	17.48	178	349922	42.372	nq	99
72) Anthracene	17.58	178	356024	43.669	nq	100
73) Carbazole	17.85	167	325681	40.393	nq	100
74) Di-n-butylphthalate	18.38	149	396135	42.817	nq	99
75) Fluoranthene	19.49	202	452516	44.287	nq	98
77) Benzidine	19.68	184	226149	46.214	nq	99
78) Pyrene	19.86	202	453559	41.492	nq	99
80) Butylbenzylphthalate	20.72	149	184216	43.135	nq	97
81) Benzo(a)anthracene	21.70	228	438933	43.533	nq	100
82) 3,3'-Dichlorobenzidine	21.62	252	115361	28.848	nq	100
83) Chrysene	21.77	228	404821	41.684	nq	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	253451	41.844	nq	100
85) Di-n-octyl phthalate	22.80	149	429846	42.374	nq	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	496974	43.527	nq	# 98
88) Benzo(b)fluoranthene	23.96	252	433968	43.545	nq	98
89) Benzo(k)fluoranthene	24.03	252	429469	43.276	nq	96
90) Benzo(a)pyrene	24.86	252	424681	44.171	nq	99
91) Dibenzo(a,h)anthracene	28.87	278	414488	43.298	nq	99
92) Benzo(g,h,i)perylene	29.99	276	410645	43.528	nq	98

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



#1

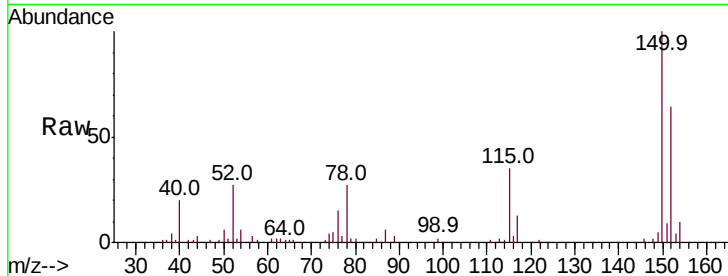
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	119.5	179.3
115	55.0	49.6	74.4

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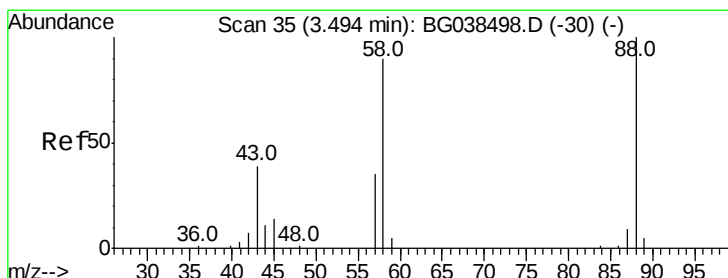
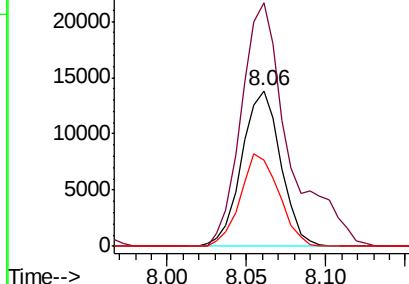
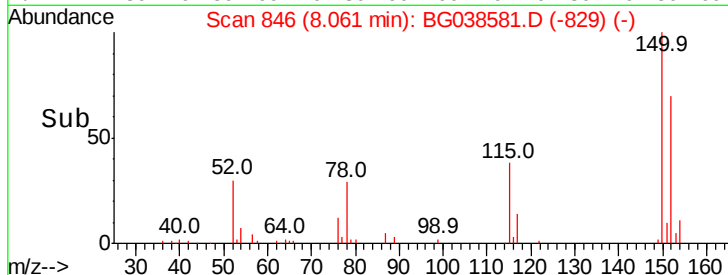


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

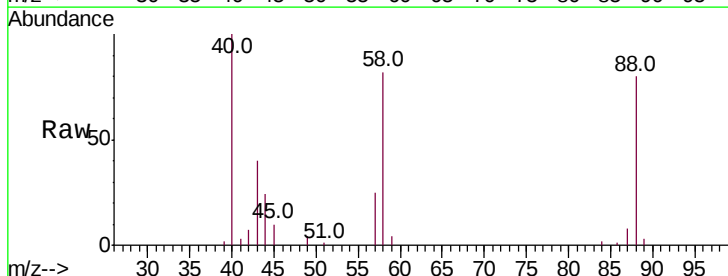
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.674 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.1	75.7	113.5
43	39.7	31.6	47.4

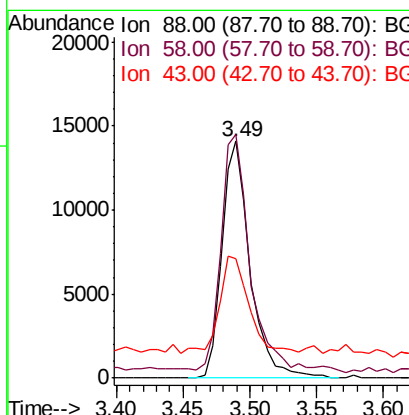
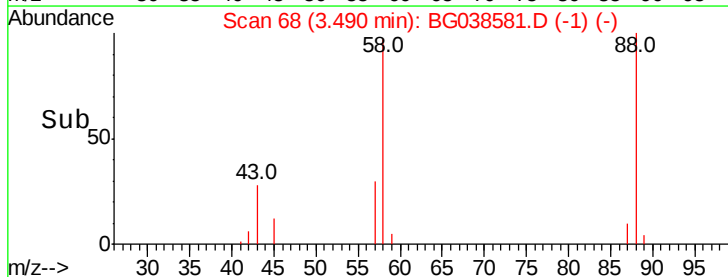


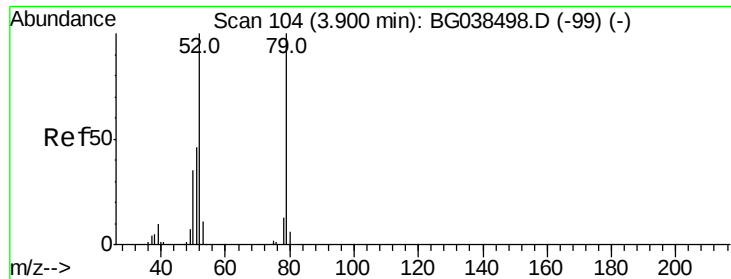
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





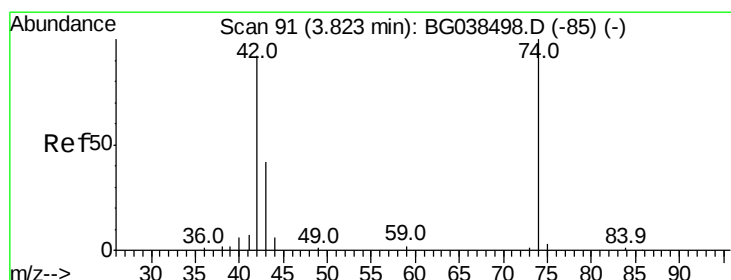
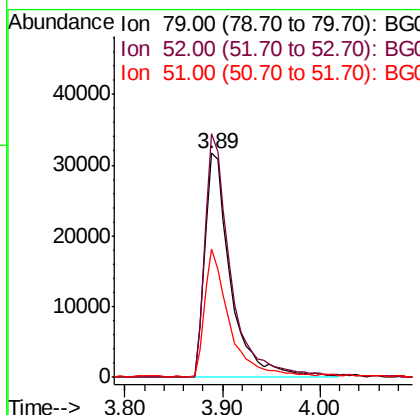
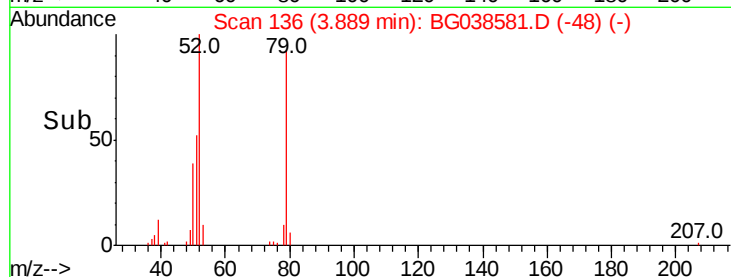
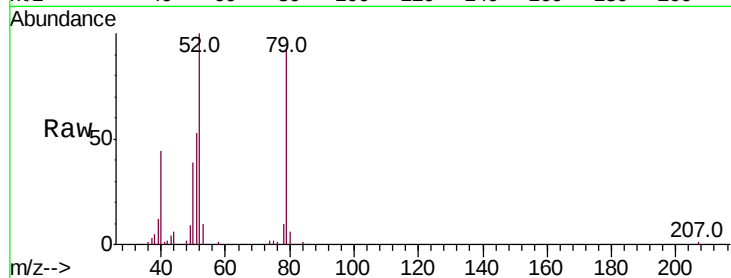
#3
 Pvridine
 Concen: 34.014 ng
 RT: 3.89 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

Tot Ion: 79 Resp: 58213
 Ion Ratio Lower Upper
 79 100
 52 108.5 80.2 120.2
 51 57.2 38.0 57.0#

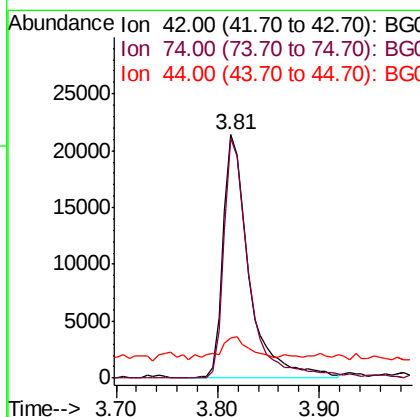
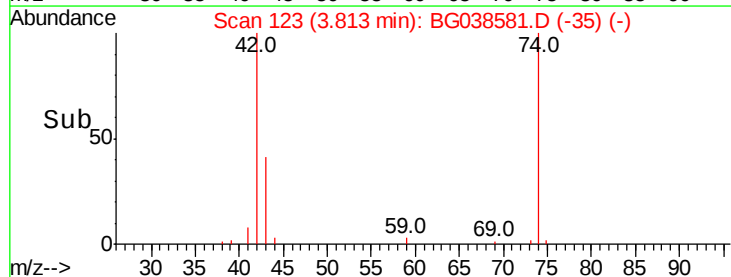
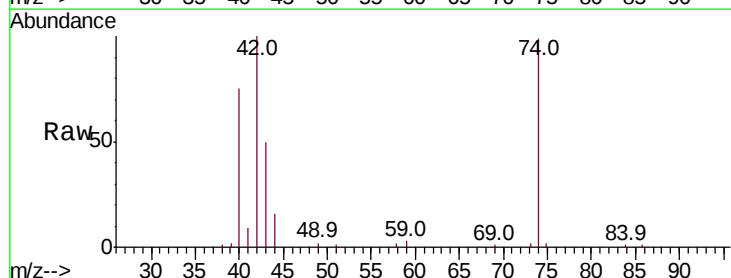
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#4
 n-Nitrosodimethylamine
 Concen: 45.682 ng
 RT: 3.81 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion: 42 Resp: 38307
 Ion Ratio Lower Upper
 42 100
 74 98.7 86.7 130.1
 44 16.3 7.8 11.8#





#5

2-Fluorophenol

Concen: 135.274 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

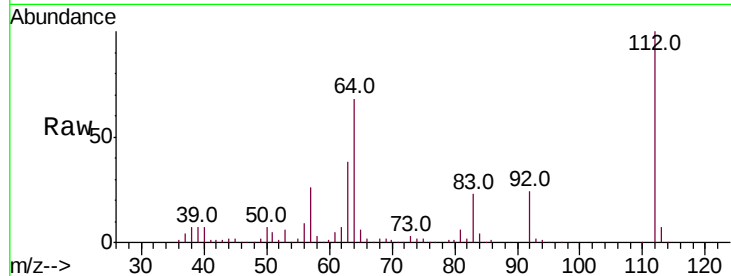
ClientSampleId :

PB115428BSD

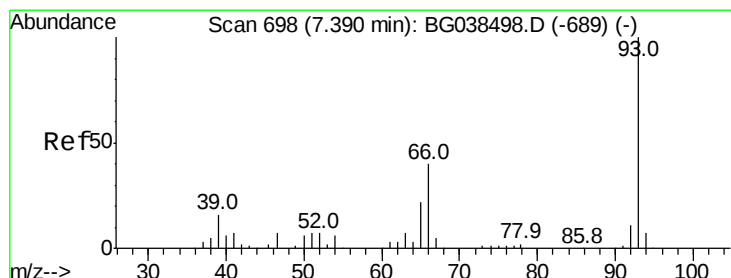
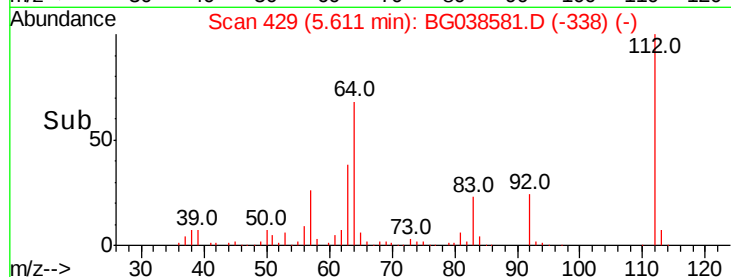
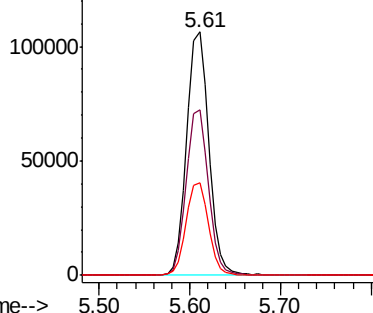
Tot Ion:	112	Resp:	180673
Ion Ratio	Lower	Upper	
112	100		
64	67.8	53.4	80.2
63	38.2	29.3	43.9

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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: 34.512 ng

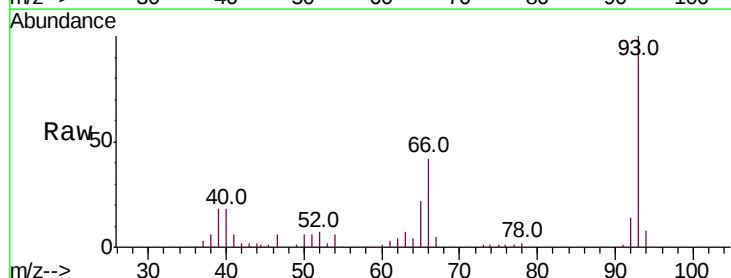
RT: 7.38 min Scan# 731

Delta R.T. -0.00 min

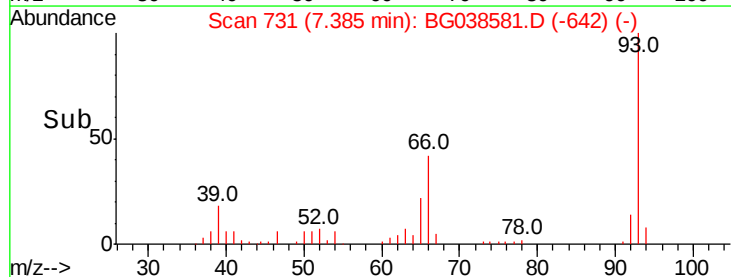
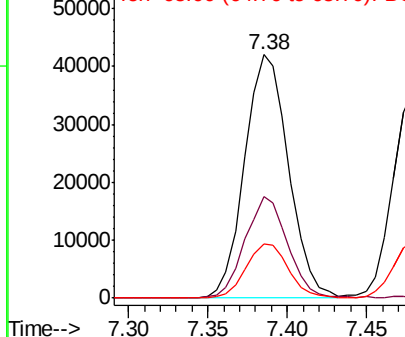
Lab File: BG038581.D

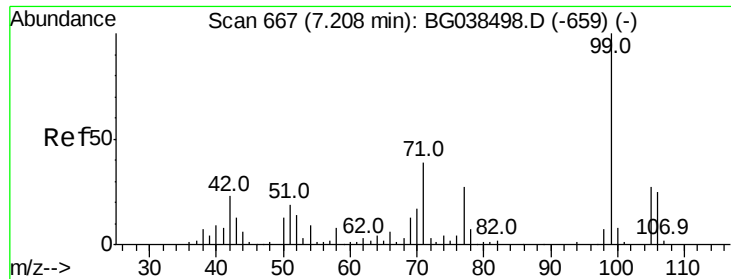
Acq: 14 Dec 2018 23:44

Tgt Ion:	93	Resp:	80778
Ion Ratio	Lower	Upper	
93	100		
66	41.5	31.7	47.5
65	22.4	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: 128.324 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

PB115428BSD

Tot Ion: 99 Resp: 235285

Ion Ratio Lower Upper

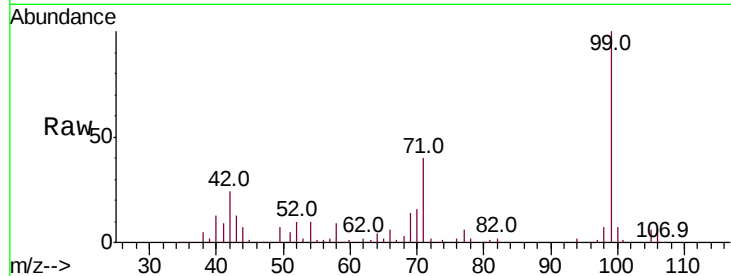
99 100

42 23.9 18.5 27.7

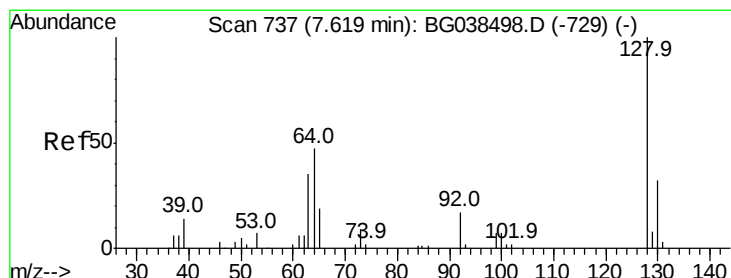
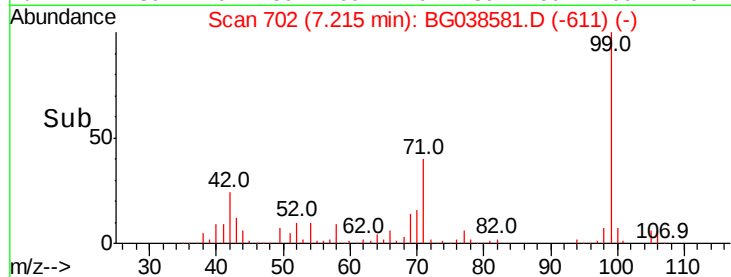
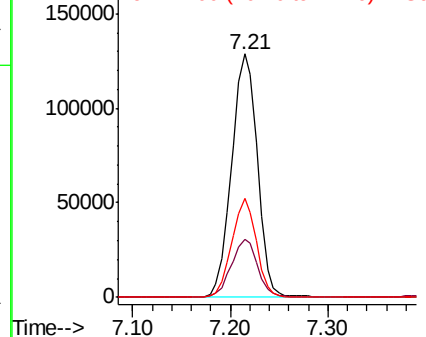
71 40.4 31.1 46.7

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.054 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

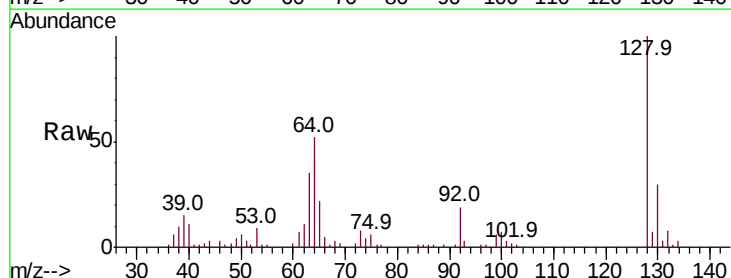
Tgt Ion: 128 Resp: 66544

Ion Ratio Lower Upper

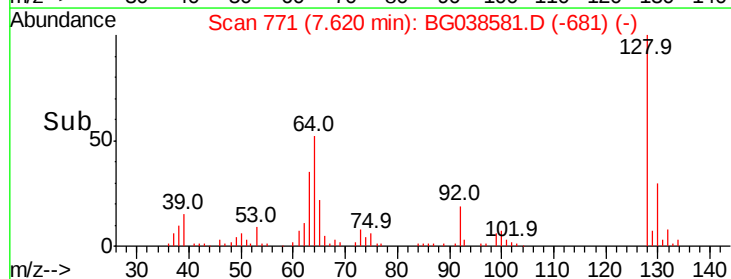
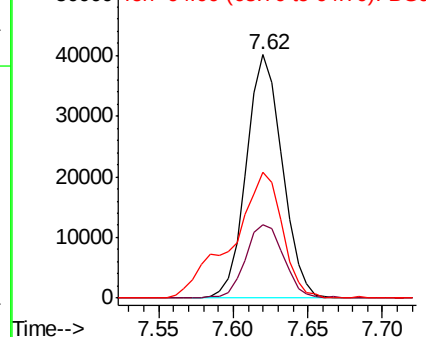
128 100

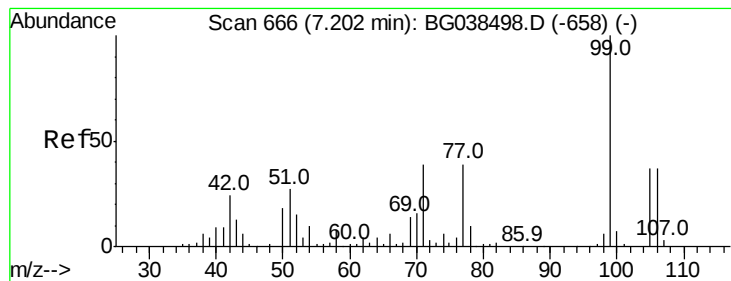
130 30.2 11.8 51.8

64 51.8 33.2 73.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 23.027 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

PB115428BSD

Tot Ion: 77 Resp: 27389

Ion Ratio Lower Upper

77 100

105 86.6 74.0 114.0

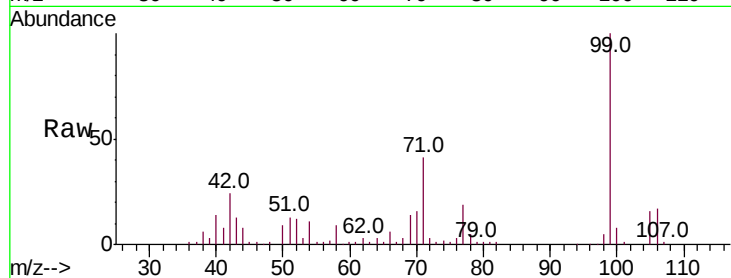
106 91.2 73.9 113.9

Manual Integrations

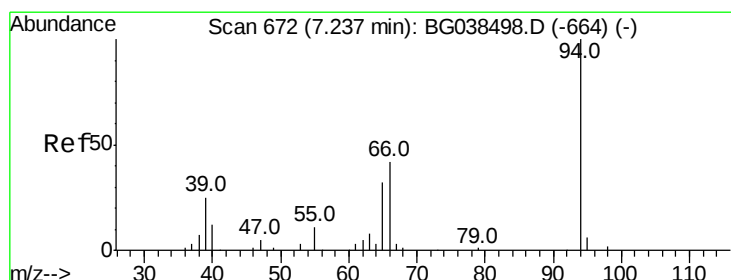
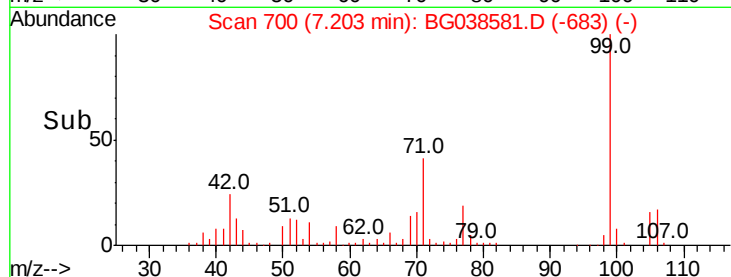
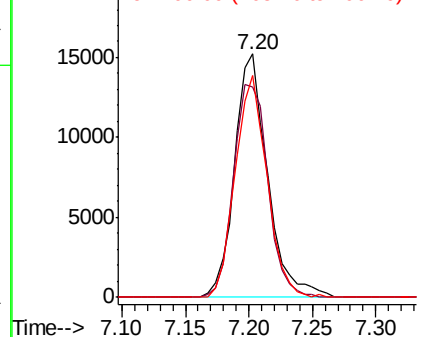
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.659 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

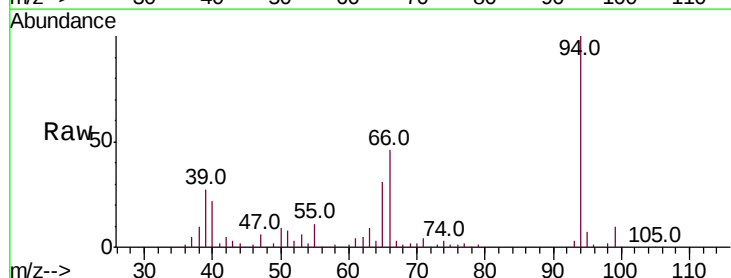
Tgt Ion: 94 Resp: 85045

Ion Ratio Lower Upper

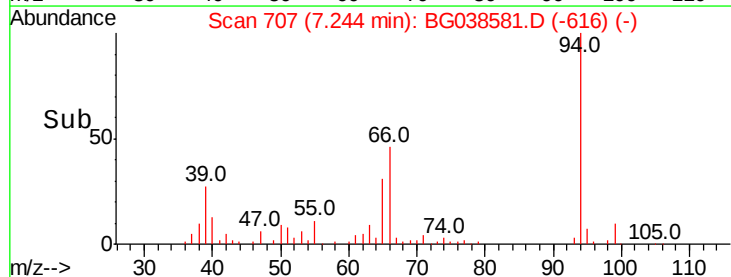
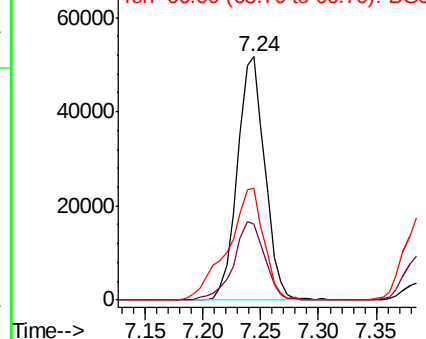
94 100

65 31.0 12.6 52.6

66 46.0 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





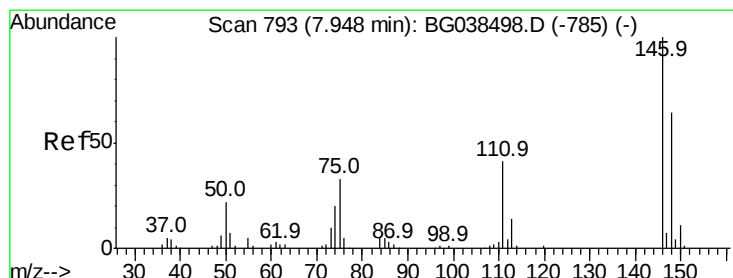
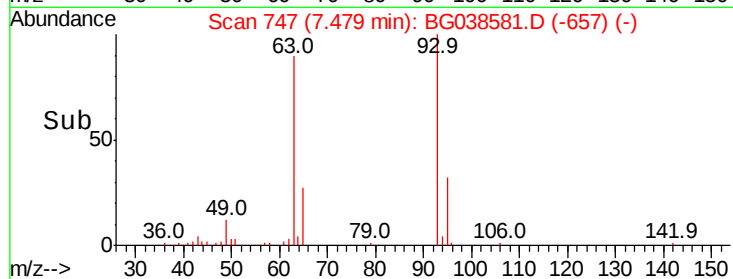
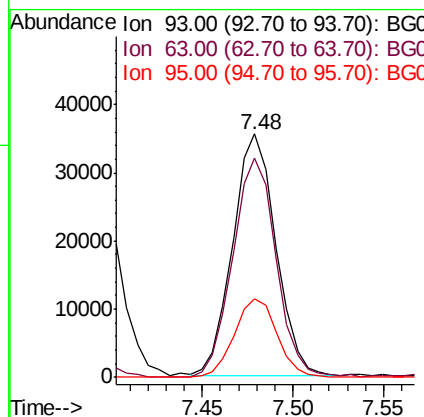
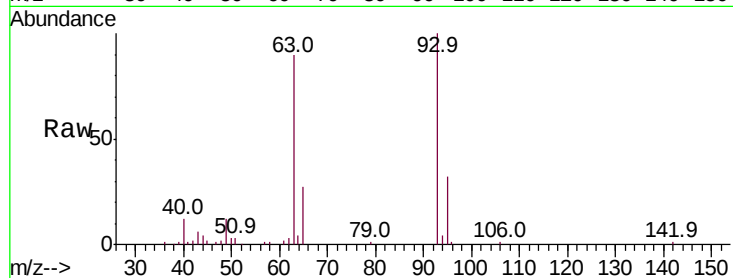
#11
bis(2-Chloroethyl)ether
Concen: 37.801 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.1	72.2	112.2
95	32.3	11.2	51.2

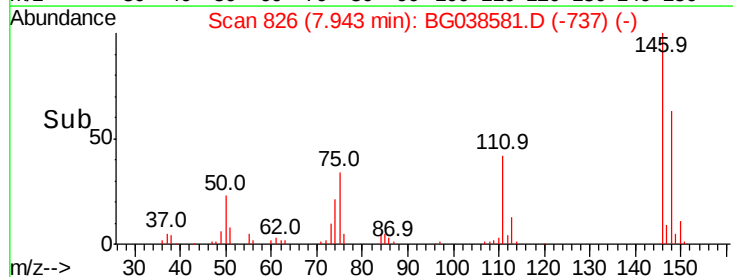
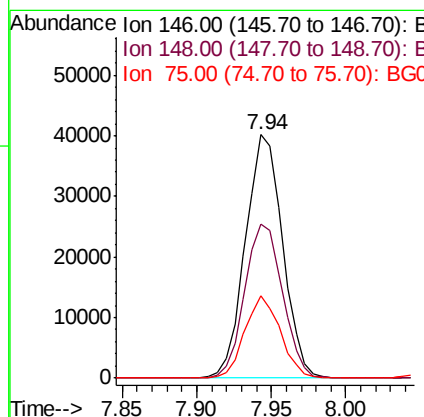
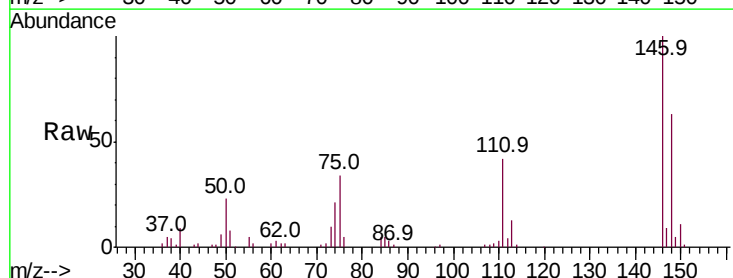
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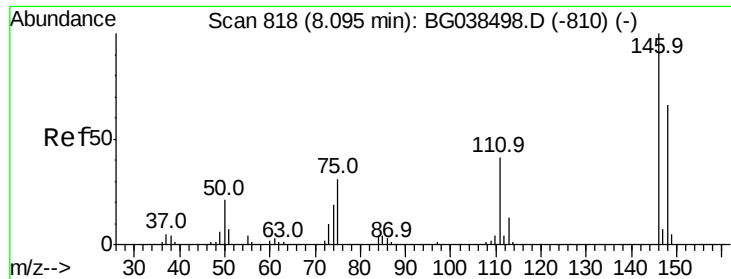
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#12
1,3-Dichlorobenzene
Concen: 37.825 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.4	77.0
75	33.9	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 37.668 ng

RT: 8.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

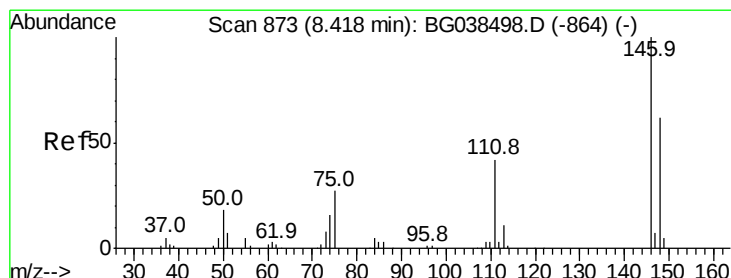
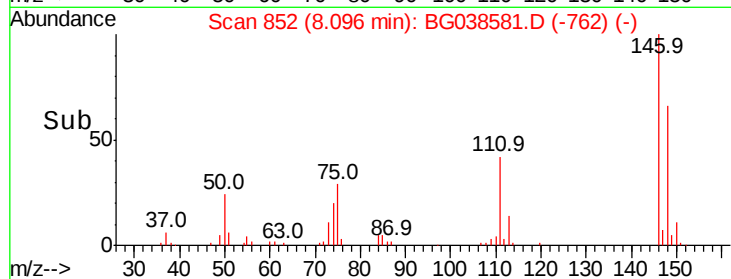
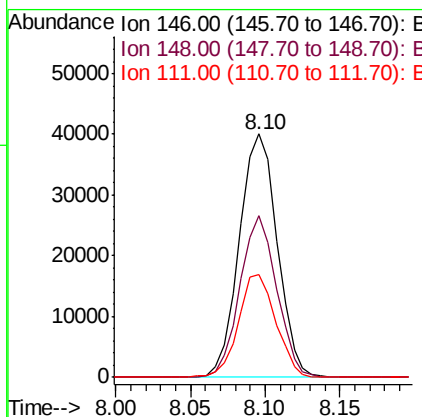
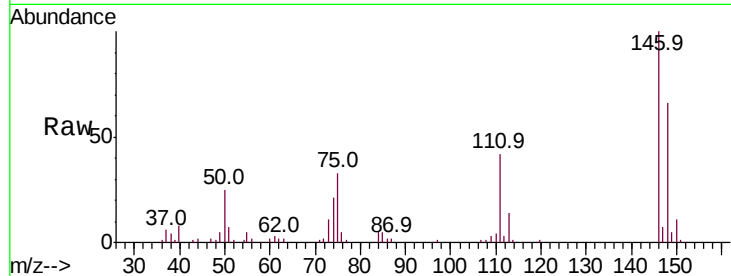
ClientSampleId :

PB115428BSD

Tot Ion:	146	Resp:	70501
Ion Ratio	Lower	Upper	
146	100		
148	66.3	52.4	78.6
111	42.1	33.0	49.4

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#14

1,2-Dichlorobenzene

Concen: 38.685 ng

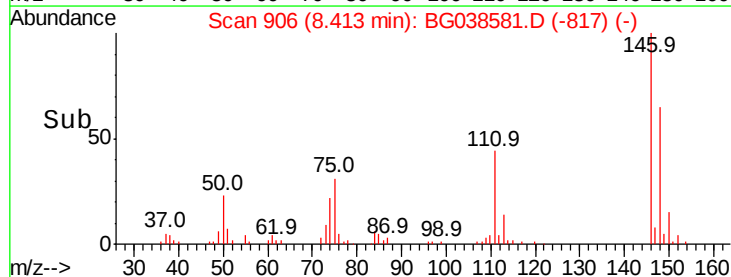
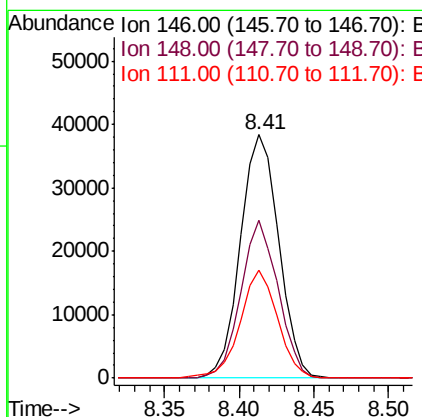
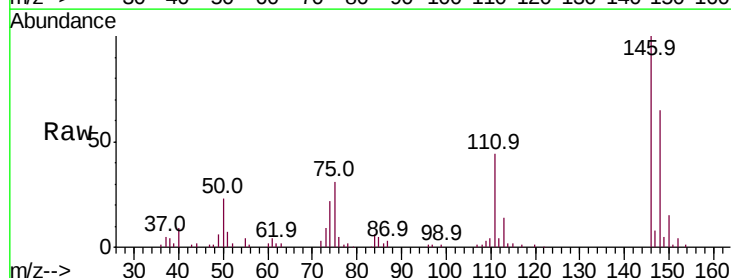
RT: 8.41 min Scan# 906

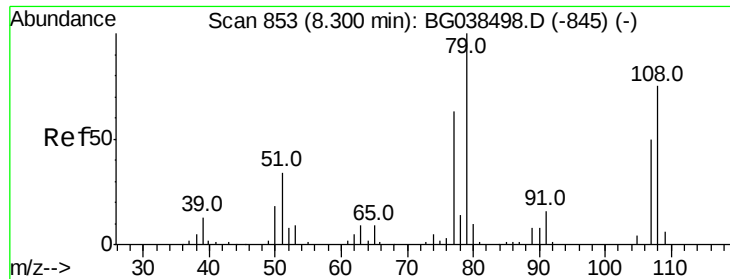
Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Tgt Ion:	146	Resp:	68260
Ion Ratio	Lower	Upper	
146	100		
148	65.0	49.4	74.0
111	44.1	33.8	50.6





#15

Benzyl Alcohol

Concen: 43.318 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

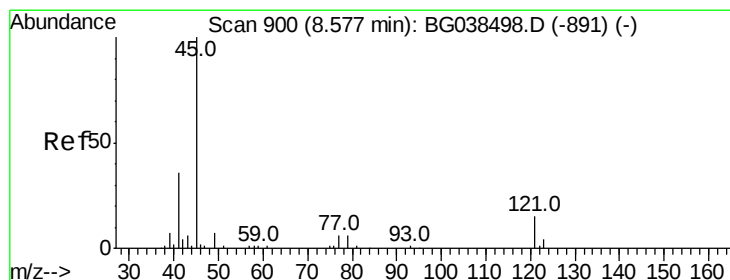
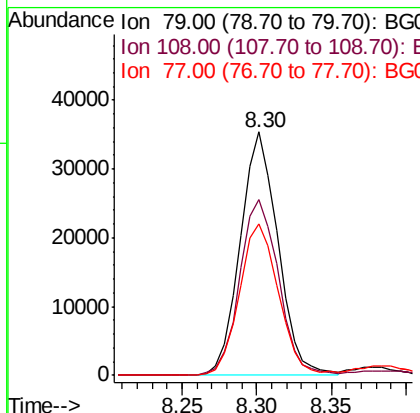
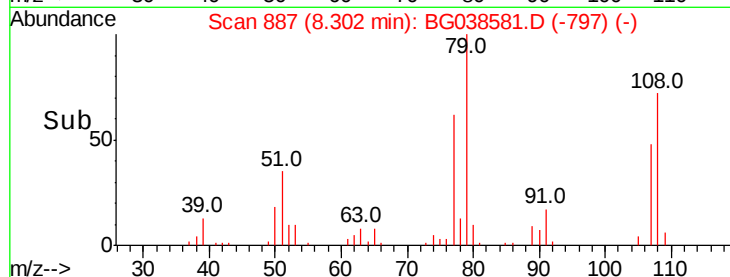
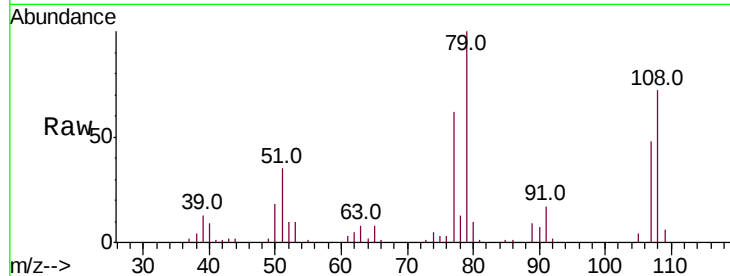
ClientSampleId :

PB115428BSD

Tot Ion:	79	Resp:	61994
Ion Ratio	Lower	Upper	
79	100		
108	72.4	60.2	90.4
77	62.1	50.7	76.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.674 ng

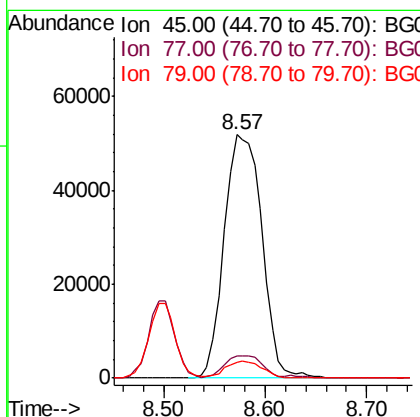
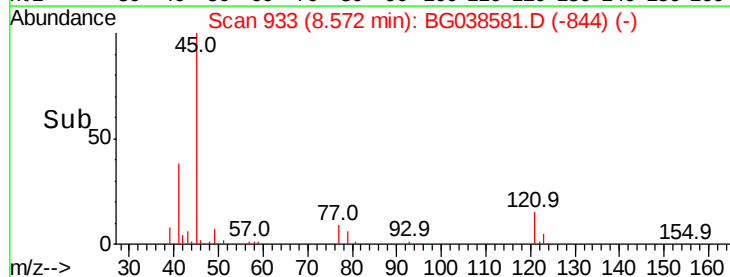
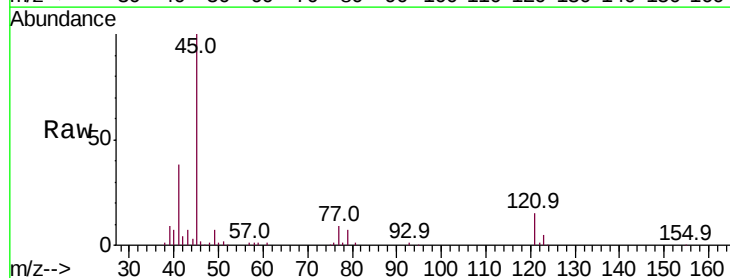
RT: 8.57 min Scan# 933

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Tgt Ion:	45	Resp:	133842
Ion Ratio	Lower	Upper	
45	100		
77	9.1	0.0	28.2
79	6.7	0.0	27.2





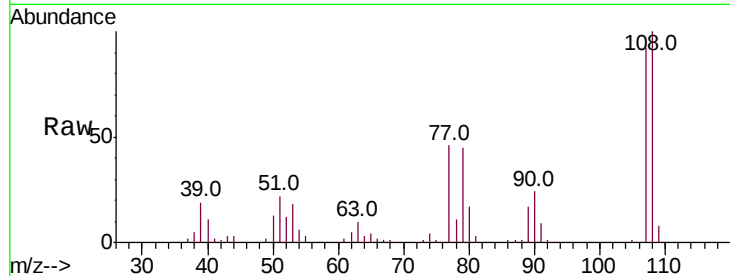
#17
2-Methylphenol
Concen: 44.646 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.8	87.1	130.7
77	50.1	42.0	63.0
79	48.7	38.2	57.2

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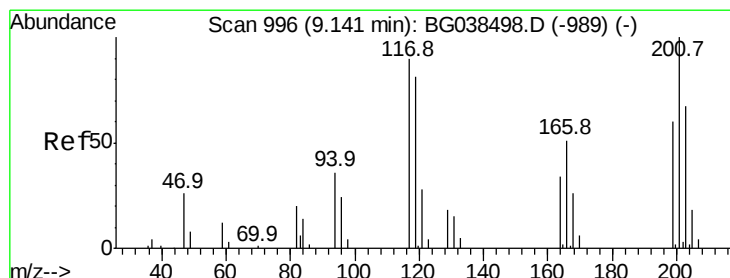
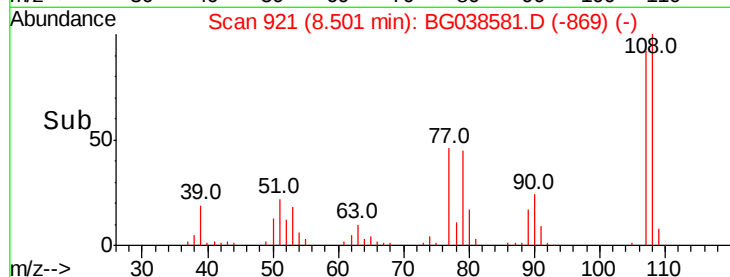
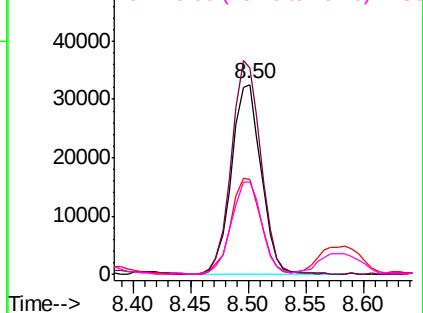
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.392 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

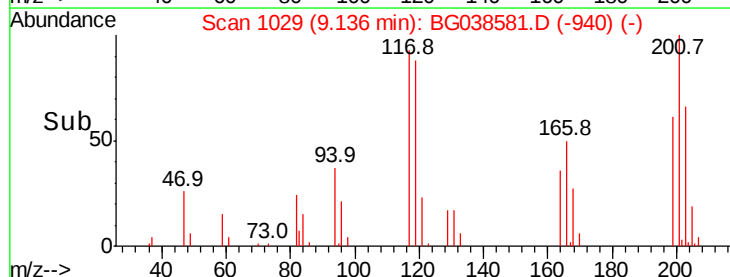
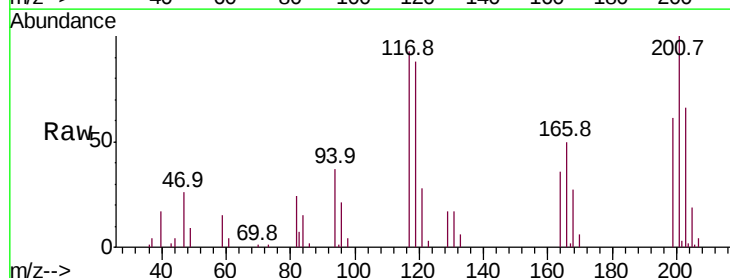
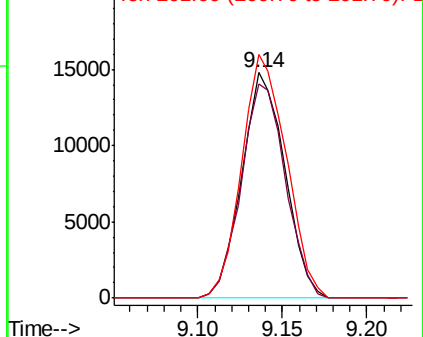
Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	73.8	110.8
201	111.0	89.4	134.0

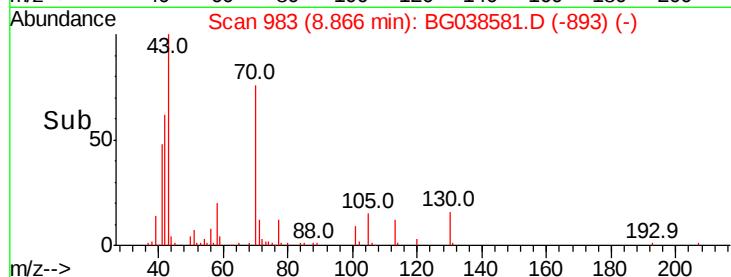
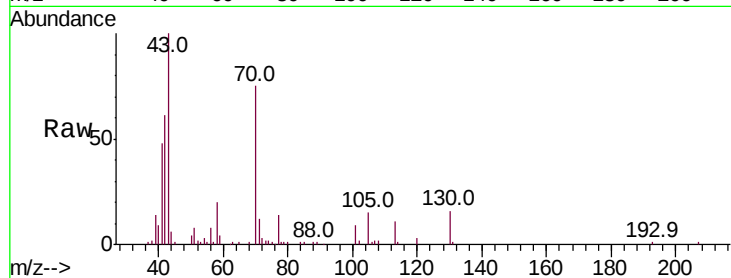
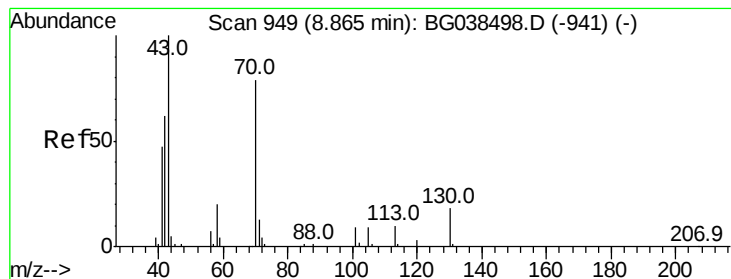
Abundance

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: 38.192 ng

RT: 8.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Tot Ion	Ratio	Lower	Upper
70	100		
42	81.2	63.6	95.4
101	11.5	9.2	13.8
130	21.5	18.5	27.7

Instrument :

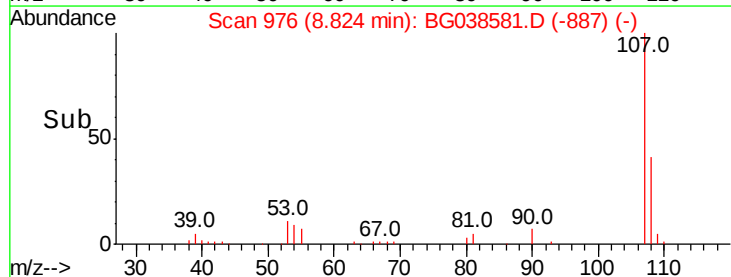
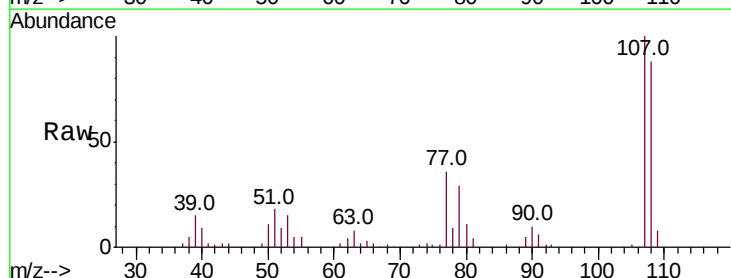
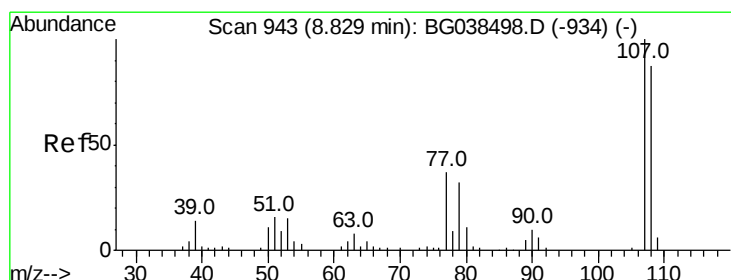
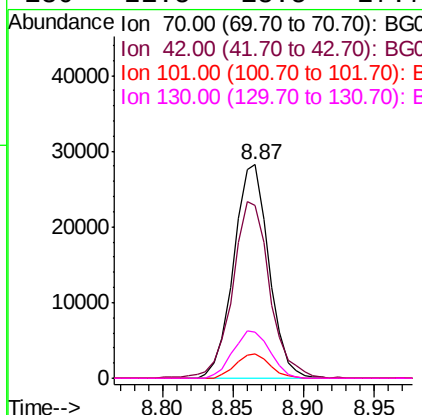
BNA_G

ClientSampleId :

PB115428BSD

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#20

3+4-Methylphenols

Concen: 43.250 ng

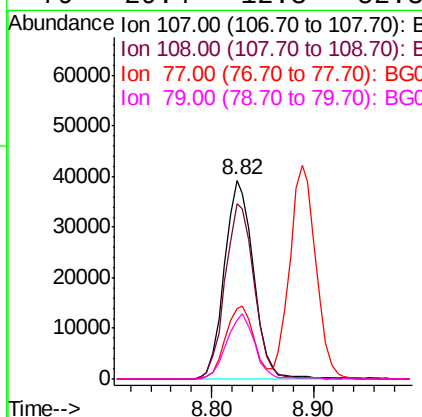
RT: 8.82 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	66.7	106.7
77	35.5	17.3	57.3
79	29.4	12.3	52.3





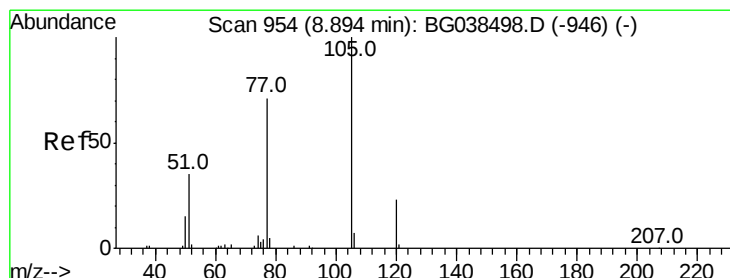
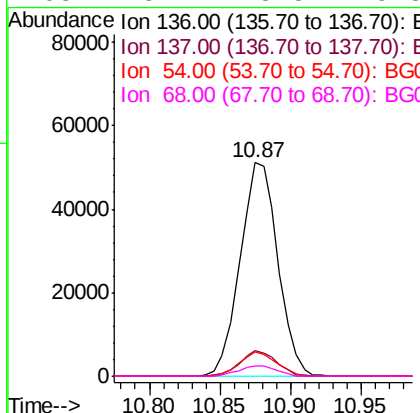
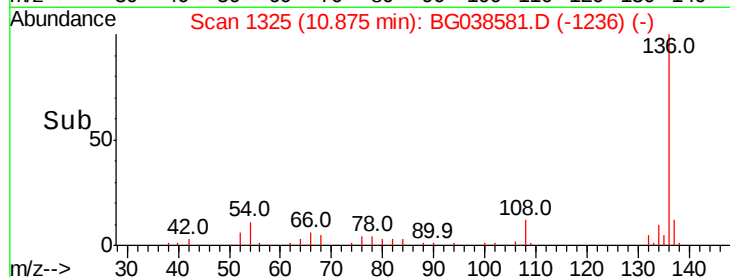
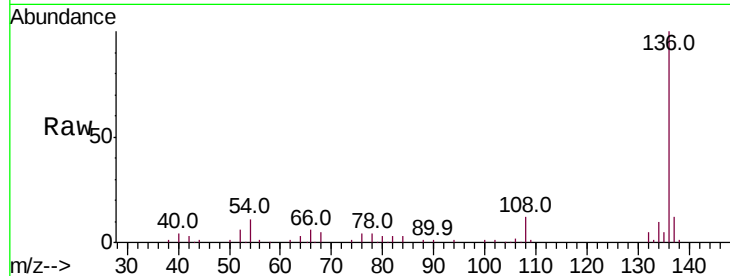
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.9	9.3	13.9	
54	11.1	8.5	12.7	
68	5.1	3.5	5.3	

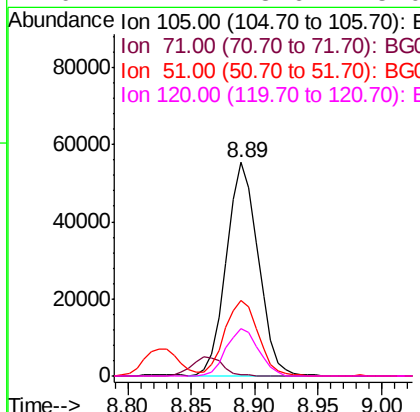
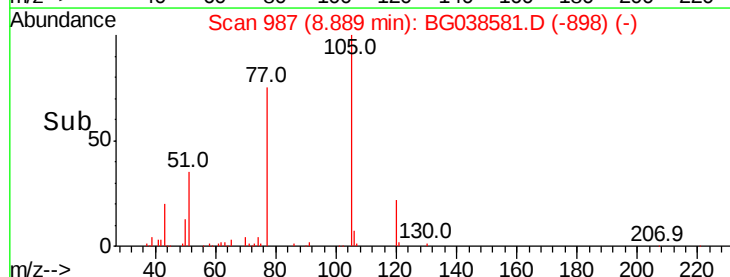
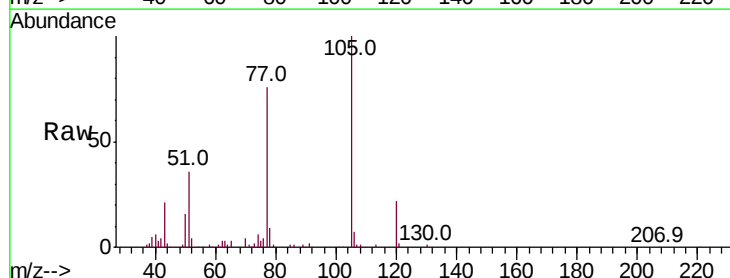
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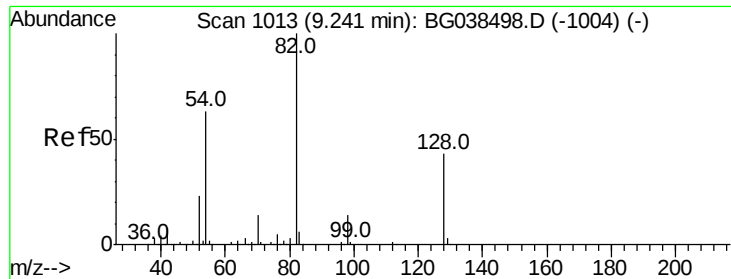
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#22
Acetophenone
Concen: 40.440 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.8	0.4	0.6#	
51	35.6	30.6	46.0	
120	22.1	18.6	28.0	





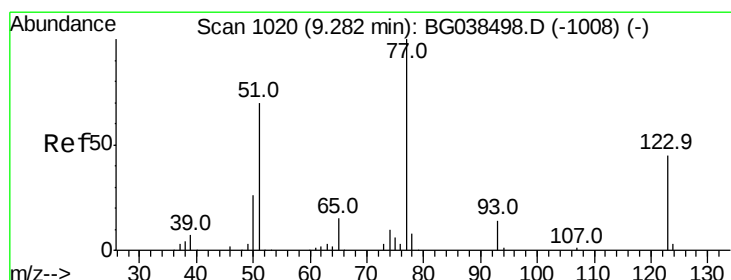
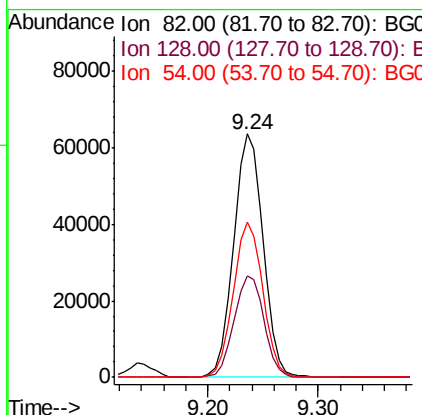
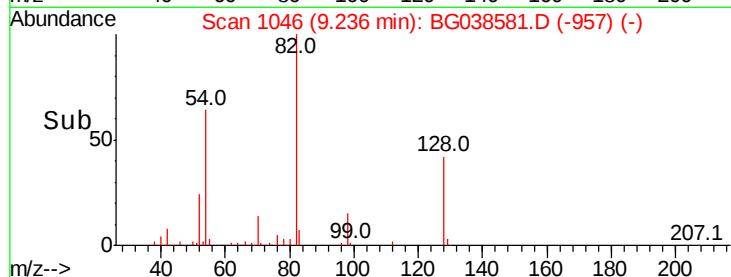
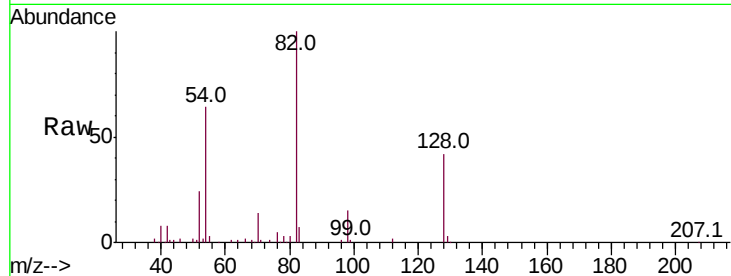
#23
Nitrobenzene-d5
Concen: 63.838 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	52.0
54	64.0	50.6	76.0

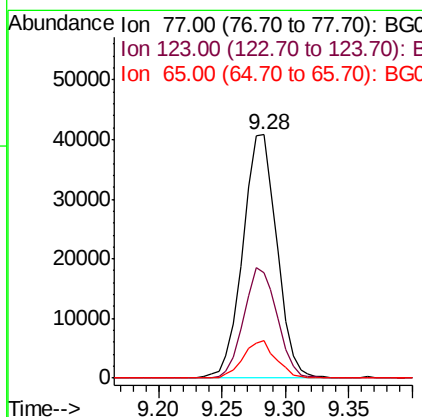
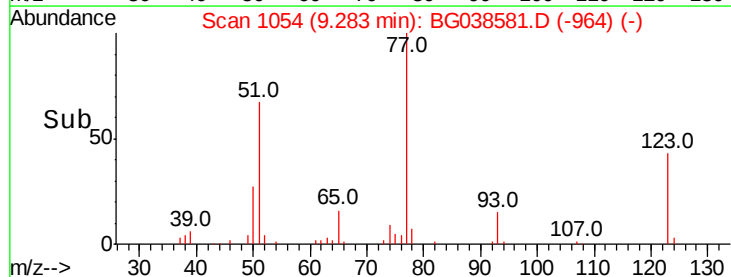
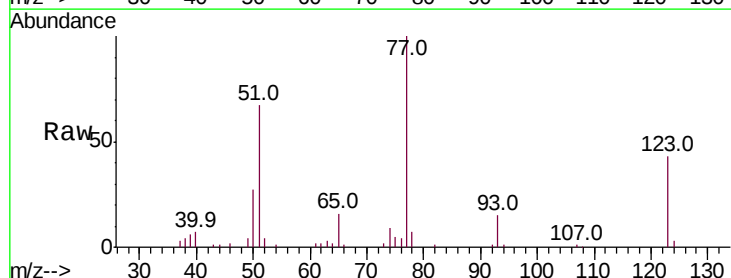
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#24
Nitrobenzene
Concen: 40.335 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.5	35.9	53.9
65	15.6	12.0	18.0





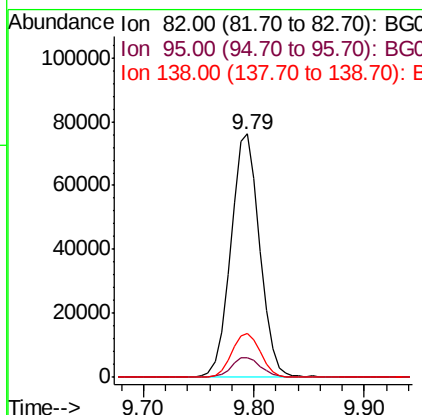
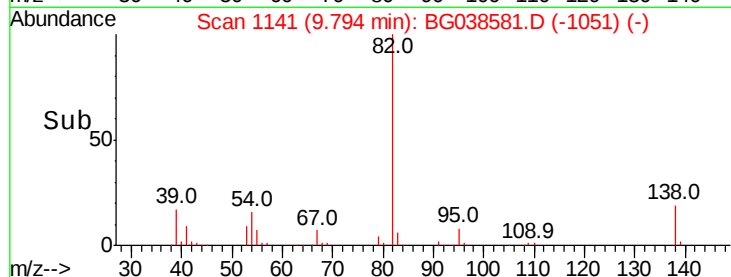
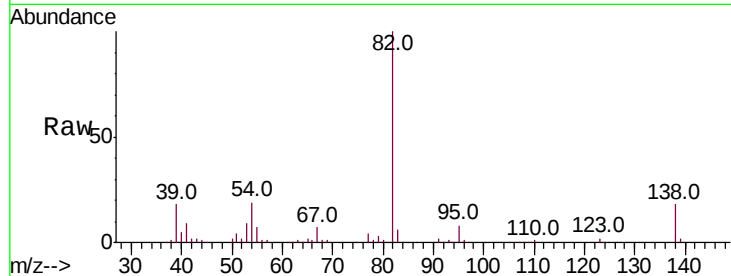
#25
Isophorone
Concen: 41.517 ng
RT: 9.79 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	139425		
95	7.9		6.1	9.1
138	18.2		14.9	22.3

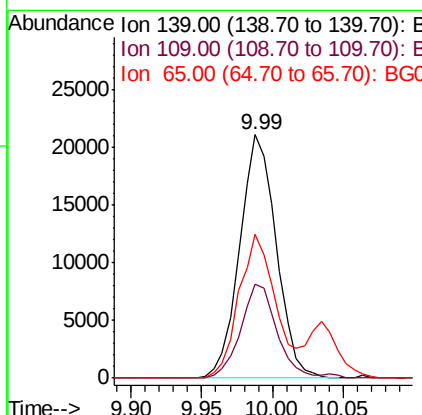
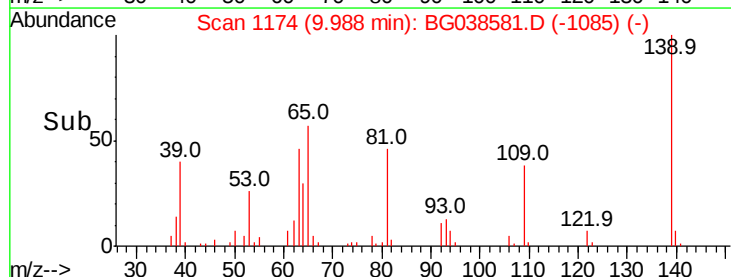
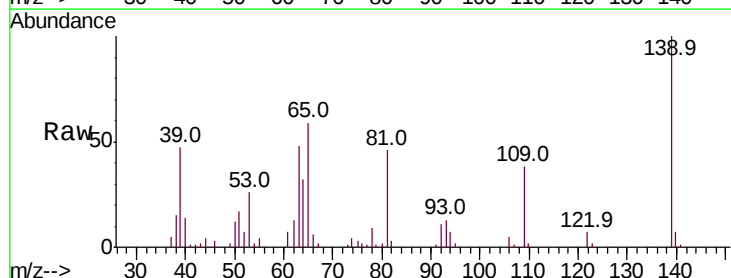
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#26
2-Nitrophenol
Concen: 39.478 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	38206		
109	38.4		29.5	44.3
65	59.1		48.5	72.7





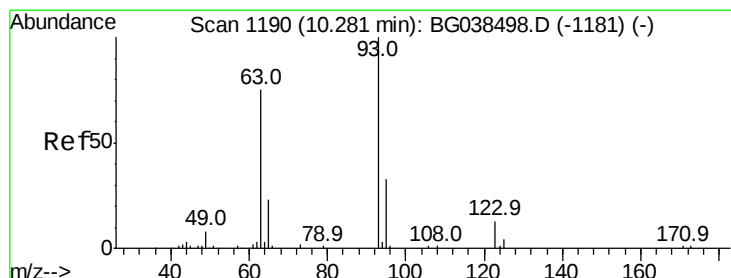
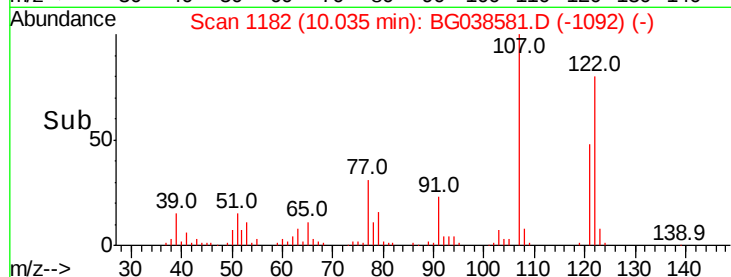
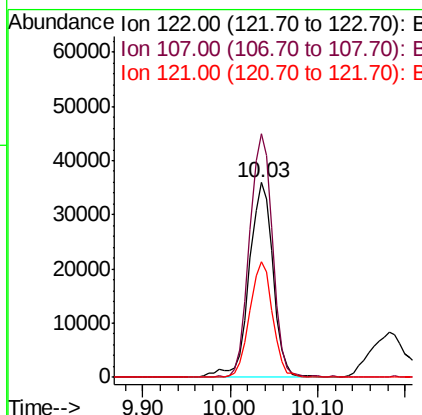
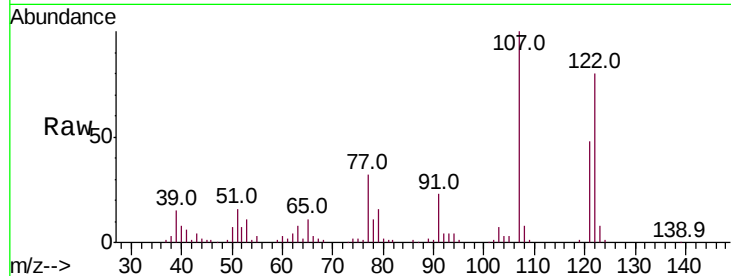
#27
2,4-Dimethylphenol
Concen: 47.733 ng
RT: 10.03 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.3	98.4	147.6
121	59.6	47.2	70.8

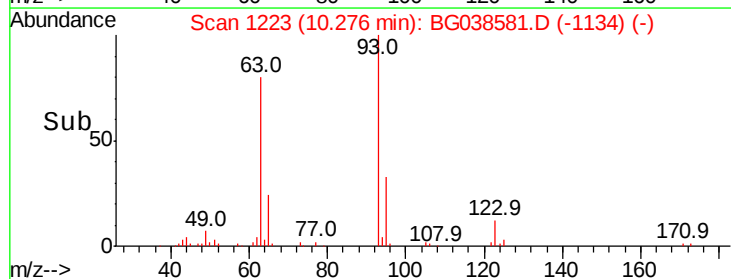
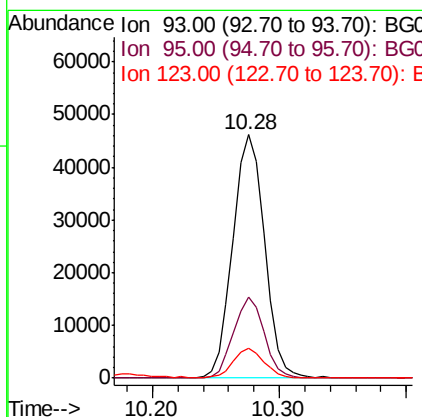
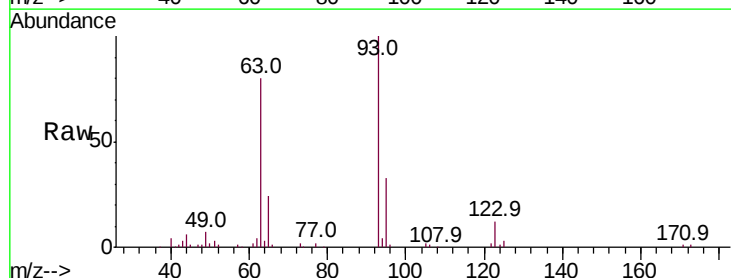
Manual Integrations
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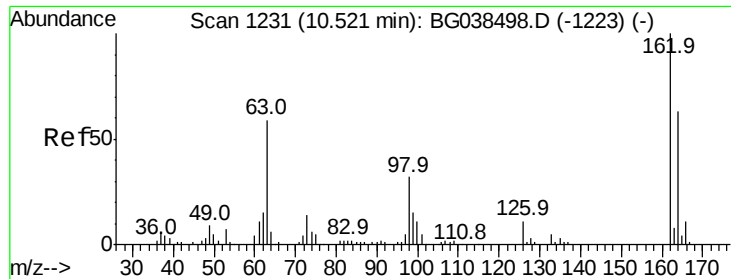
Sohil
12/17/2018 4:11:53 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.252 ng
RT: 10.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	40.0
123	12.5	10.6	16.0





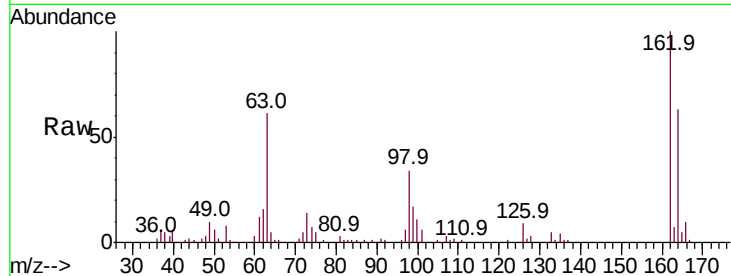
#29
2,4-Dichlorophenol
Concen: 45.592 ng
RT: 10.52 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	42.9	82.9
98	33.5	12.1	52.1

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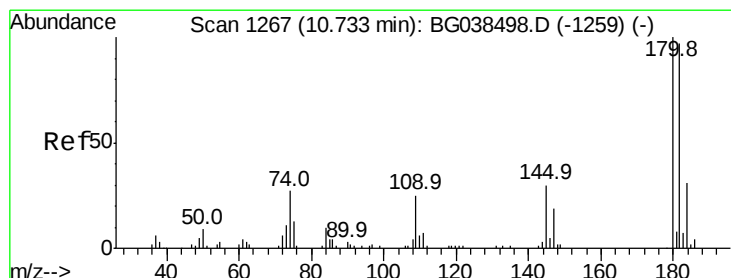
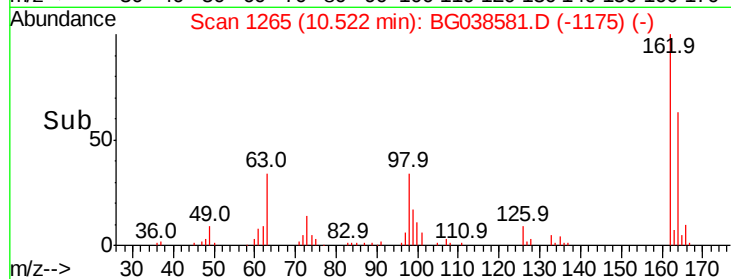
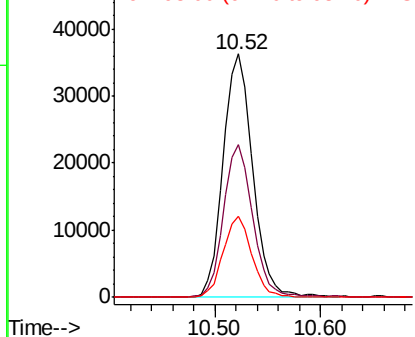


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 38.588 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

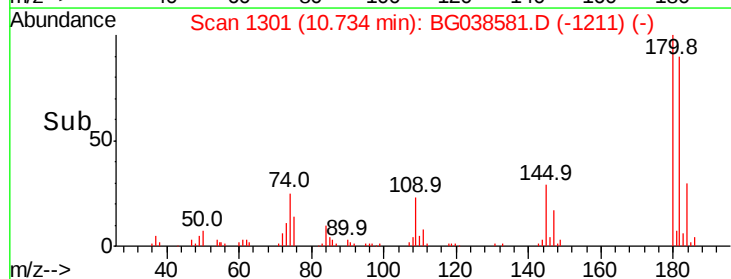
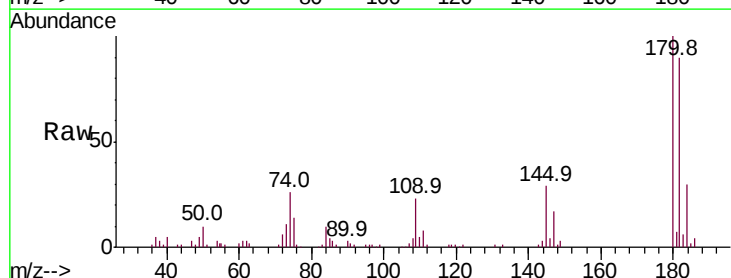
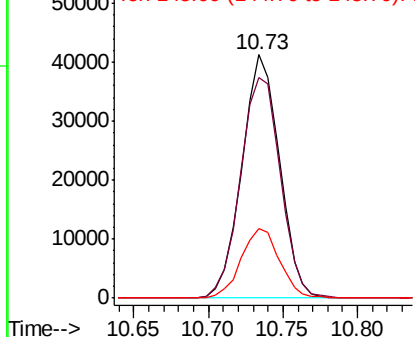
Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.5	77.4	116.0
145	28.7	24.1	36.1

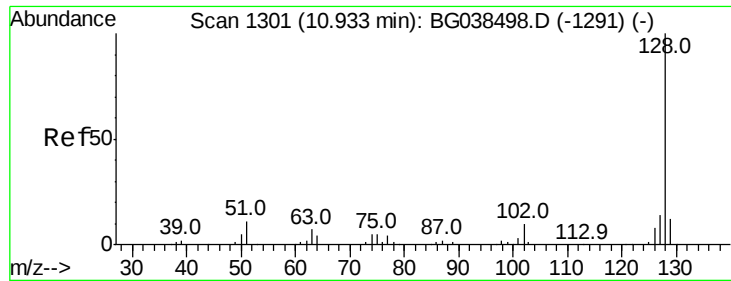
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





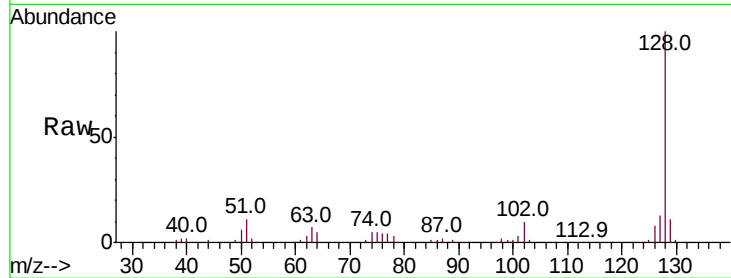
#31
Naphthalene
Concen: 42.609 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.5	14.3
127	12.9	10.9	16.3

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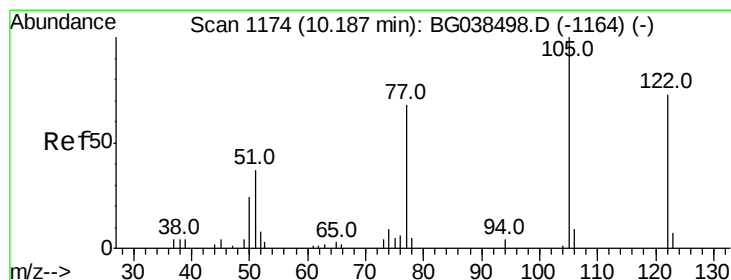
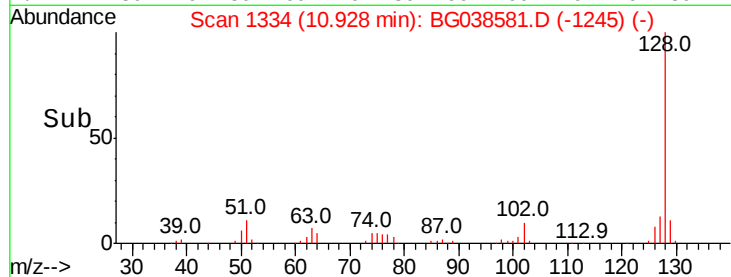
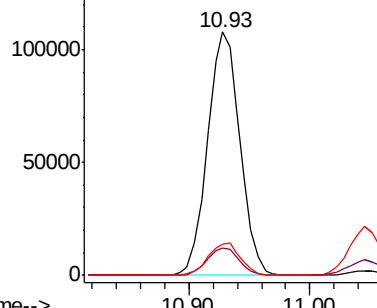


Abundance

Ion 128.00 (127.70 to 128.70): E

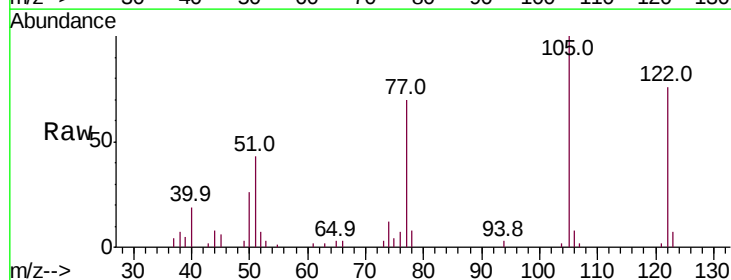
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 37.645 ng m
RT: 10.18 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.1	116.7	156.7
77	92.1	72.5	112.5

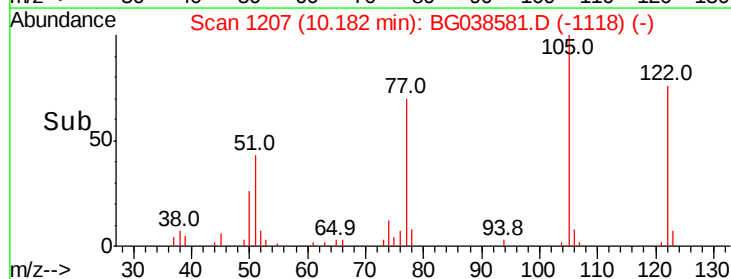
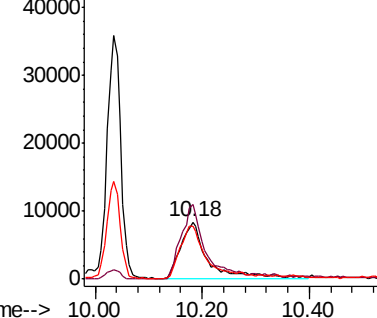


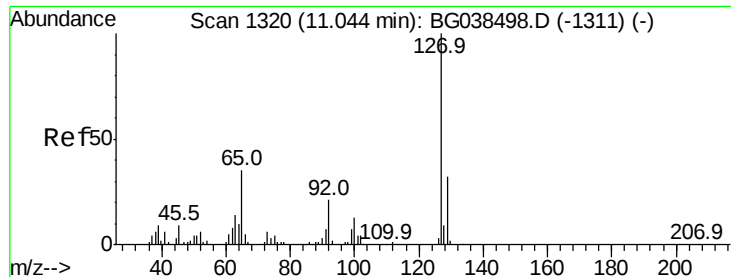
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC





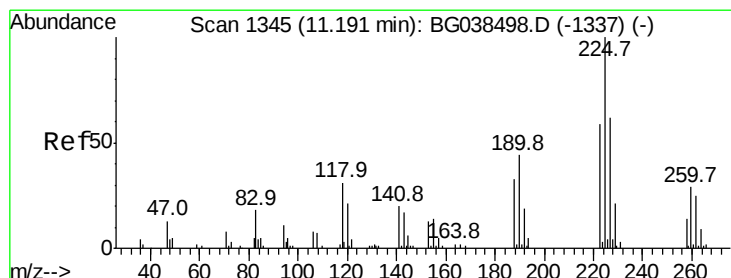
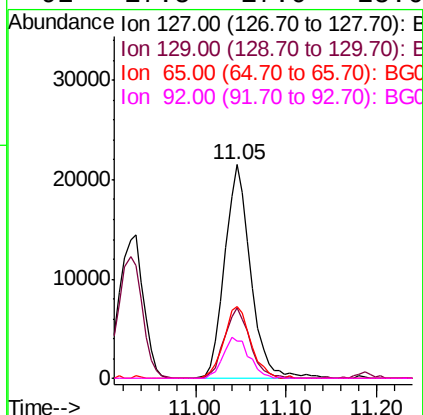
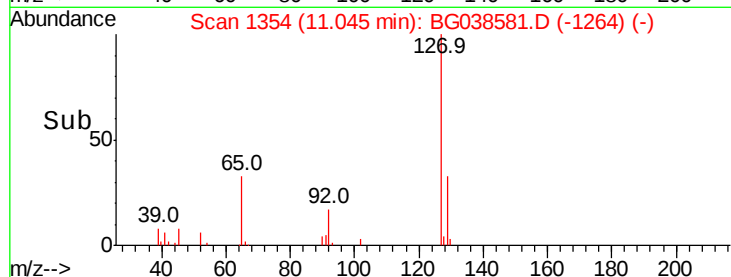
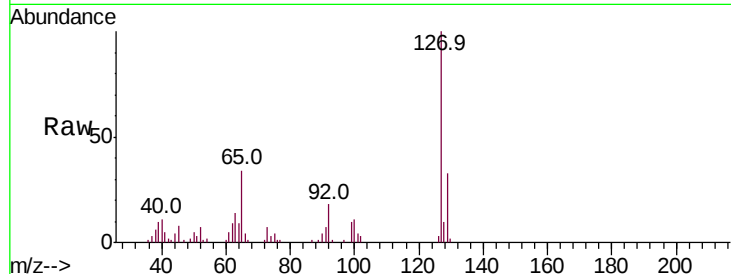
#33
4-Chloroaniline
Concen: 20.930 ng
RT: 11.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.8	38.8
65	33.7	27.8	41.6
92	17.5	17.0	25.6

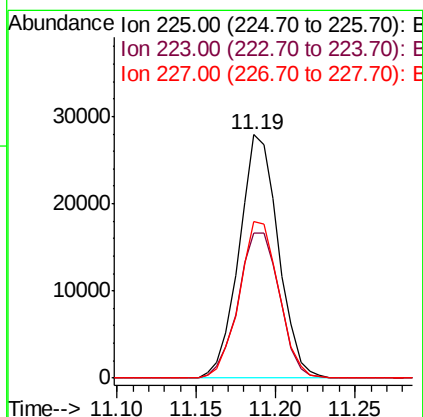
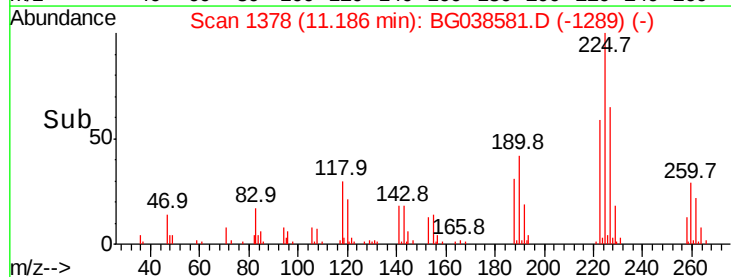
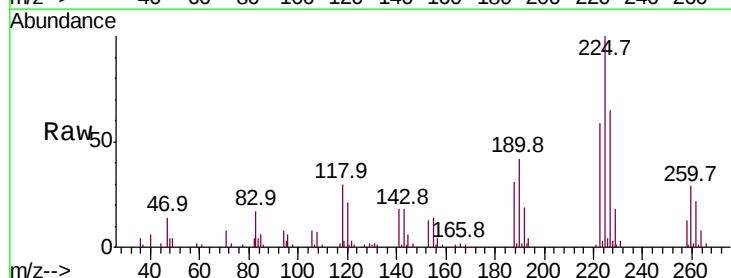
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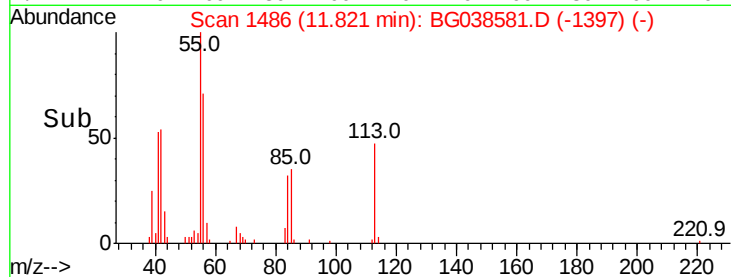
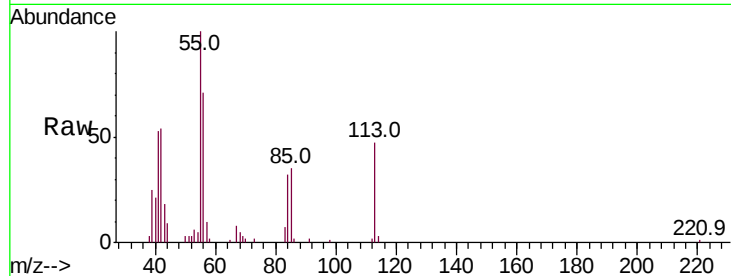
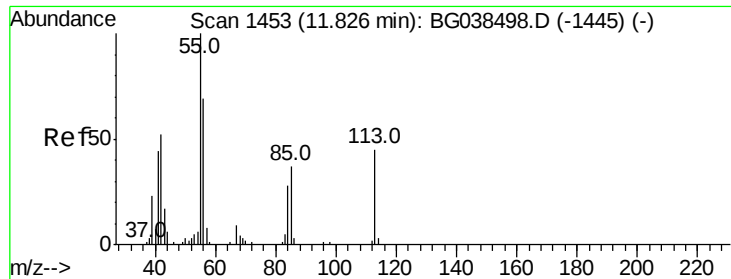
Sohil
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#34
Hexachlorobutadiene
Concen: 37.877 ng
RT: 11.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.4	45.0	67.6
227	64.9	50.6	75.8





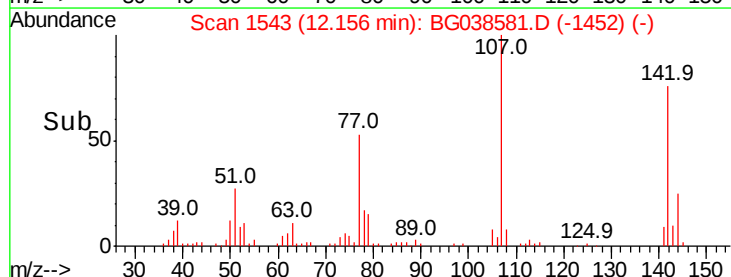
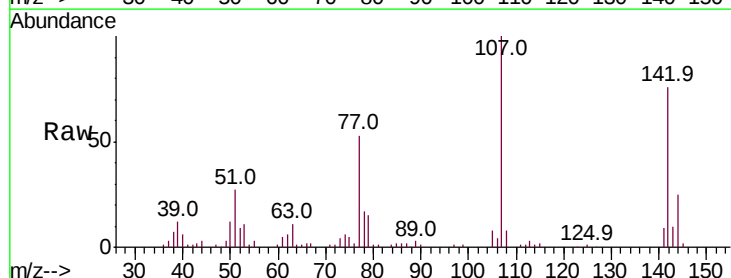
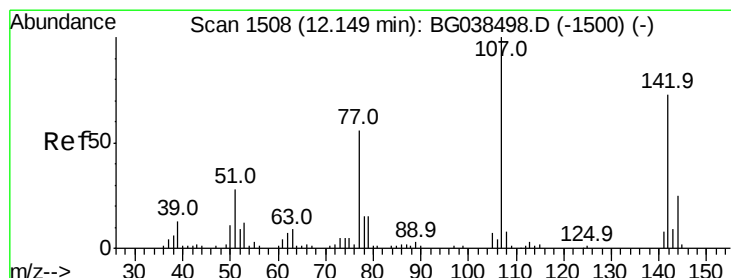
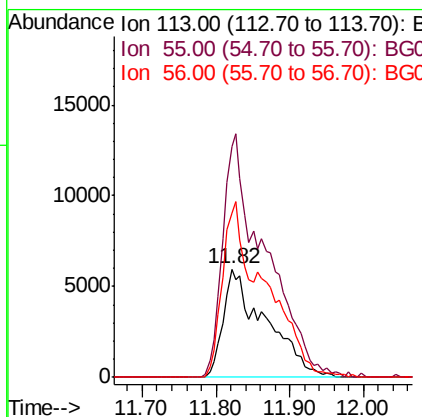
#35
Caprolactam
Concen: 37.031 ng/ml
RT: 11.82 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tot Ion:113 Resp: 23647
Ion Ratio Lower Upper
113 100
55 213.2 204.3 244.3
56 151.6 135.0 175.0

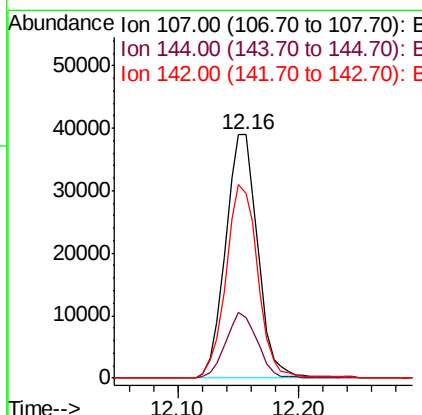
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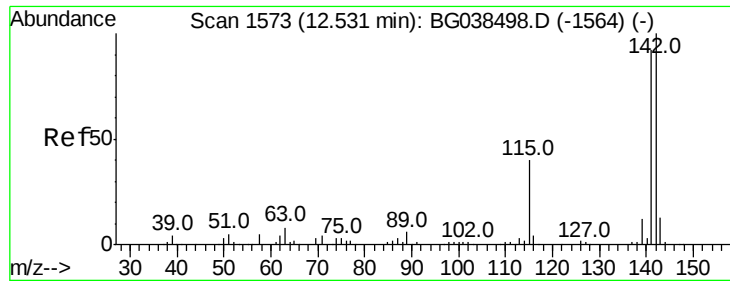
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#36
4-Chloro-3-methylphenol
Concen: 40.838 ng
RT: 12.16 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion:107 Resp: 71909
Ion Ratio Lower Upper
107 100
144 25.1 20.1 30.1
142 75.8 58.7 88.1





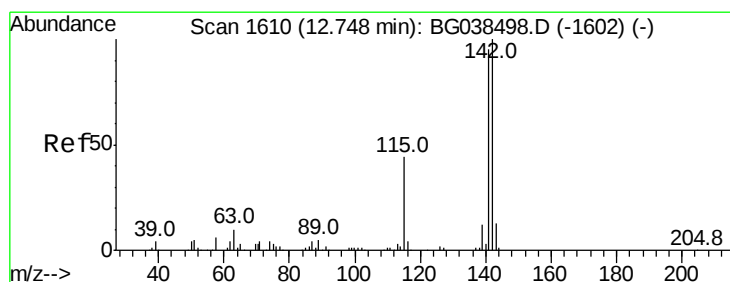
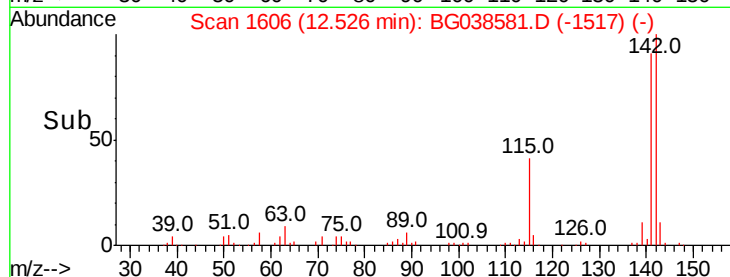
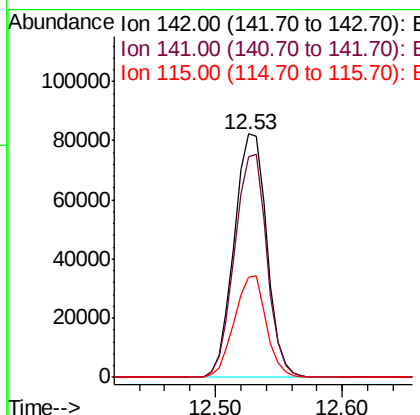
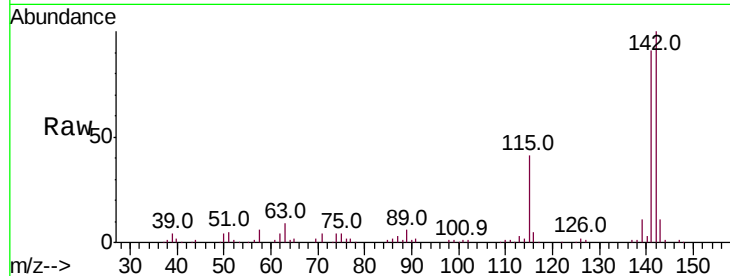
#37
 2-Methylnaphthalene
 Concen: 43.760 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.5	110.3
115	41.4	31.7	47.5

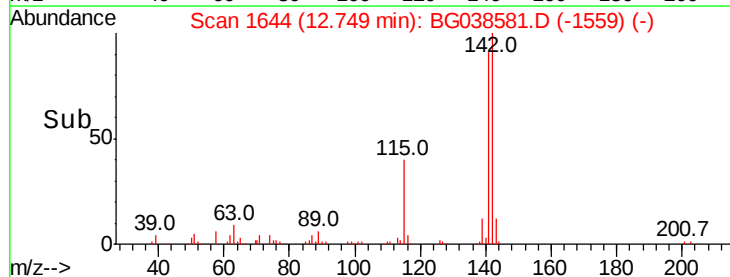
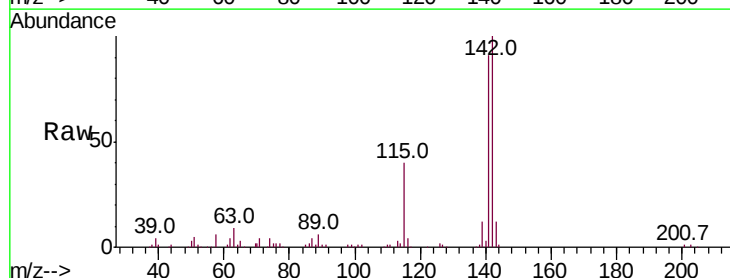
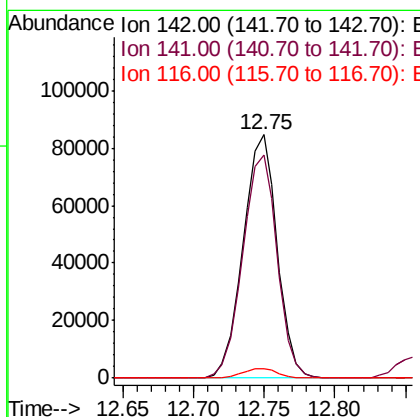
Manual Integrations
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#38
 1-Methylnaphthalene
 Concen: 43.784 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	75.8	113.8
116	3.7	3.6	5.4





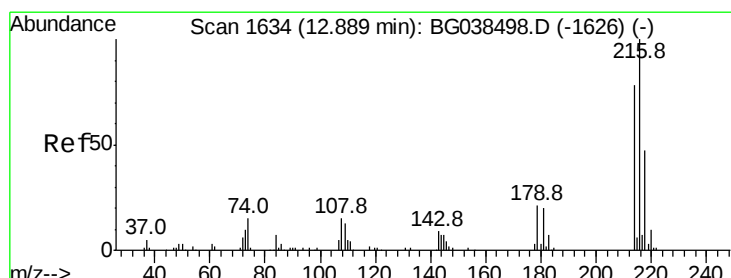
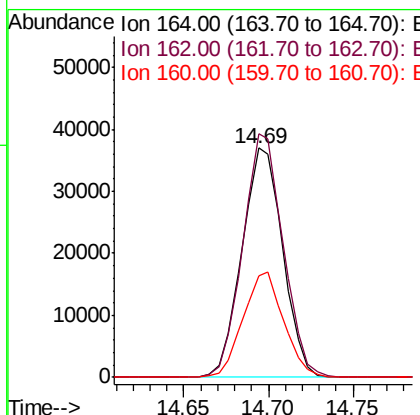
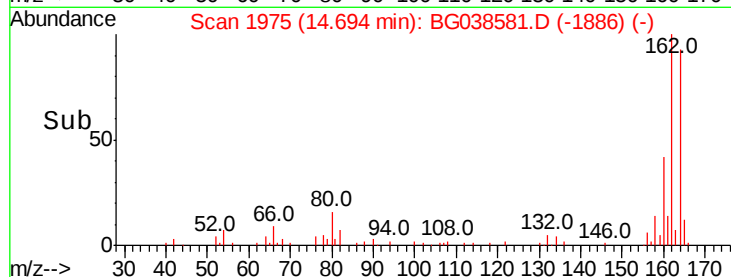
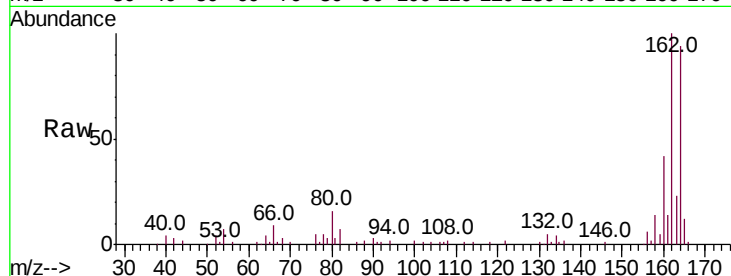
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.6	130.0
160	44.2	34.2	51.2

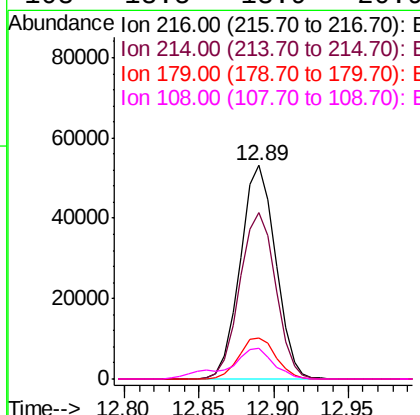
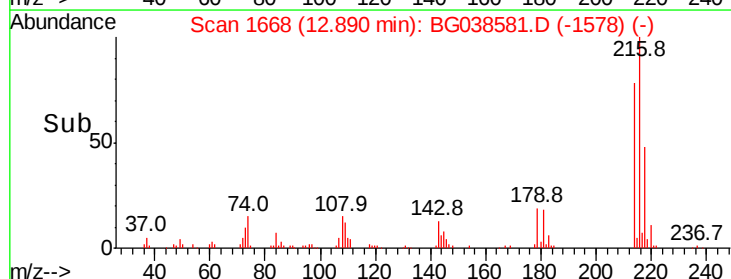
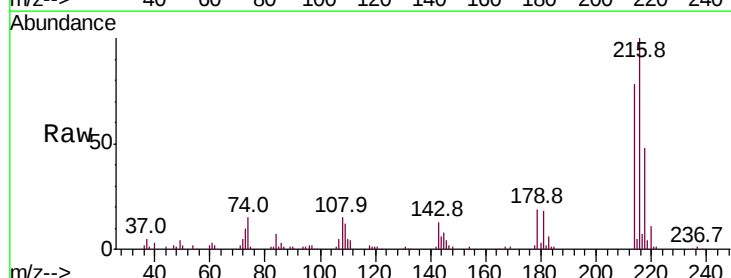
Manual Integrations
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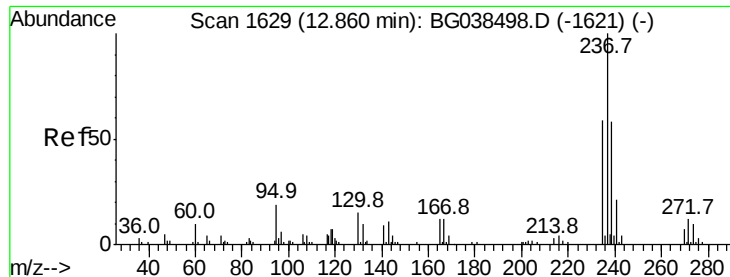
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.589 ng
RT: 12.89 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.1	96.1
179	20.1	16.4	24.6
108	18.5	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 92.313 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

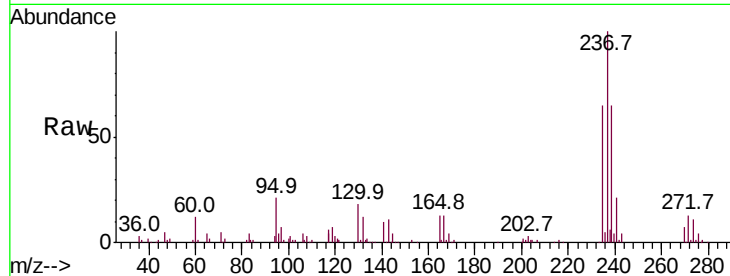
ClientSampleId :

PB115428BSD

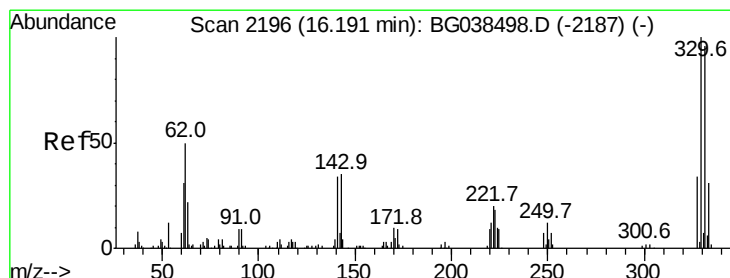
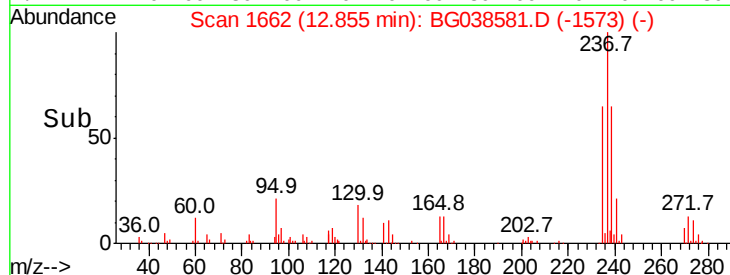
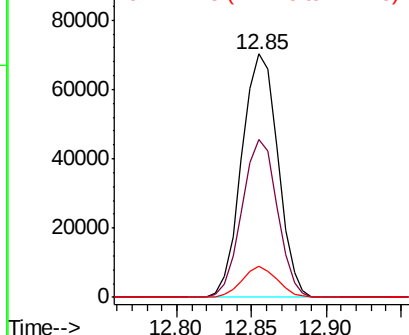
Tot Ion:	237	Resp:	117725
Ion Ratio	Lower	Upper	
237	100		
235	65.1	38.8	78.8
272	12.8	0.0	32.0

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



#42

2,4,6-Tribromophenol

Concen: 127.647 ng

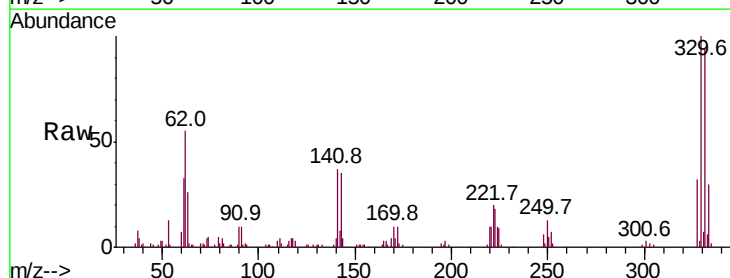
RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

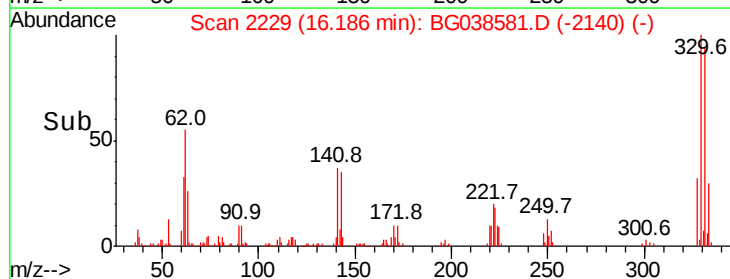
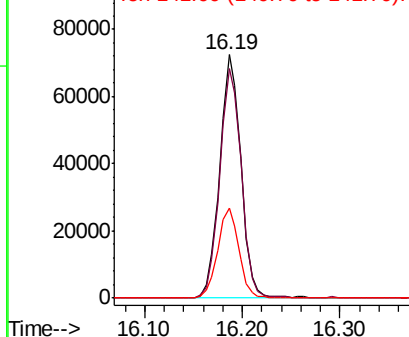
Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Tgt Ion:	330	Resp:	109245
Ion Ratio	Lower	Upper	
330	100		
332	95.5	76.9	115.3
141	36.9	28.8	43.2



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





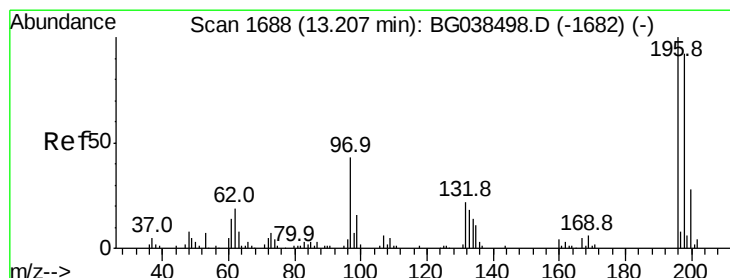
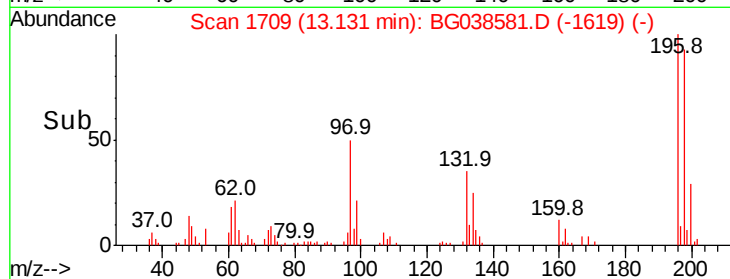
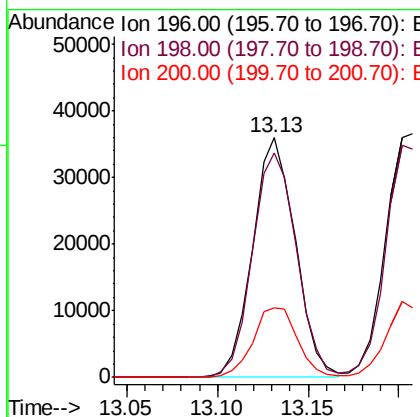
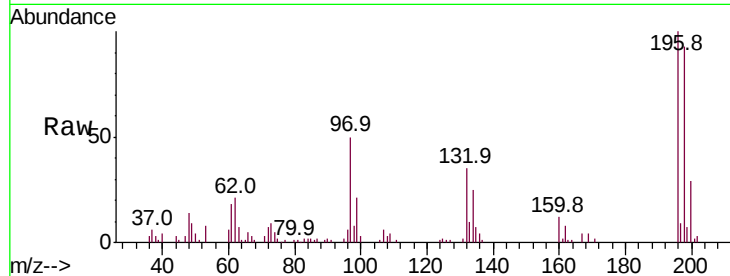
#43
 2,4,6-Trichlorophenol
 Concen: 41.336 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	58996		
198	93.4	75.0	112.4	
200	28.8	22.4	33.6	

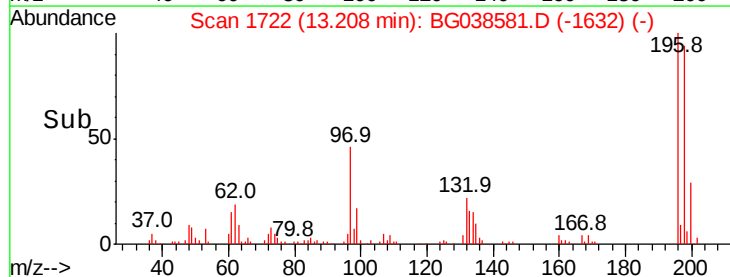
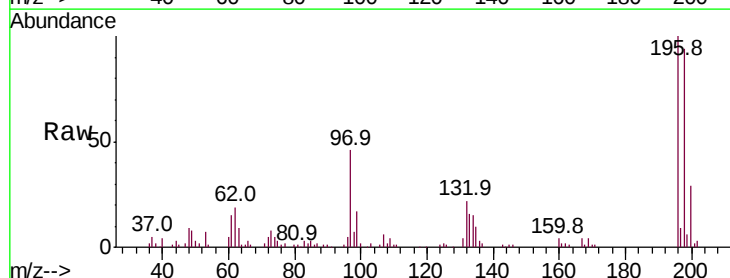
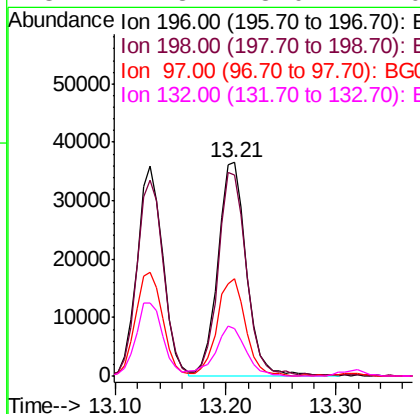
Manual Integrations
 APPROVED

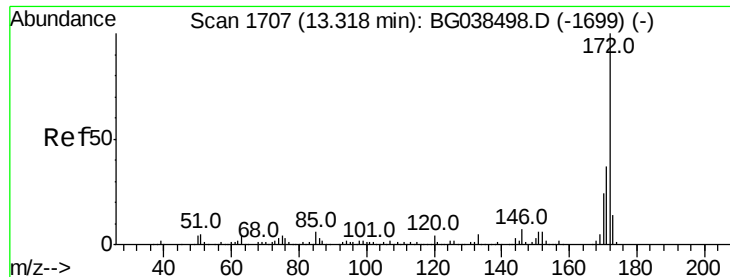
Sohil
 12/17/2018 4:11:53 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.623 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	65920		
198	93.9	74.0	111.0	
97	45.7	35.1	52.7	
132	22.3	18.0	27.0	





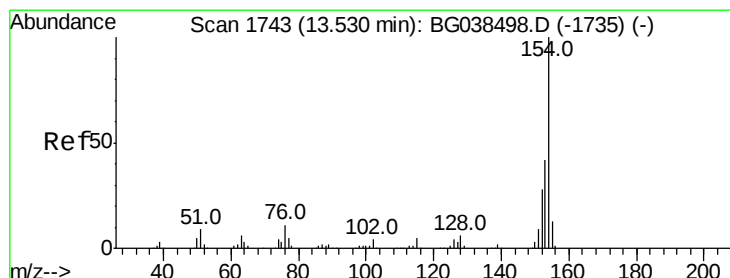
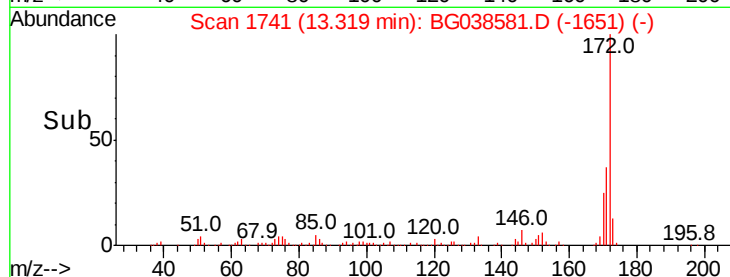
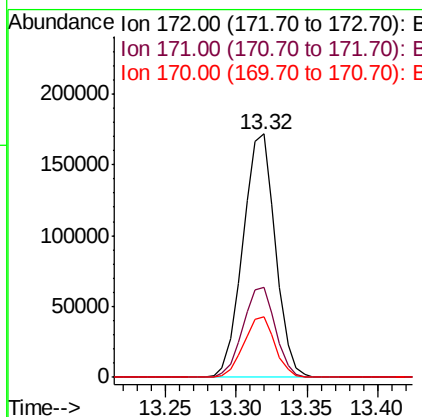
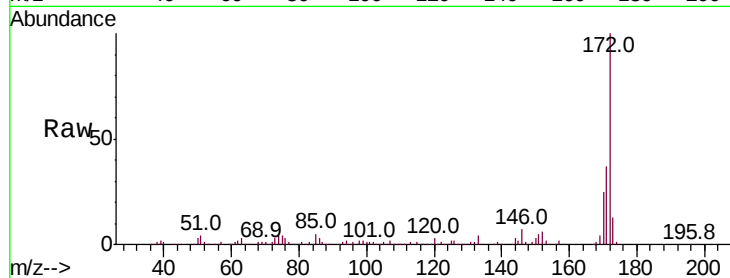
#45
2-Fluorobiphenyl
Concen: 60.908 ng
RT: 13.32 min Scan# 1741
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	24.8	19.5	29.3

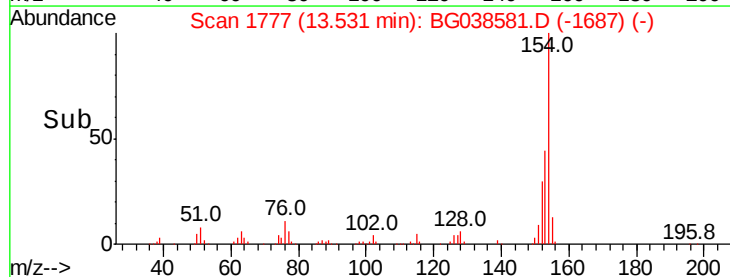
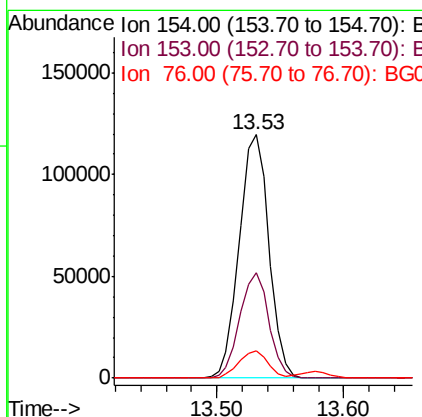
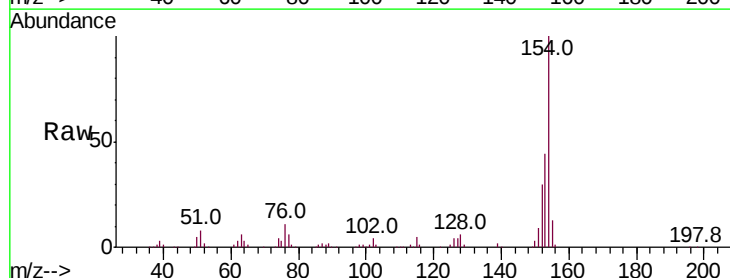
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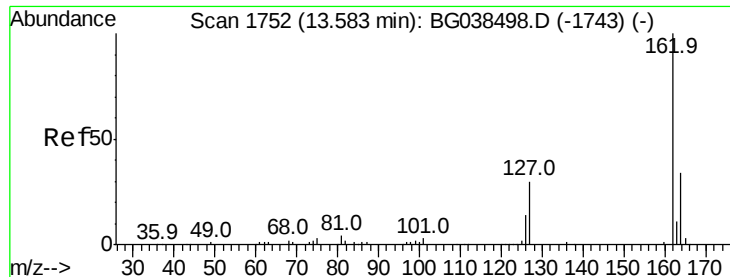
Sohil
12/17/2018 4:11:53 PM



#46
1,1'-Biphenyl
Concen: 37.236 ng
RT: 13.53 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	22.1	62.1
76	11.1	0.0	31.2





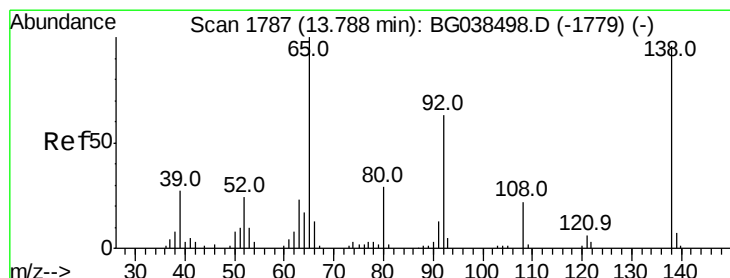
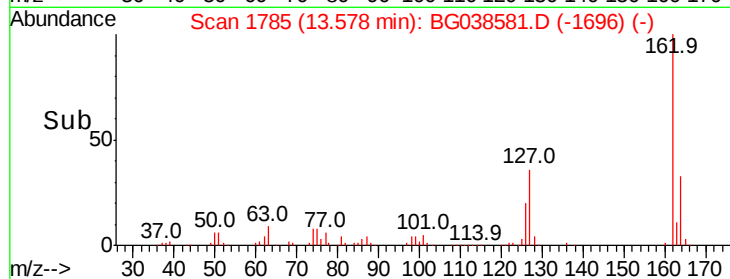
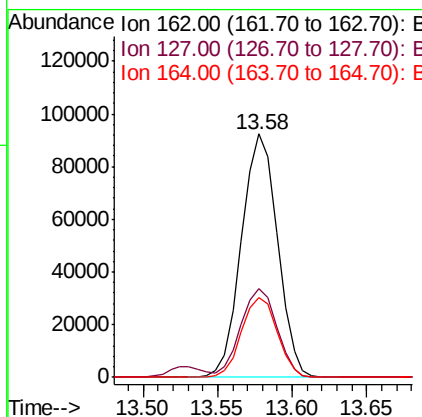
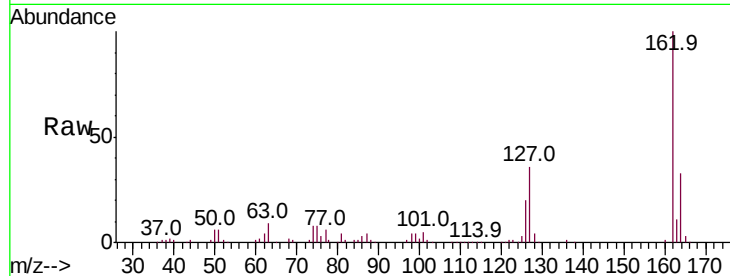
#47
 2-Chloronaphthalene
 Concen: 38.407 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.2	27.8	41.8	
164	32.9	26.9	40.3	

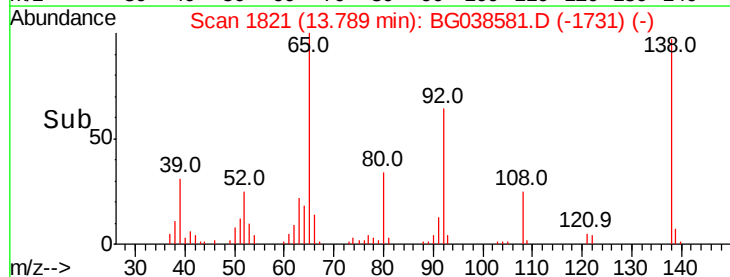
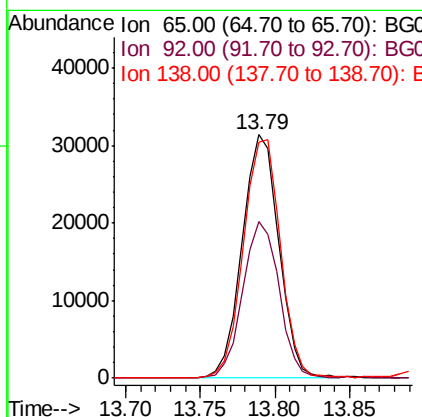
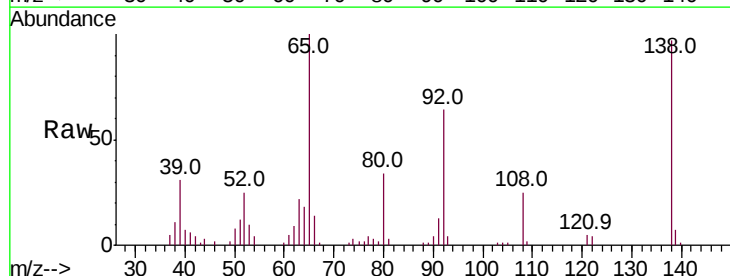
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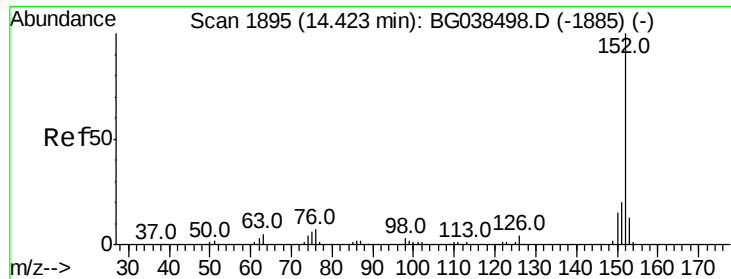
Sohil
 12/17/2018 4:11:53 PM



#48
 2-Nitroaniline
 Concen: 41.623 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	64.2	50.0	75.0	
138	96.8	76.9	115.3	





#49

Acenaphthylene

Concen: 42.565 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

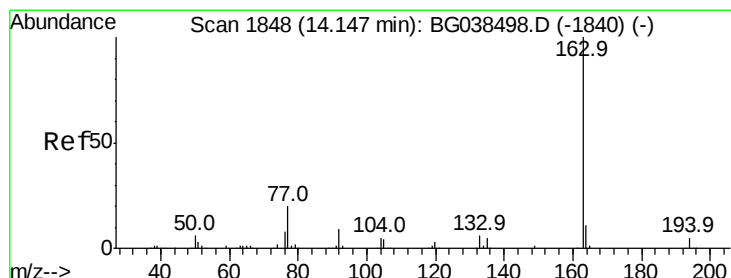
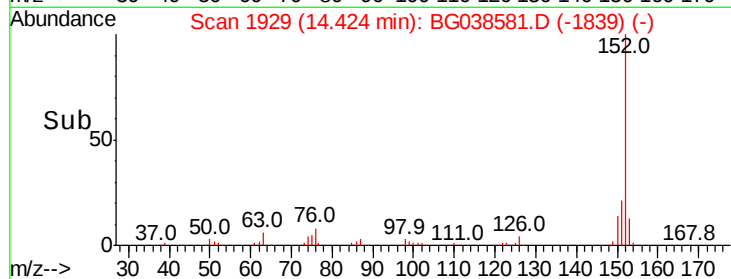
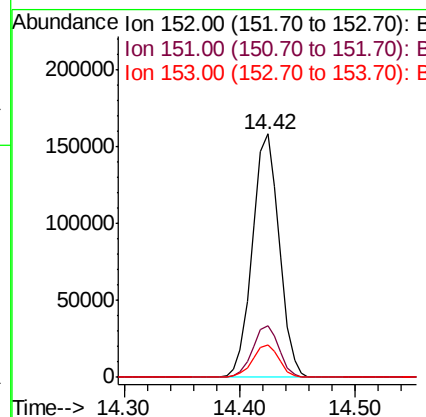
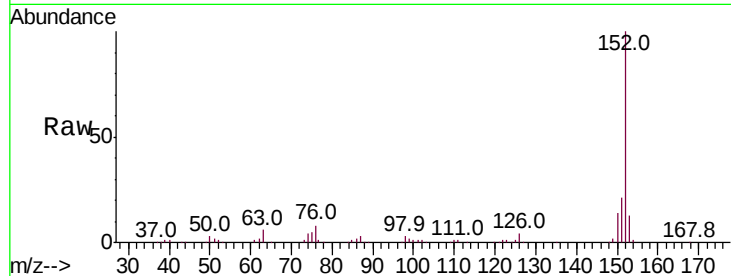
ClientSampleId :

PB115428BSD

Tot Ion:	152	Resp:	255887
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.4	24.6
153	13.2	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.317 ng

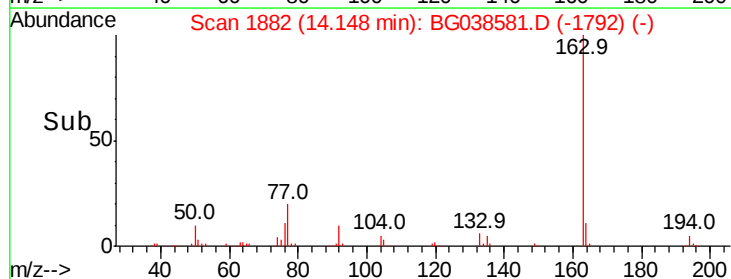
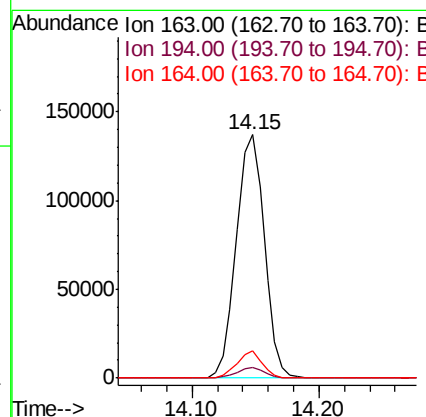
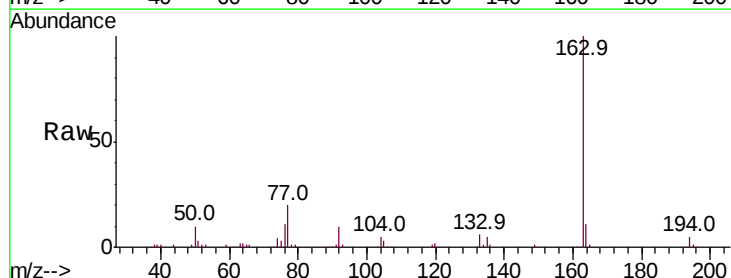
RT: 14.15 min Scan# 1882

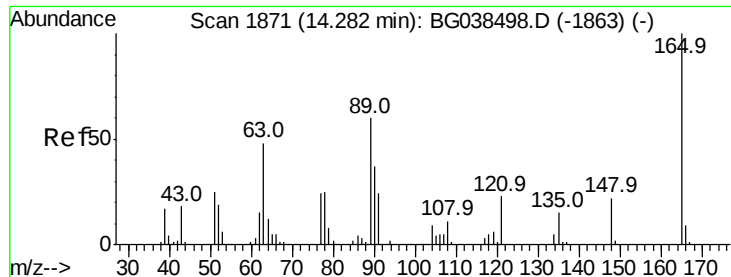
Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Tgt Ion:	163	Resp:	209528
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.7	5.5
164	11.0	8.6	12.8





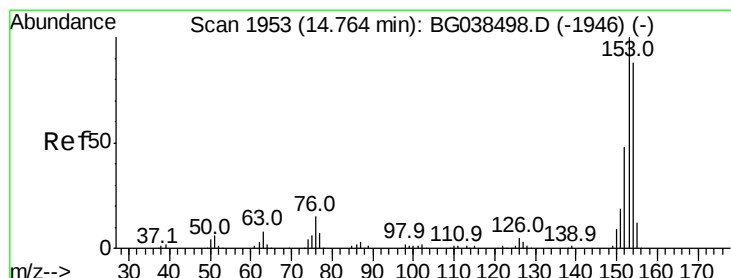
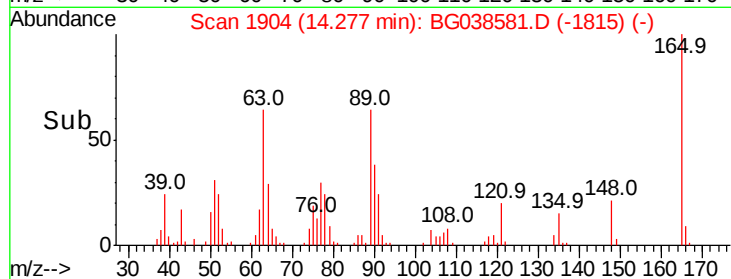
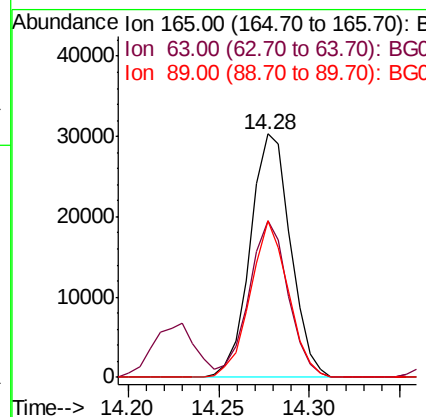
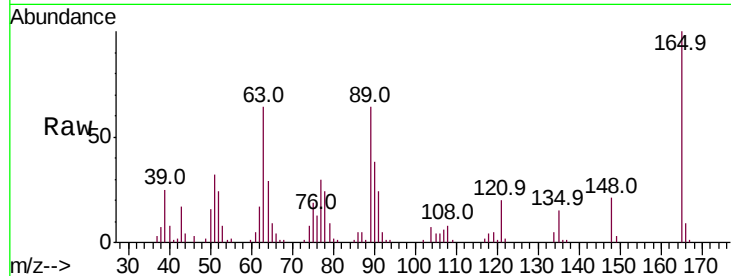
#51
2,6-Dinitrotoluene
Concen: 40.760 ng
RT: 14.28 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	46842		
63	64.5	51.8	77.6	
89	64.4	47.9	71.9	

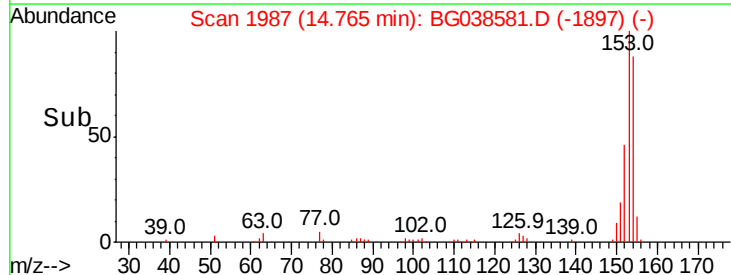
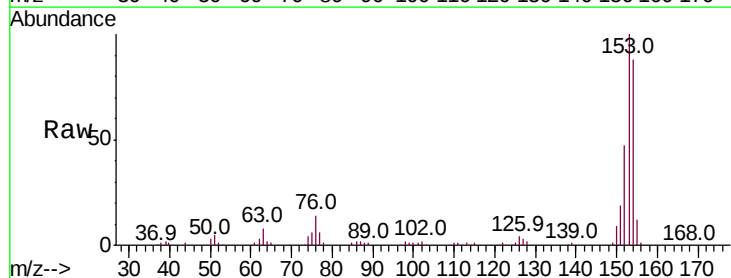
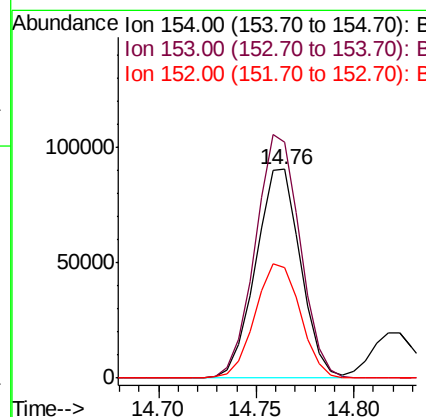
Manual Integrations
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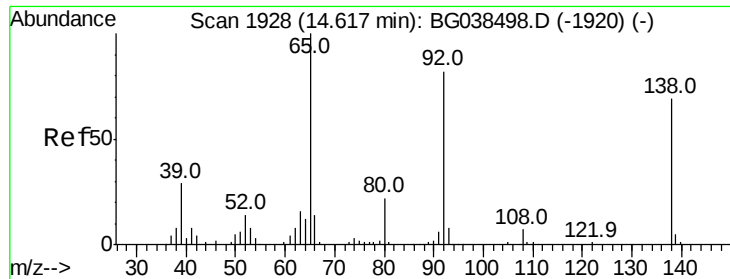
Sohil
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#52
Acenaphthene
Concen: 40.130 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	144257		
153	113.2	90.6	136.0	
152	52.7	43.5	65.3	





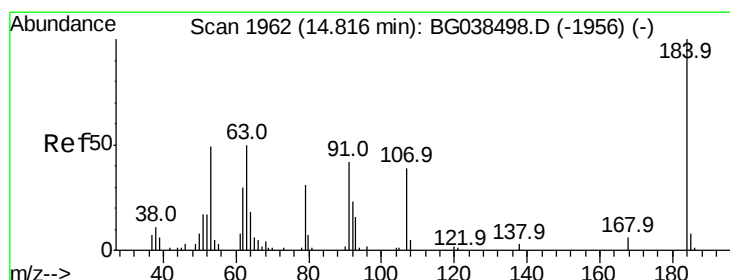
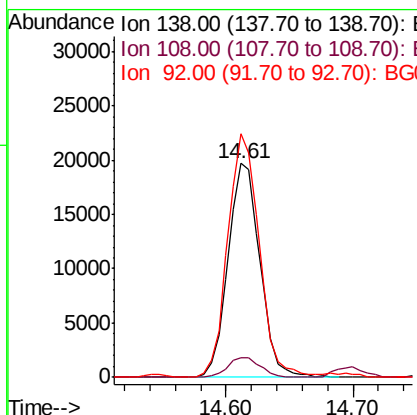
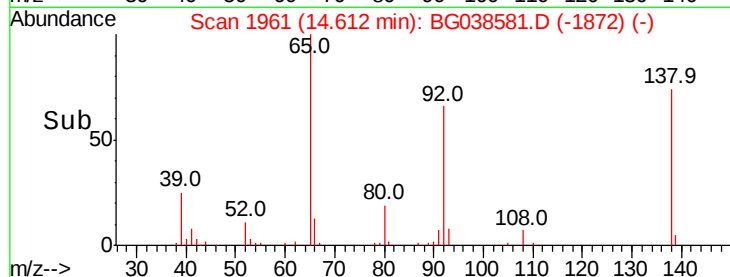
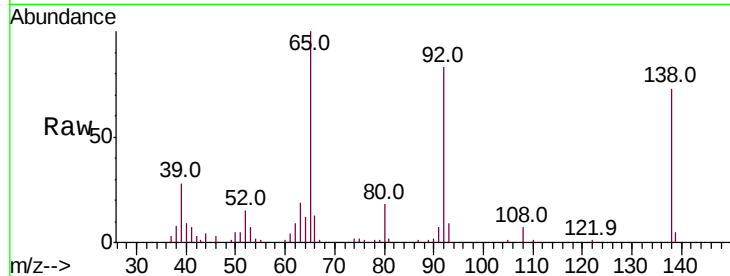
#53
3-Nitroaniline
Concen: 29.123 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	7.9	11.9
92	114.0	95.3	142.9

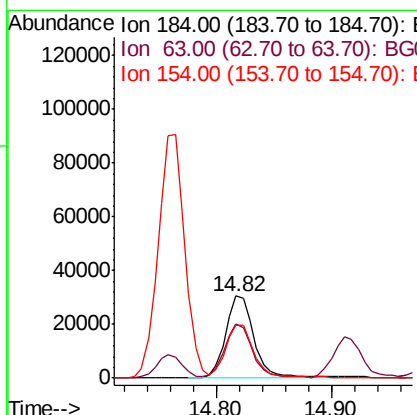
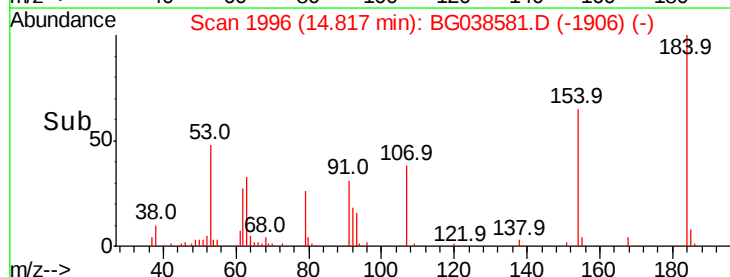
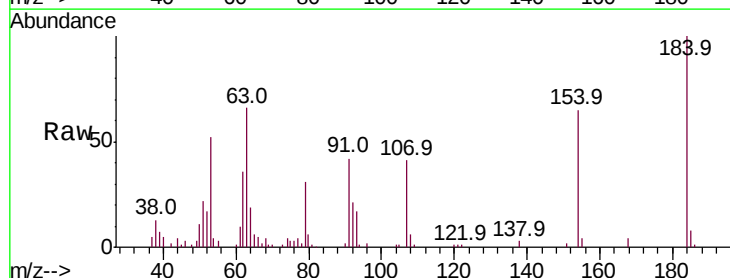
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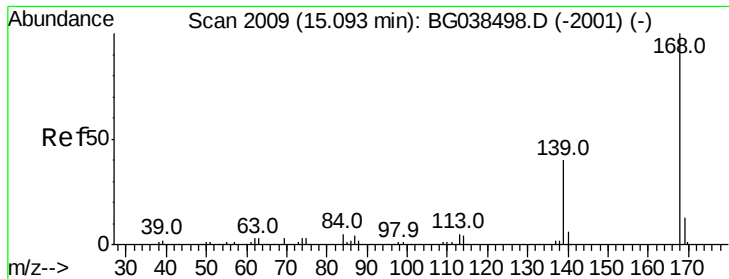
Sohil
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#54
2,4-Dinitrophenol
Concen: 76.810 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.2	47.0	70.6
154	64.9	50.3	75.5





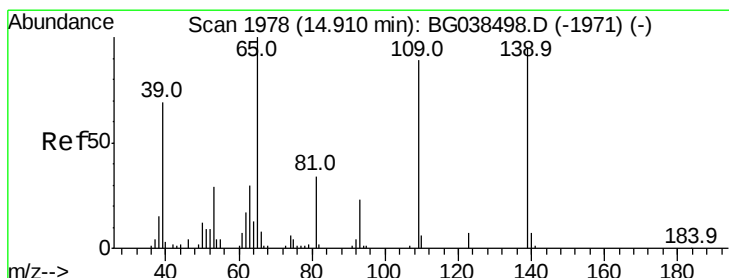
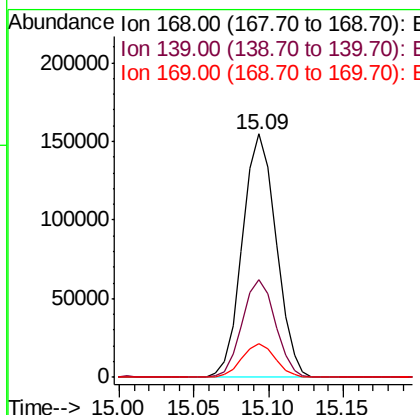
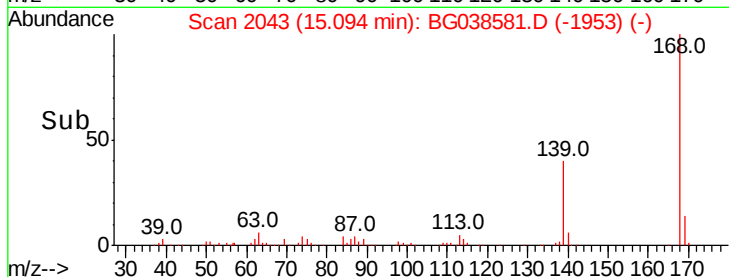
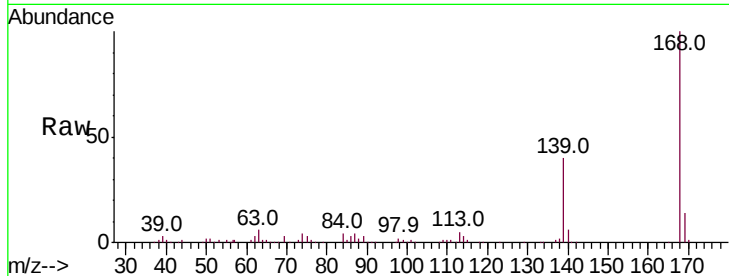
#55
Dibenzofuran
Concen: 39.327 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.3	32.2	48.2	
169	13.8	10.6	16.0	

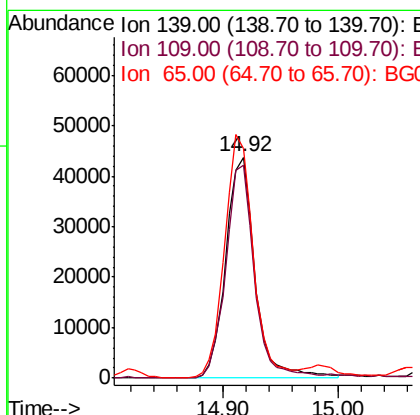
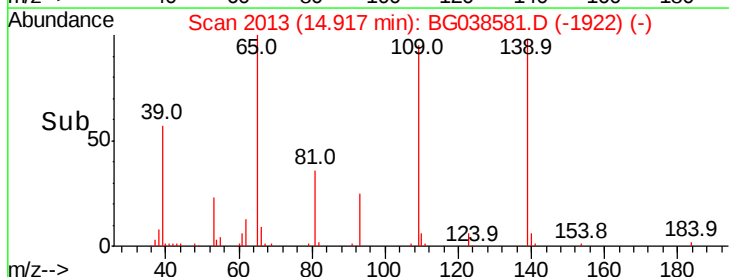
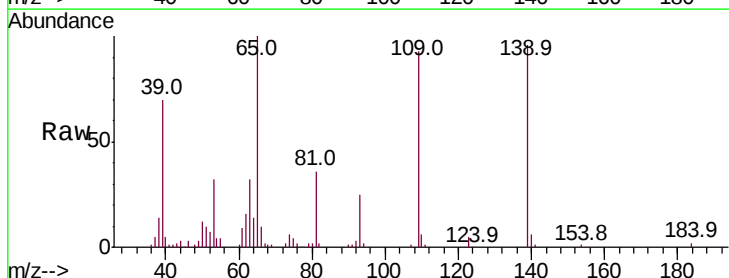
Manual Integrations
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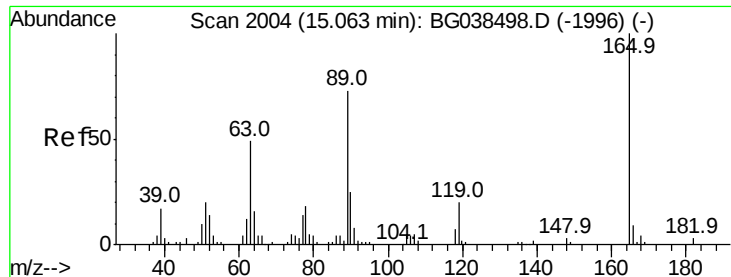
Sohil
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#56
4-Nitrophenol
Concen: 86.667 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	96.3	73.6	113.6	
65	103.7	84.8	124.8	





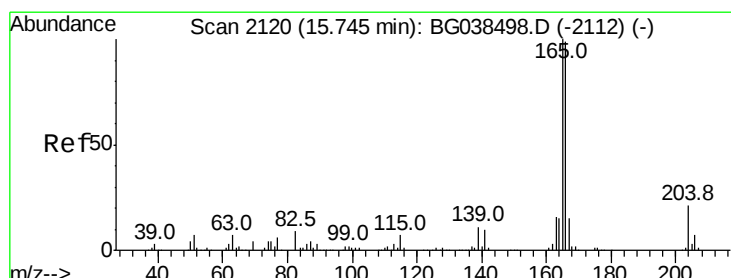
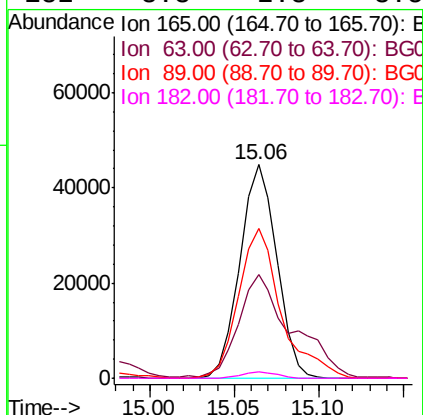
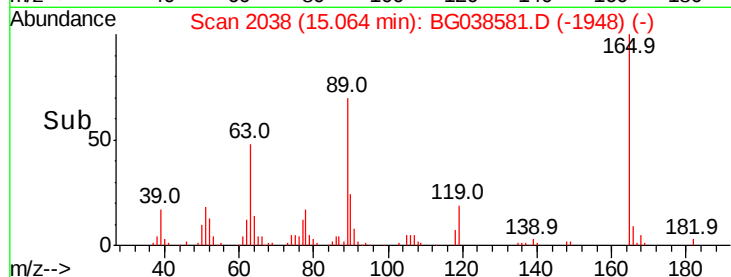
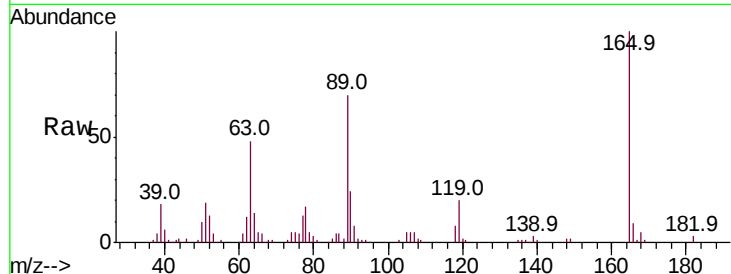
#57
2,4-Dinitrotoluene
Concen: 42.097 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	68140		
63	48.5	39.0	58.4	
89	70.0	58.0	87.0	
182	3.3	2.3	3.5	

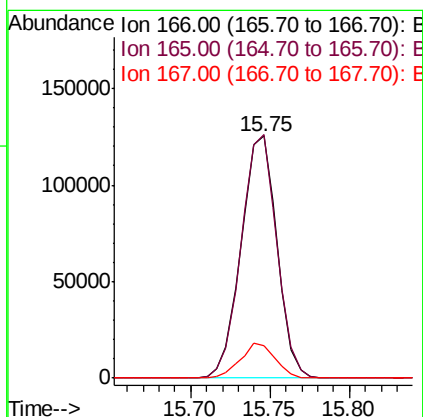
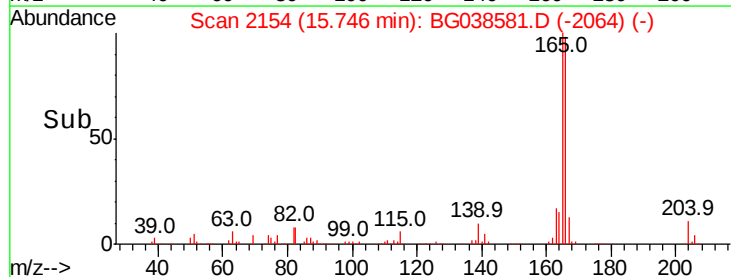
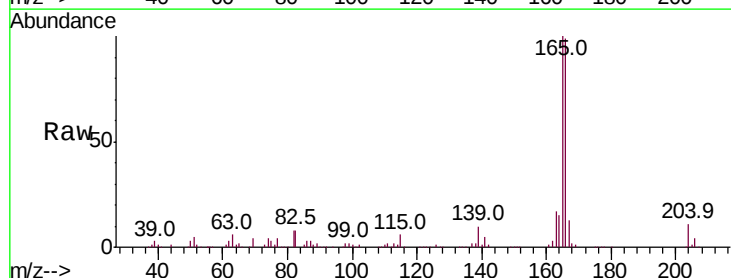
Manual Integrations
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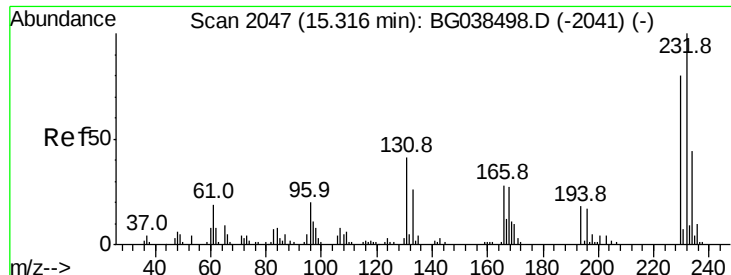
Sohil
12/17/2018 4:11:53 PM



#58
Fluorene
Concen: 42.925 ng
RT: 15.75 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	195964		
165	100.7	80.6	120.8	
167	13.6	12.0	18.0	





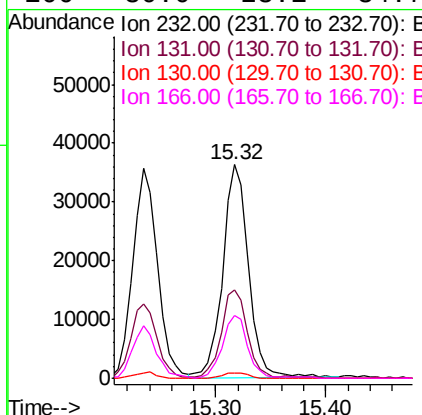
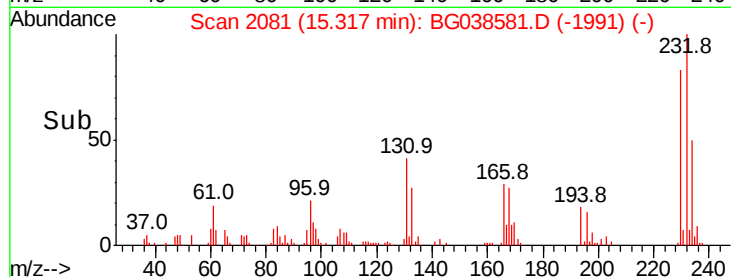
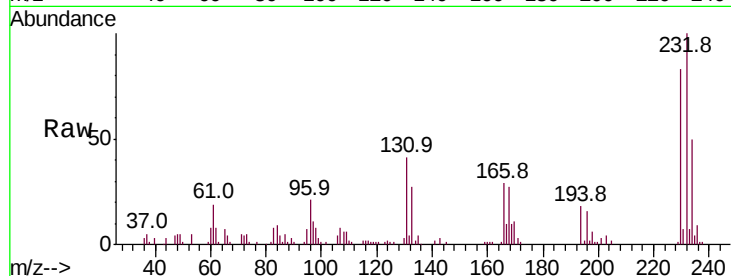
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.069 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

Tot Ion:	232	Resp:	58554
Ion Ratio	Lower	Upper	
232	100		
131	41.0	33.0	49.4
130	2.6	2.0	3.0
166	30.0	23.1	34.7

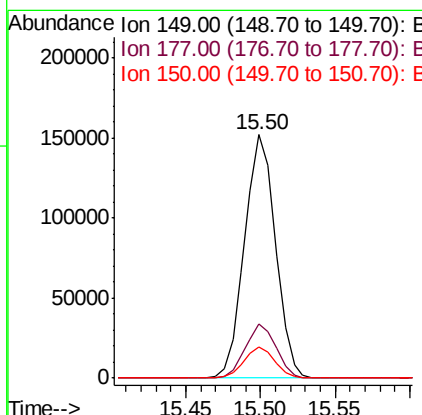
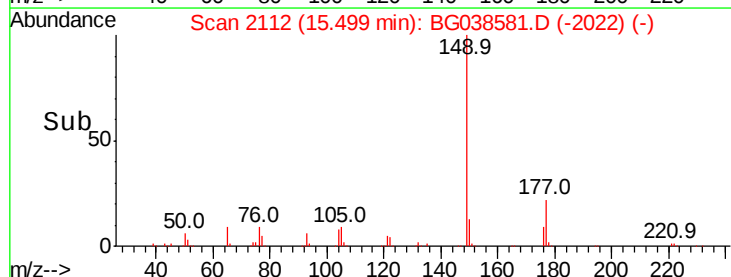
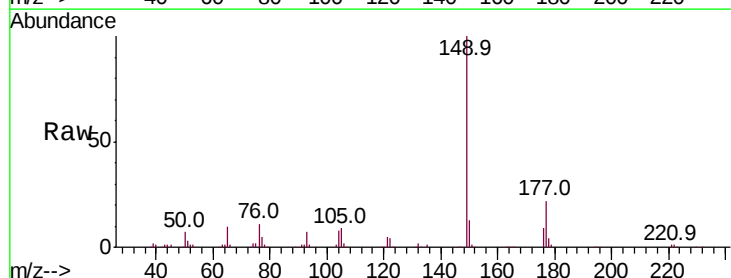
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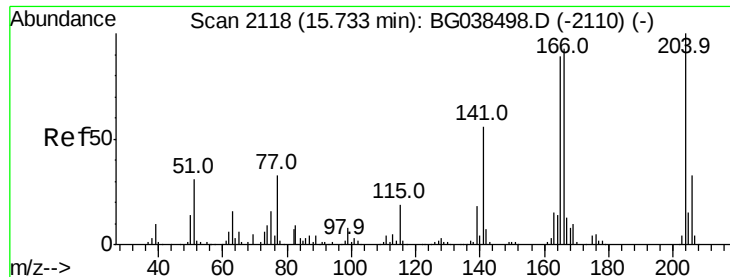
Sohil
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#60
 Diethylphthalate
 Concen: 39.112 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion:	149	Resp:	217741
Ion Ratio	Lower	Upper	
149	100		
177	22.2	17.7	26.5
150	12.6	9.9	14.9





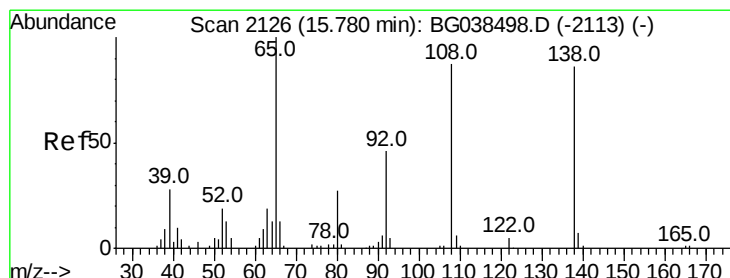
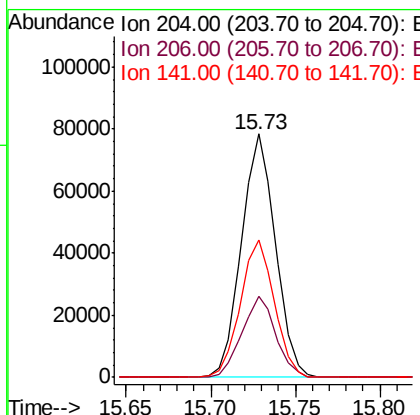
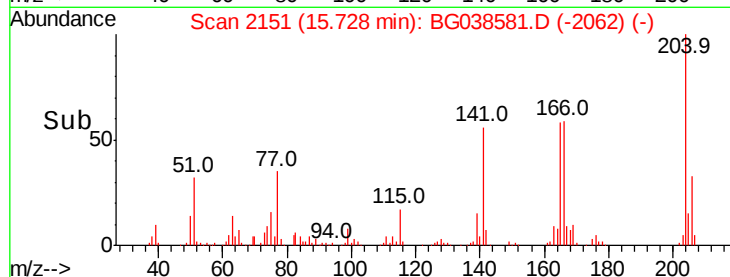
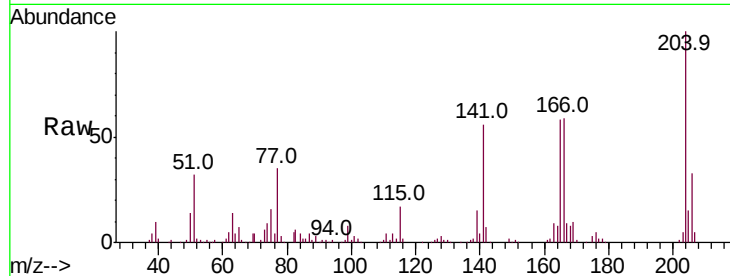
#61
4-Chlorophenyl-phenylether
Concen: 38.378 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleID :
PB115428BSD

Tot Ion:	204	Resp:	109317
Ion Ratio		Lower	Upper
204	100		
206	33.3	26.0	39.0
141	56.2	44.4	66.6

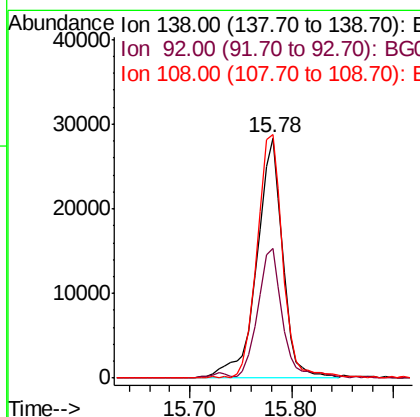
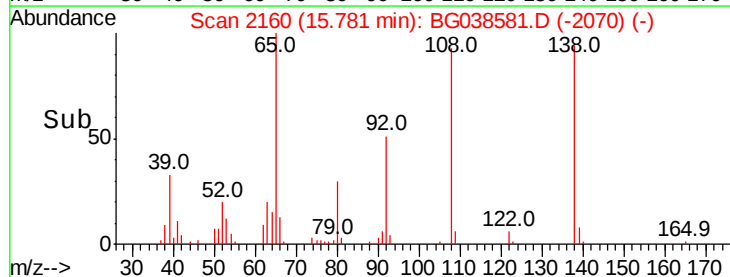
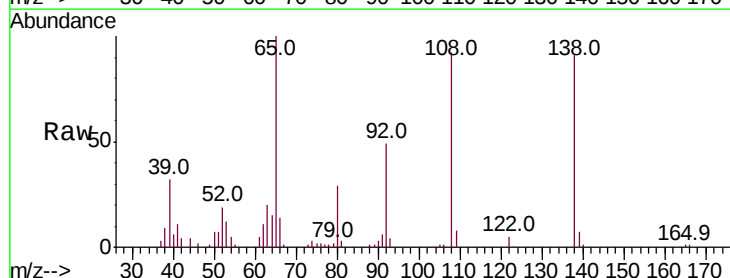
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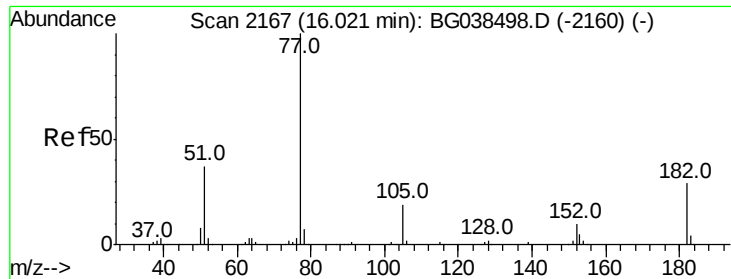
Sohil
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#62
4-Nitroaniline
Concen: 41.653 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion:	138	Resp:	50236
Ion Ratio		Lower	Upper
138	100		
92	54.1	33.3	73.3
108	101.4	81.4	121.4





#63

Azobenzene

Concen: 40.559 ng

RT: 16.02 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

PB115428BSD

Tot Ion: 77 Resp: 188625

Ion Ratio Lower Upper

77 100

182 29.9 8.7 48.7

105 17.9 0.0 38.7

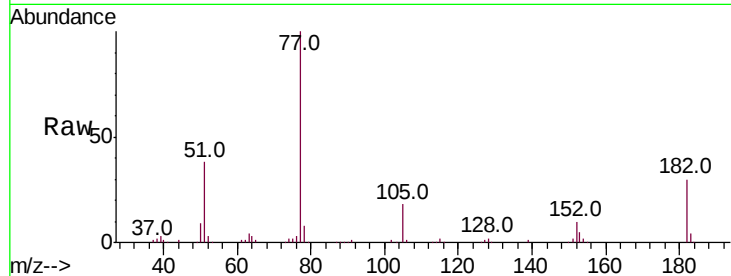
51 38.0 16.6 56.6

Manual Integrations

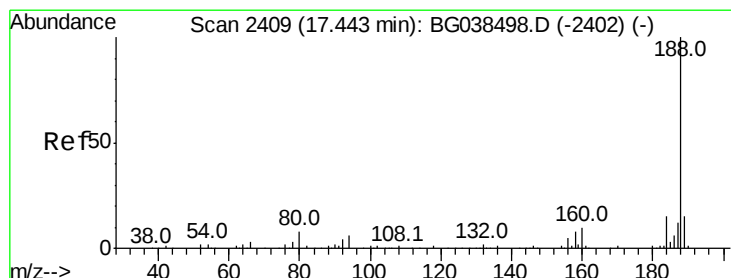
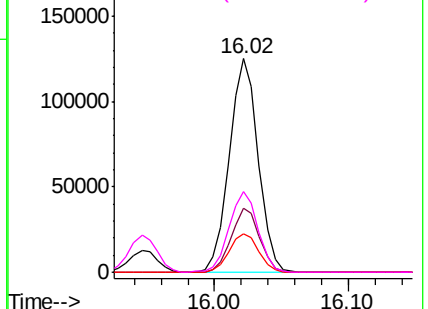
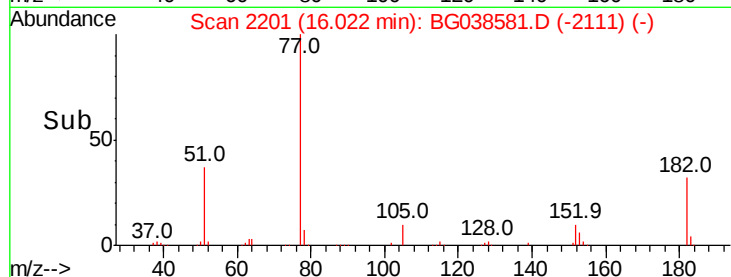
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

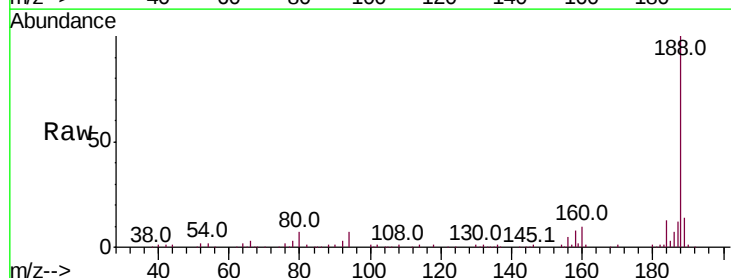
Tgt Ion: 188 Resp: 159253

Ion Ratio Lower Upper

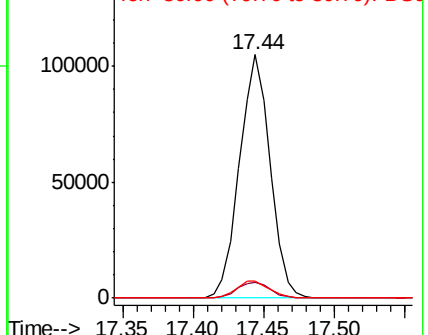
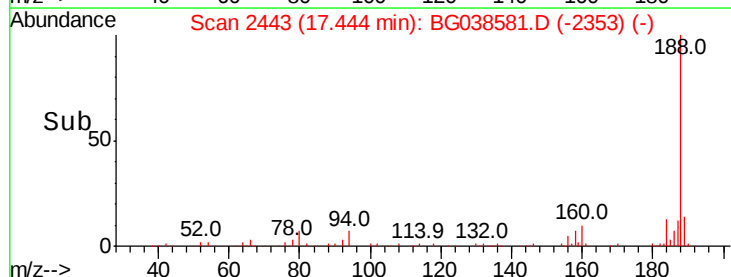
188 100

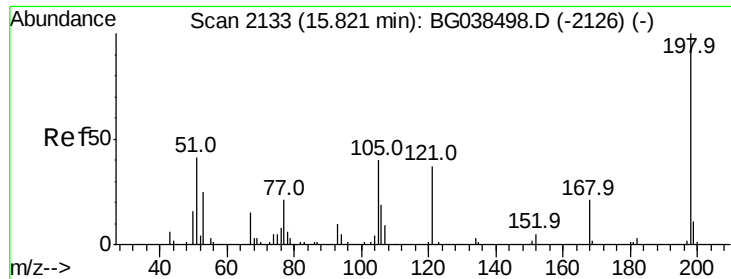
94 6.7 5.1 7.7

80 7.1 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: 37.105 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

PB115428BSD

Tot Ion:198 Resp: 42153

Ion Ratio Lower Upper

198 100

51 47.8 28.6 68.6

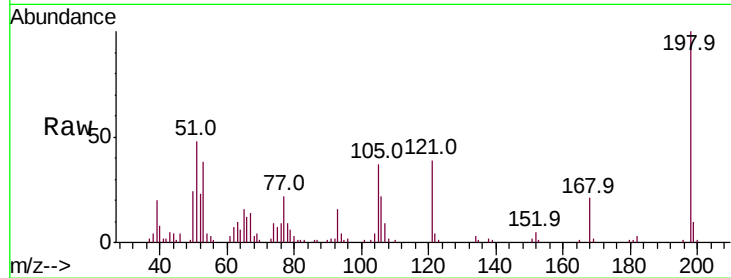
105 37.5 20.4 60.4

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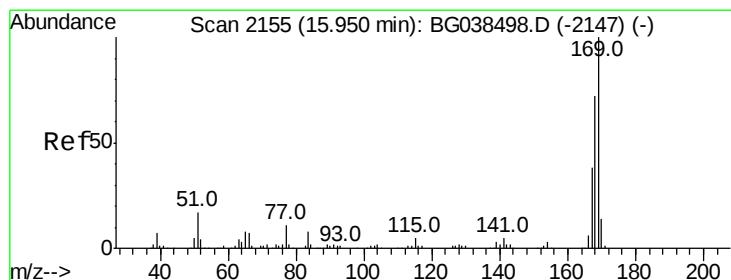
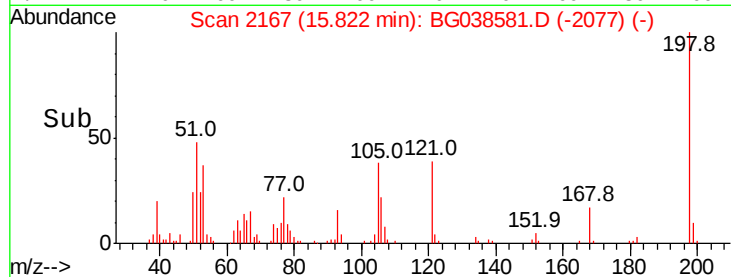
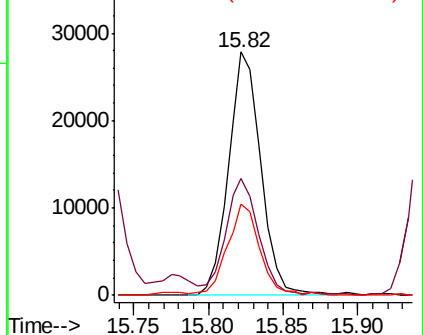
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG038498.D (-2126) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.600 ng

RT: 15.95 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

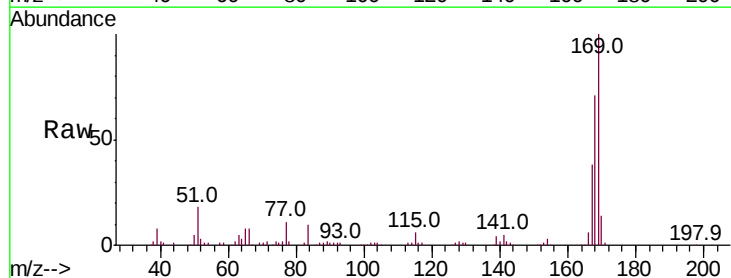
Tgt Ion:169 Resp: 180617

Ion Ratio Lower Upper

169 100

168 70.9 57.5 86.3

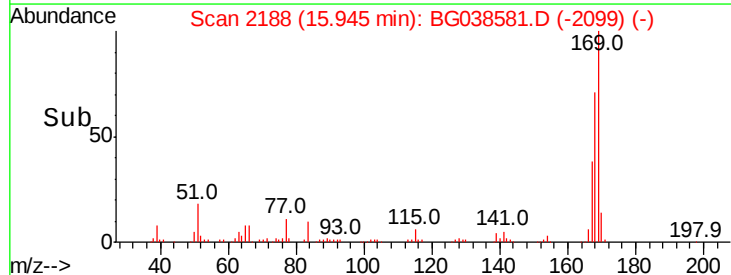
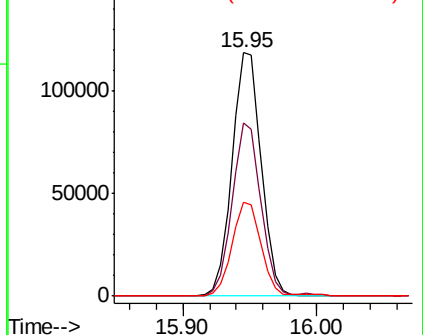
167 38.4 30.2 45.2

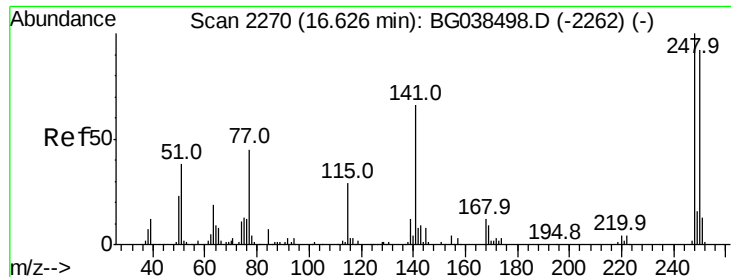


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 37.118 ng

RT: 16.63 min Scan# 2304

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

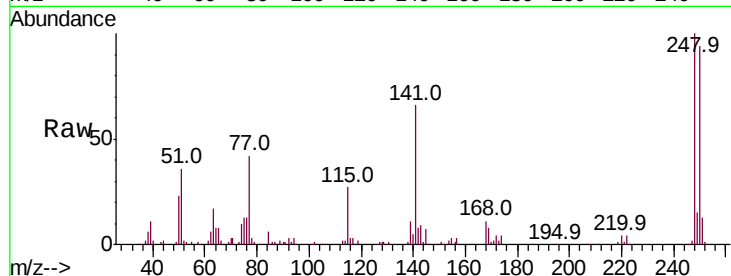
ClientSampleId :

PB115428BSD

Tot Ion:	248	Resp:	72193
Ion Ratio	Lower	Upper	
248	100		
250	94.4	73.4	110.2
141	66.1	52.9	79.3

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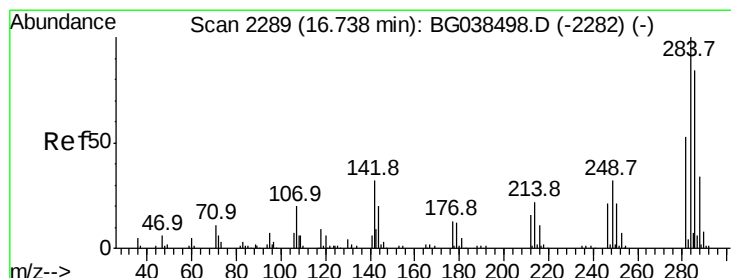
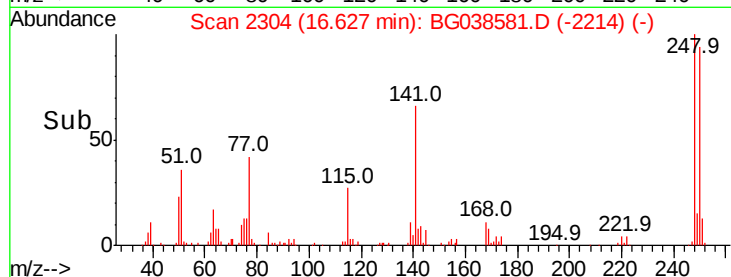
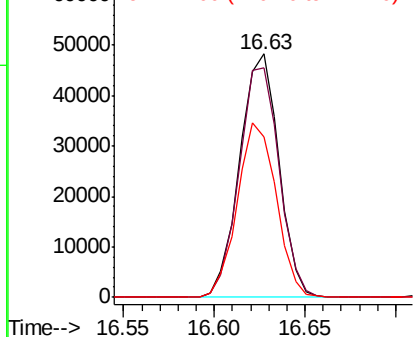


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 37.110 ng

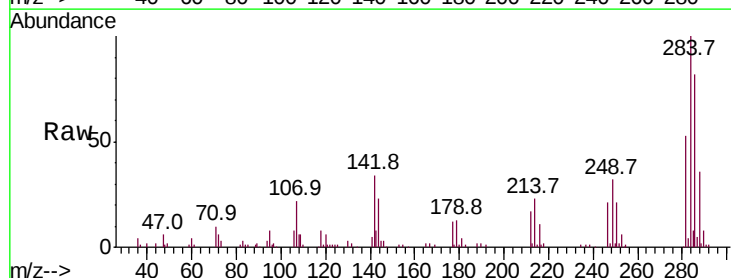
RT: 16.74 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Tgt Ion:	284	Resp:	74820
Ion Ratio	Lower	Upper	
284	100		
142	34.2	25.8	38.6
249	33.8	27.0	40.4

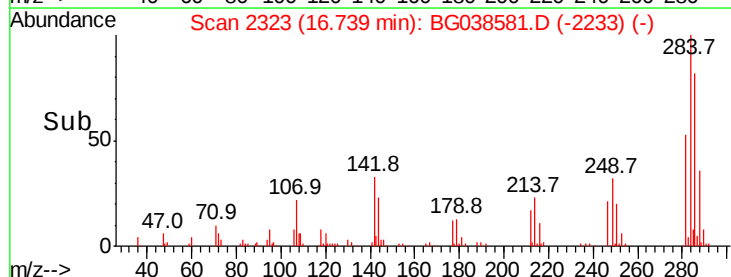
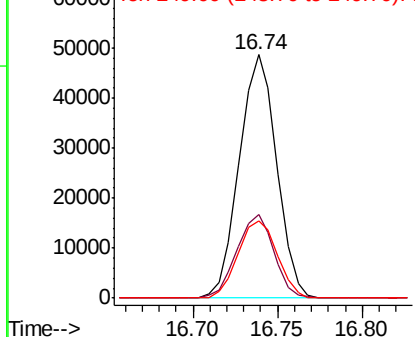


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





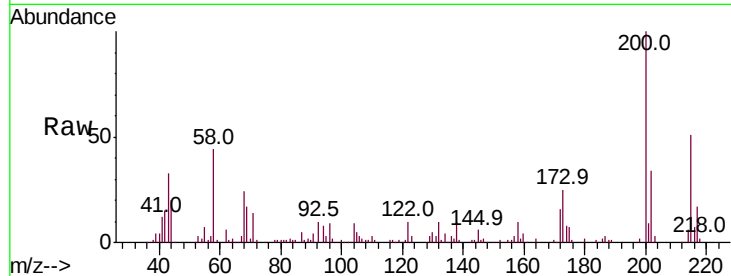
#69
Atrazine
Concen: 43.977 ng
RT: 16.89 min Scan# 2349
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

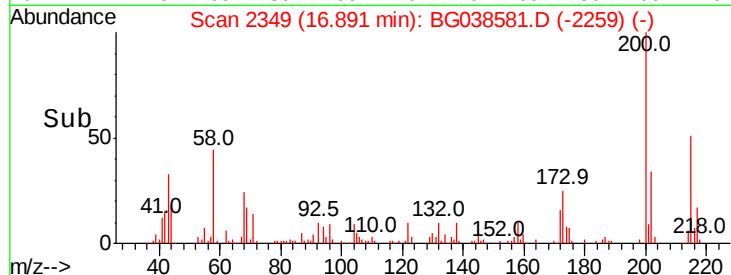
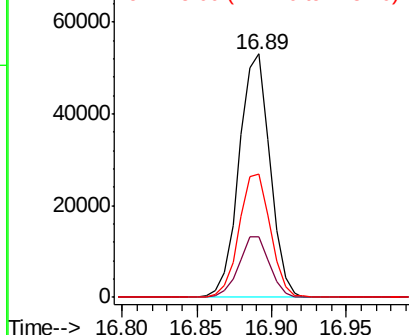
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.9	5.9	45.9
215	50.7	33.1	73.1

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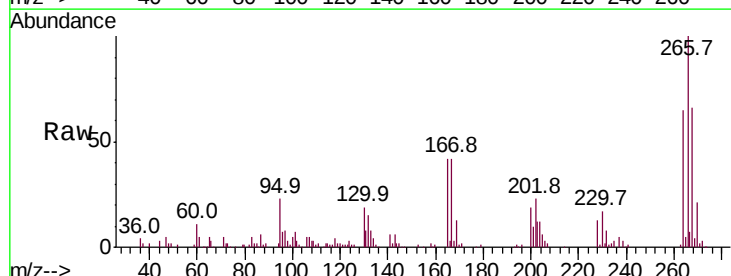


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

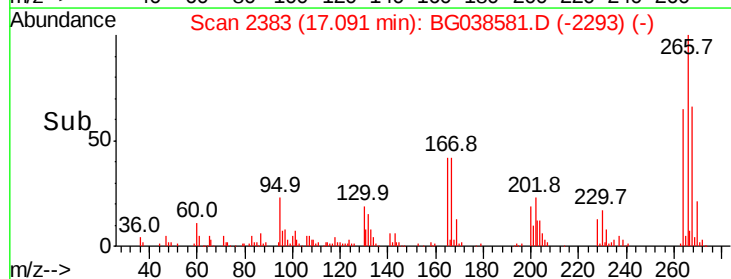
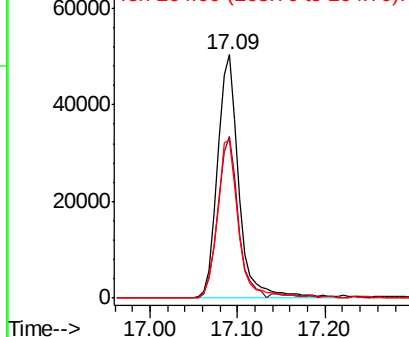


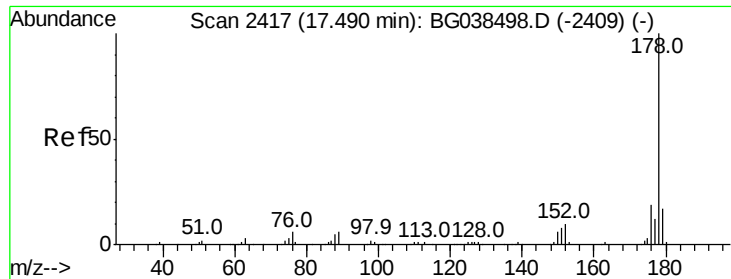
#70
Pentachlorophenol
Concen: 71.874 ng
RT: 17.09 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	70.4	55.0	82.6
264	69.6	56.7	85.1



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





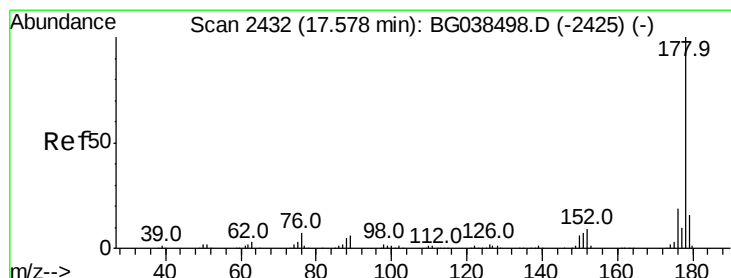
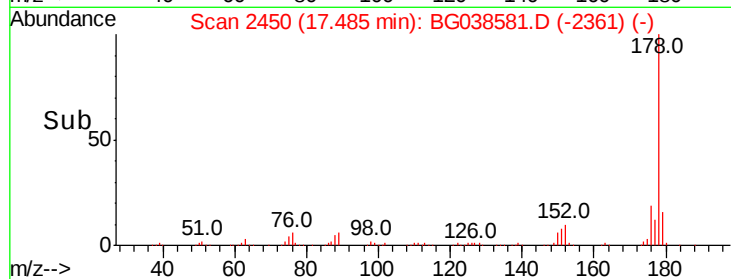
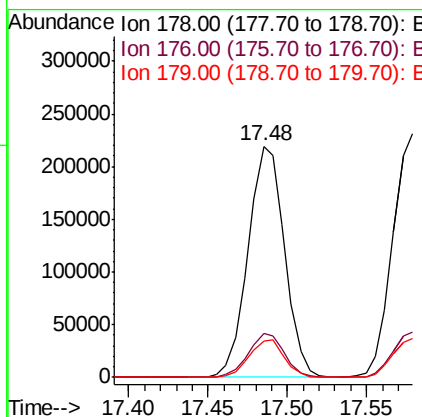
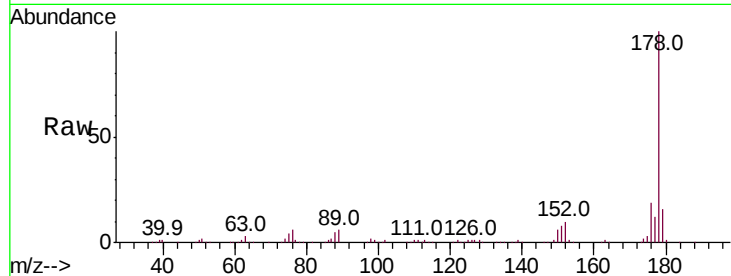
#71
Phenanthrene
Concen: 42.372 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.8	13.2	19.8

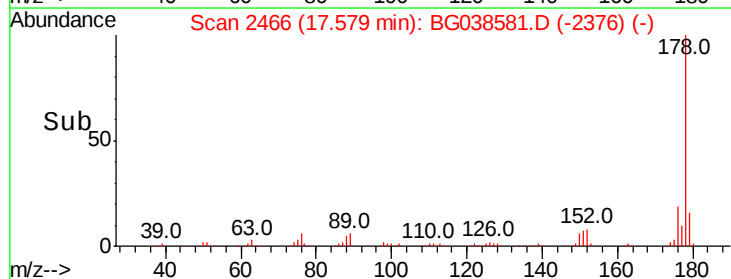
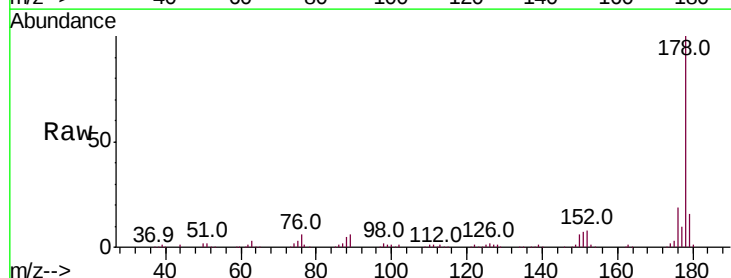
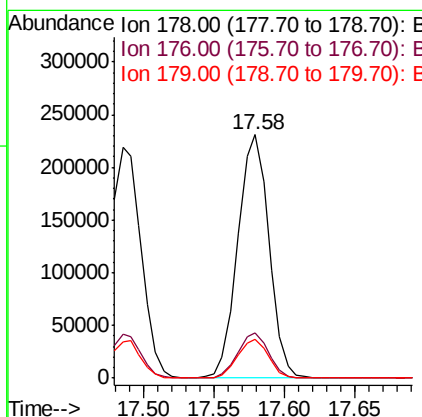
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#72
Anthracene
Concen: 43.669 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	16.1	12.9	19.3





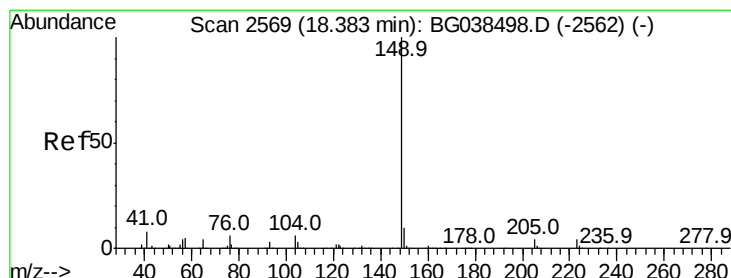
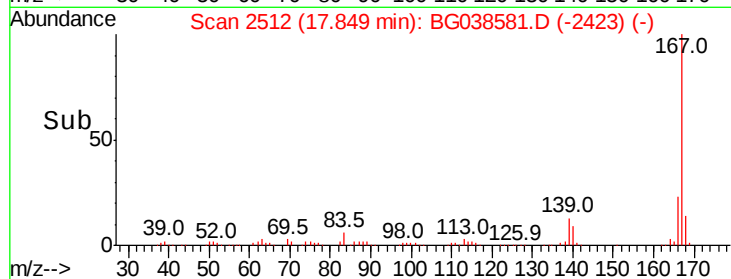
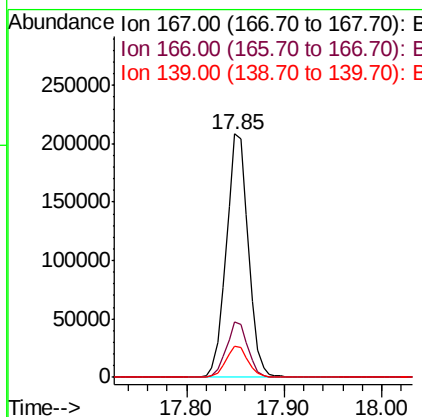
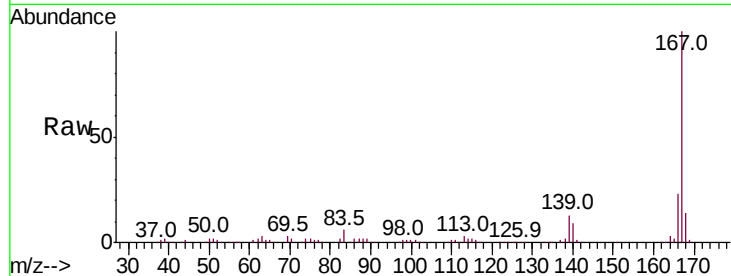
#73
 Carbazole
 Concen: 40.393 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

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

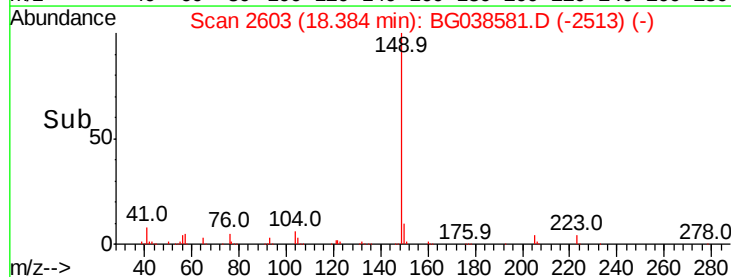
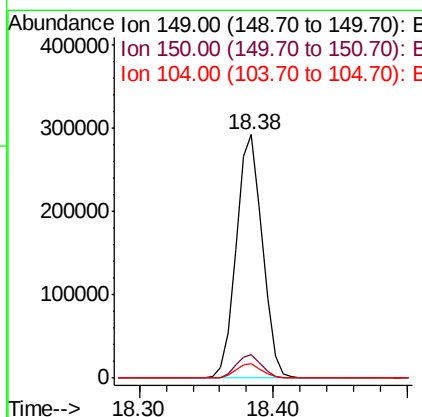
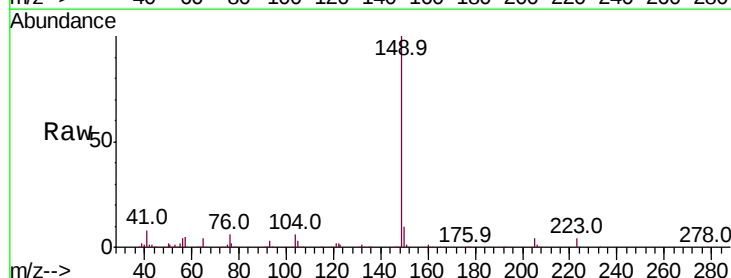
Manual Integrations
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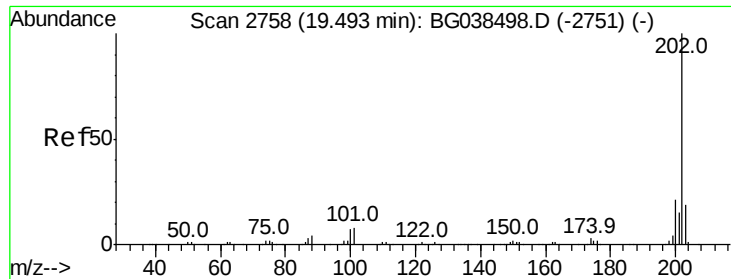
Sohil
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#74
 Di-n-butylphthalate
 Concen: 42.817 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.9	7.6	11.4	
104	5.9	5.0	7.4	





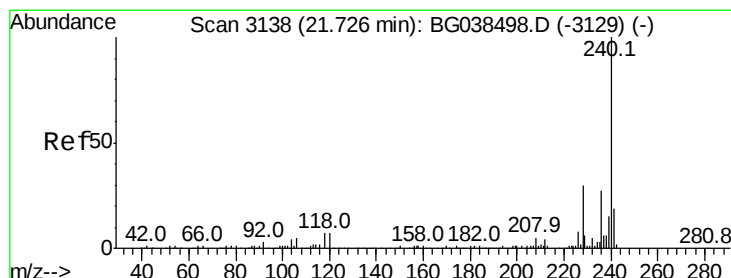
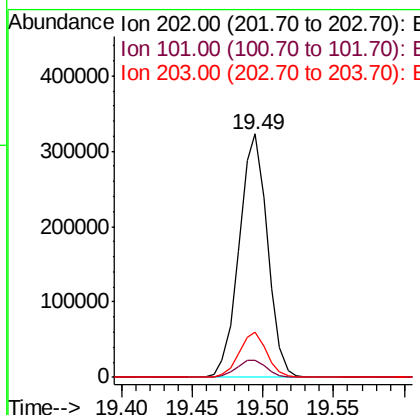
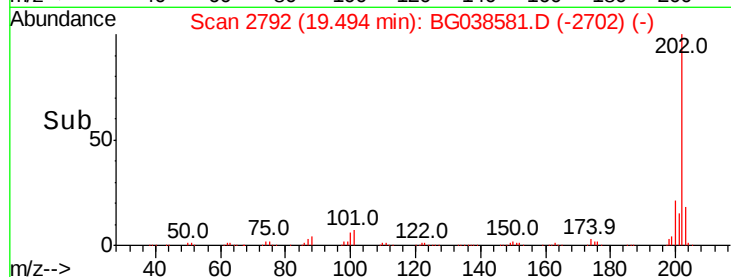
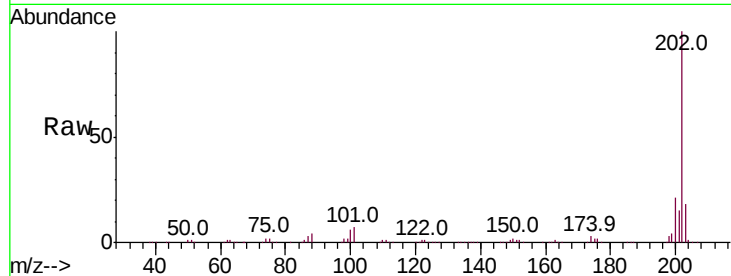
#75
 Fluoranthene
 Concen: 44.287 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.8	0.0	28.1
203	18.4	0.0	39.0

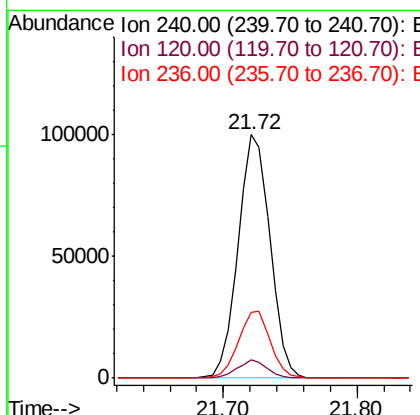
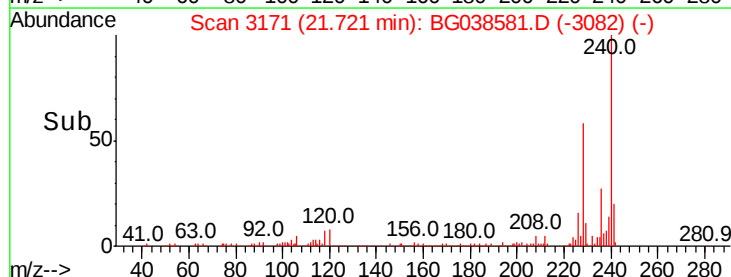
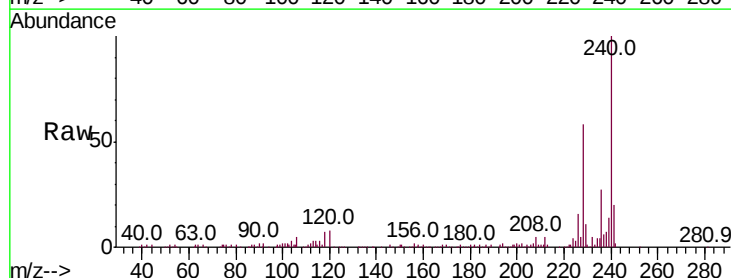
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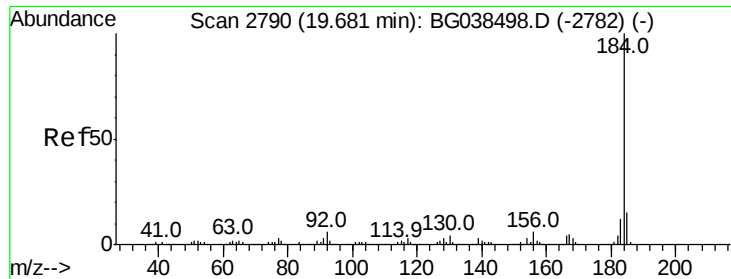
Sohil
 12/17/2018 4:11:53 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.5	5.3	7.9
236	27.2	21.4	32.2





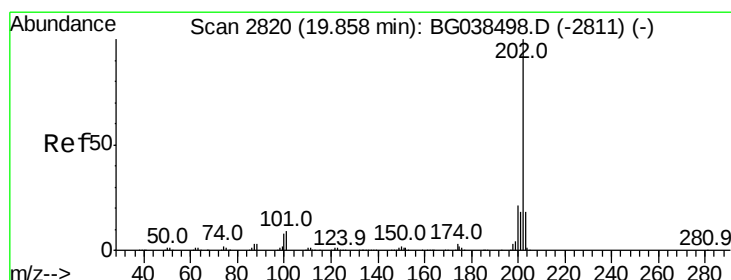
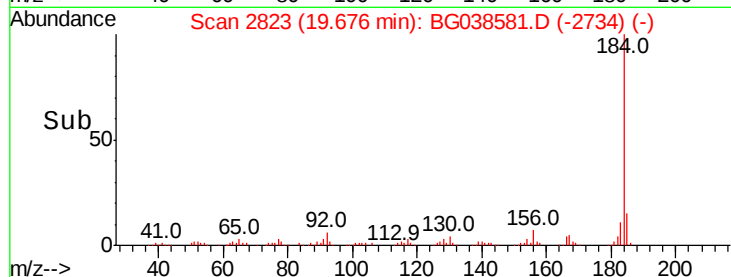
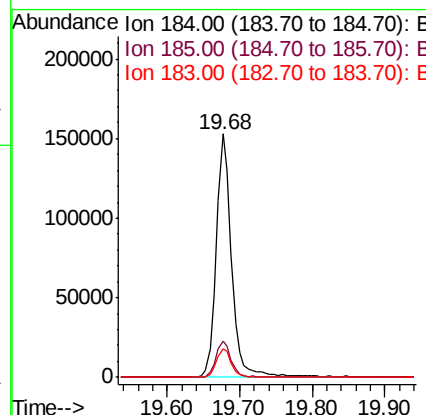
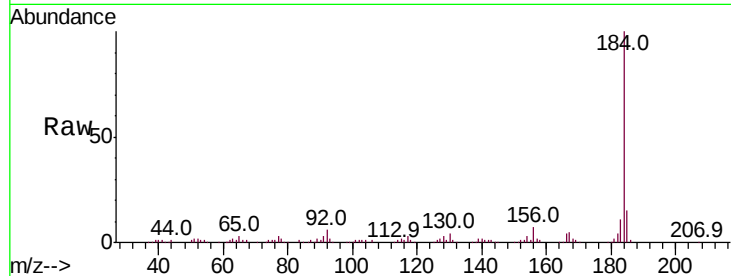
#77
Benzidine
Concen: 46.214 ng
RT: 19.68 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

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

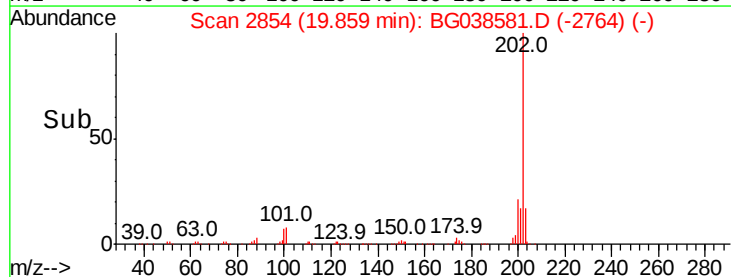
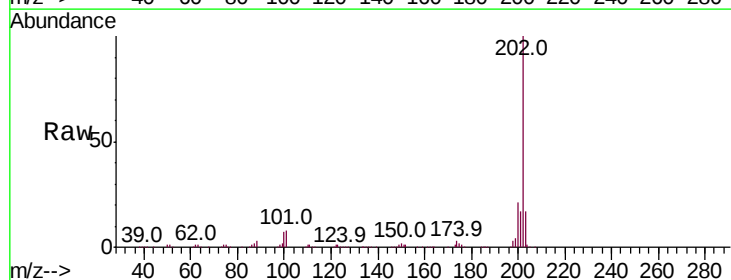
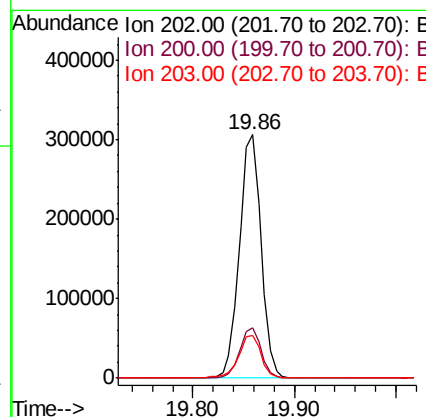
Manual Integrations
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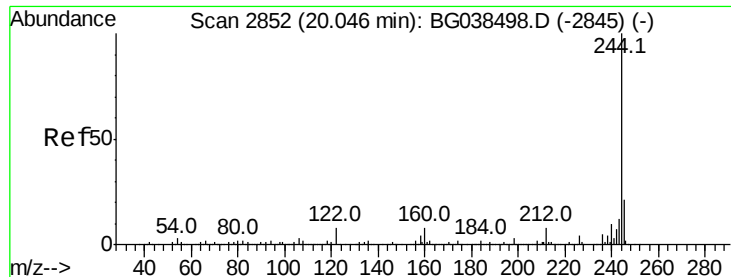
Sohil
12/17/2018 4:11:53 PM



#78
Pyrene
Concen: 41.492 ng
RT: 19.86 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.3	14.6	21.8





#79

Terphenyl-d14

Concen: 75.073 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

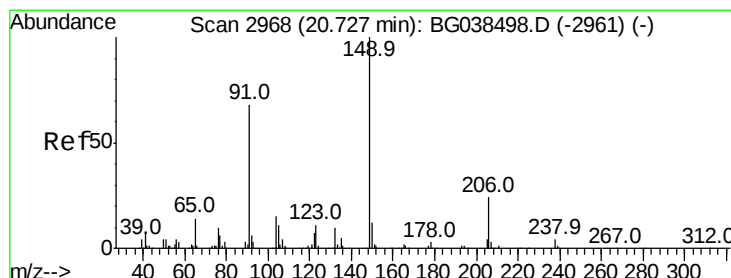
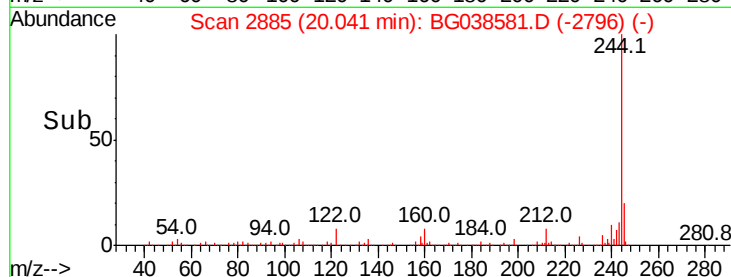
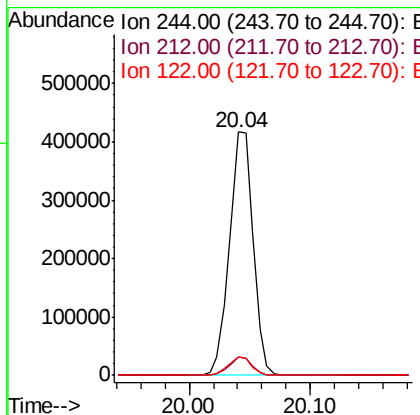
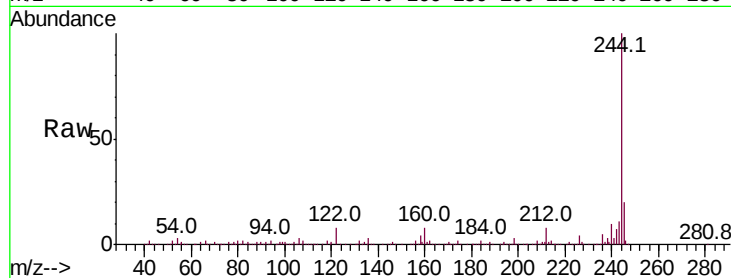
ClientSampleId :

PB115428BSD

Tot Ion:	244	Resp:	570783
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.2	9.2
122	7.8	6.3	9.5

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 43.135 ng

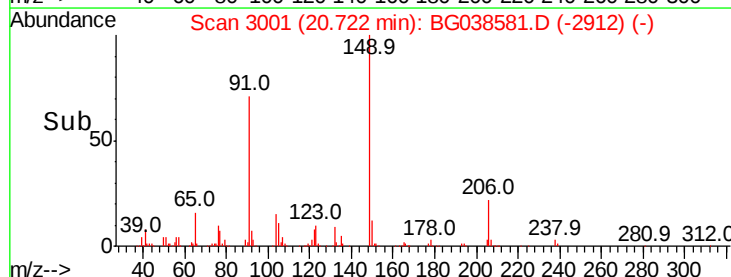
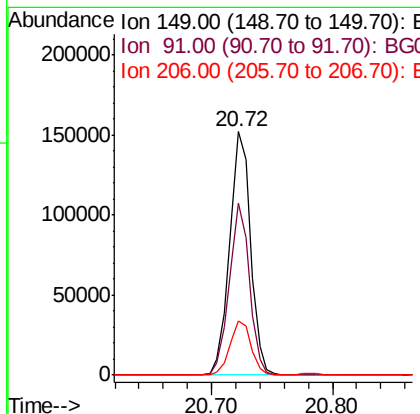
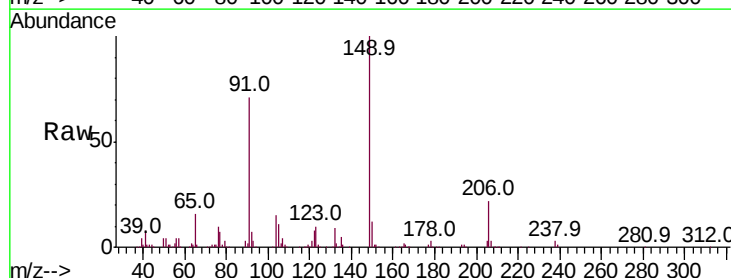
RT: 20.72 min Scan# 3001

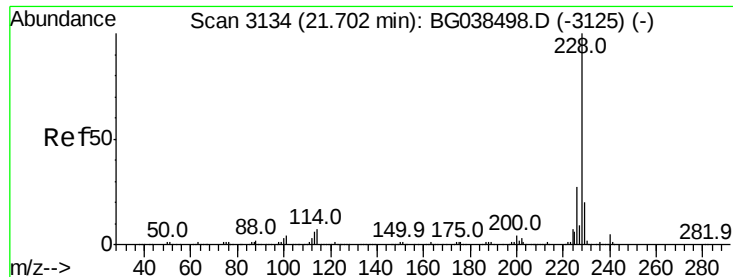
Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Tgt Ion:	149	Resp:	184216
Ion Ratio	Lower	Upper	
149	100		
91	70.8	54.5	81.7
206	22.1	19.0	28.6





#81

Benzo(a)anthracene

Concen: 43.533 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

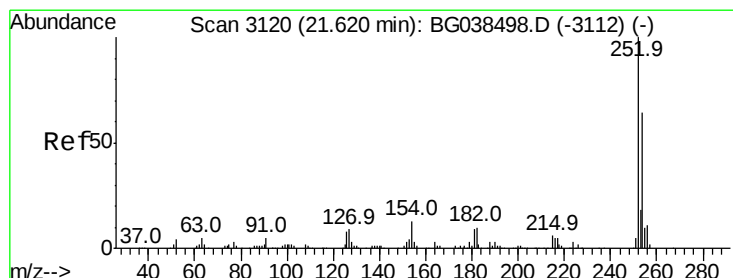
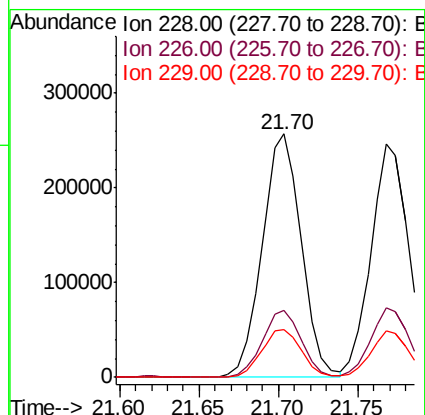
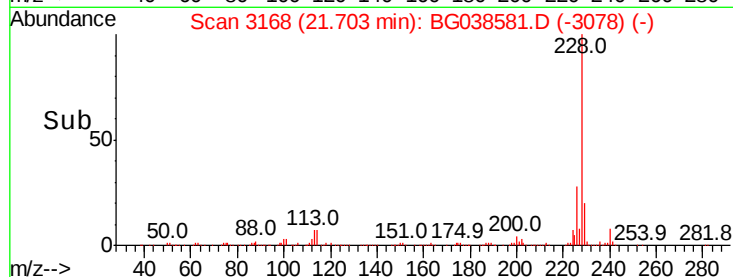
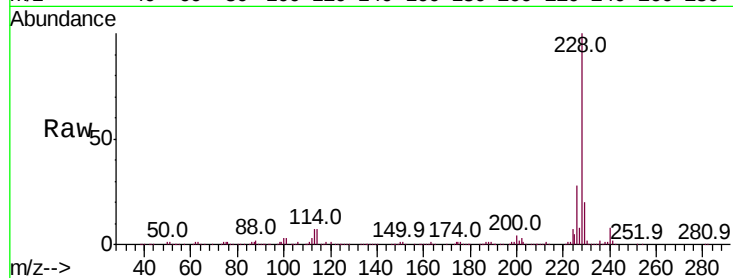
ClientSampleId :

PB115428BSD

Tot Ion:	228	Resp:	438933
Ion Ratio	Lower	Upper	
228	100		
226	27.6	21.8	32.8
229	19.8	15.8	23.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 28.848 ng

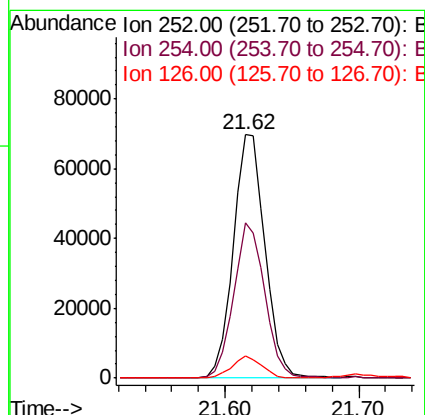
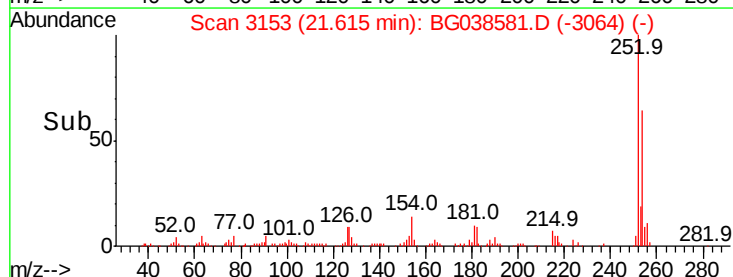
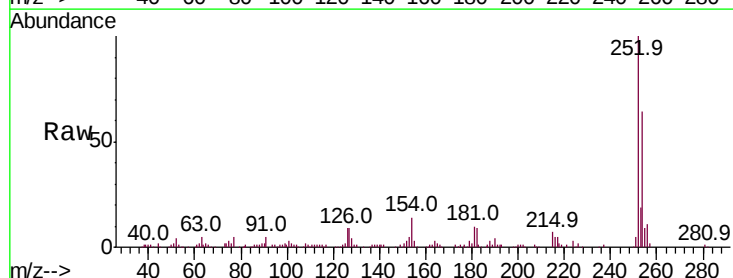
RT: 21.62 min Scan# 3153

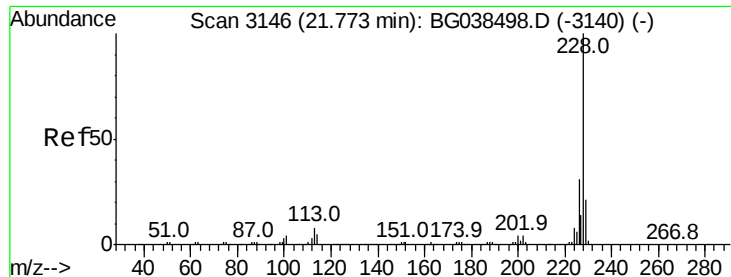
Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Tgt Ion:	252	Resp:	115361
Ion Ratio	Lower	Upper	
252	100		
254	63.6	50.9	76.3
126	8.9	6.3	9.5





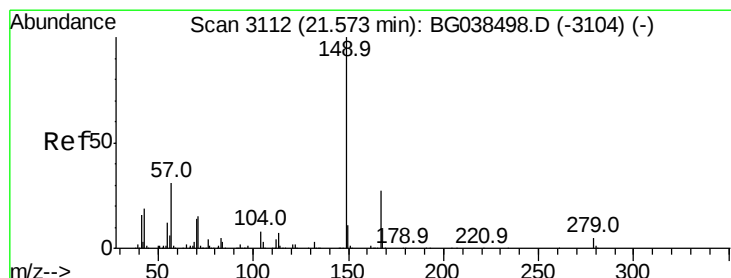
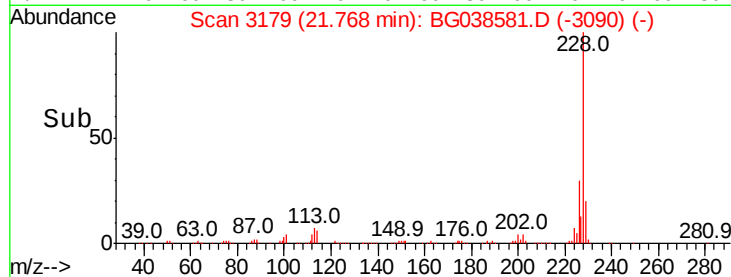
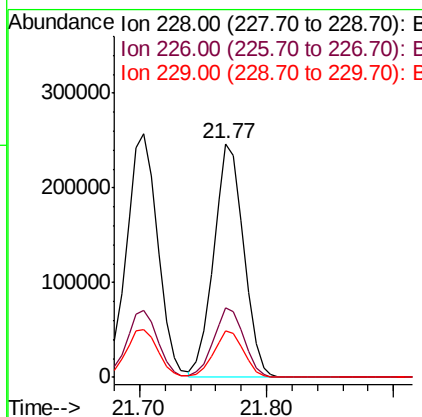
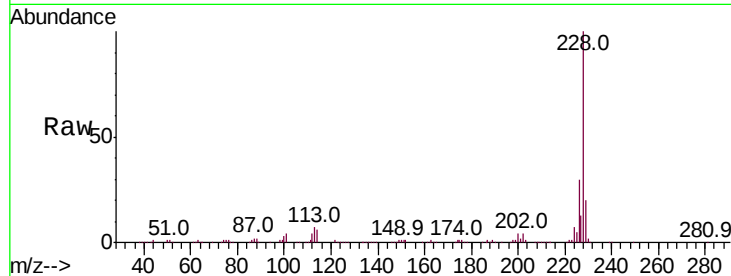
#83
 Chrvsene
 Concen: 41.684 ng
 RT: 21.77 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

Tot Ion:	228	Resp:	404821
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.0	37.4
229	19.7	16.5	24.7

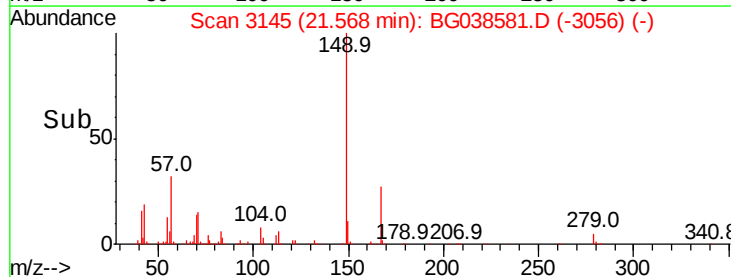
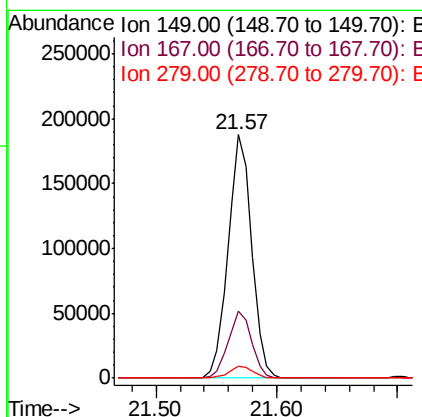
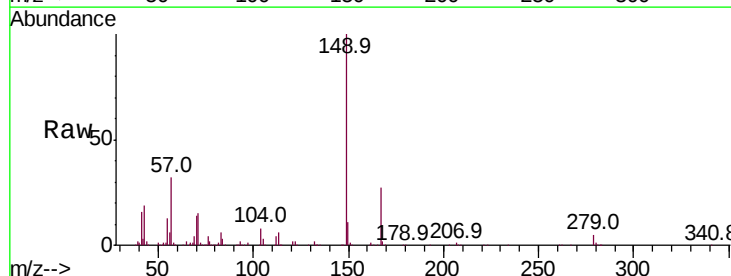
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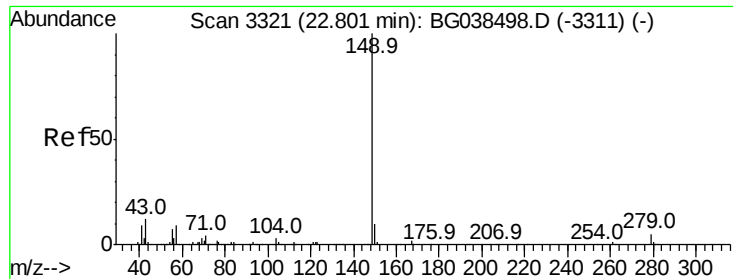
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.844 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion:	149	Resp:	253451
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.9	32.9
279	5.0	4.2	6.2





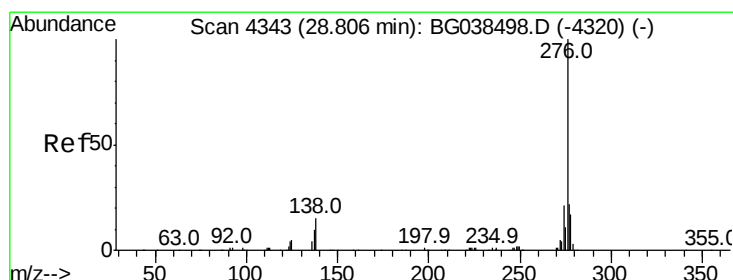
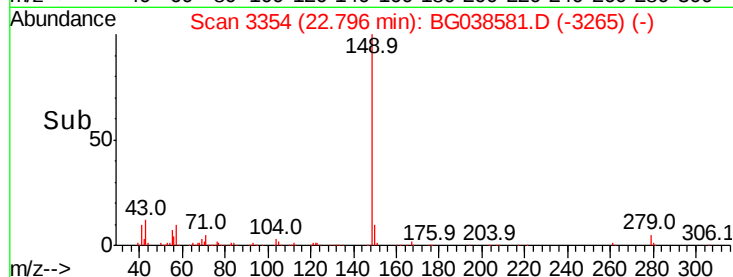
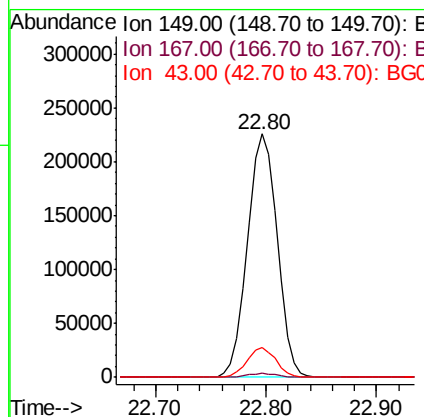
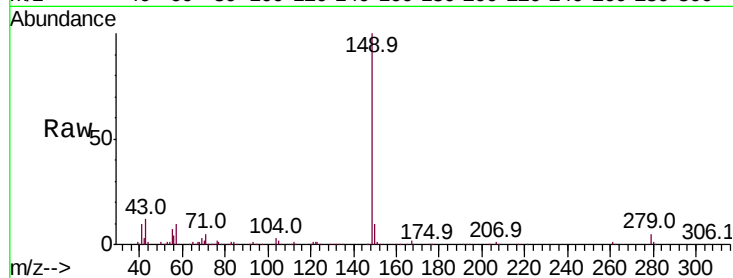
#85
Di-n-octyl phthalate
Concen: 42.374 ng
RT: 22.80 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	429846		
167	1.7	1.2	1.8	
43	12.2	9.3	13.9	

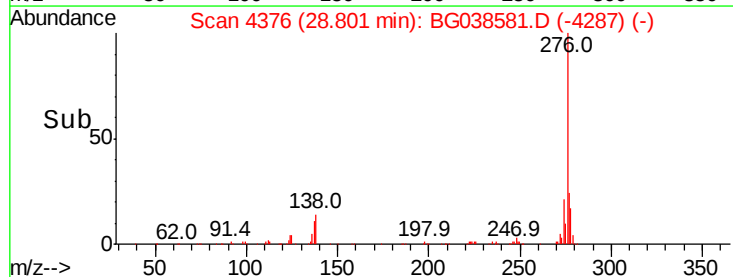
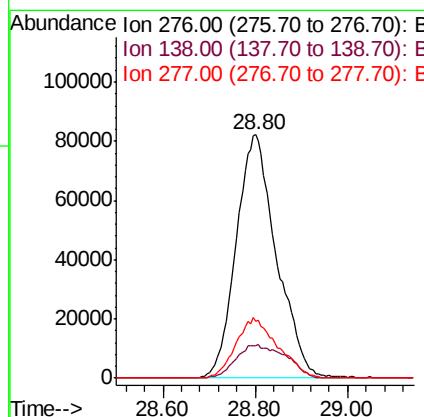
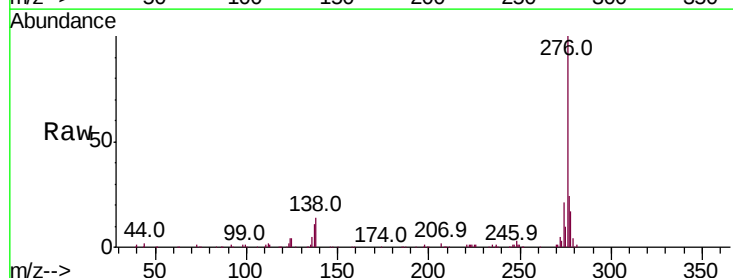
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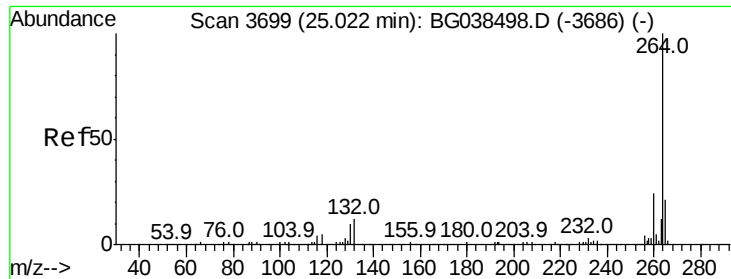
Sohil
12/17/2018 4:11:53 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.527 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	496974		
138	17.0	14.4	21.6	
277	25.7	0.0	0.0#	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

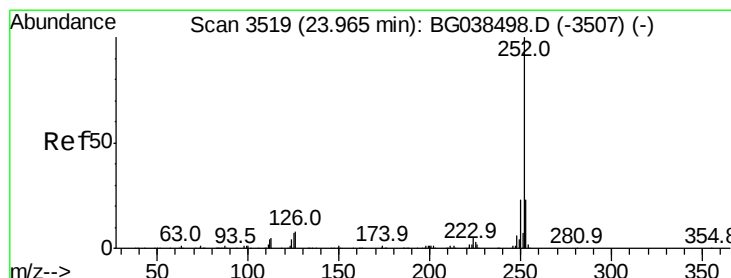
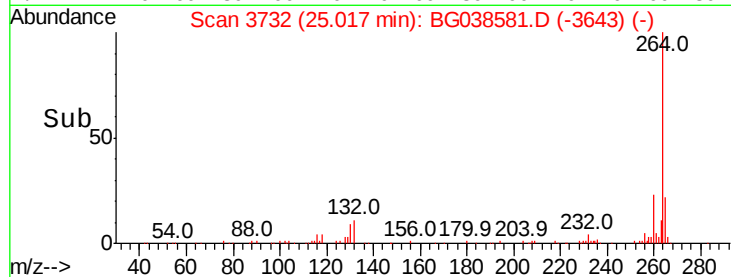
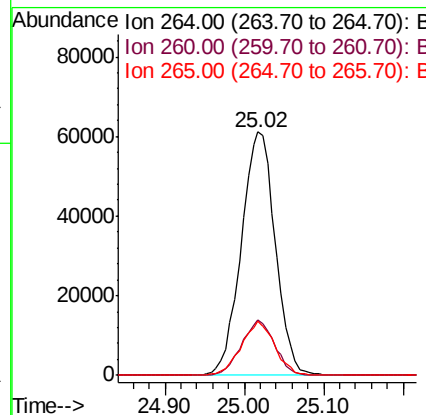
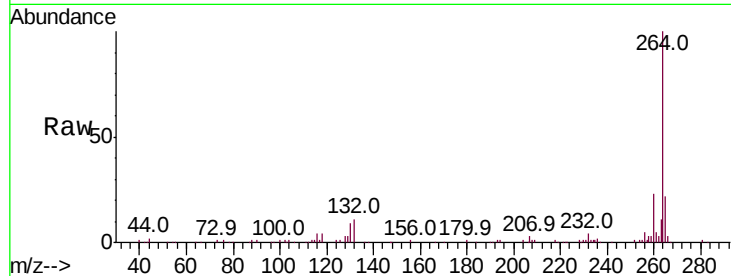
ClientSampleId :

PB115428BSD

Tot Ion:	264	Resp:	181515
Ion Ratio	Lower	Upper	
264	100		
260	22.7	18.9	28.3
265	22.1	17.0	25.4

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#88

Benzo(b)fluoranthene

Concen: 43.545 ng

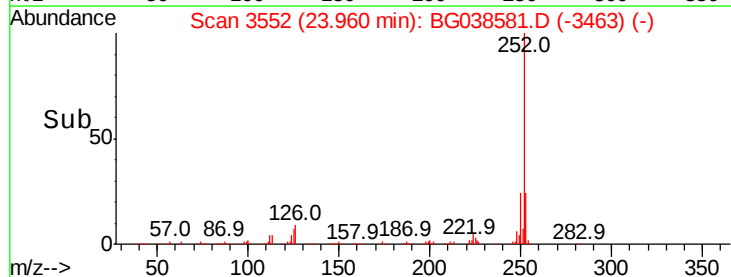
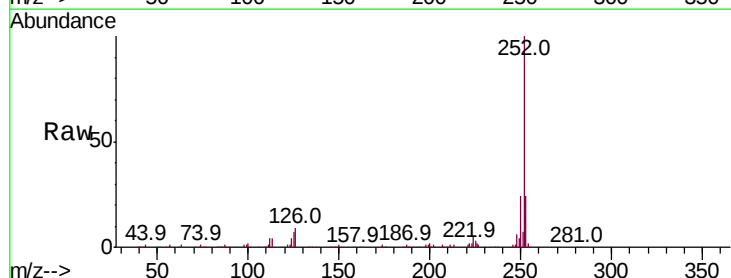
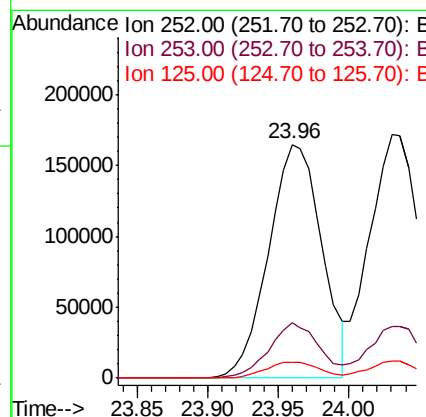
RT: 23.96 min Scan# 3552

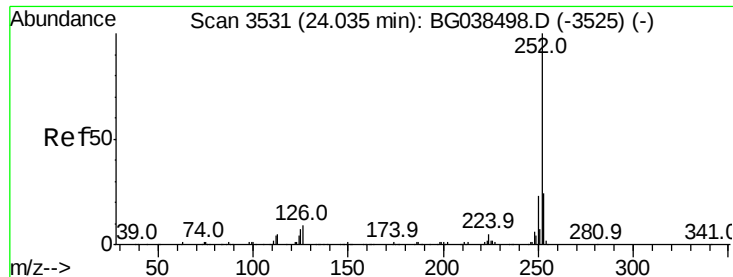
Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Tgt Ion:	252	Resp:	433968
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.1	27.1
125	6.8	5.5	8.3





#89

Benzo(k)fluoranthene

Concen: 43.276 ng

RT: 24.03 min Scan# 3564

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

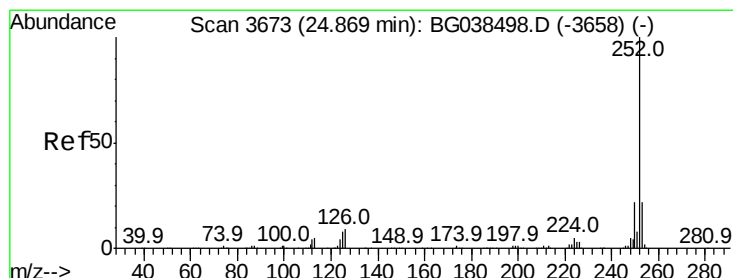
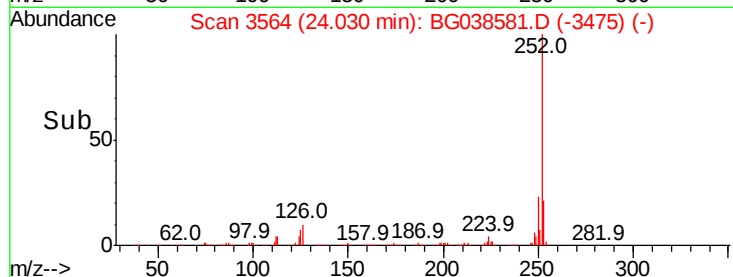
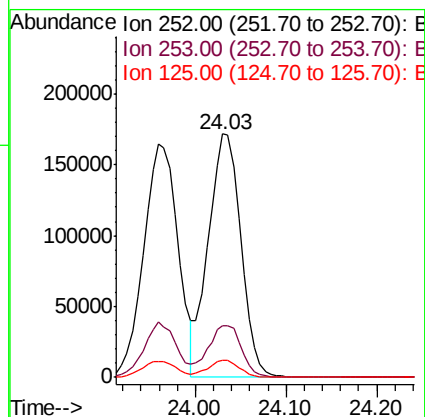
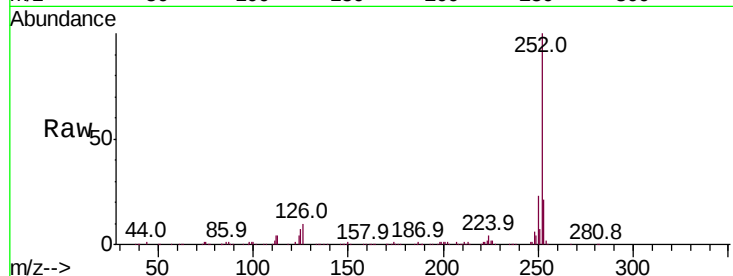
ClientSampleId :

PB115428BSD

Tot Ion:	252	Resp:	429469
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.9	28.3
125	6.8	5.4	8.2

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 44.171 ng

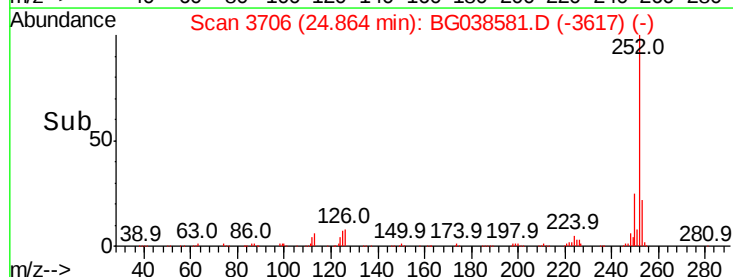
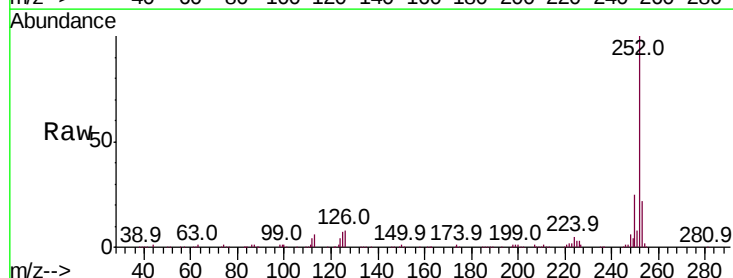
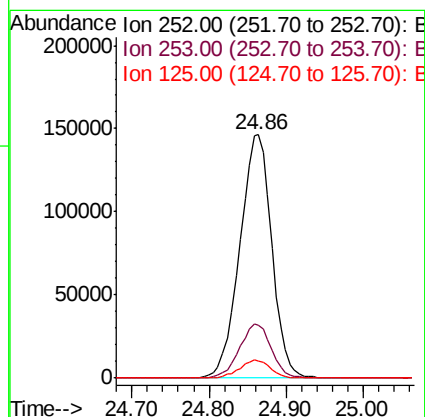
RT: 24.86 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Tgt Ion:	252	Resp:	424681
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.0
125	7.2	6.4	9.6





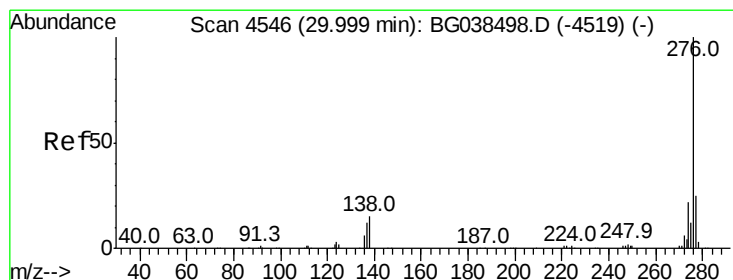
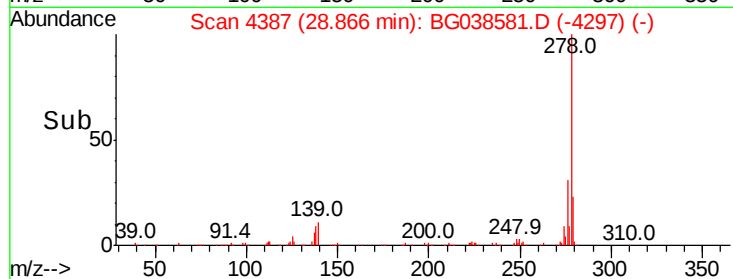
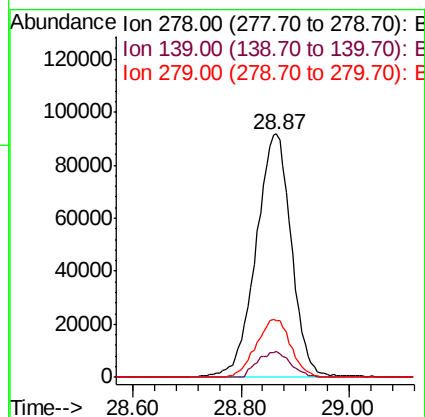
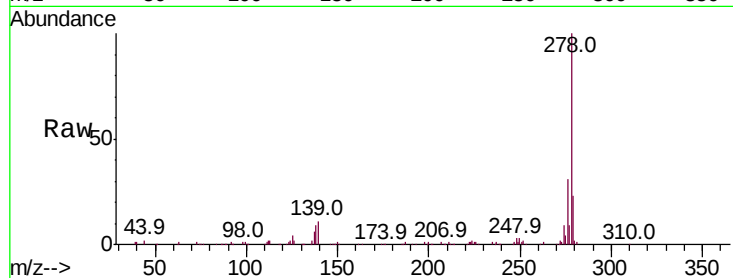
#91
Dibenzo(a,h)anthracene
Concen: 43.298 ng
RT: 28.87 min Scan# 4387
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.8	8.6	12.8
279	23.4	19.0	28.6

Manual Integrations
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Sohil
12/17/2018 4:11:53 PM



#92
Benzo(g,h,i)perylene
Concen: 43.528 ng
RT: 29.99 min Scan# 4579
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.8	29.8
138	13.8	11.8	17.6

