

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038547.D
 Acq On : 14 Dec 2018 00:38
 Operator : JU/SJ
 Sample : J6347-16MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01MSD

Manual Integrations
 APPROVED

Quant Time: Dec 14 02:12:17 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

Sohil

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	29129	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	119270	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	79610	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	194492	20.00	ng	0.00
76) Chrysene-d12	21.72	240	185527	20.00	ng	0.00
87) Perylene-d12	25.02	264	202437	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	77861	47.41	ng	0.00
7) Phenol-d6	7.21	99	68707	30.47	ng	0.00
23) Nitrobenzene-d5	9.24	82	227046	97.25	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	113386	103.34	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	541924	93.38	ng	0.00
79) Terphenyl-d14	20.04	244	824714	96.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	9828	12.858	ng	88
3) Pyridine	3.90	79	21831	10.374	ng	91
4) n-Nitrosodimethylamine	3.82	42	19328	18.744	ng	# 87
6) Aniline	7.38	93	66643	23.155	ng	97
8) 2-Chlorophenol	7.62	128	74846	39.381	ng	99
9) Benzaldehyde	7.20	77	38181	26.105	ng	95
10) Phenol	7.24	94	38779	16.190	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	82883	43.462	ng	96
12) 1,3-Dichlorobenzene	7.94	146	86682	38.574	ng	97
13) 1,4-Dichlorobenzene	8.09	146	88097	38.279	ng	98
14) 1,2-Dichlorobenzene	8.42	146	84543	38.965	ng	97
15) Benzyl Alcohol	8.30	79	50312	28.590	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	190607	43.632	ng	97
17) 2-Methylphenol	8.50	107	54139	33.736	ng	95
18) Hexachloroethane	9.14	117	31692	37.684	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	73610	46.486	ng	98
20) 3+4-Methylphenols	8.83	107	68749	31.020	ng	98
22) Acetophenone	8.89	105	138674	46.549	ng	# 99
24) Nitrobenzene	9.28	77	110345	46.721	ng	97
25) Isophorone	9.79	82	210603	50.207	ng	99
26) 2-Nitrophenol	9.99	139	53687	44.413	ng	96
27) 2,4-Dimethylphenol	10.03	122	83097	47.966	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	117457	49.619	ng	98
29) 2,4-Dichlorophenol	10.52	162	95462	49.532	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	98219	42.190	ng	99
31) Naphthalene	10.93	128	282819	48.127	ng	99
32) Benzoic acid	10.17	122	10228m	17.491	ng	
33) 4-Chloroaniline	11.04	127	51503	20.187	ng	98
34) Hexachlorobutadiene	11.19	225	62953	39.964	ng	96
35) Caprolactam	11.84	113	4757m	5.964	ng	
36) 4-Chloro-3-methylphenol	12.15	107	94948	43.171	ng	94
37) 2-Methylnaphthalene	12.53	142	220388	52.568	ng	98
38) 1-Methylnaphthalene	12.75	142	209960	51.610	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	130244	43.768	ng	99

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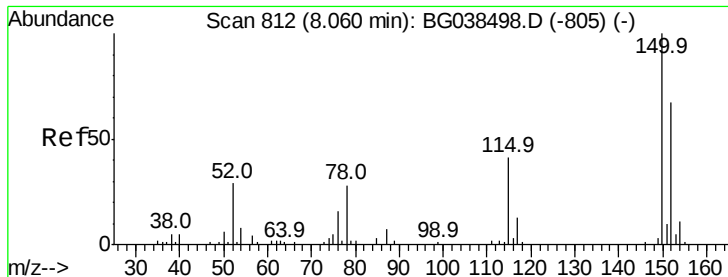
Manual Integrations
 APPROVED

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Sohil

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	156297	95.601	nq	97
43) 2,4,6-Trichlorophenol	13.13	196	88788	48.526	nq	99
44) 2,4,5-Trichlorophenol	13.20	196	94741	48.905	nq	99
46) 1,1'-Biphenyl	13.53	154	292725	43.861	nq	100
47) 2-Chloronaphthalene	13.57	162	233509	45.296	nq	97
48) 2-Nitroaniline	13.79	65	82604	50.305	nq	93
49) Acenaphthylene	14.42	152	390223	50.633	nq	98
50) Dimethylphthalate	14.15	163	320298	49.267	nq	99
51) 2,6-Dinitrotoluene	14.28	165	72766	49.390	nq	97
52) Acenaphthene	14.76	154	223331	48.461	nq	100
53) 3-Nitroaniline	14.61	138	41824	27.848	nq	98
54) 2,4-Dinitrophenol	14.82	184	84462	95.292	nq	93
55) Dibenzofuran	15.10	168	375013	47.473	nq	99
56) 4-Nitrophenol	14.91	139	40603	35.637	nq	96
57) 2,4-Dinitrotoluene	15.07	165	102208	49.255	nq	99
58) Fluorene	15.74	166	301631	51.538	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	91979	52.773	nq	99
60) Diethylphthalate	15.50	149	328597	46.042	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	169534	46.427	nq	99
62) 4-Nitroaniline	15.78	138	70321	45.481	nq	97
63) Azobenzene	16.02	77	288148	48.330	nq	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	64029	46.150	nq	96
66) n-Nitrosodiphenylamine	15.95	169	274716	48.073	nq	98
67) 4-Bromophenyl-phenylether	16.62	248	113252	47.679	nq	99
68) Hexachlorobenzene	16.74	284	117419	47.687	nq	97
69) Atrazine	16.89	200	109616	51.687	nq	96
70) Pentachlorophenol	17.09	266	125537	86.197	nq	98
71) Phenanthrene	17.49	178	519093	51.468	nq	98
72) Anthracene	17.58	178	527464	52.976	nq	99
73) Carbazole	17.85	167	462251	46.943	nq	99
74) Di-n-butylphthalate	18.38	149	553084	48.950	nq	99
75) Fluoranthene	19.49	202	624784	50.068	nq	98
77) Benzidine	19.68	184	289576	52.777	nq	99
78) Pyrene	19.86	202	623655	50.884	nq	100
80) Butylbenzylphthalate	20.73	149	246692	51.518	nq	98
81) Benzo(a)anthracene	21.70	228	599038	52.988	nq	98
82) 3,3'-Dichlorobenzidine	21.62	252	137957	30.769	nq	98
83) Chrysene	21.77	228	556352	51.093	nq	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	342237	50.393	nq	99
85) Di-n-octyl phthalate	22.80	149	585685	51.494	nq	100
86) Indeno(1,2,3-cd)pyrene	28.80	276	694190	54.226	nq	# 75
88) Benzo(b)fluoranthene	23.96	252	595503	53.578	nq	100
89) Benzo(k)fluoranthene	24.03	252	580385	52.439	nq	97
90) Benzo(a)pyrene	24.86	252	575229	53.646	nq	99
91) Dibenzo(a,h)anthracene	28.87	278	578989	54.231	nq	98
92) Benzo(g,h,i)perylene	30.00	276	575701	54.716	nq	98

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



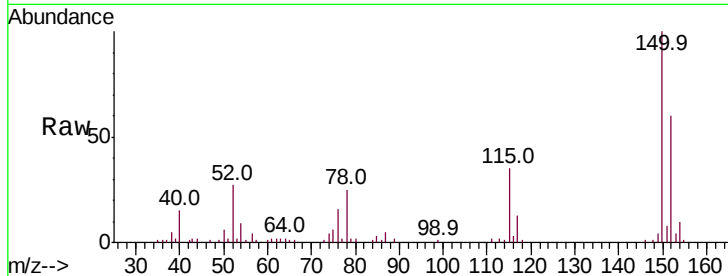
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

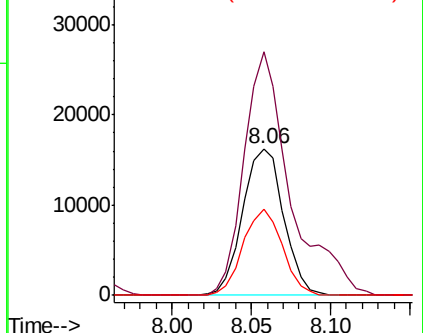
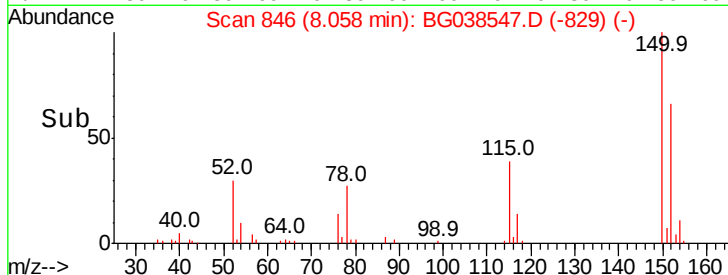
Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.7	119.5	179.3
115	58.6	49.6	74.4

Manual Integrations
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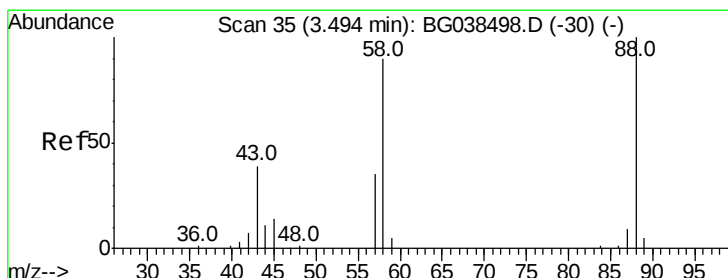


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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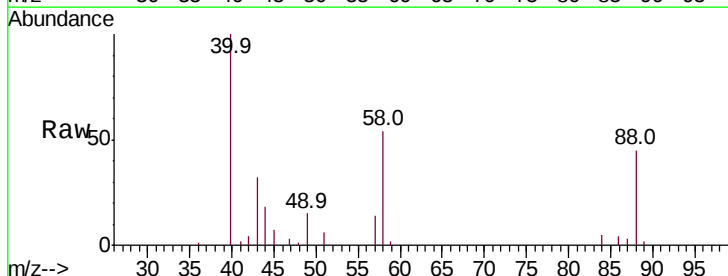
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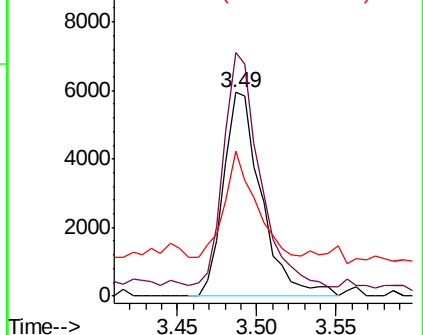
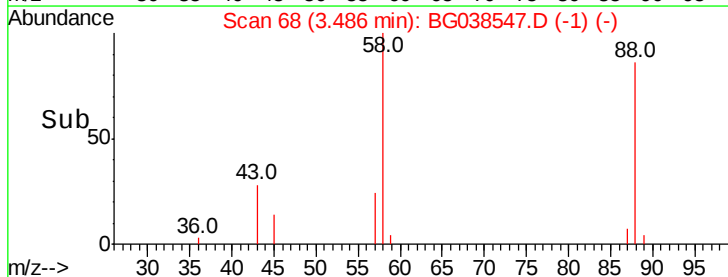
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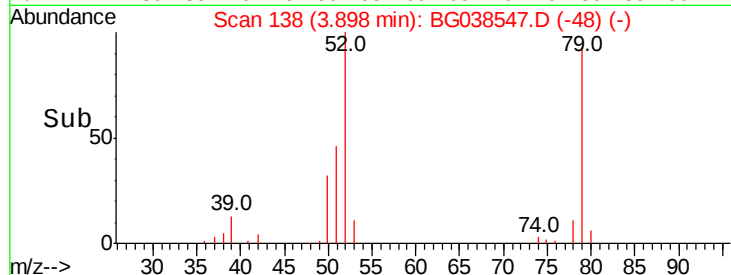
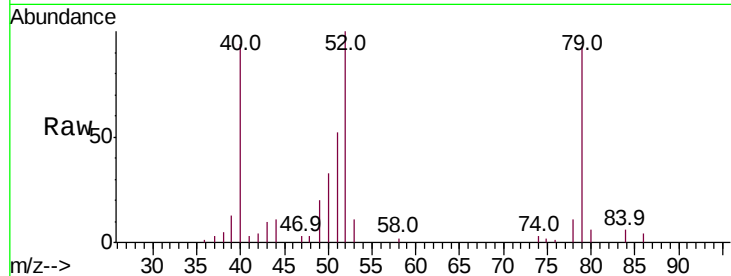
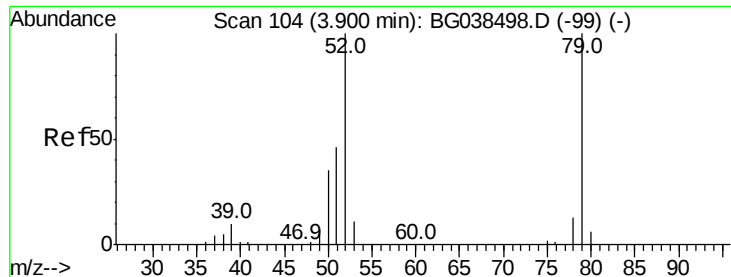
1,4-Dioxane
Concen: 12.858 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	108.8	75.7	113.5
43	42.6	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: 10.374 ng
RT: 3.90 min Scan# 138
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

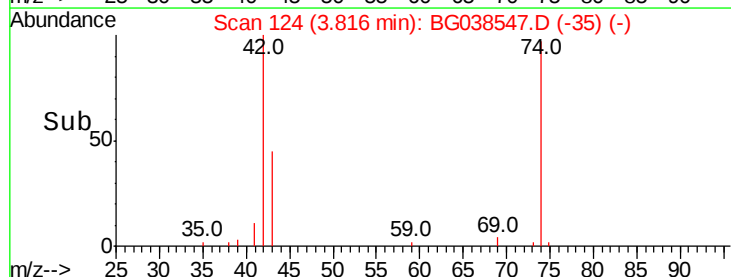
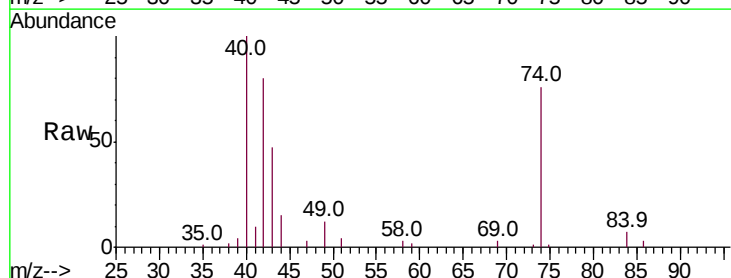
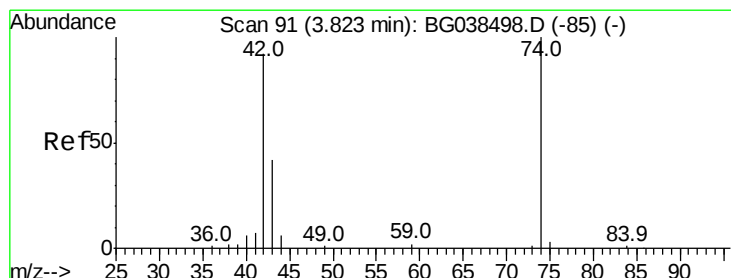
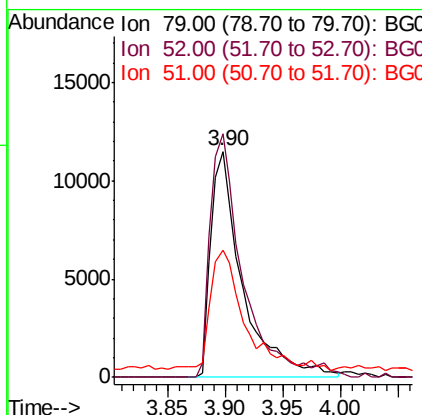
Tot Ion	Ratio	Lower	Upper
79	100		
52	107.6	80.2	120.2
51	55.9	38.0	57.0

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Manual Integrations
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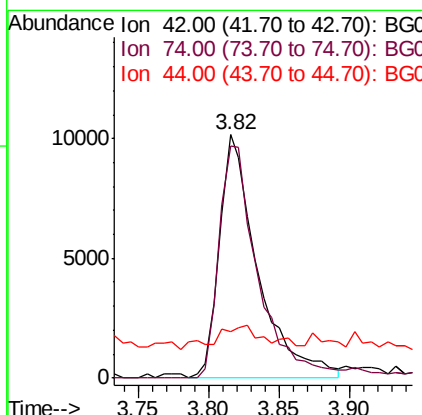
Sohil

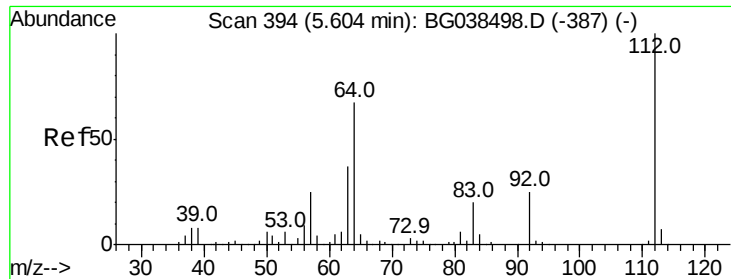
12/14/2018 12:56:35 PM



#4
n-Nitrosodimethylamine
Concen: 18.744 ng
RT: 3.82 min Scan# 124
Delta R.T. -0.01 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	95.4	86.7	130.1
44	19.1	7.8	11.8#





#5

2-Fluorophenol

Concen: 47.409 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

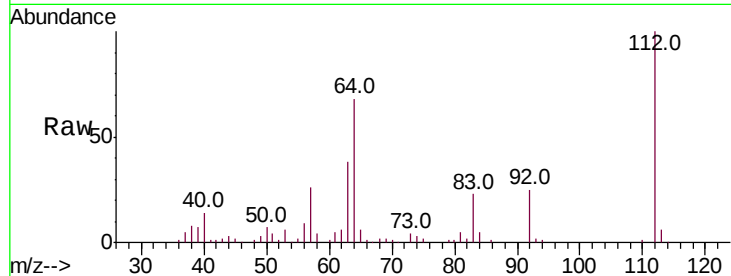
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ClientSampleId :

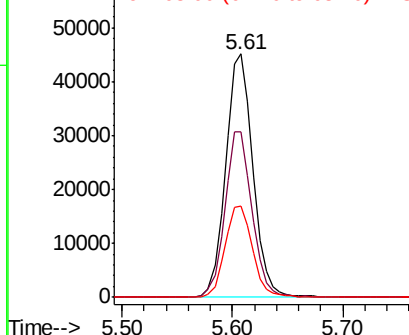
P001-TW001-01MSD

Tot Ion:	112	Resp:	77861
Ion Ratio	Lower	Upper	
112	100		
64	67.7	53.4	80.2
63	37.6	29.3	43.9

Manual Integrations
APPROVED

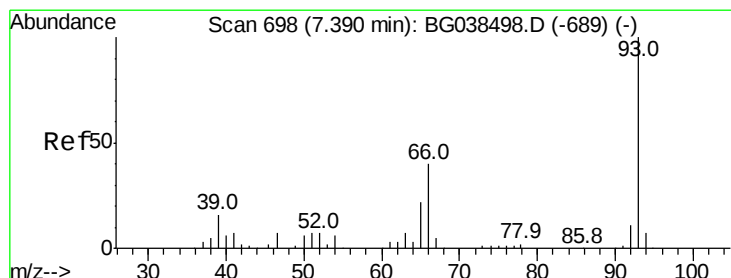
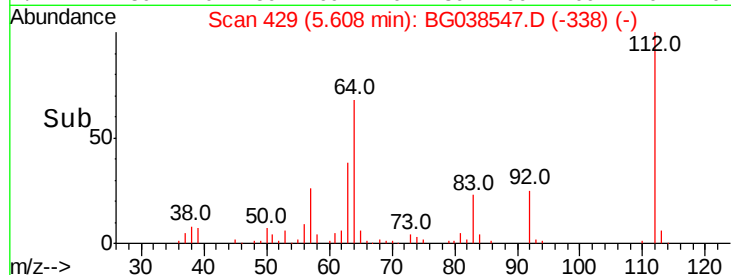


Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



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#6

Aniline

Concen: 23.155 ng

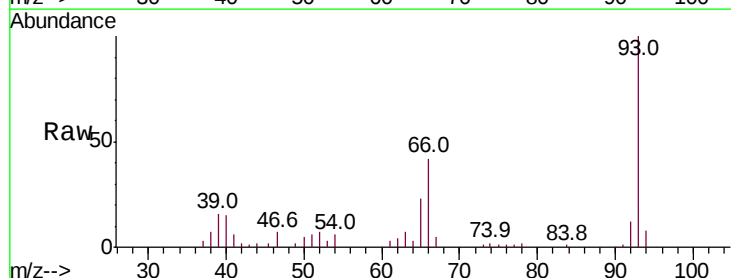
RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

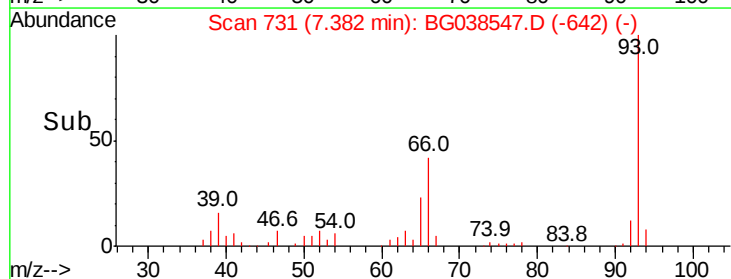
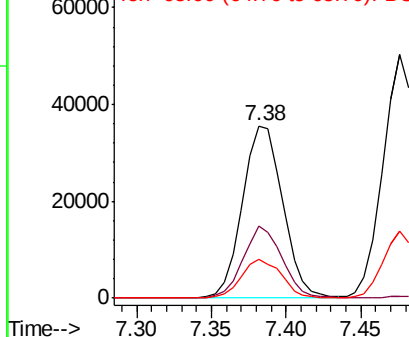
Lab File: BG038547.D

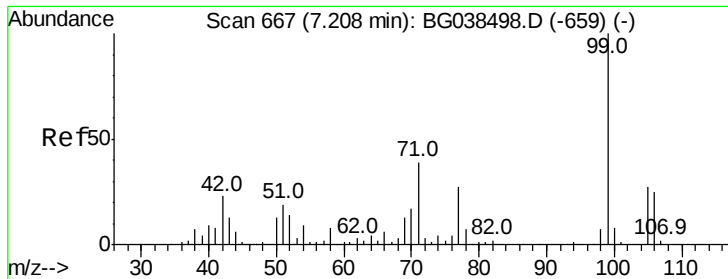
Acq: 14 Dec 2018 00:38

Tgt Ion:	93	Resp:	66643
Ion Ratio	Lower	Upper	
93	100		
66	41.7	31.7	47.5
65	22.7	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: 30.474 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

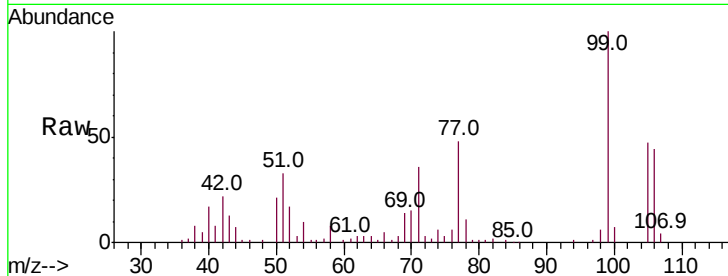
BNA_G

ClientSampleId :

P001-TW001-01MSD

Tot Ion:	99	Resp:	68707
Ion Ratio	Lower	Upper	
99	100		
42	22.5	18.5	27.7
71	36.1	31.1	46.7

Manual Integrations
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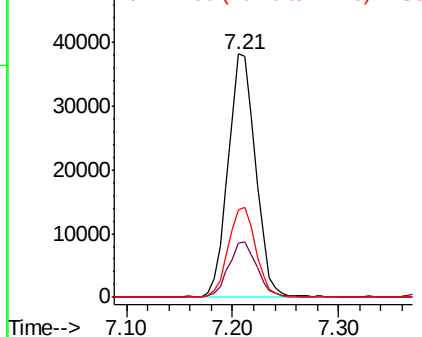


Abundance

Ion 99.00 (98.70 to 99.70): BGC

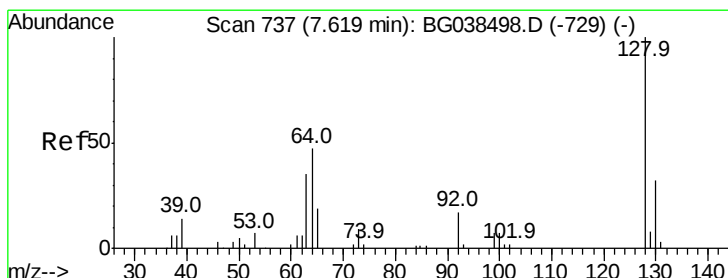
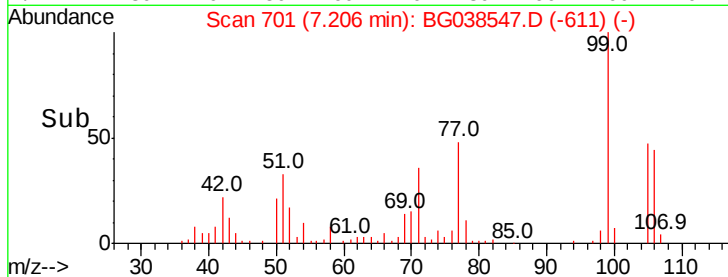
Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



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#8

2-Chlorophenol

Concen: 39.381 ng

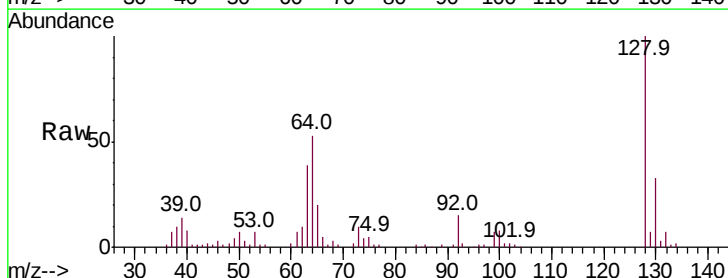
RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Tgt Ion:	128	Resp:	74846
Ion Ratio	Lower	Upper	
128	100		
130	32.9	11.8	51.8
64	52.8	33.2	73.2

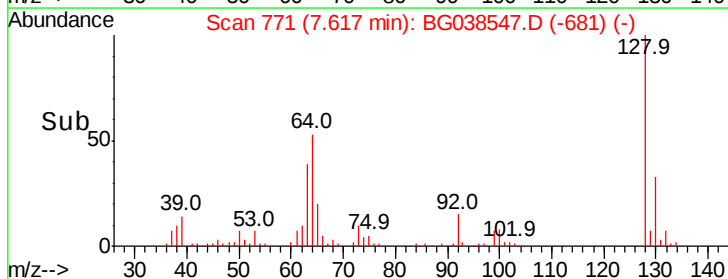
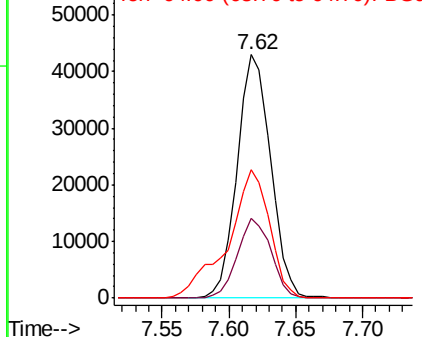


Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 26.105 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

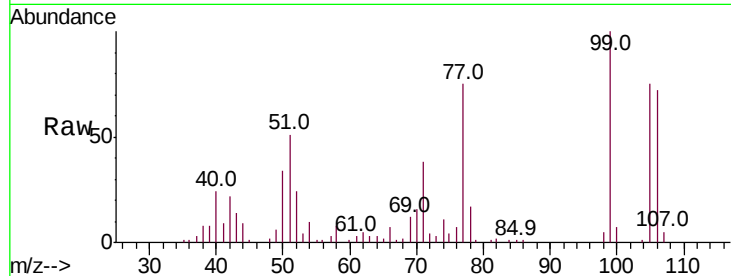
BNA_G

ClientSampleId :

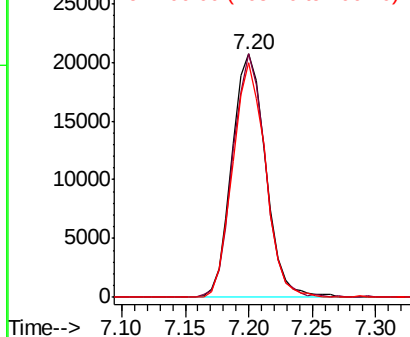
P001-TW001-01MSD

Tot Ion:	77	Resp:	38181
Ion	Ratio	Lower	Upper
77	100		
105	100.2	74.0	114.0
106	96.7	73.9	113.9

Manual Integrations
APPROVED

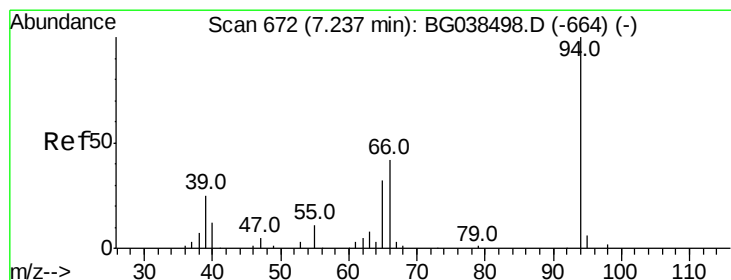
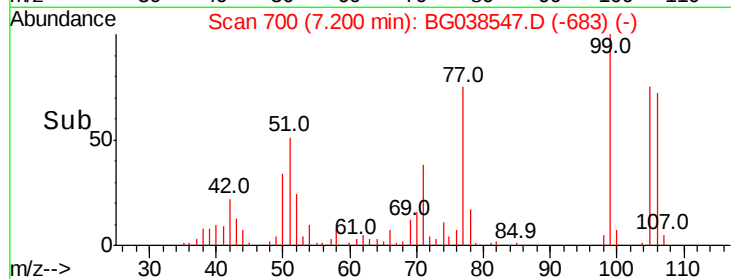


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



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#10

Phenol

Concen: 16.190 ng

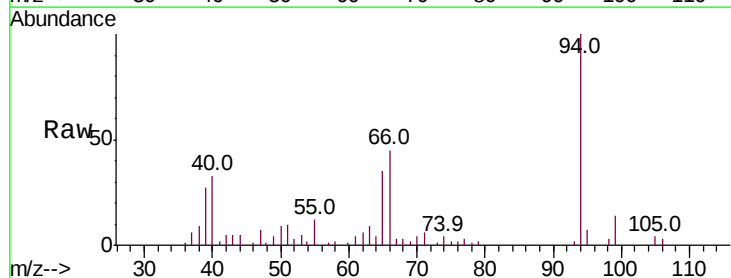
RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

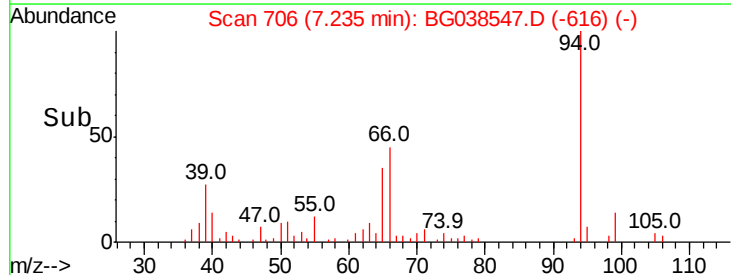
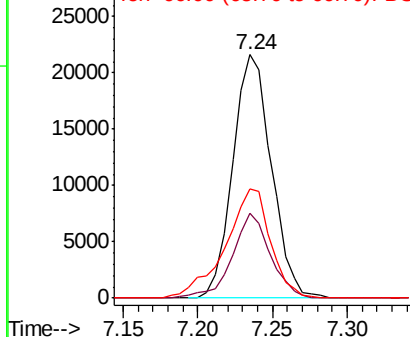
Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Tgt Ion:	94	Resp:	38779
Ion	Ratio	Lower	Upper
94	100		
65	35.0	12.6	52.6
66	44.7	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



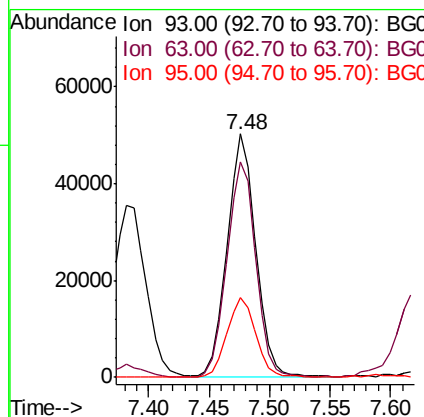
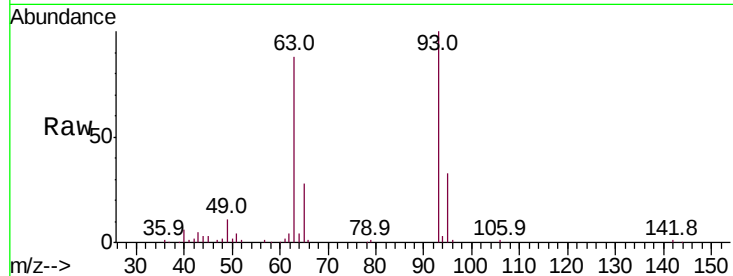


#11
bis(2-Chloroethyl)ether
Concen: 43.462 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

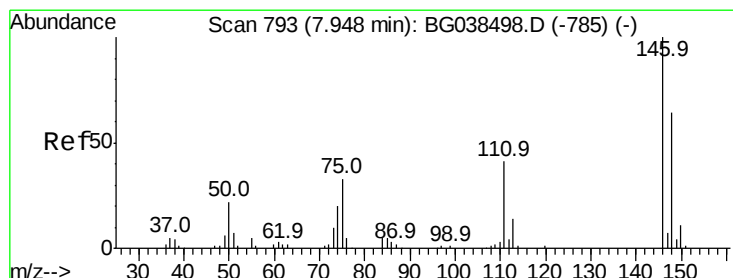
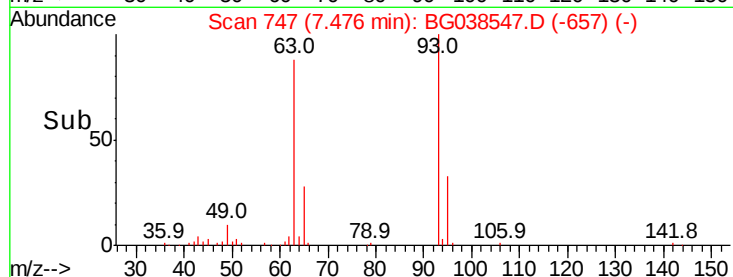
Tot Ion	Ratio	Lower	Upper
93	100		
63	88.4	72.2	112.2
95	32.9	11.2	51.2

Manual Integrations
APPROVED



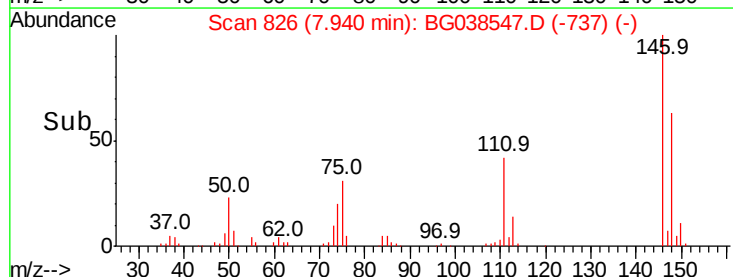
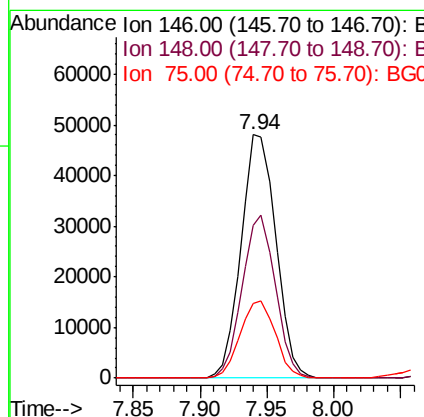
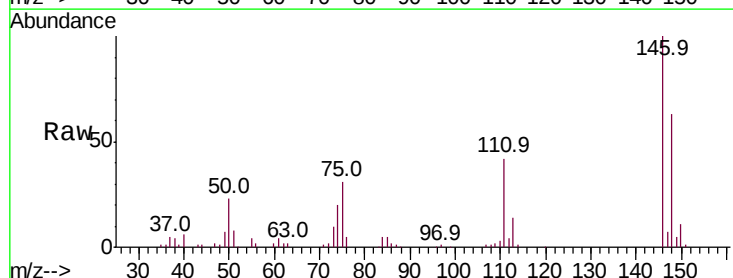
Sohil

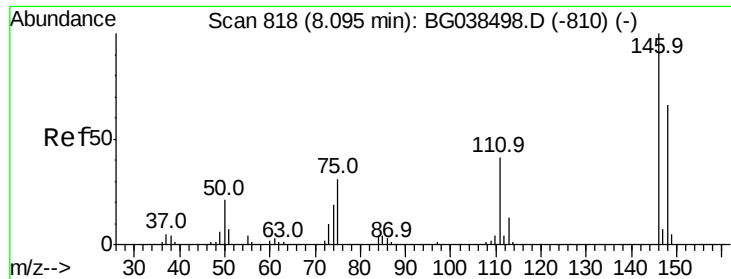
12/14/2018 12:56:35 PM



#12
1,3-Dichlorobenzene
Concen: 38.574 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.4	77.0
75	30.6	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 38.279 ng

RT: 8.09 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Tot Ion:	146	Resp:	88097
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.4	78.6
111	40.1	33.0	49.4

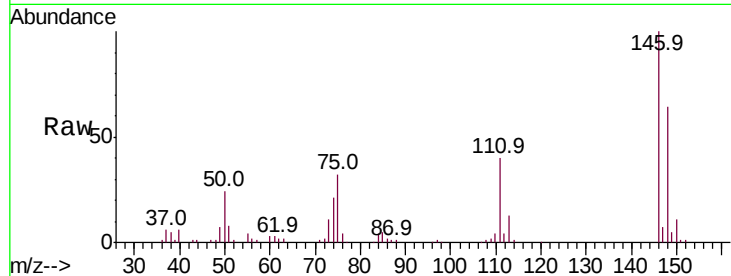
Instrument :

BNA_G

ClientSampleId :

P001-TW001-01MSD

Manual Integrations
APPROVED

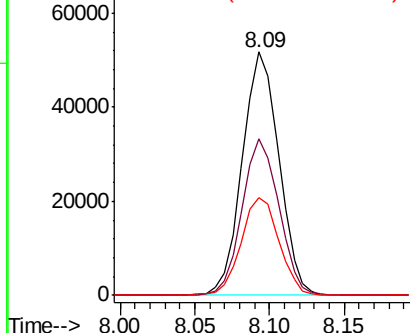


Abundance

Ion 146.00 (145.70 to 146.70): E

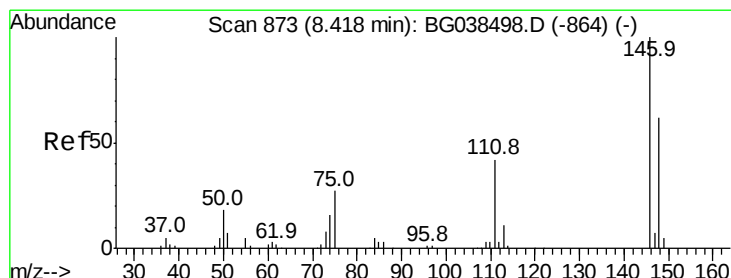
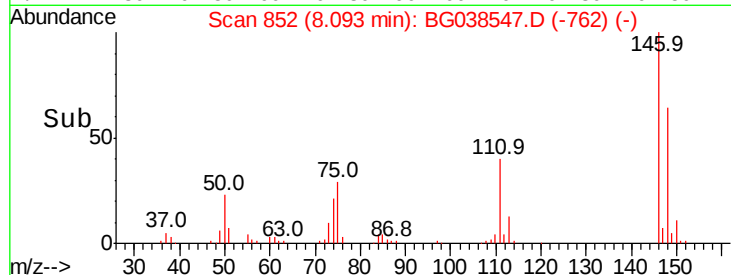
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



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#14

1,2-Dichlorobenzene

Concen: 38.965 ng

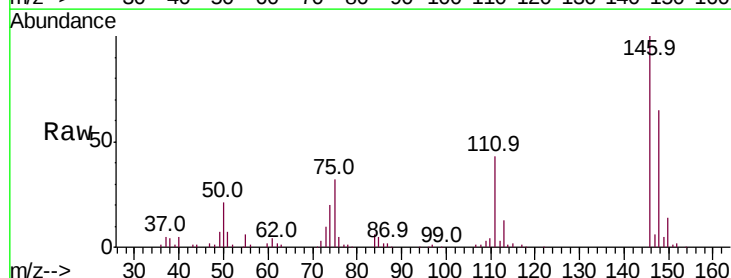
RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Tgt Ion:	146	Resp:	84543
Ion Ratio	Lower	Upper	
146	100		
148	64.7	49.4	74.0
111	42.8	33.8	50.6

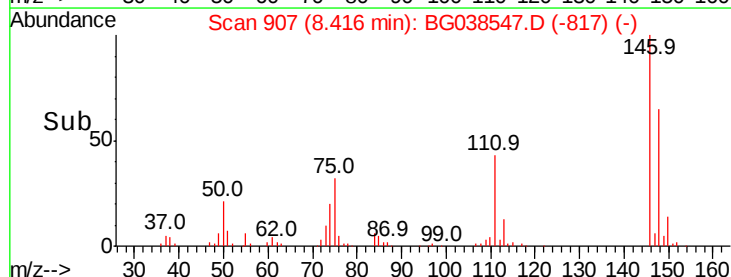
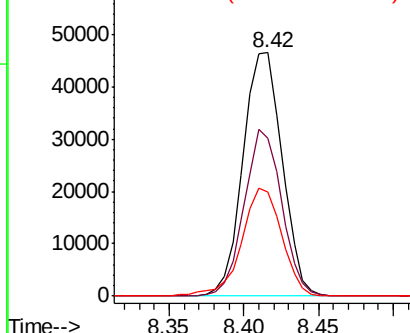


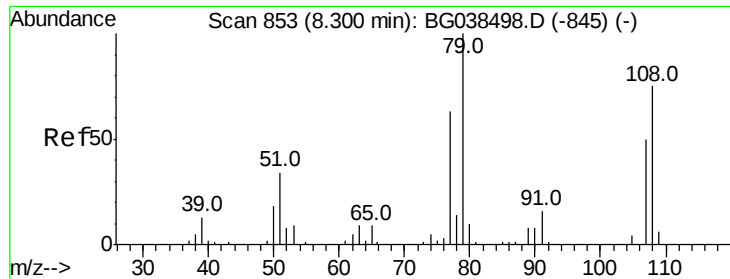
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 28.590 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

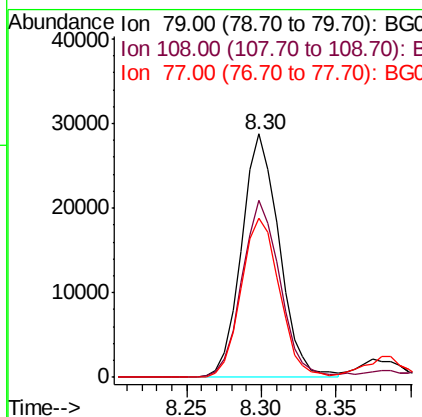
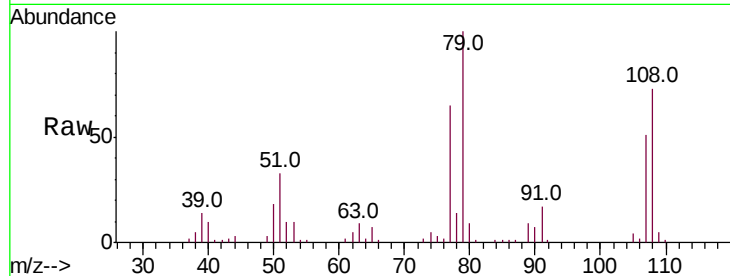
BNA_G

ClientSampleId :

P001-TW001-01MSD

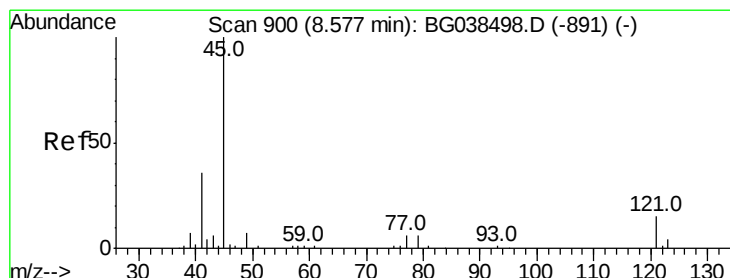
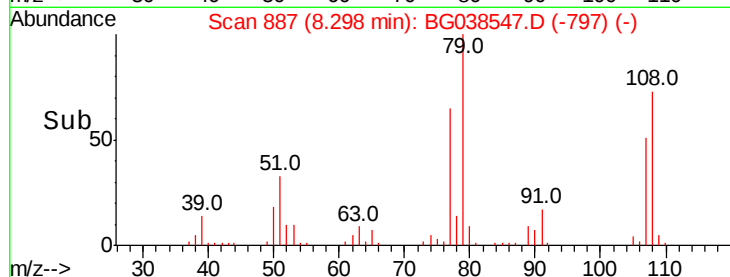
Tot Ion:	79	Resp:	50312
Ion Ratio	Lower	Upper	
79	100		
108	72.9	60.2	90.4
77	65.3	50.7	76.1

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.632 ng

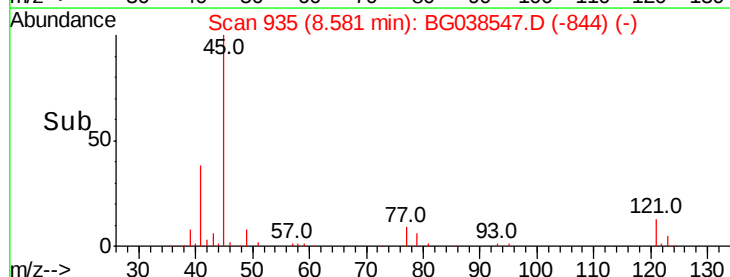
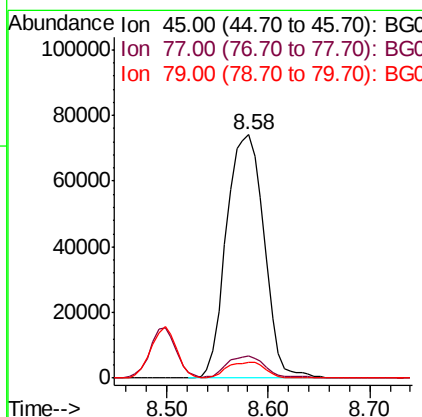
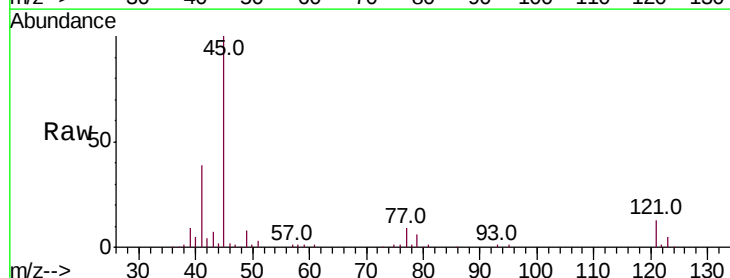
RT: 8.58 min Scan# 935

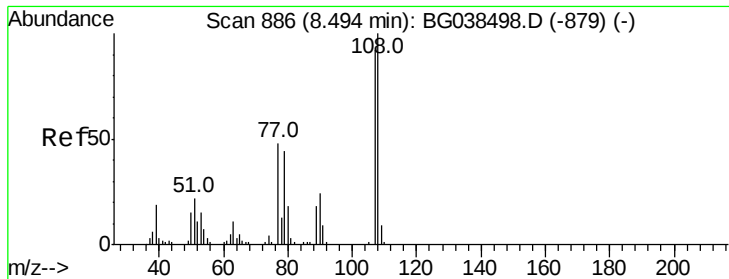
Delta R.T. 0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Tgt Ion:	45	Resp:	190607
Ion Ratio	Lower	Upper	
45	100		
77	9.2	0.0	28.2
79	6.4	0.0	27.2





#17
2-Methylphenol
Concen: 33.736 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

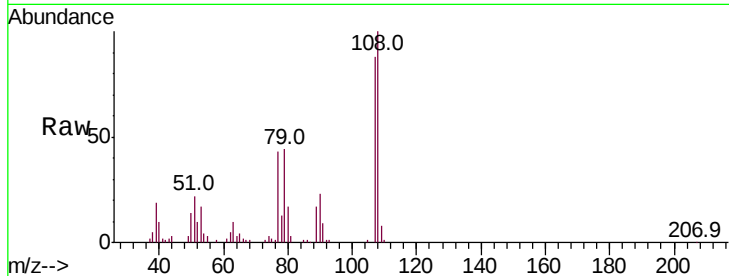
Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tot Ion:	107	Resp:	54139
Ion Ratio	Lower	Upper	
107	100		
108	114.2	87.1	130.7
77	49.6	42.0	63.0
79	50.4	38.2	57.2

Manual Integrations
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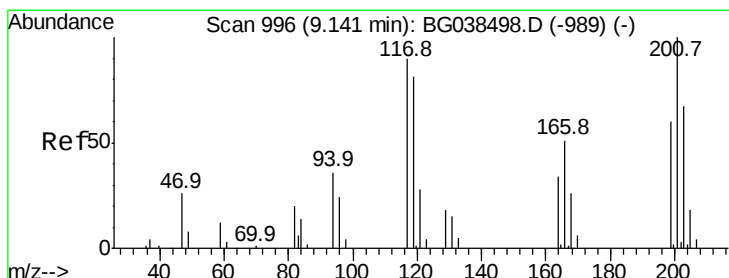
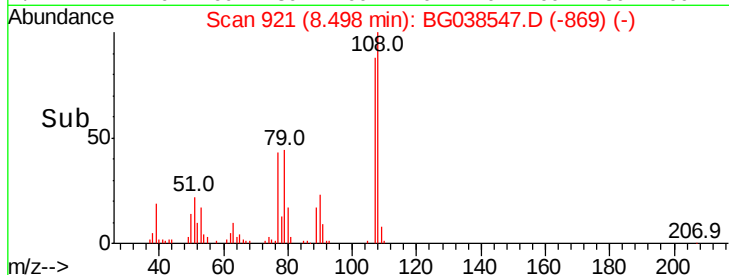
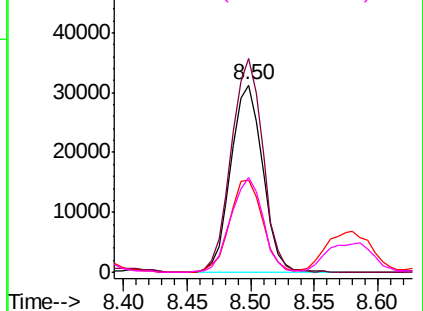
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.684 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

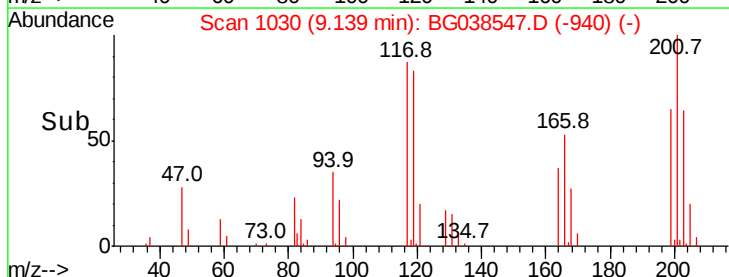
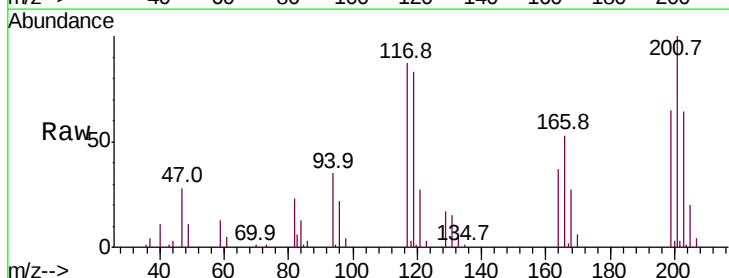
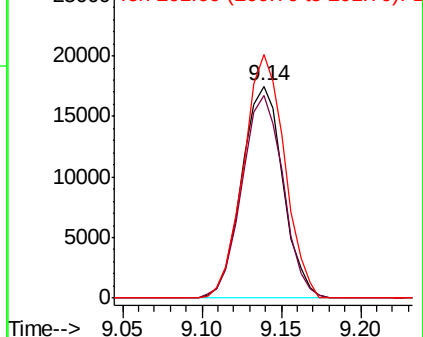
Tgt Ion:	117	Resp:	31692
Ion Ratio	Lower	Upper	
117	100		
119	96.0	73.8	110.8
201	118.0	89.4	134.0

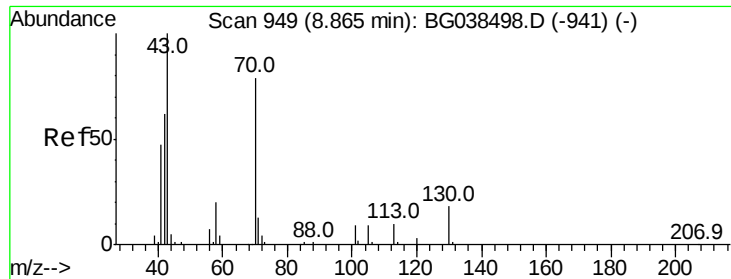
Abundance

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: 46.486 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

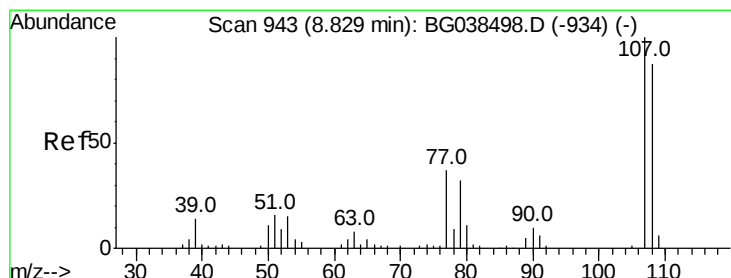
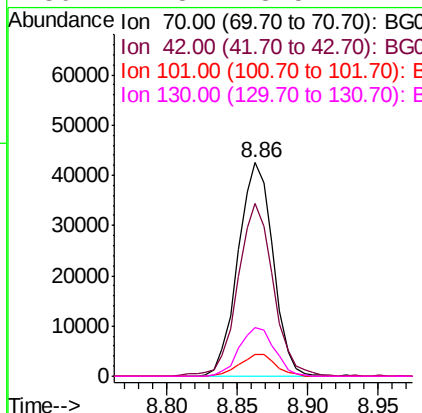
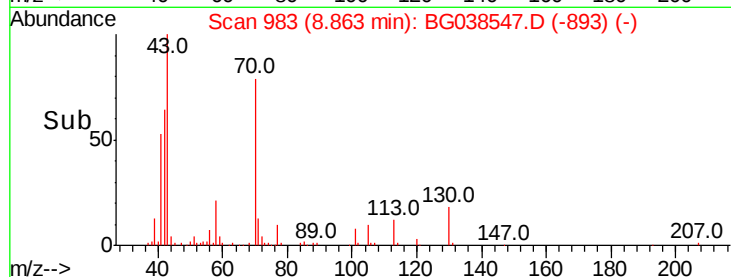
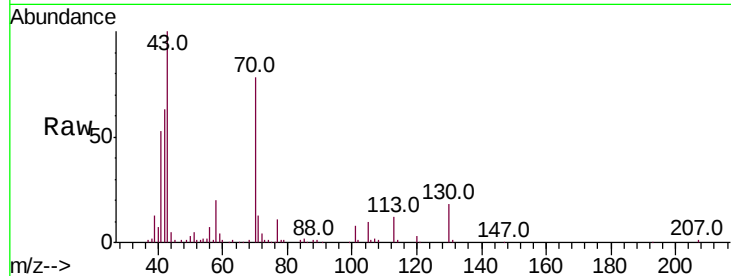
Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	81.2	63.6	95.4	
101	10.1	9.2	13.8	
130	22.8	18.5	27.7	

Manual Integrations
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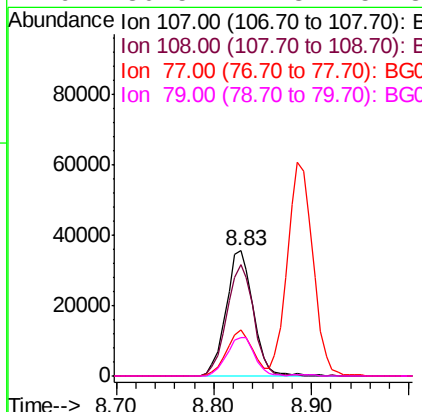
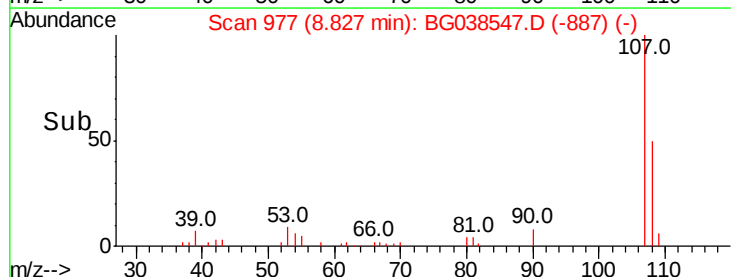
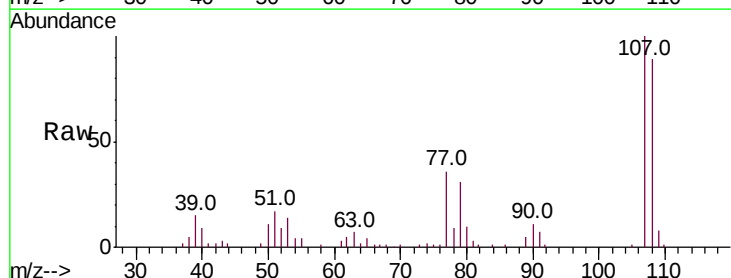
Sohil

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#20
3+4-Methylphenols
Concen: 31.020 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.5	66.7	106.7	
77	36.5	17.3	57.3	
79	30.5	12.3	52.3	





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

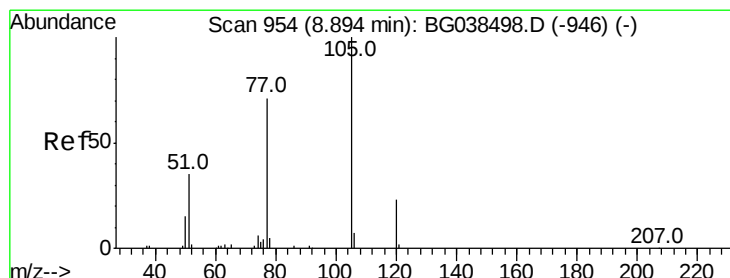
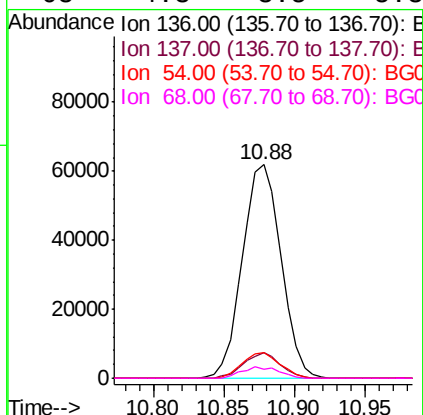
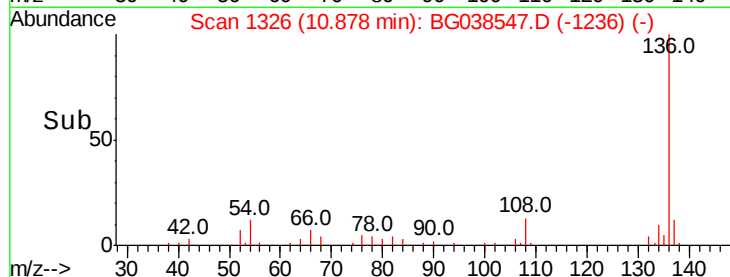
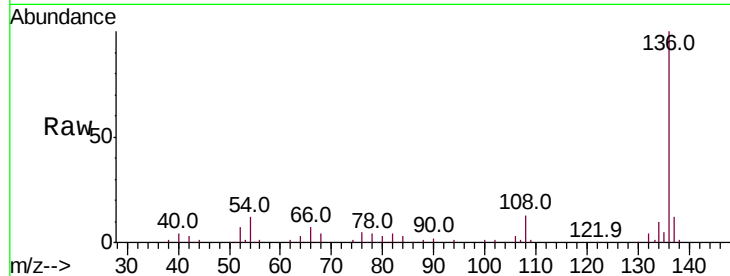
Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	119270		
137	12.1		9.3	13.9
54	11.8		8.5	12.7
68	4.3		3.5	5.3

Manual Integrations
APPROVED

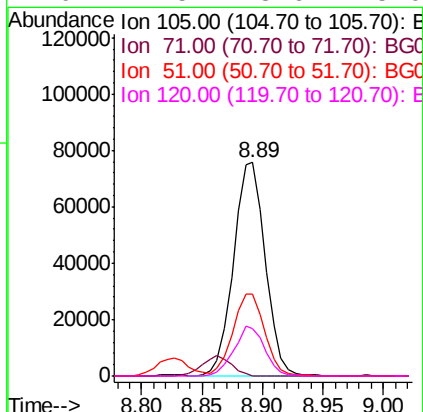
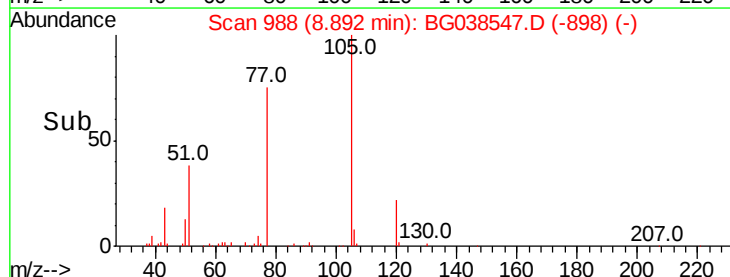
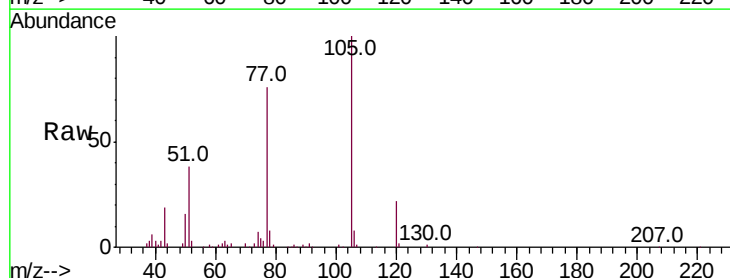
Sohil

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#22
Acetophenone
Concen: 46.549 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	138674		
71	0.2		0.4	0.6#
51	38.5		30.6	46.0
120	22.5		18.6	28.0



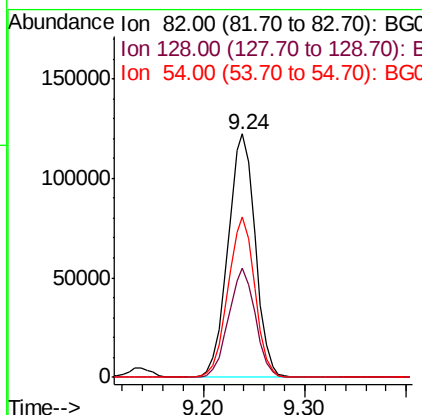
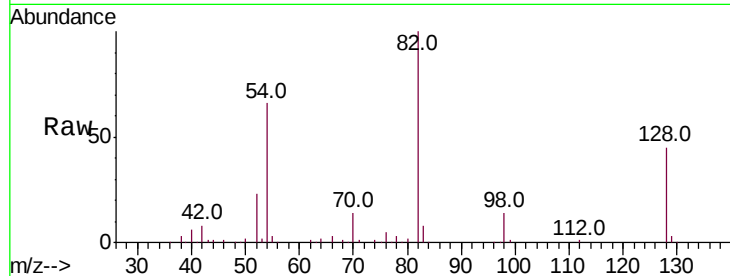


#23
Nitrobenzene-d5
Concen: 97.251 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

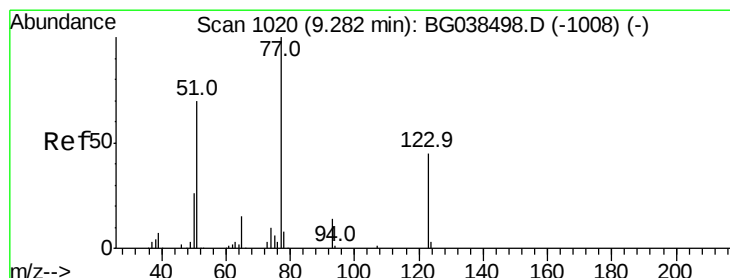
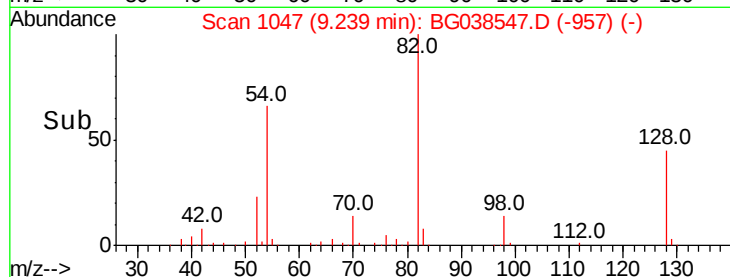
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	52.0
54	66.1	50.6	76.0

Manual Integrations
APPROVED



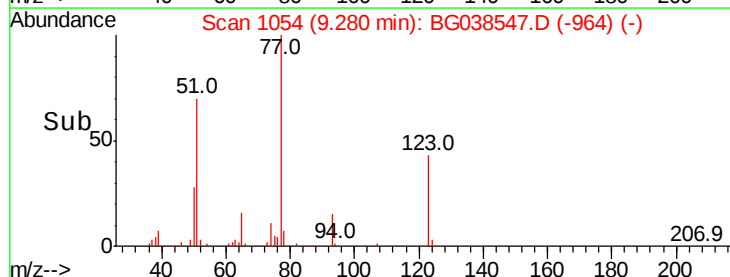
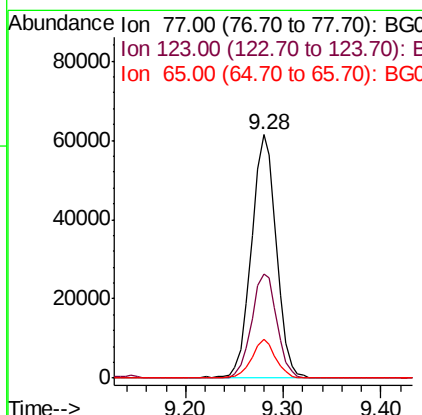
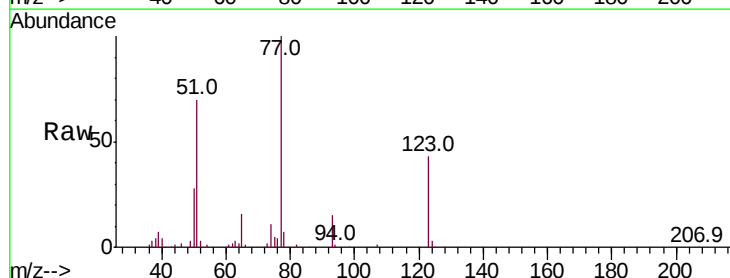
Sohil

12/14/2018 12:56:35 PM



#24
Nitrobenzene
Concen: 46.721 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.5	35.9	53.9
65	16.1	12.0	18.0



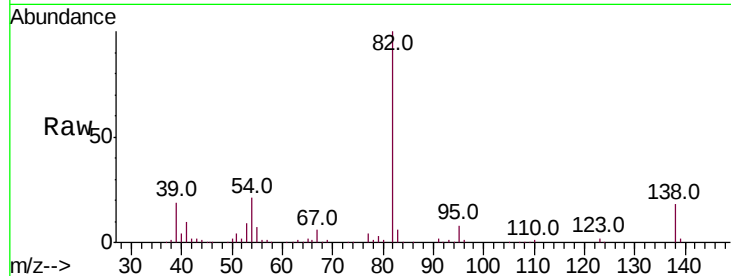


#25
Isophorone
Concen: 50.207 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

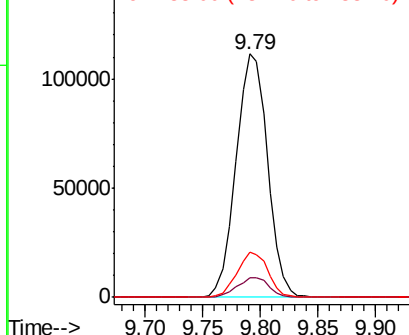
Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.2	6.1	9.1	
138	18.5	14.9	22.3	

Manual Integrations
APPROVED

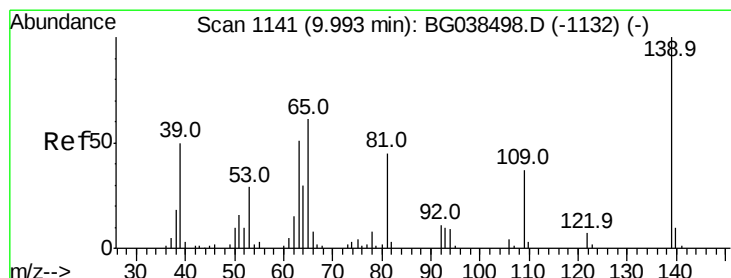
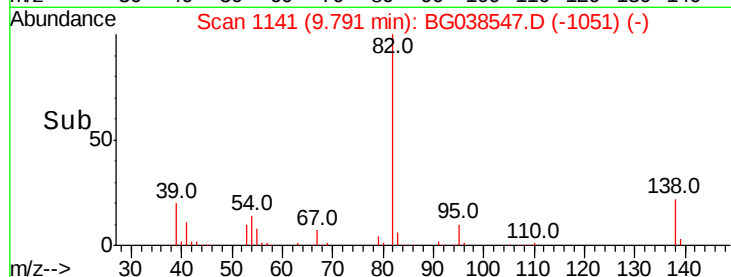


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



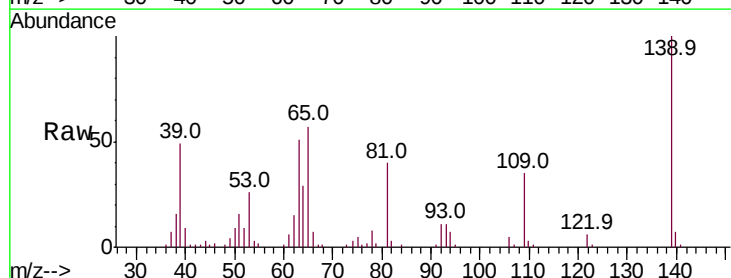
Sohil

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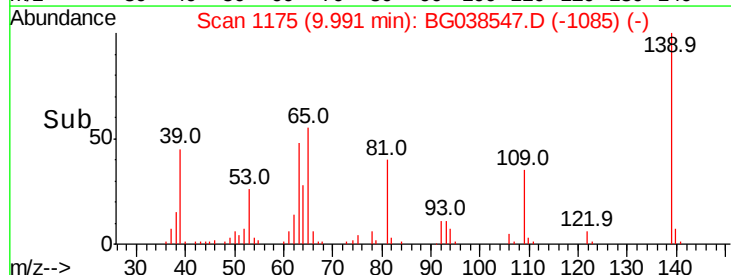
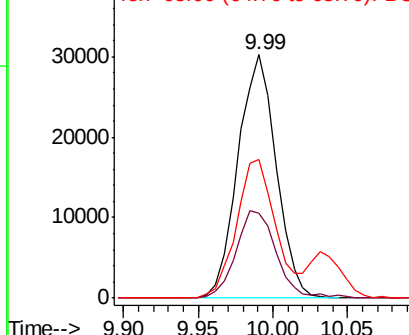


#26
2-Nitrophenol
Concen: 44.413 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	35.1	29.5	44.3	
65	56.7	48.5	72.7	



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



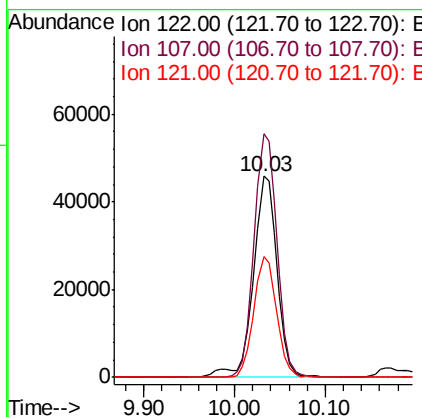
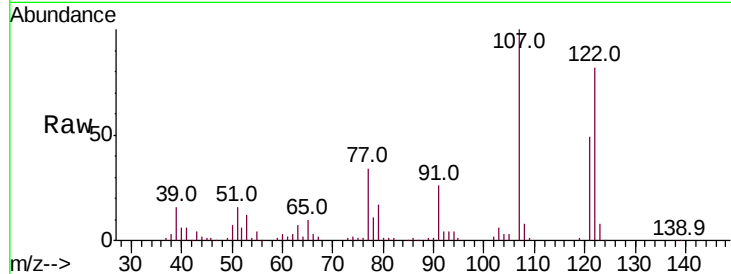


#27
 2,4-Dimethylphenol
 Concen: 47.966 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01MSD

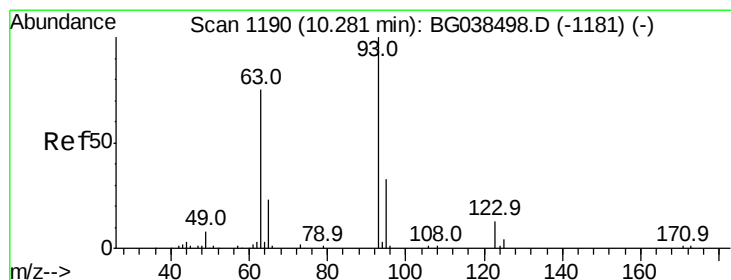
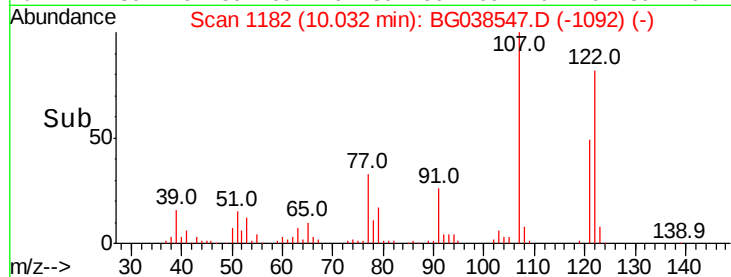
Tot Ion	Ratio	Lower	Upper
122	100		
107	121.2	98.4	147.6
121	59.9	47.2	70.8

Manual Integrations
 APPROVED



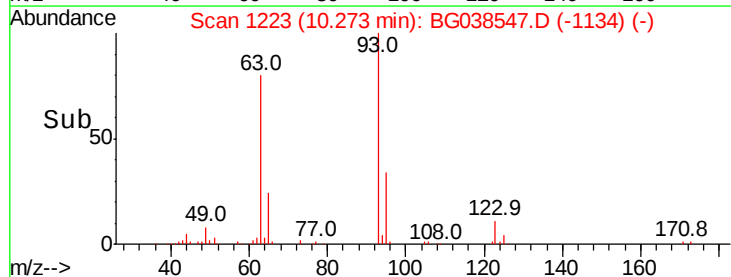
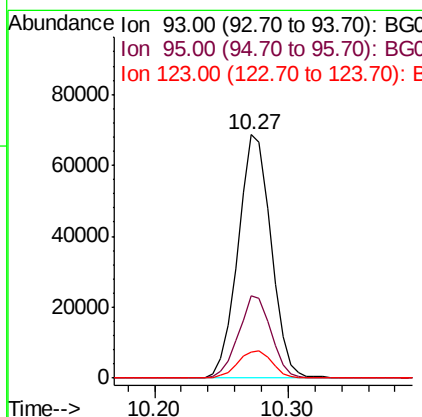
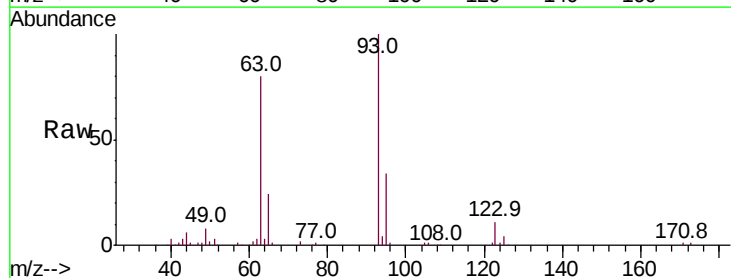
Sohil

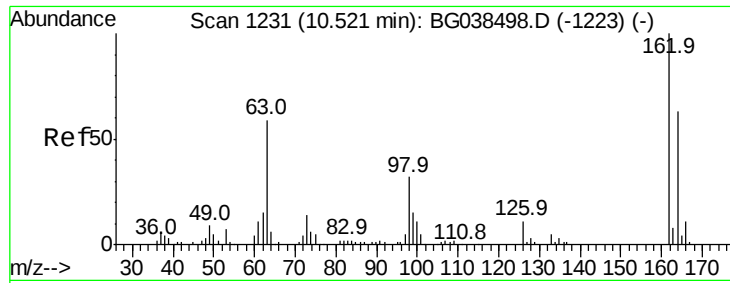
12/14/2018 12:56:35 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.619 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.6	40.0
123	10.8	10.6	16.0



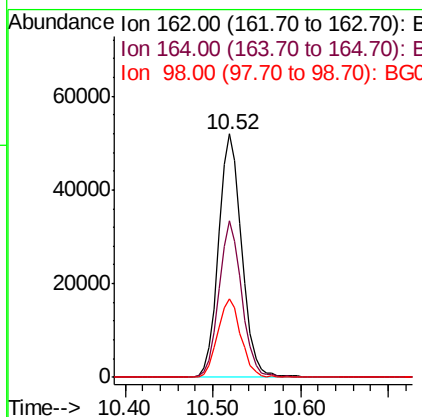
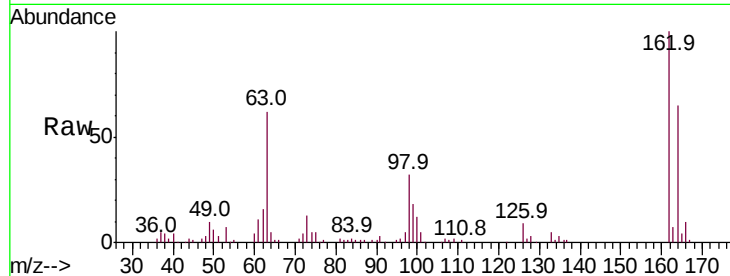


#29
2,4-Dichlorophenol
Concen: 49.532 ng
RT: 10.52 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

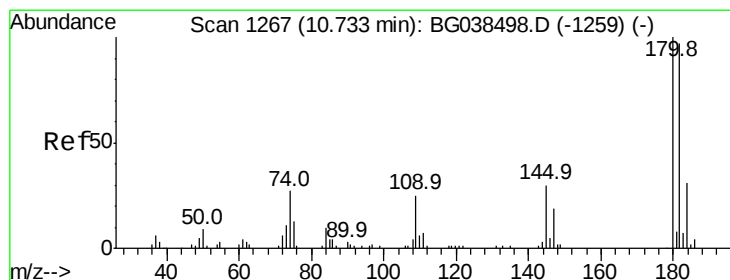
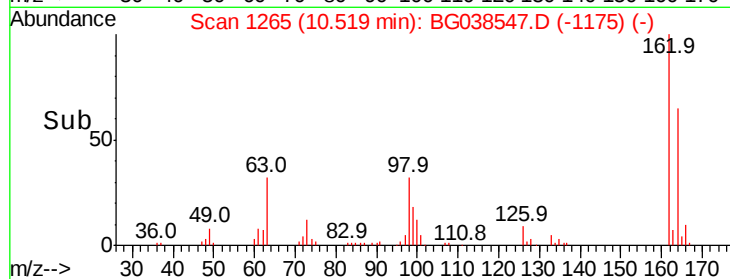
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.5	42.9	82.9	
98	32.0	12.1	52.1	

Manual Integrations
APPROVED



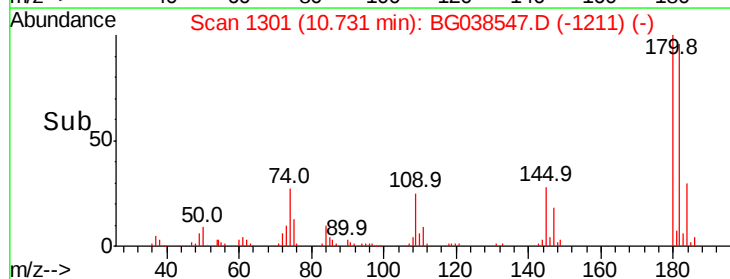
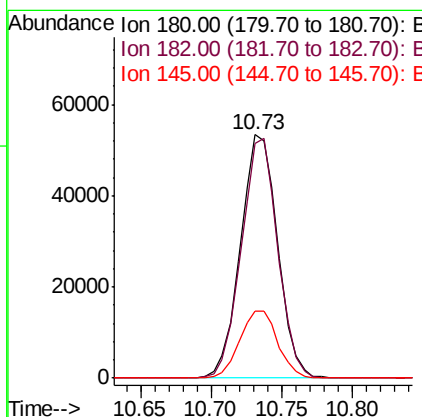
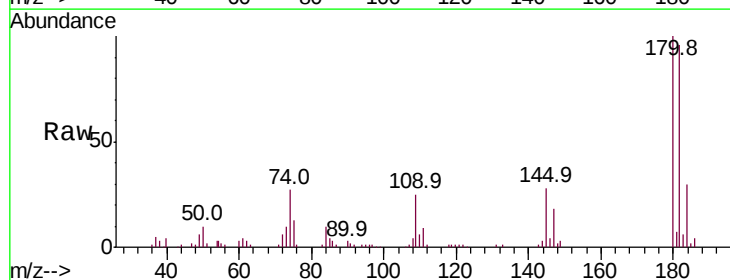
Sohil

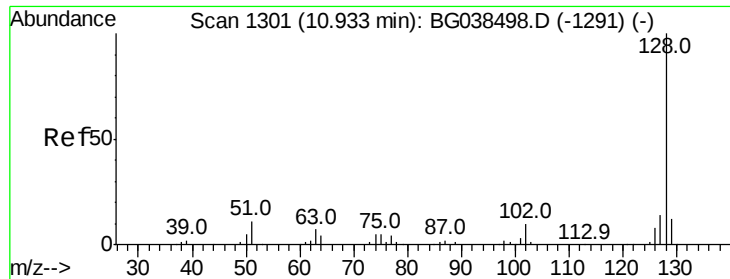
12/14/2018 12:56:35 PM



#30
1,2,4-Trichlorobenzene
Concen: 42.190 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.2	77.4	116.0	
145	27.7	24.1	36.1	



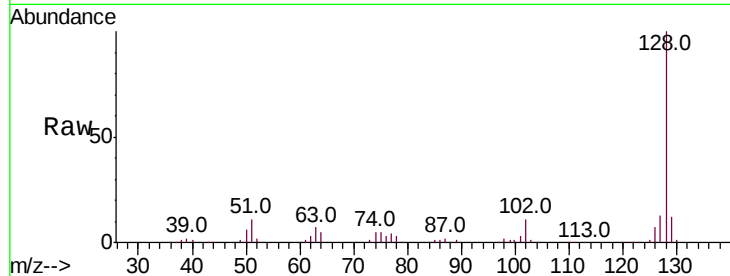


#31
Naphthalene
Concen: 48.127 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.5	14.3
127	13.4	10.9	16.3

Manual Integrations
APPROVED

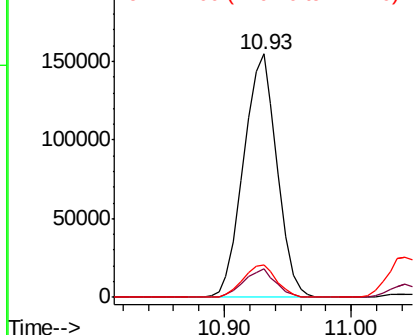


Abundance

Ion 128.00 (127.70 to 128.70): E

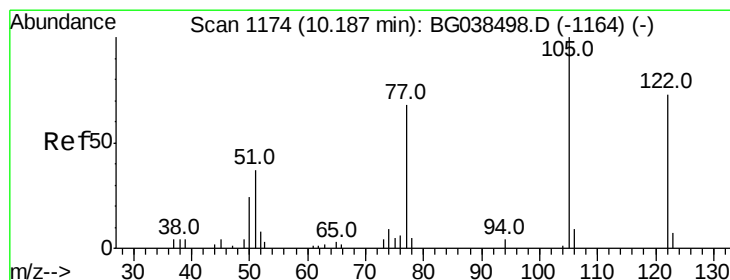
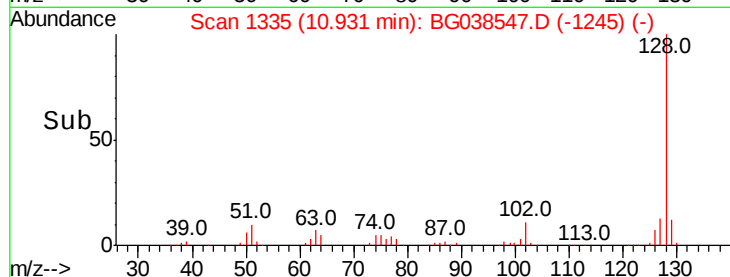
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



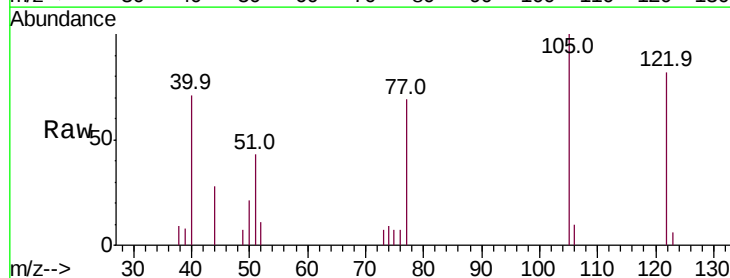
Sohil

12/14/2018 12:56:35 PM



#32
Benzoic acid
Concen: 17.491 ng m
RT: 10.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.3	116.7	156.7
77	83.6	72.5	112.5

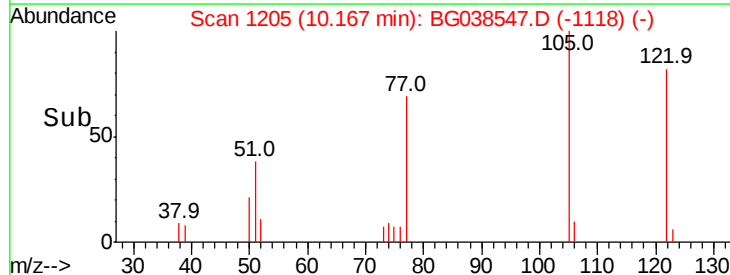
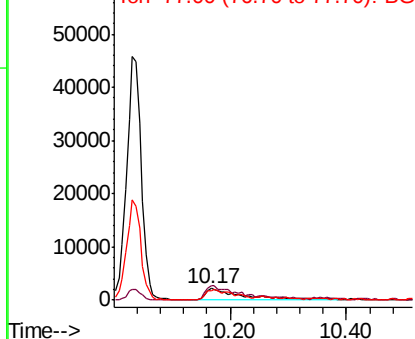


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





#33
4-Chloroaniline
Concen: 20.187 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

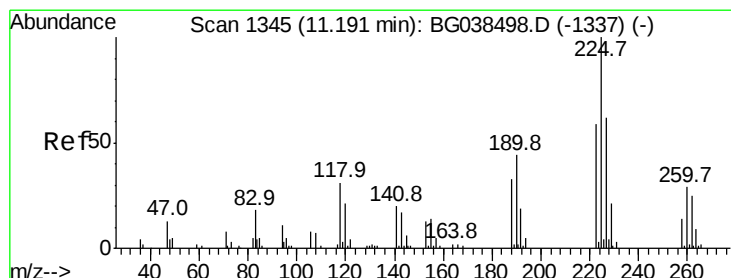
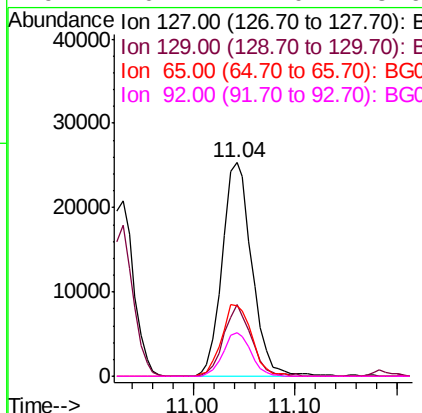
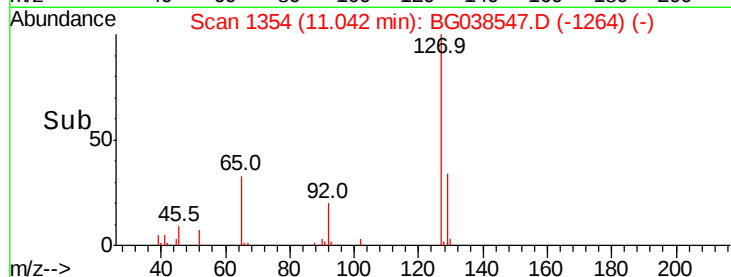
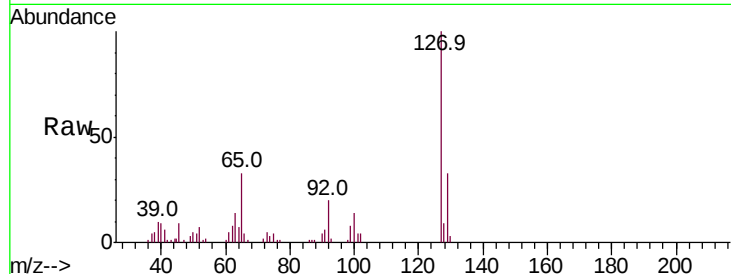
Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.8	38.8
65	33.1	27.8	41.6
92	20.2	17.0	25.6

Manual Integrations
APPROVED

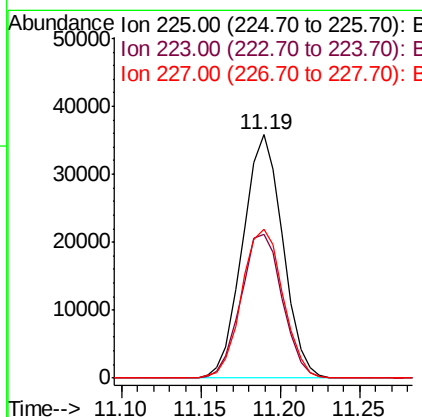
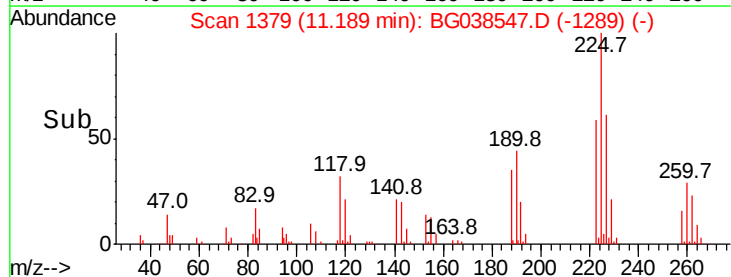
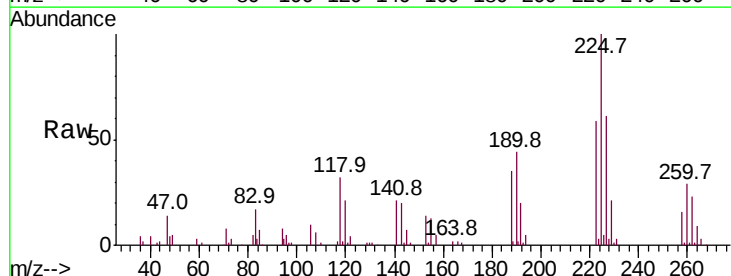
Sohil

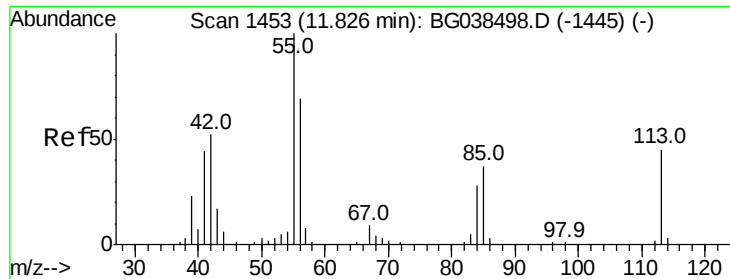
12/14/2018 12:56:35 PM



#34
Hexachlorobutadiene
Concen: 39.964 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.5	45.0	67.6
227	60.8	50.6	75.8





#35

Caprolactam

Concen: 5.964 ng/ml

RT: 11.84 min Scan# 1490

Delta R.T. 0.02 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01MSD

Tot Ion:113 Resp: 4757

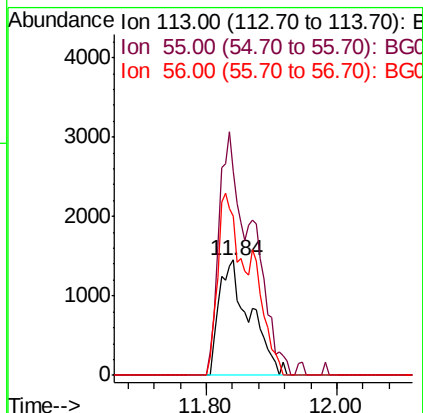
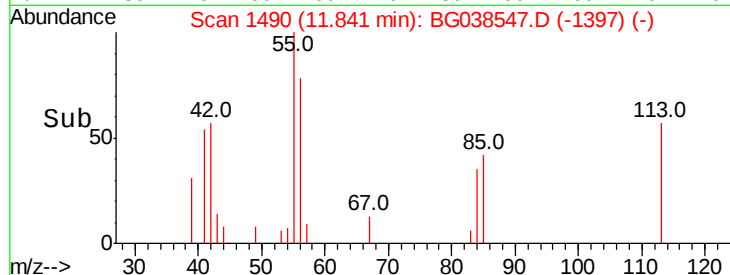
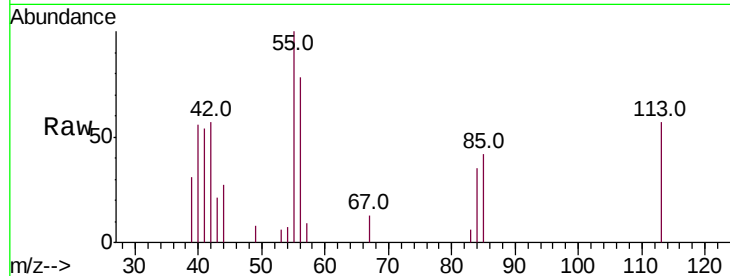
Ion Ratio Lower Upper

113 100

55 176.7 204.3 244.3#

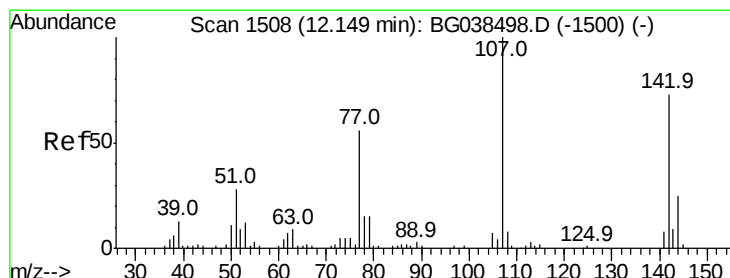
56 137.8 135.0 175.0

Manual Integrations
APPROVED



Sohil

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#36

4-Chloro-3-methylphenol

Concen: 43.171 ng/ml

RT: 12.15 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

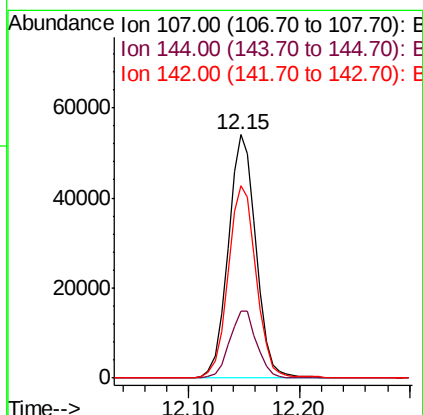
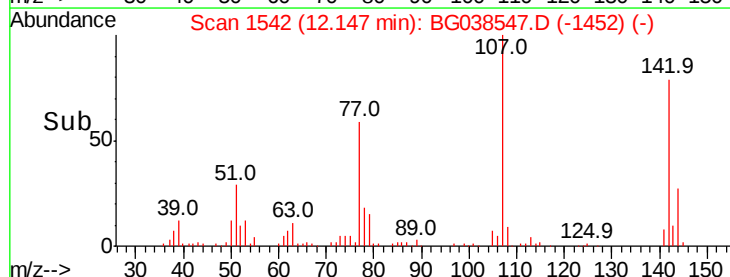
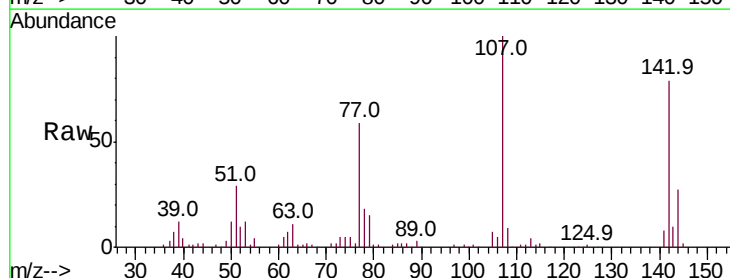
Tgt Ion:107 Resp: 94948

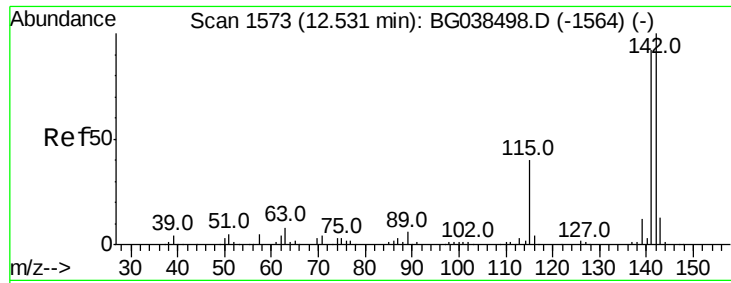
Ion Ratio Lower Upper

107 100

144 27.3 20.1 30.1

142 79.0 58.7 88.1



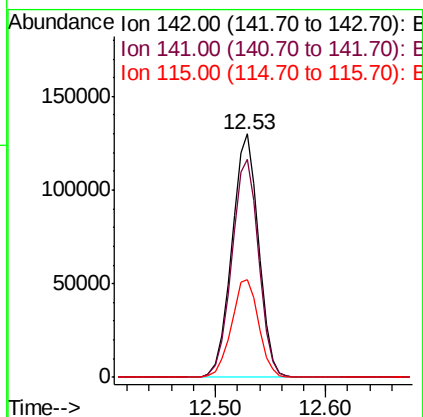
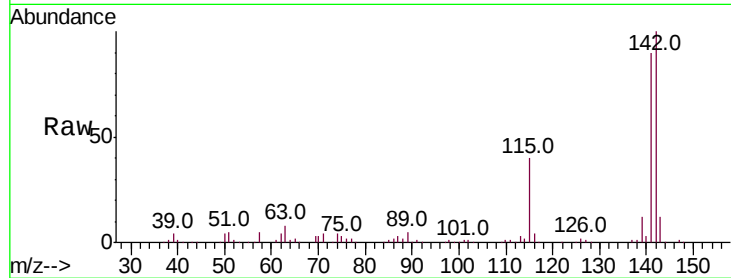


#37
 2-Methylnaphthalene
 Concen: 52.568 ng
 RT: 12.53 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01MSD

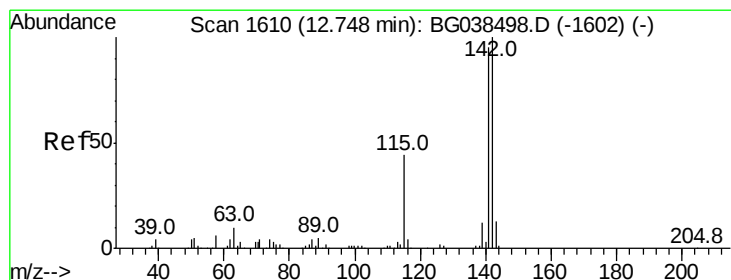
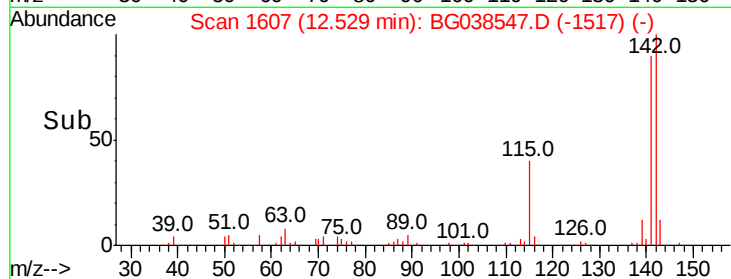
Tot Ion:	142	Resp:	220388
Ion Ratio	Lower	Upper	
142	100		
141	89.7	73.5	110.3
115	40.3	31.7	47.5

Manual Integrations
 APPROVED



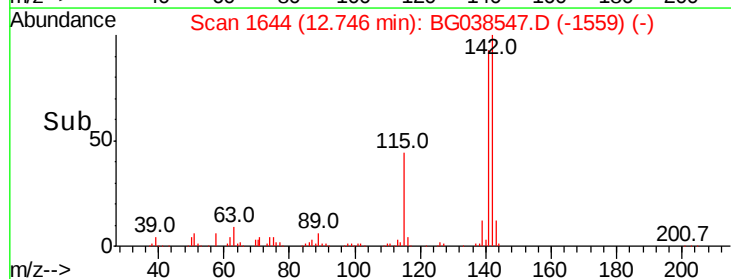
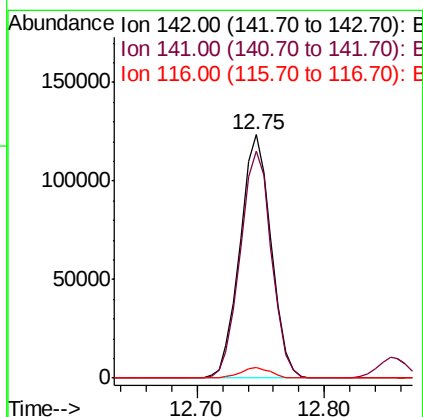
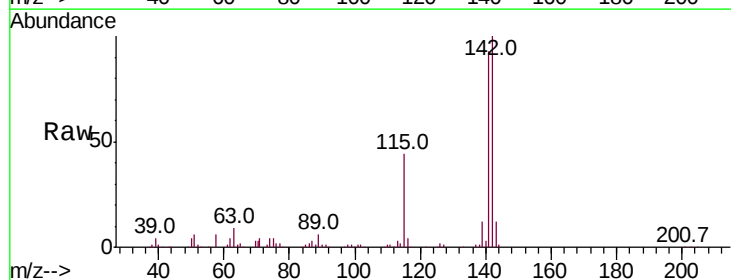
Sohil

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#38
 1-Methylnaphthalene
 Concen: 51.610 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Tgt Ion:	142	Resp:	209960
Ion Ratio	Lower	Upper	
142	100		
141	93.1	75.8	113.8
116	4.4	3.6	5.4



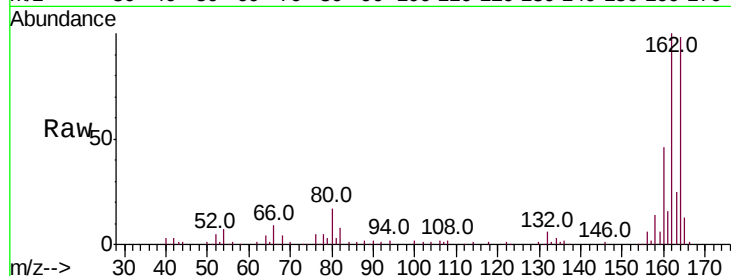


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.6	130.0
160	46.7	34.2	51.2

Manual Integrations
APPROVED

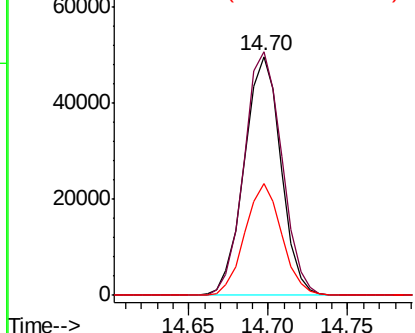


Abundance

Ion 164.00 (163.70 to 164.70): E

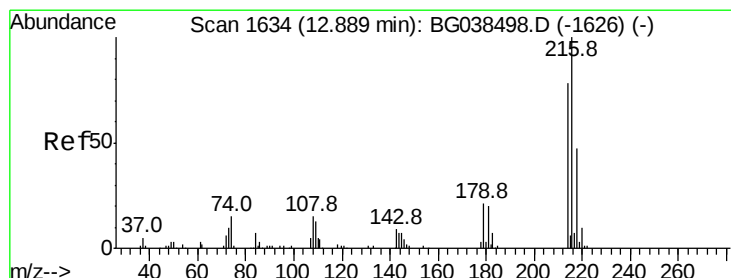
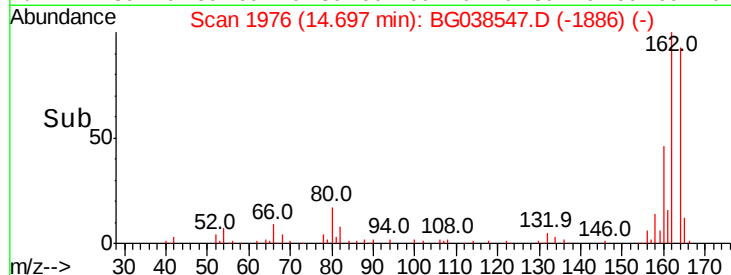
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.768 ng
RT: 12.89 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.1	96.1
179	20.3	16.4	24.6
108	18.5	13.9	20.9

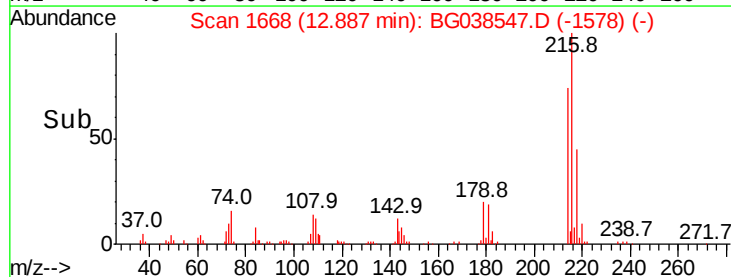
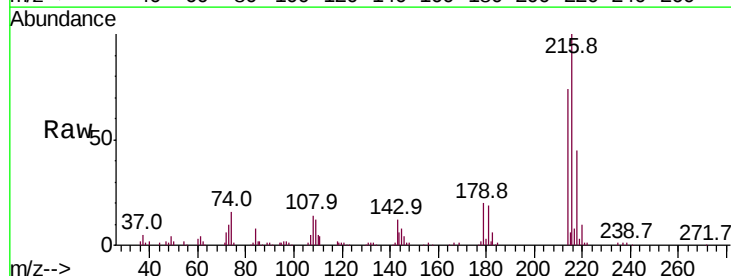
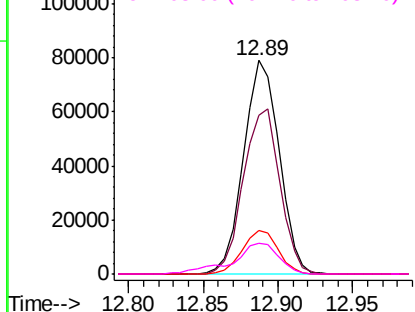
Abundance

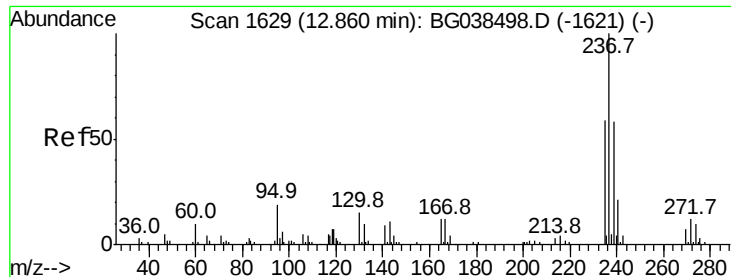
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 95.601 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

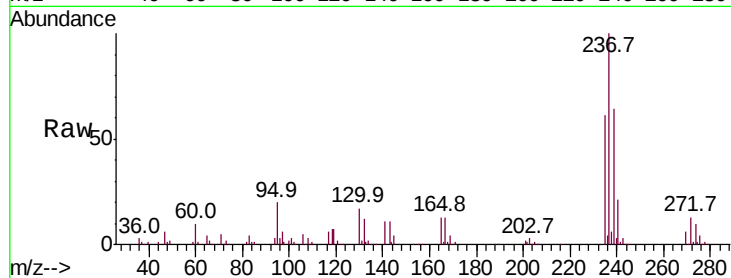
BNA_G

ClientSampleId :

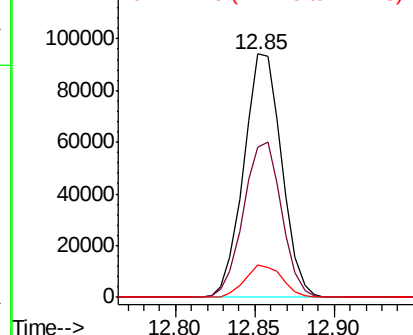
P001-TW001-01MSD

Tot Ion:	237	Resp:	156297
Ion Ratio	Lower	Upper	
237	100		
235	61.4	38.8	78.8
272	13.1	0.0	32.0

Manual Integrations
APPROVED

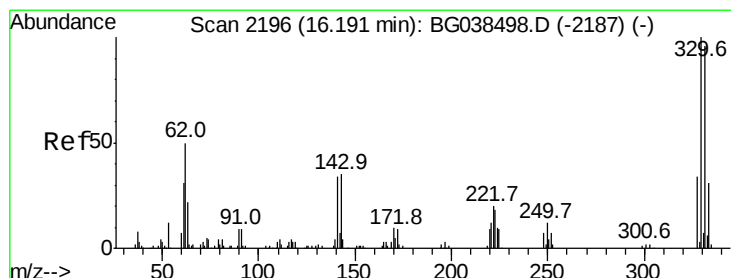
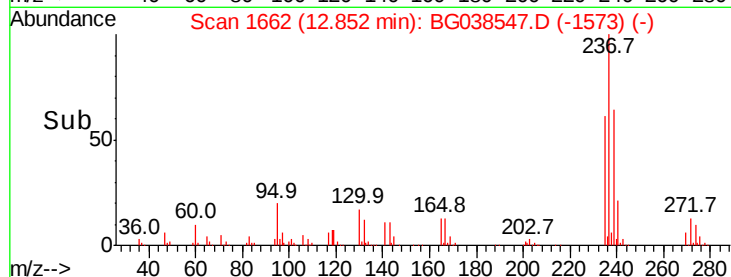


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



Sohil

12/14/2018 12:56:35 PM



#42

2,4,6-Tribromophenol

Concen: 103.344 ng

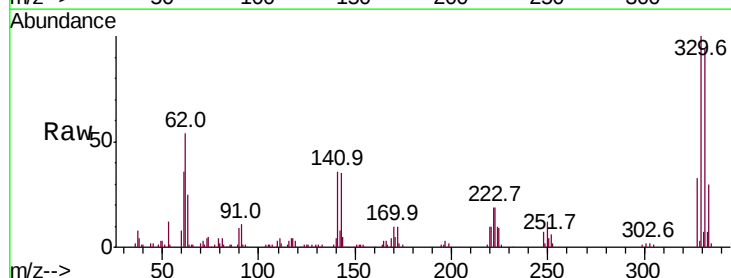
RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

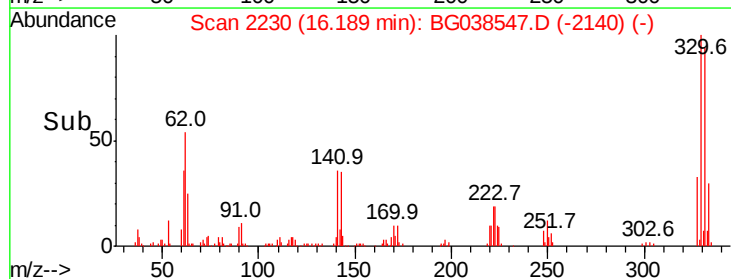
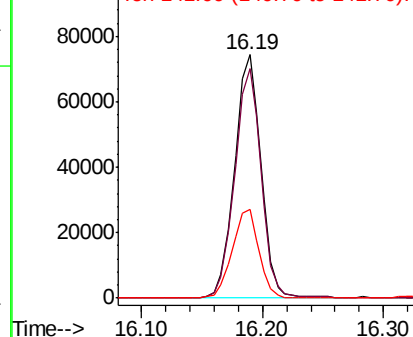
Lab File: BG038547.D

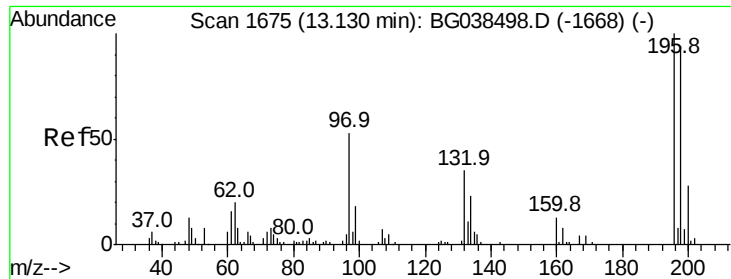
Acq: 14 Dec 2018 00:38

Tgt Ion:	330	Resp:	113386
Ion Ratio	Lower	Upper	
330	100		
332	94.8	76.9	115.3
141	36.8	28.8	43.2



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



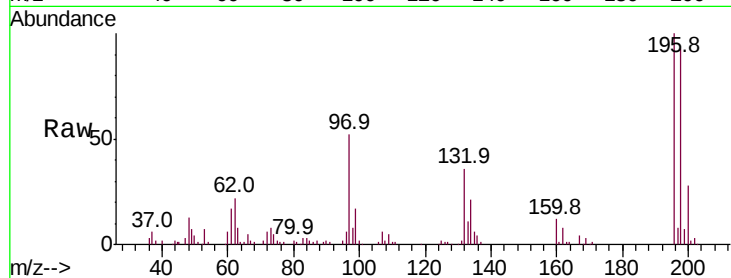


#43
 2,4,6-Trichlorophenol
 Concen: 48.526 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.9	75.0	112.4	
200	28.4	22.4	33.6	

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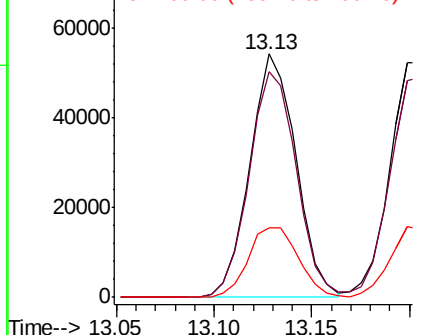


Abundance

Ion 196.00 (195.70 to 196.70): E

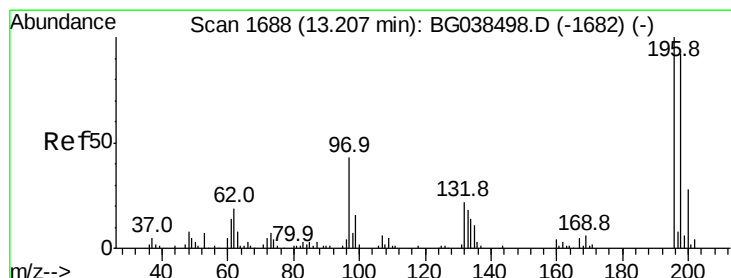
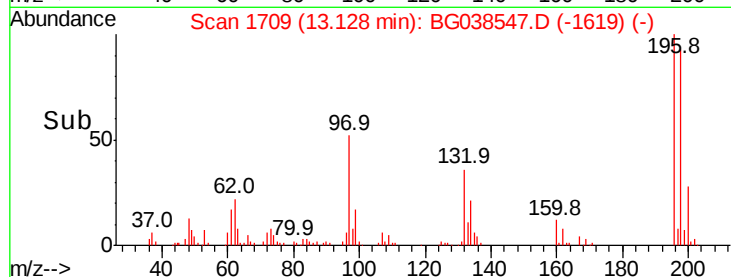
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



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#44
 2,4,5-Trichlorophenol
 Concen: 48.905 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.5	74.0	111.0	
97	44.7	35.1	52.7	
132	23.5	18.0	27.0	

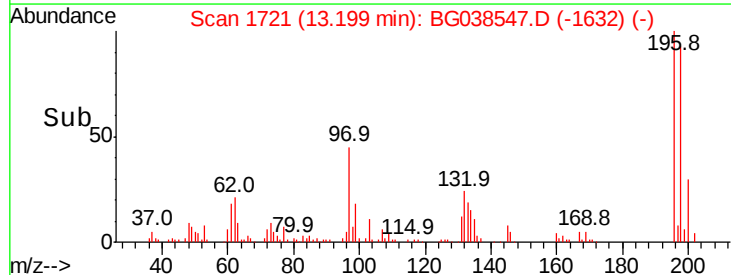
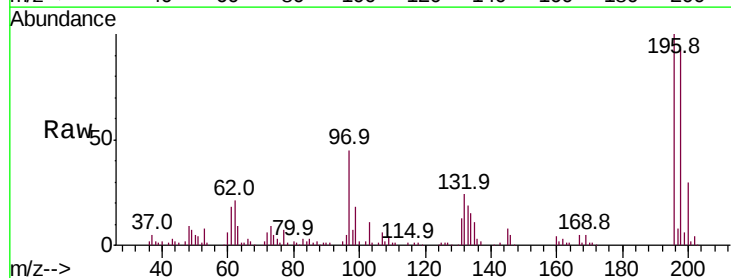
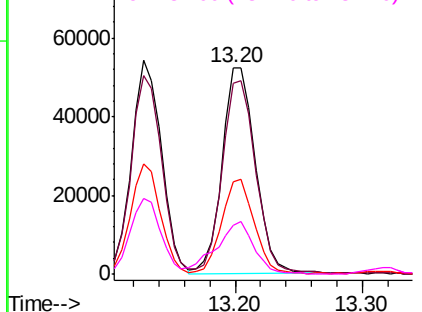
Abundance

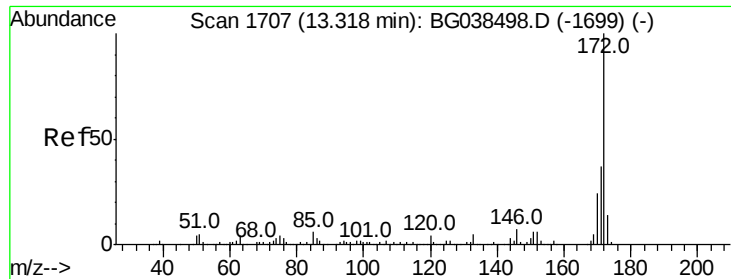
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



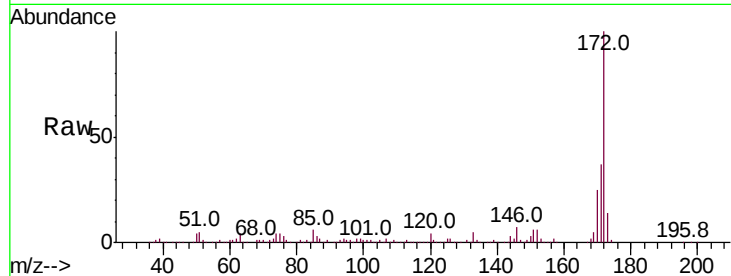


#45
2-Fluorobiphenyl
Concen: 93.385 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

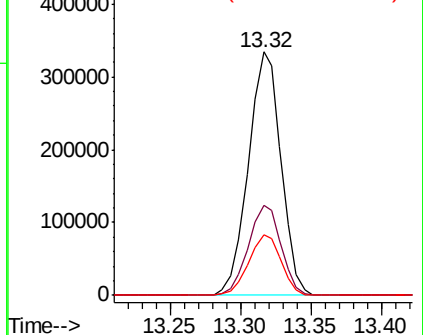
Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tot Ion:	172	Resp:	541924
Ion Ratio	Lower	Upper	
172	100		
171	37.2	29.8	44.6
170	24.9	19.5	29.3

Manual Integrations
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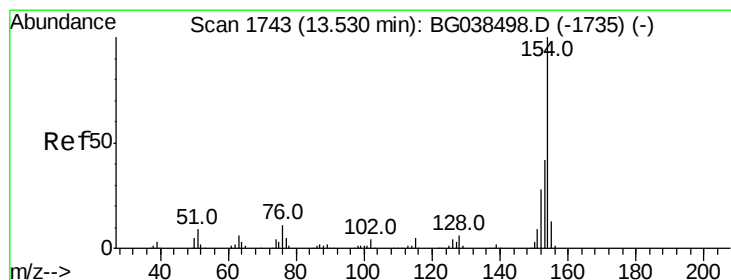
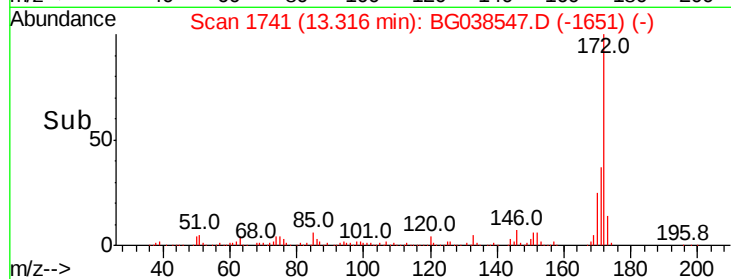


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



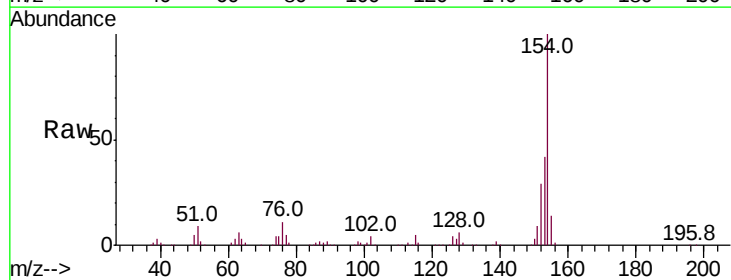
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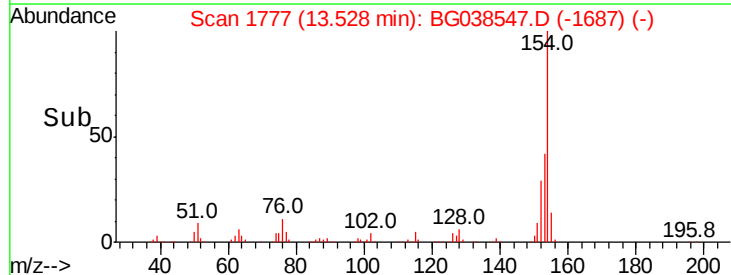
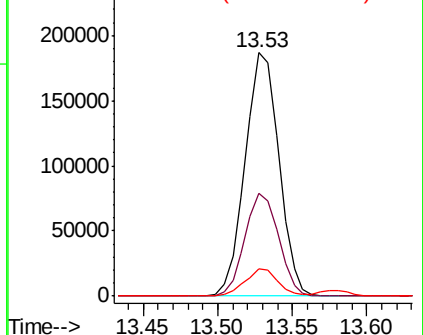


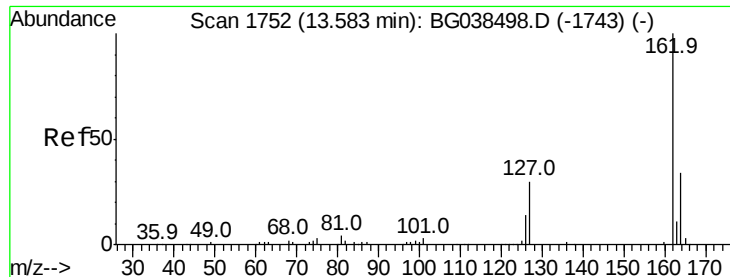
#46
1,1'-Biphenyl
Concen: 43.861 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion:	154	Resp:	292725
Ion Ratio	Lower	Upper	
154	100		
153	42.2	22.1	62.1
76	11.1	0.0	31.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC



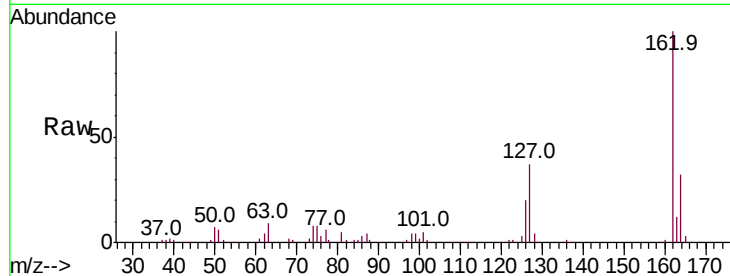


#47
 2-Chloronaphthalene
 Concen: 45.296 ng
 RT: 13.57 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

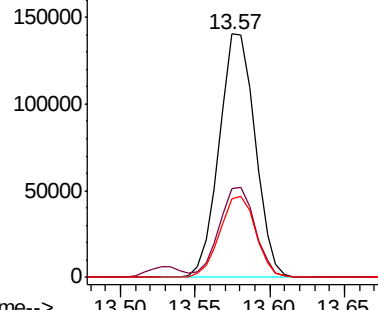
Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.7	27.8	41.8	
164	32.1	26.9	40.3	

Manual Integrations
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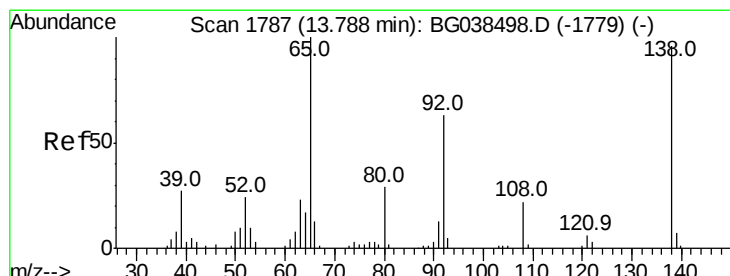
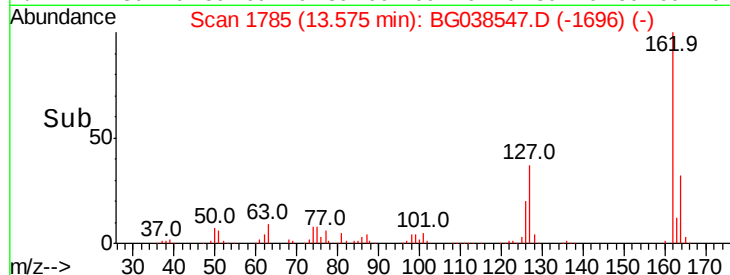


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



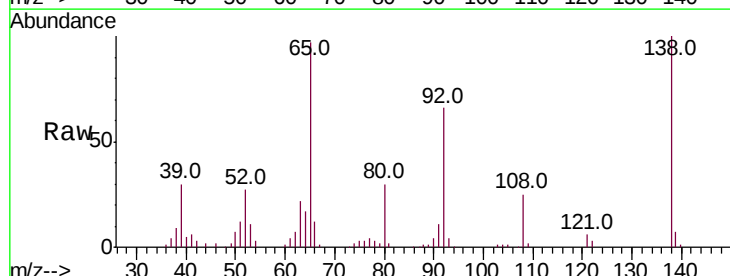
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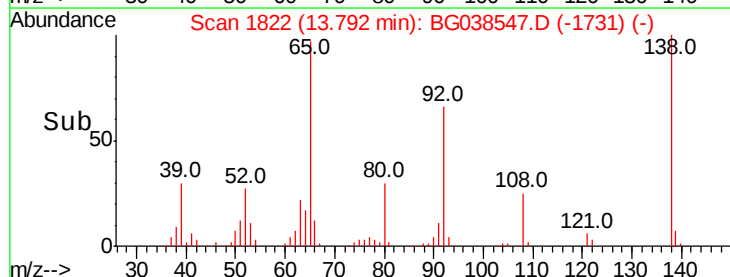
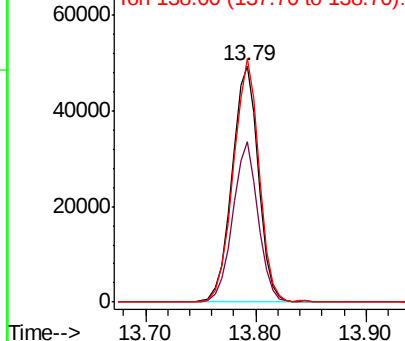


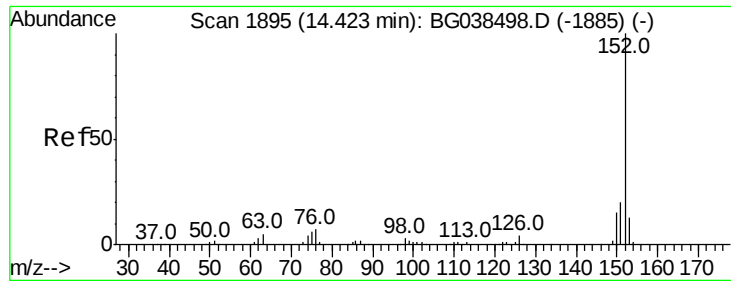
#48
 2-Nitroaniline
 Concen: 50.305 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	67.8	50.0	75.0	
138	103.1	76.9	115.3	



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





#49

Acenaphthylene

Concen: 50.633 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

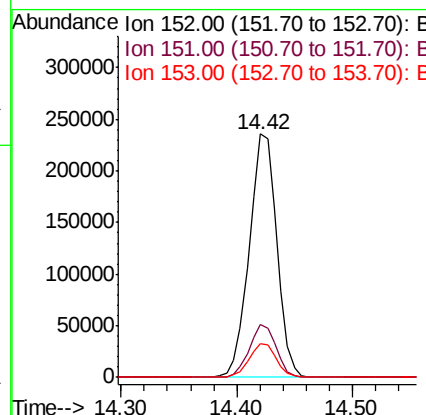
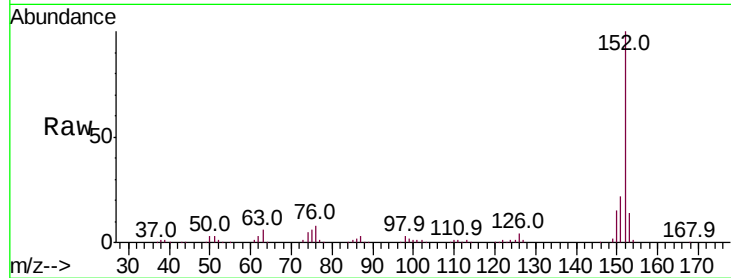
BNA_G

ClientSampleId :

P001-TW001-01MSD

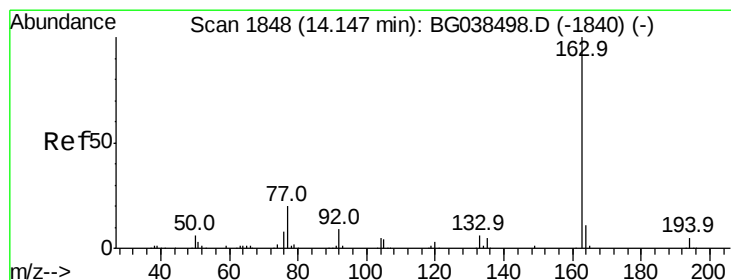
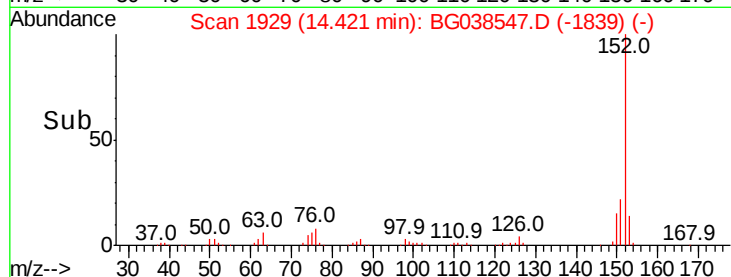
Tot Ion:	152	Resp:	390223
Ion Ratio	Lower	Upper	
152	100		
151	21.6	16.4	24.6
153	13.7	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 49.267 ng

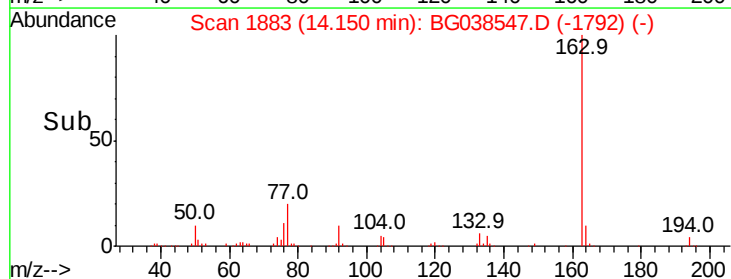
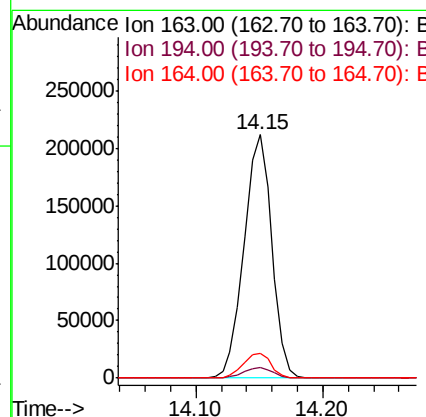
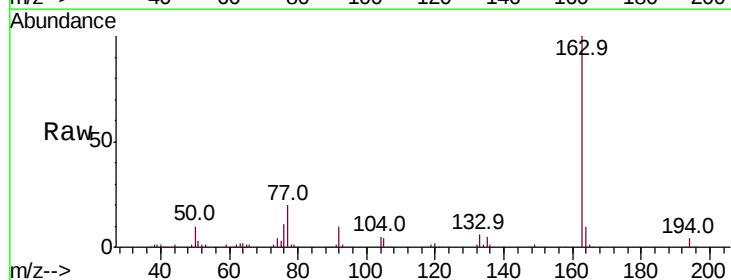
RT: 14.15 min Scan# 1883

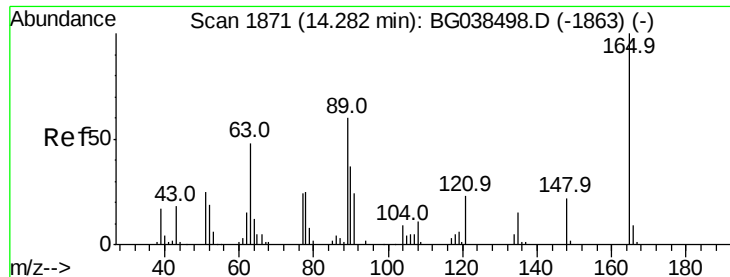
Delta R.T. 0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Tgt Ion:	163	Resp:	320298
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.7	5.5
164	10.0	8.6	12.8



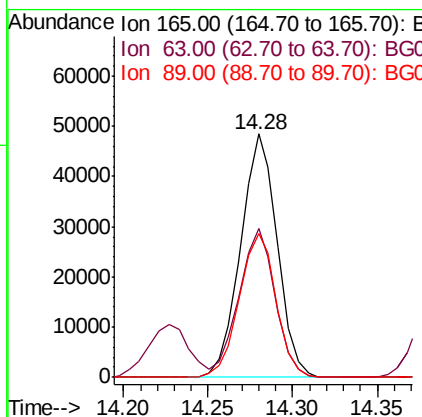
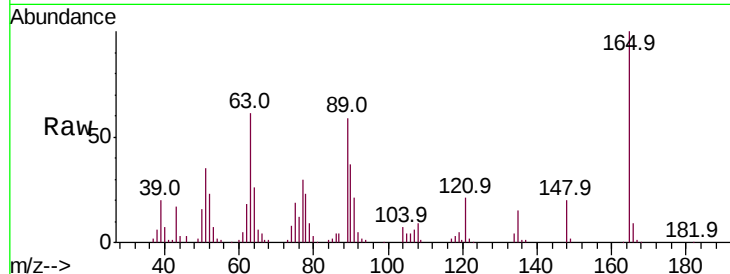


#51
2,6-Dinitrotoluene
Concen: 49.390 ng
RT: 14.28 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

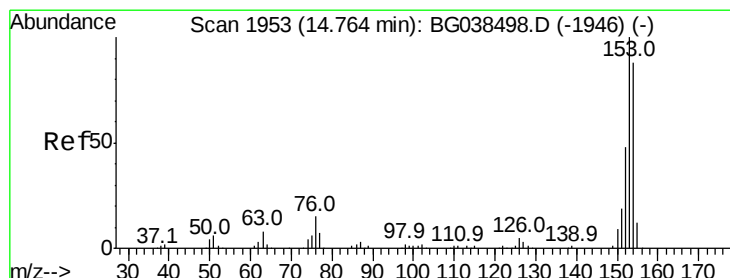
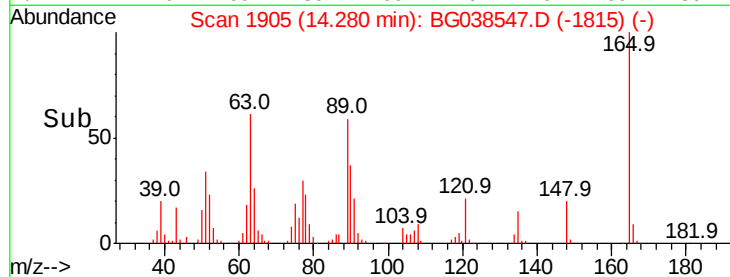
Tot Ion	Ratio	Lower	Upper
165	100		
63	61.3	51.8	77.6
89	59.2	47.9	71.9

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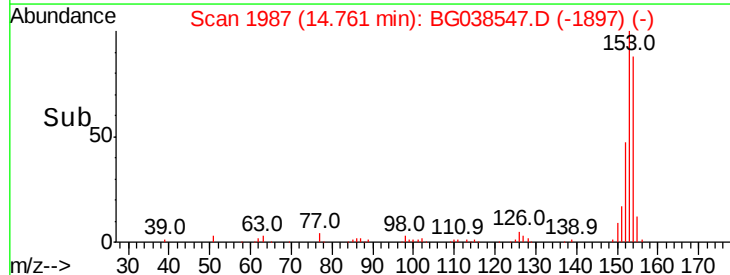
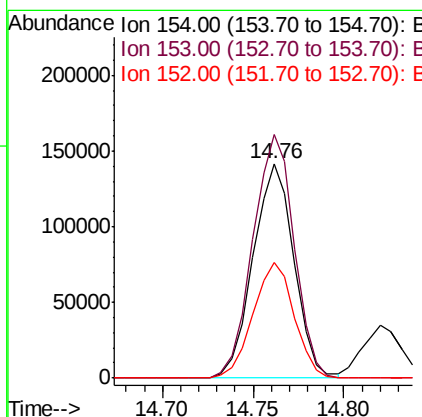
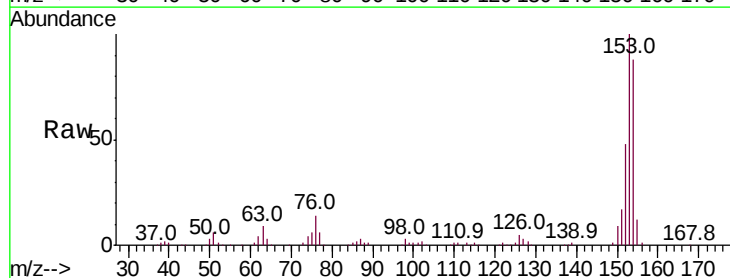
Sohil

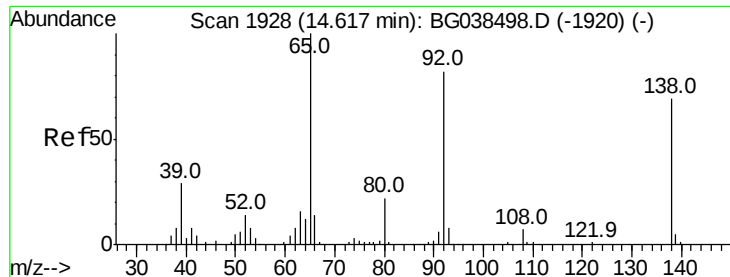
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#52
Acenaphthene
Concen: 48.461 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.6	136.0
152	54.0	43.5	65.3



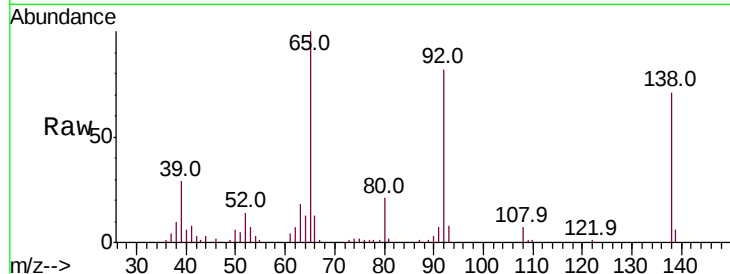


#53
3-Nitroaniline
Concen: 27.848 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.9	11.9
92	116.6	95.3	142.9

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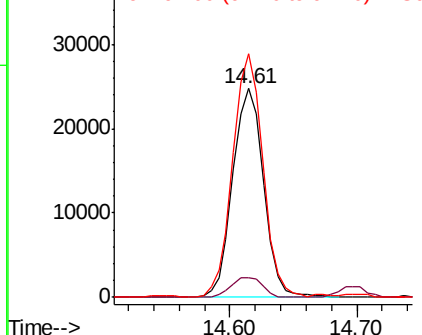


Abundance

Ion 138.00 (137.70 to 138.70): E

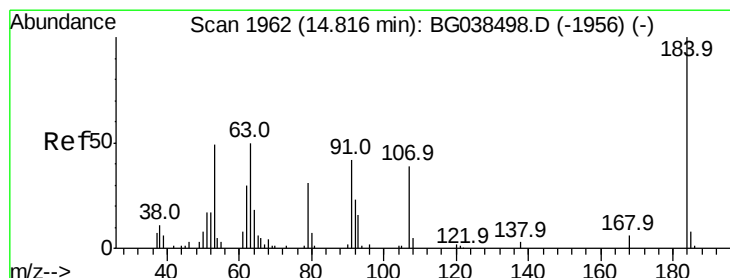
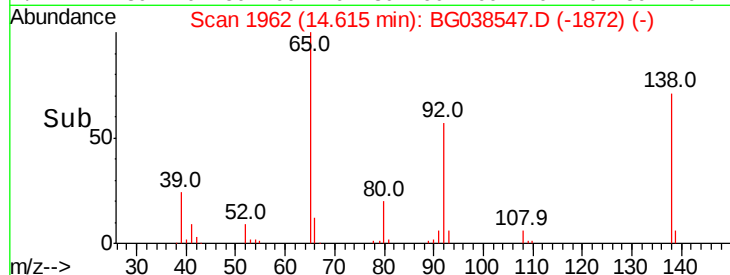
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



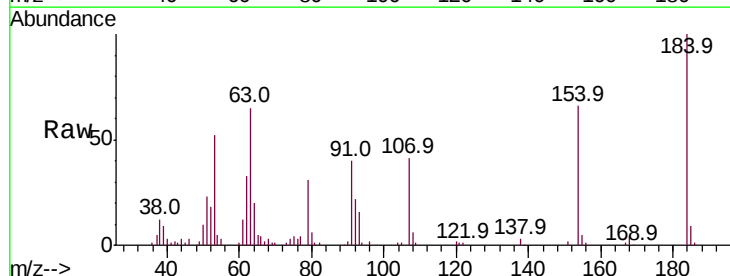
Sohil

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#54
2,4-Dinitrophenol
Concen: 95.292 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.4	47.0	70.6
154	66.5	50.3	75.5

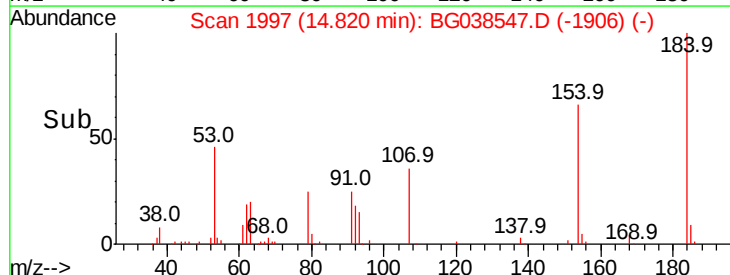
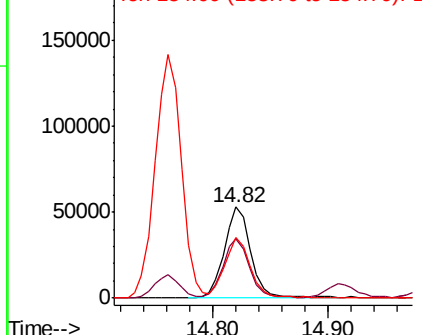


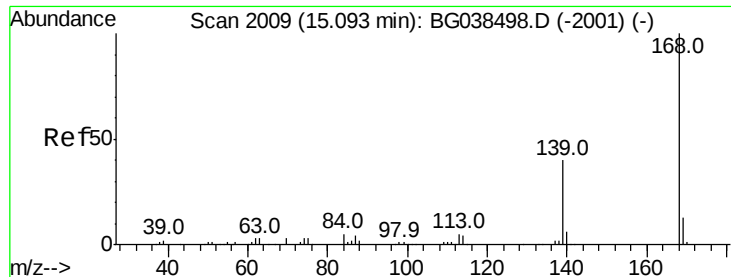
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



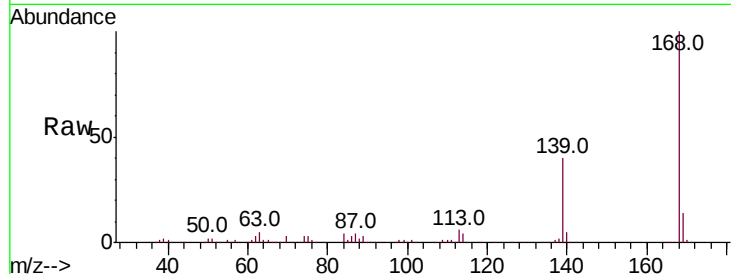


#55
Dibenzenofuran
Concen: 47.473 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	32.2	48.2
169	13.9	10.6	16.0

Manual Integrations
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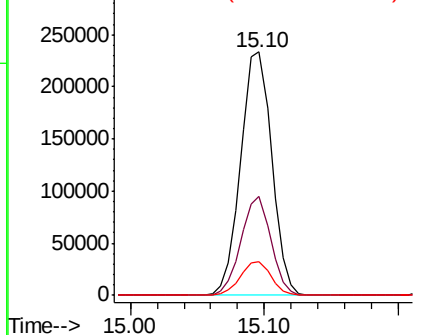


Abundance

Ion 168.00 (167.70 to 168.70): E

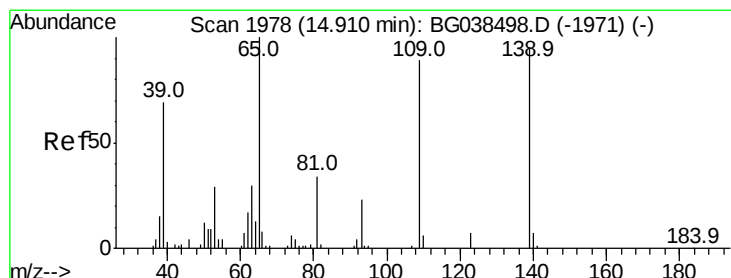
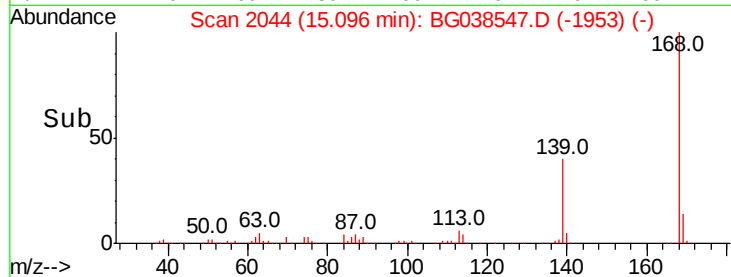
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



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#56
4-Nitrophenol
Concen: 35.637 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

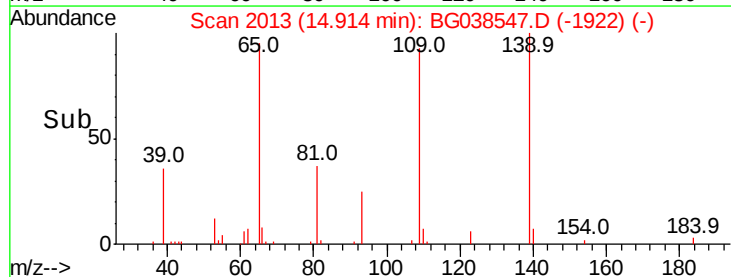
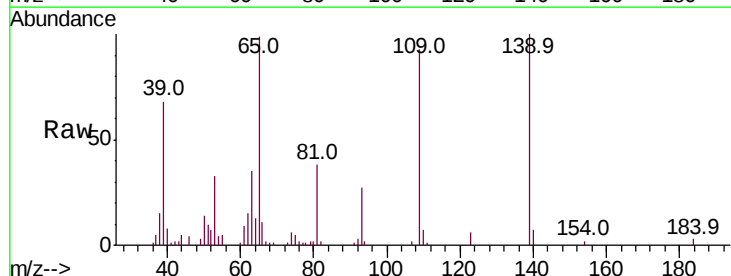
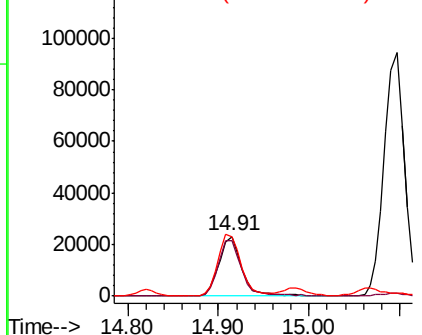
Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.6	73.6	113.6
65	98.9	84.8	124.8

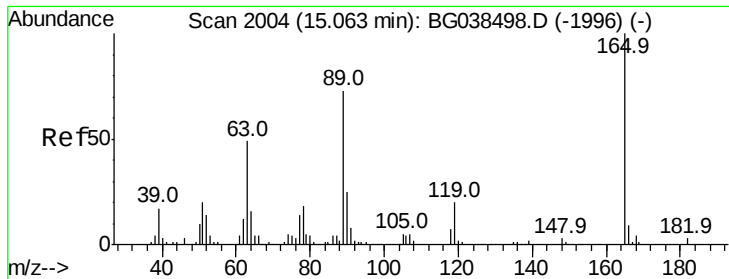
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57
2,4-Dinitrotoluene
Concen: 49.255 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

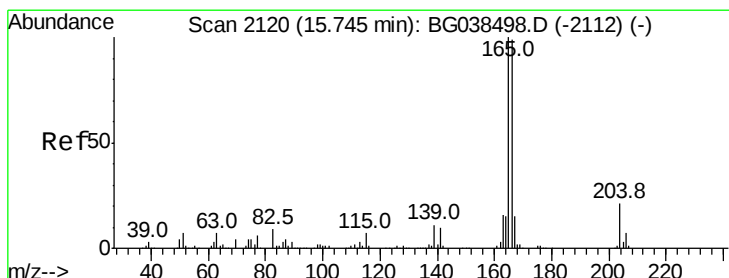
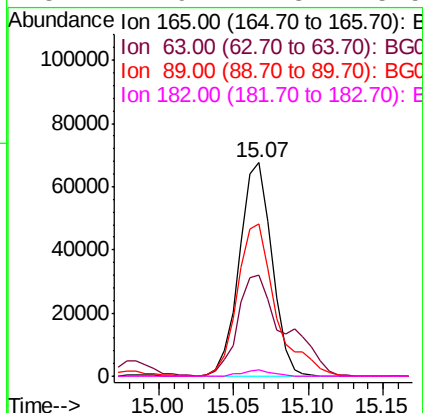
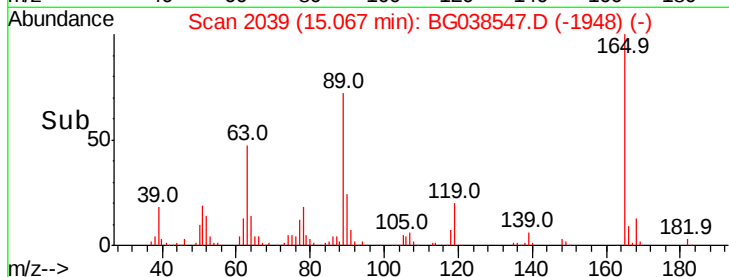
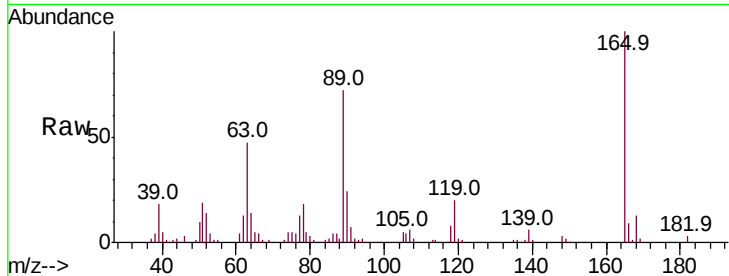
Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.5	39.0	58.4	
89	71.6	58.0	87.0	
182	2.9	2.3	3.5	

Manual Integrations
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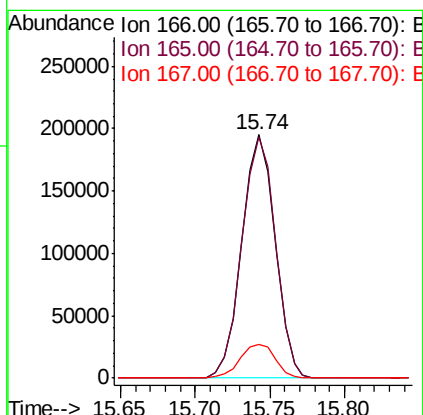
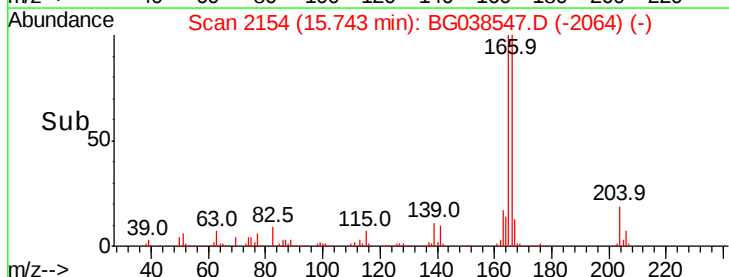
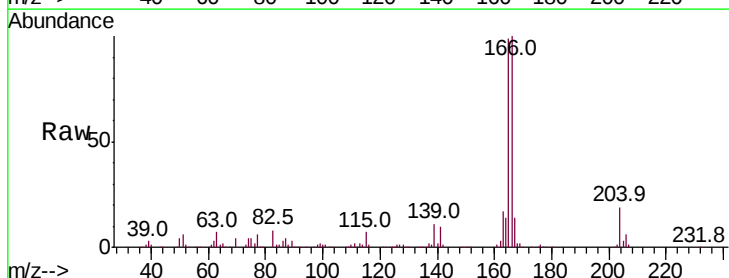
Sohil

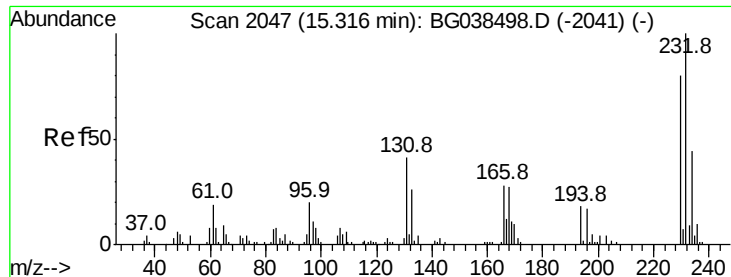
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#58
Fluorene
Concen: 51.538 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.2	80.6	120.8	
167	13.7	12.0	18.0	





#59

2,3,4,6-Tetrachlorophenol

Concen: 52.773 ng

RT: 15.31 min Scan# 2081

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01MSD

Tot Ion:232 Resp: 91979

Ion Ratio Lower Upper

232 100

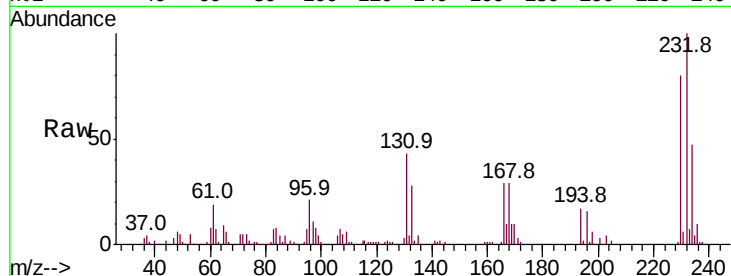
131 41.3 33.0 49.4

130 2.4 2.0 3.0

166 27.8 23.1 34.7

Manual Integrations
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Sohil

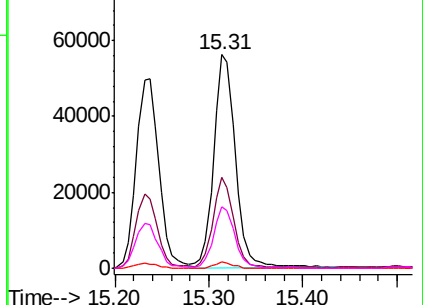


Abundance Ion 232.00 (231.70 to 232.70): E

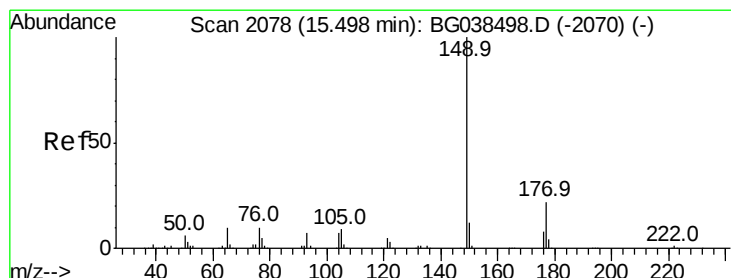
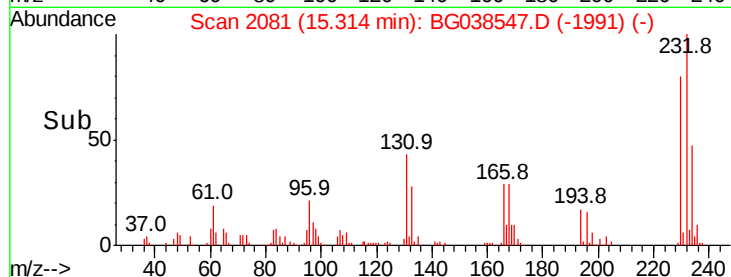
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



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#60

Diethylphthalate

Concen: 46.042 ng

RT: 15.50 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

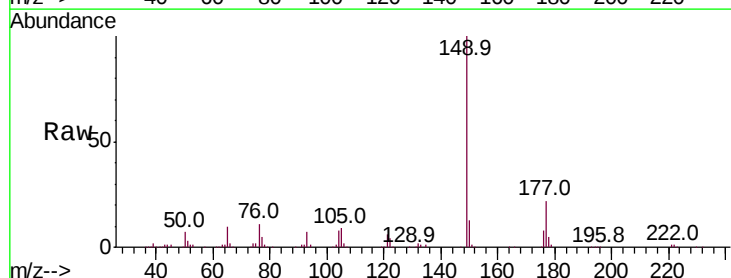
Tgt Ion:149 Resp: 328597

Ion Ratio Lower Upper

149 100

177 22.3 17.7 26.5

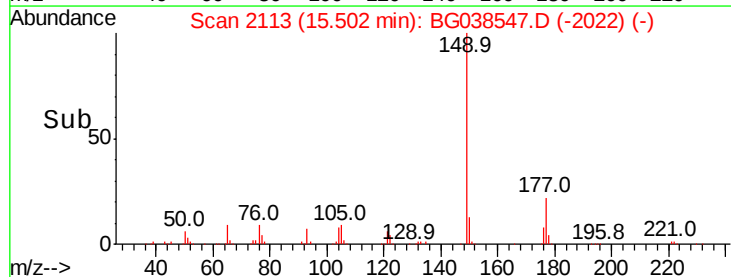
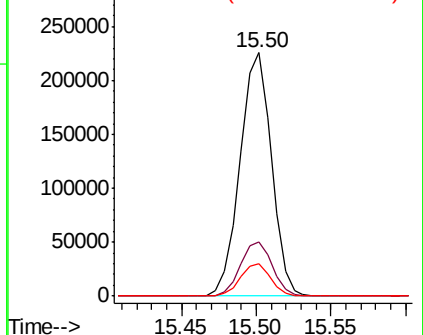
150 13.5 9.9 14.9

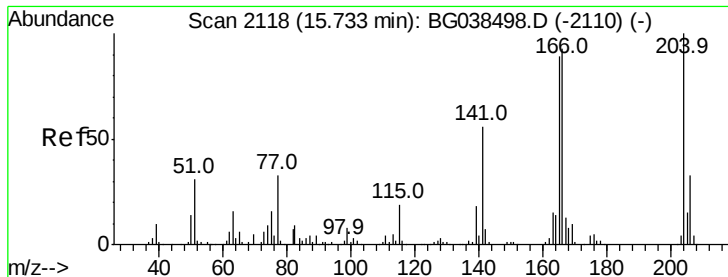


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



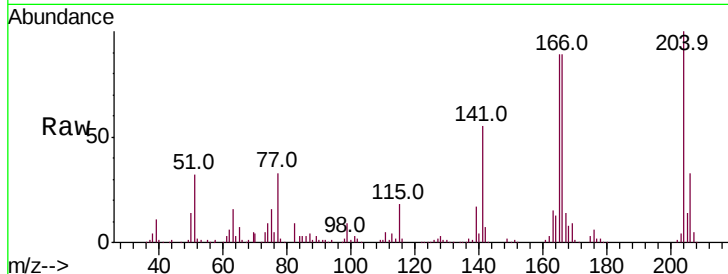


#61
4-Chlorophenyl-phenylether
Concen: 46.427 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.0	39.0
141	54.6	44.4	66.6

Manual Integrations
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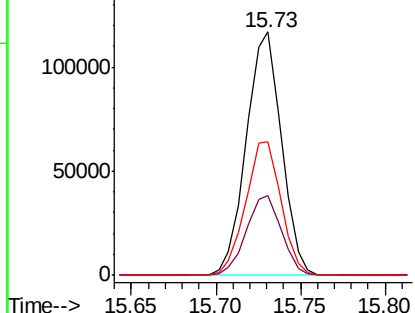
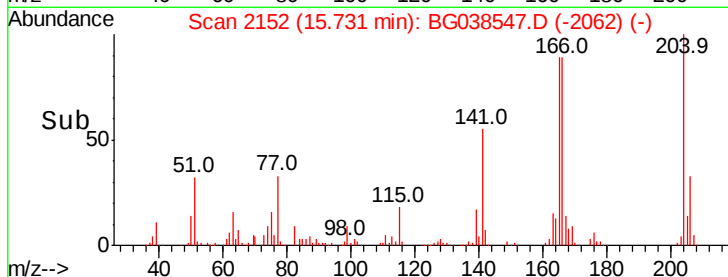


Abundance

Ion 204.00 (203.70 to 204.70): E

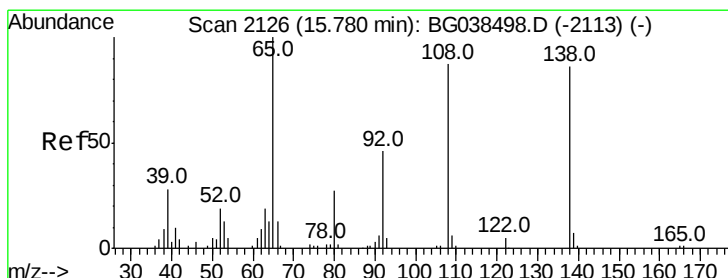
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



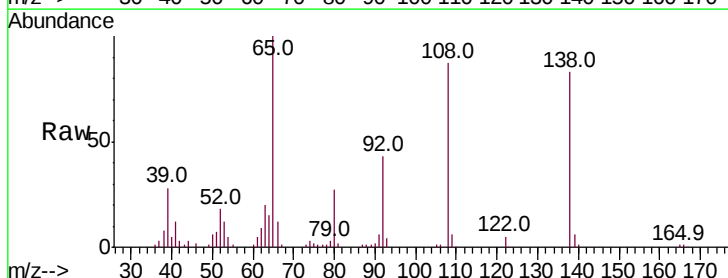
Sohil

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#62
4-Nitroaniline
Concen: 45.481 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.3	33.3	73.3
108	105.7	81.4	121.4

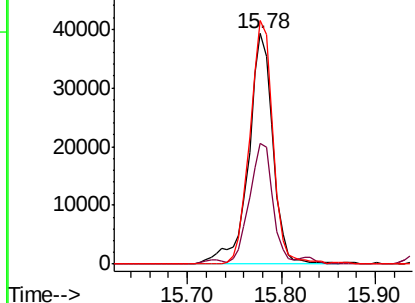
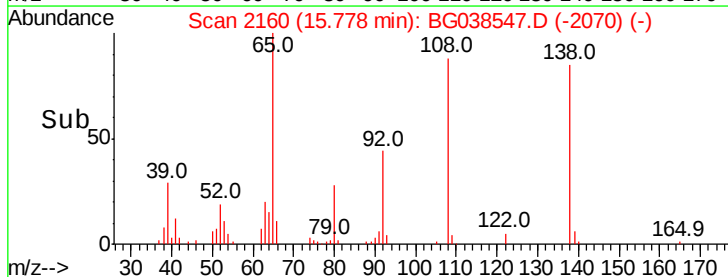


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63
Azobenzene
Concen: 48.330 ng
RT: 16.02 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

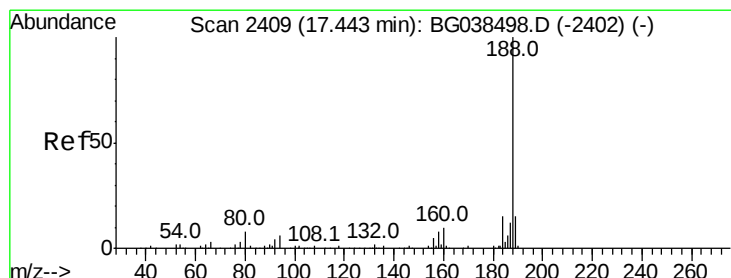
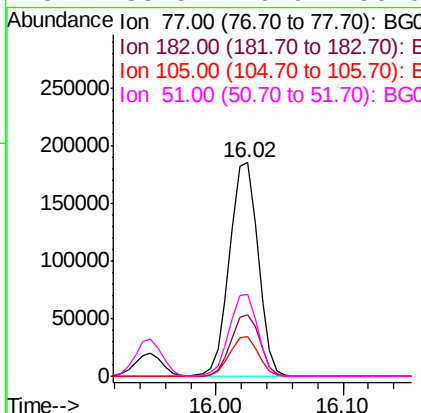
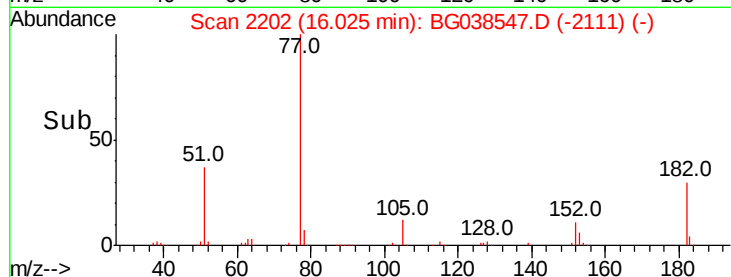
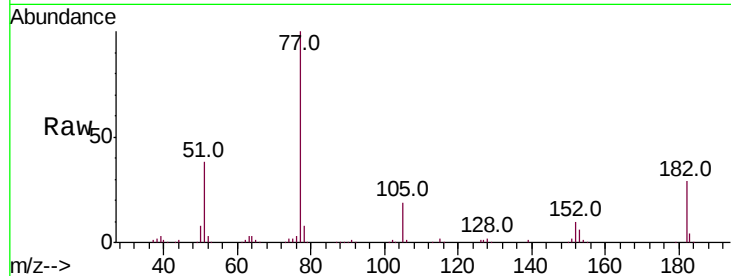
Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.0	8.7	48.7
105	18.9	0.0	38.7
51	38.5	16.6	56.6

Manual Integrations
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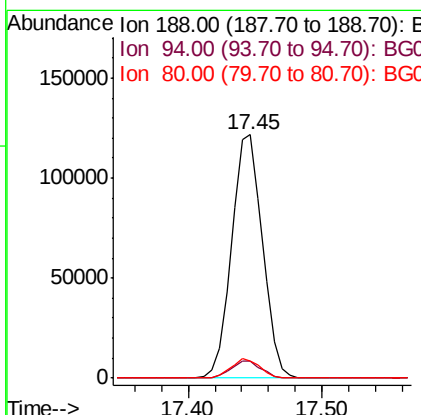
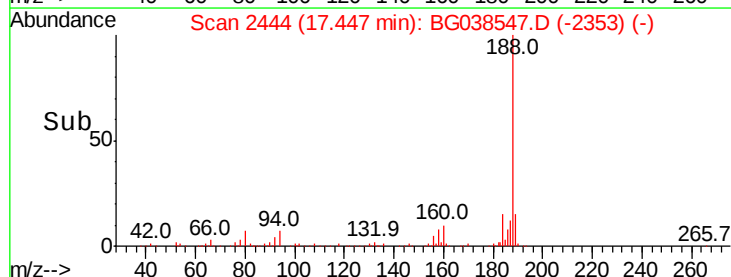
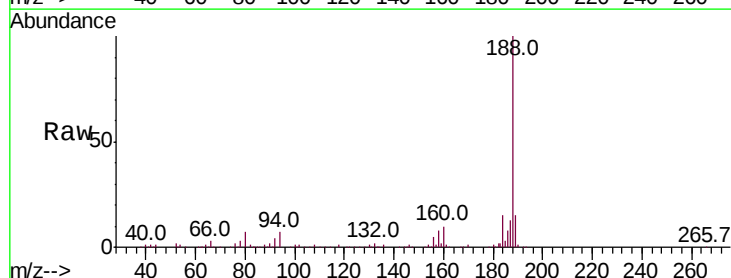
Sohil

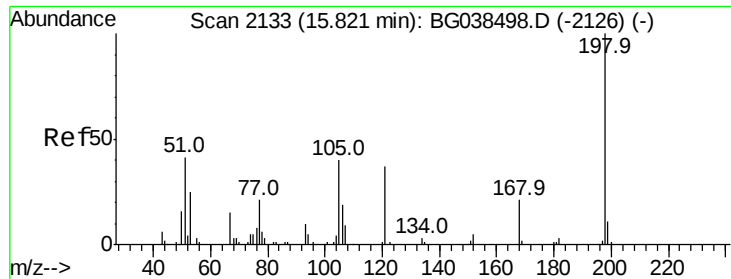
12/14/2018 12:56:35 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.1	7.7
80	6.9	6.1	9.1



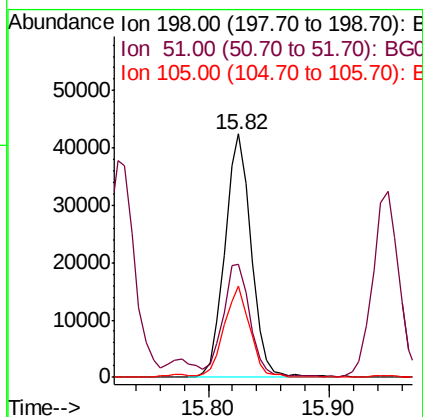
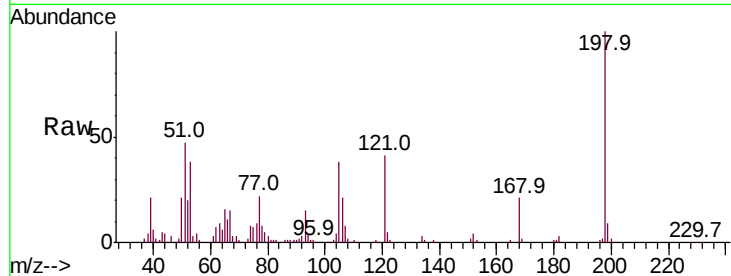


#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.150 ng
 RT: 15.82 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01MSD

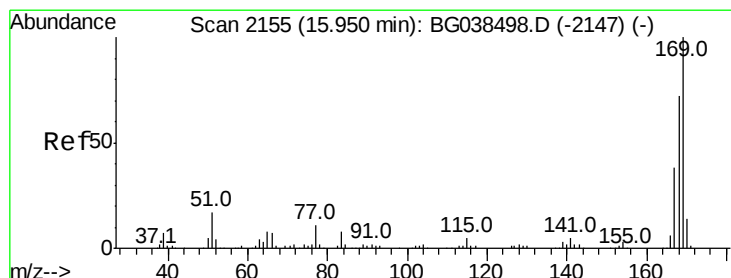
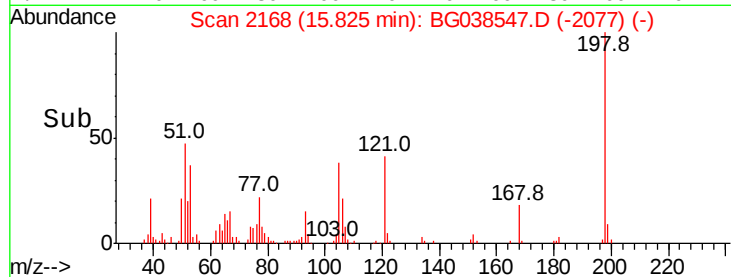
Tot Ion	Ratio	Lower	Upper
198	100		
51	46.6	28.6	68.6
105	37.7	20.4	60.4

Manual Integrations
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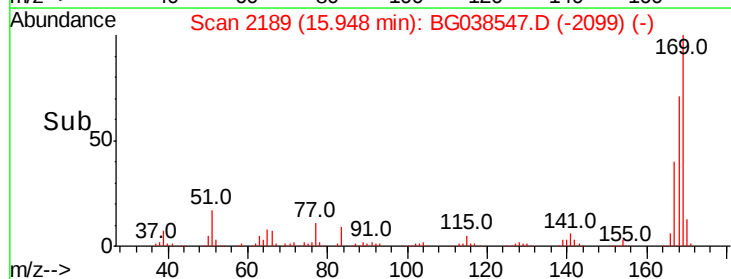
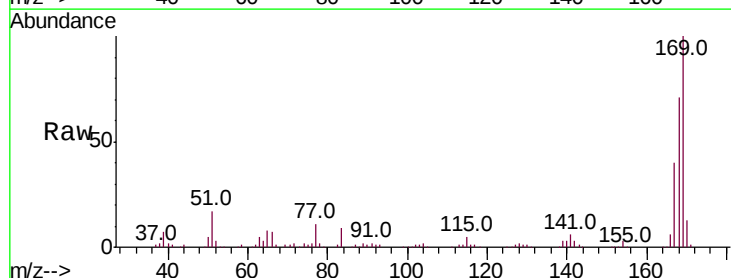
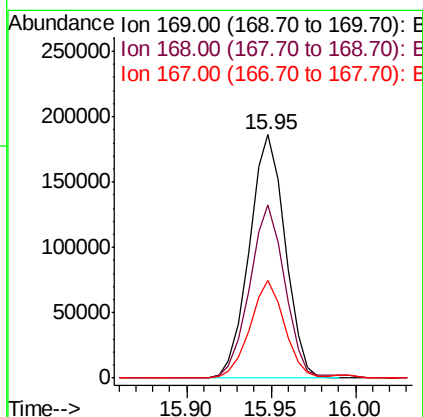
Sohil

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#66
 n-Nitrosodiphenylamine
 Concen: 48.073 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.0	57.5	86.3
167	39.9	30.2	45.2



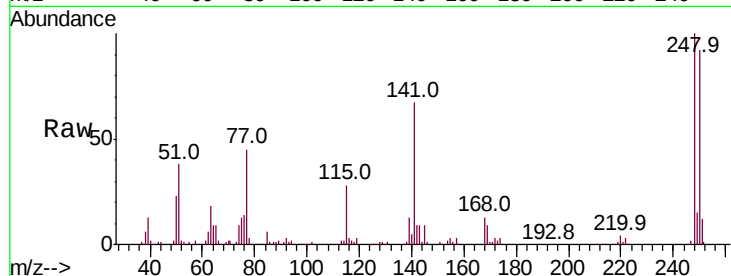


#67
 4-Bromophenyl-phenylether
 Concen: 47.679 ng
 RT: 16.62 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	92.1	73.4	110.2
141	67.4	52.9	79.3

Manual Integrations
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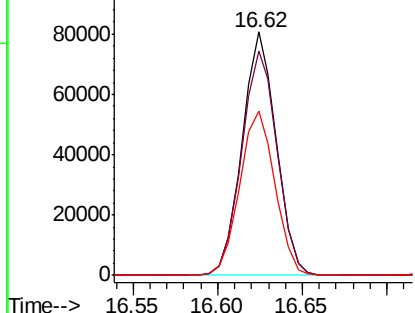
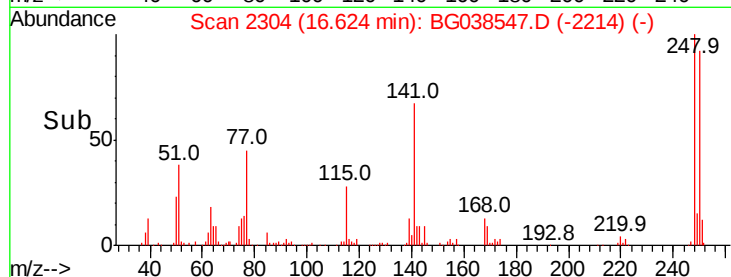


Abundance

Ion 248.00 (247.70 to 248.70): E

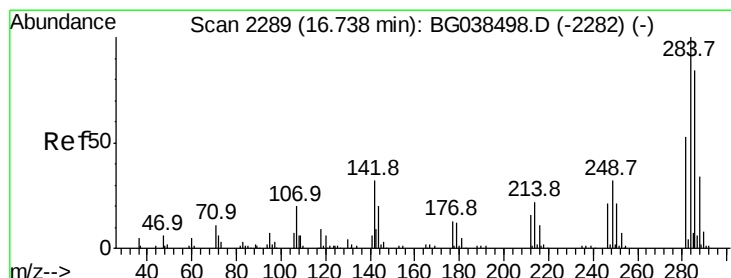
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



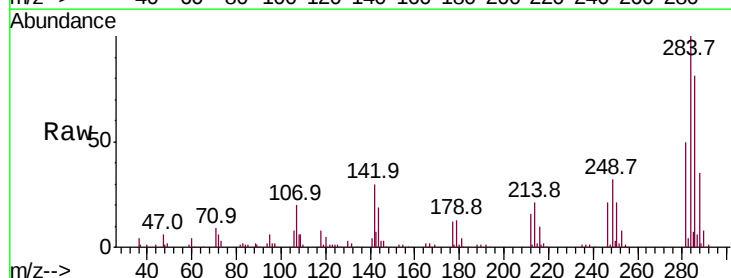
Sohil

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#68
 Hexachlorobenzene
 Concen: 47.687 ng
 RT: 16.74 min Scan# 2324
 Delta R.T. 0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.3	25.8	38.6
249	35.1	27.0	40.4

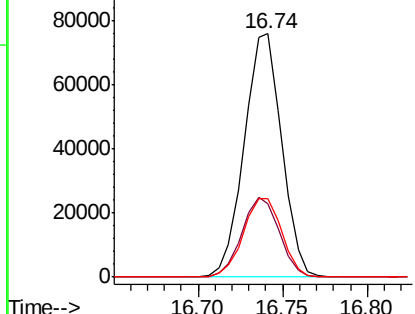
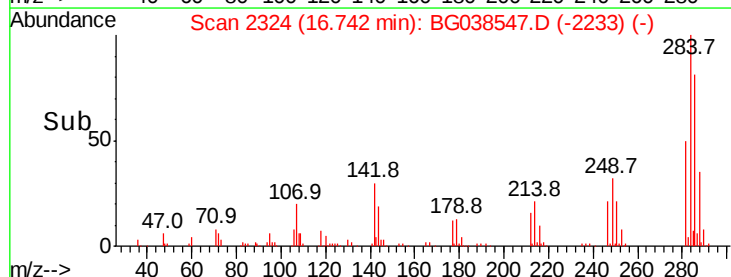


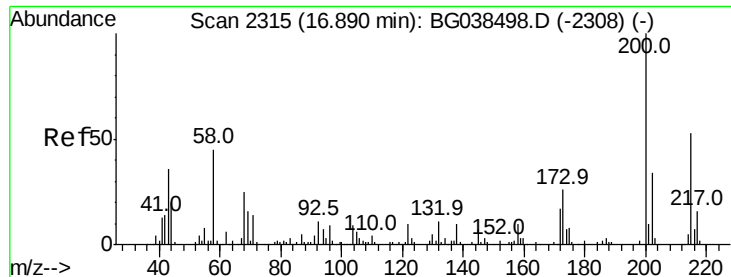
Abundance

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



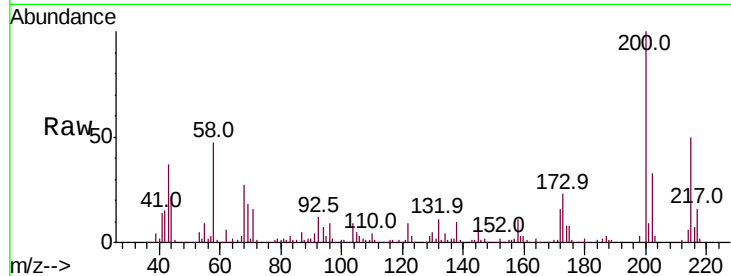


#69
Atrazine
Concen: 51.687 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.9	5.9	45.9
215	50.5	33.1	73.1

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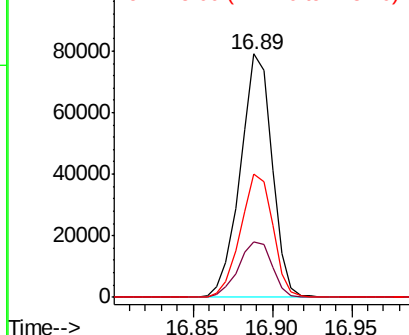


Abundance

Ion 200.00 (199.70 to 200.70): E

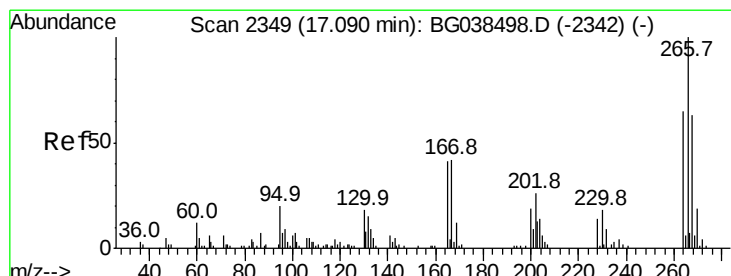
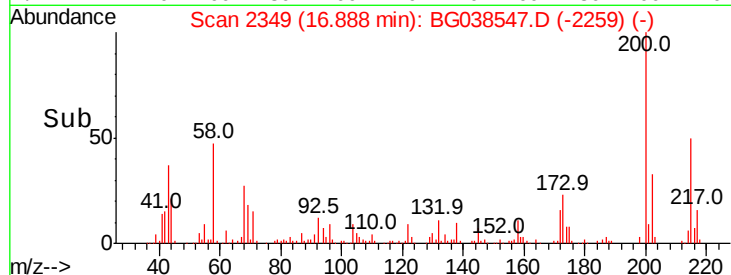
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



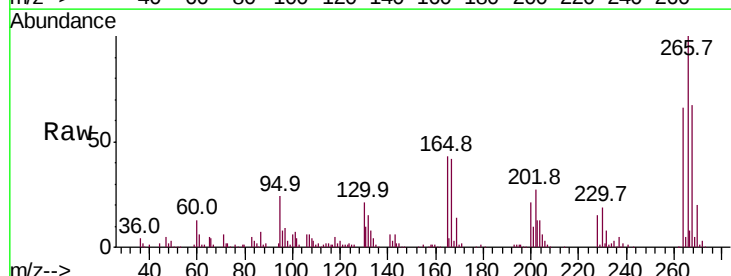
Sohil

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#70
Pentachlorophenol
Concen: 86.197 ng
RT: 17.09 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	71.7	55.0	82.6
264	70.9	56.7	85.1

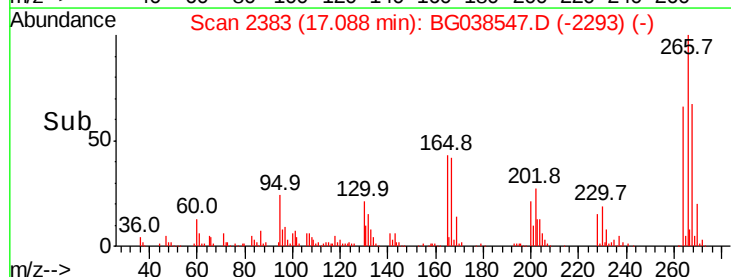
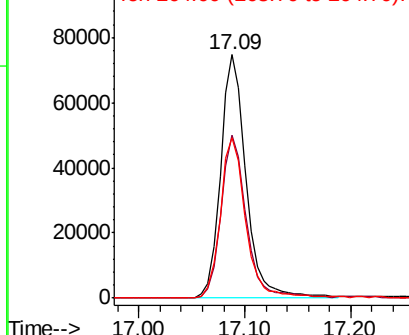


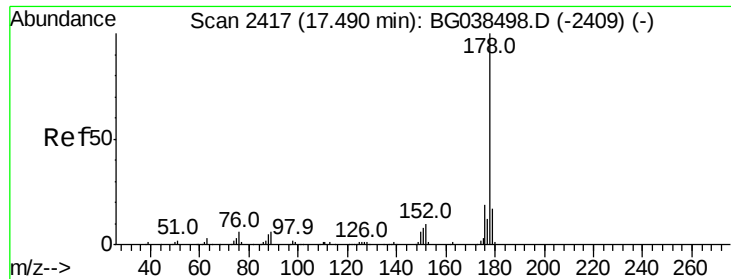
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



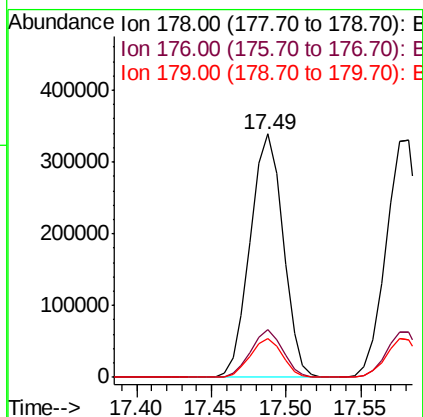
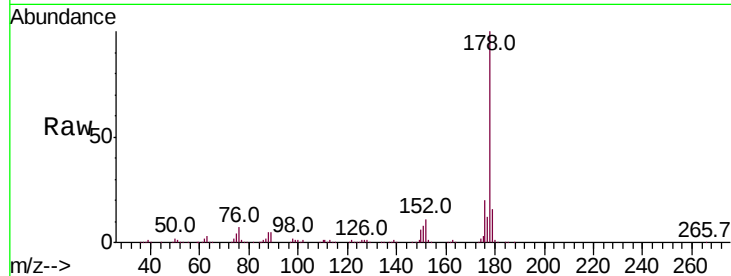


#71
Phenanthrene
Concen: 51.468 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

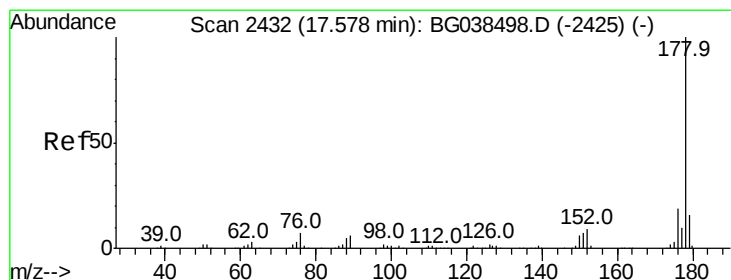
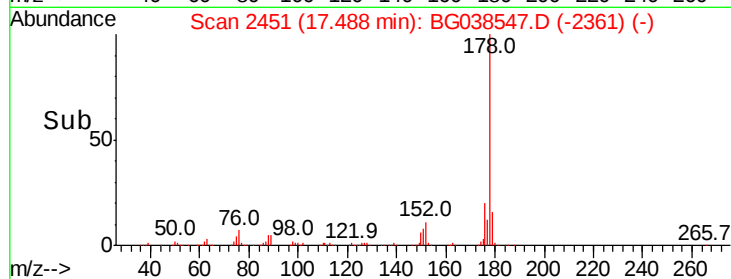
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.1	22.7
179	16.0	13.2	19.8

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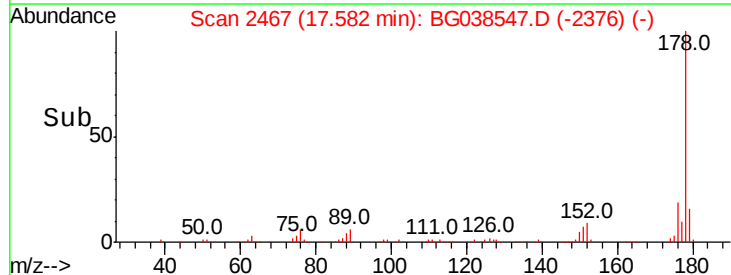
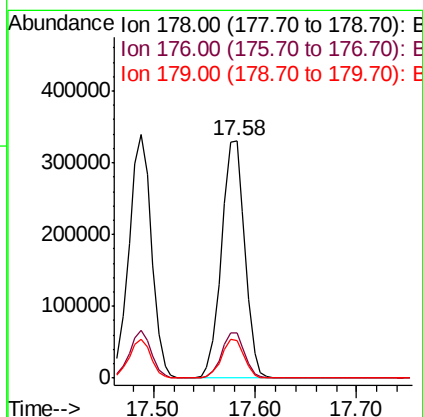
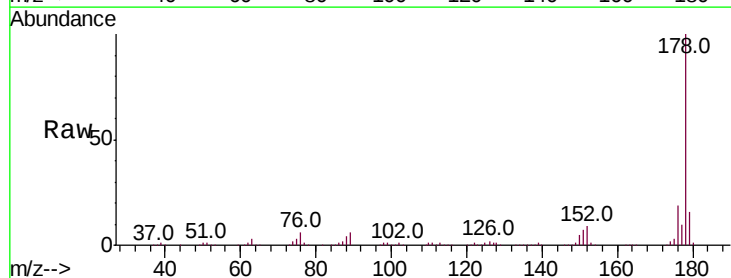
Sohil

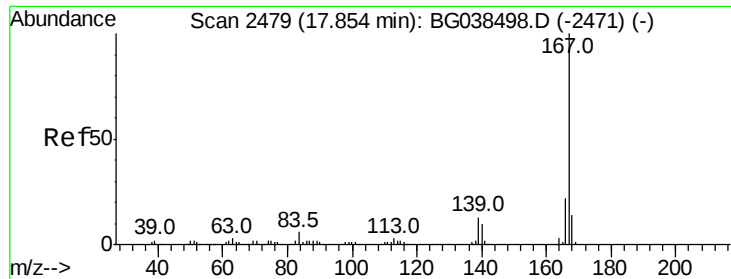
12/14/2018 12:56:35 PM



#72
Anthracene
Concen: 52.976 ng
RT: 17.58 min Scan# 2467
Delta R.T. 0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.7	12.9	19.3



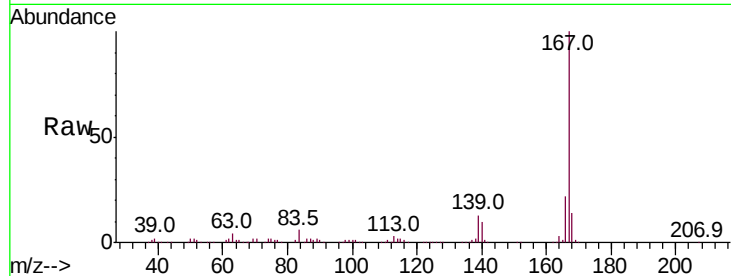


#73
 Carbazole
 Concen: 46.943 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

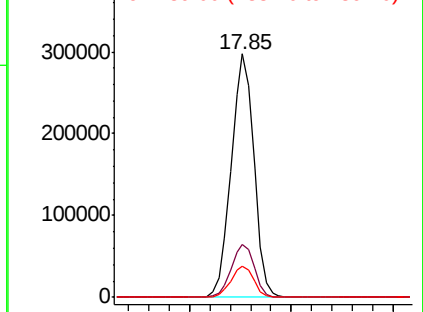
Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.9	26.9
139	12.9	10.2	15.2

Manual Integrations
 APPROVED

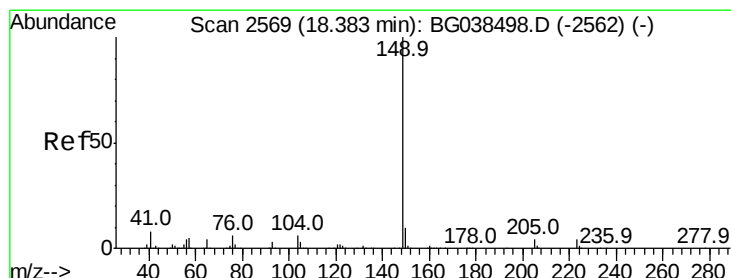
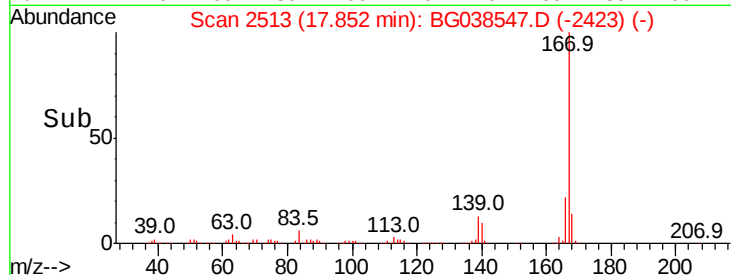


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



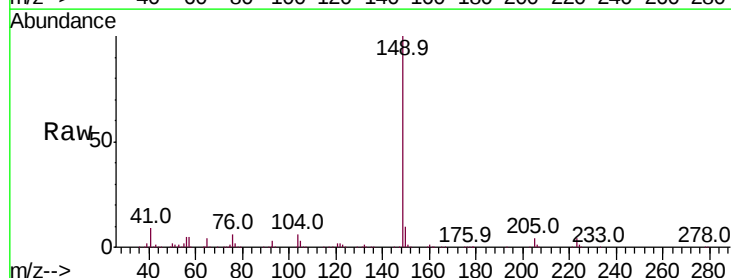
Sohil

12/14/2018 12:56:35 PM

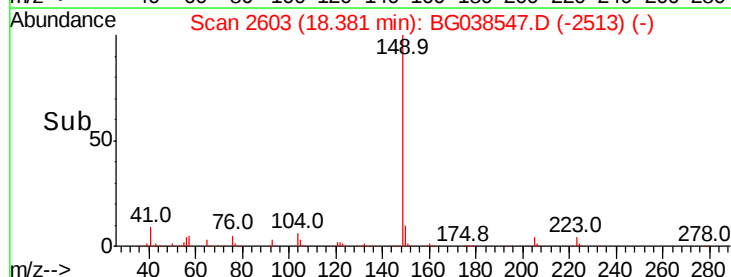
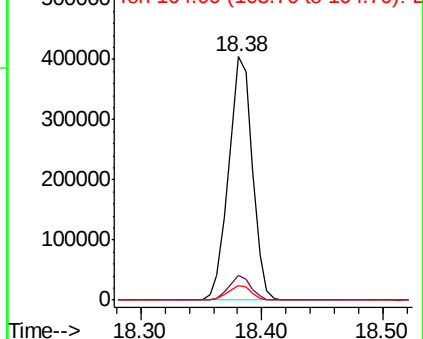


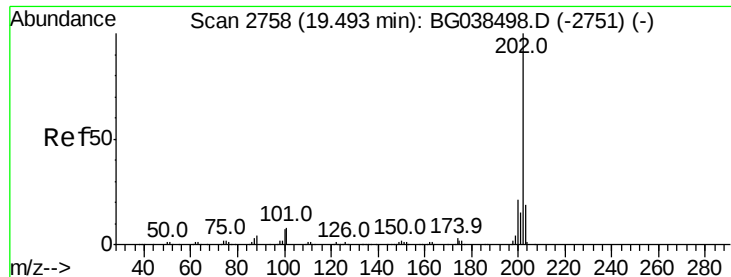
#74
 Di-n-butylphthalate
 Concen: 48.950 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.6	11.4
104	6.1	5.0	7.4



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





#75

Fluoranthene

Concen: 50.068 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

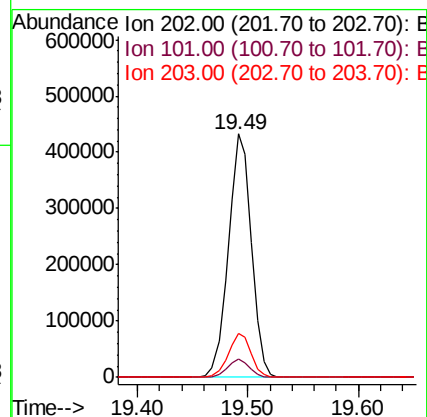
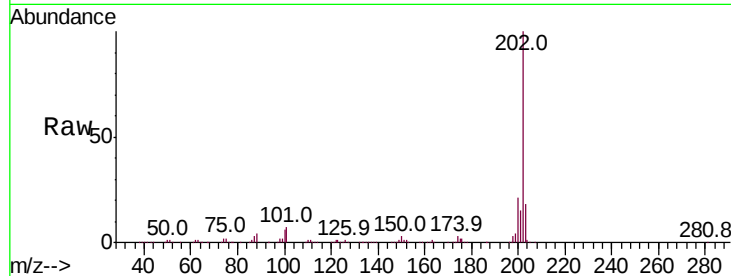
BNA_G

ClientSampleId :

P001-TW001-01MSD

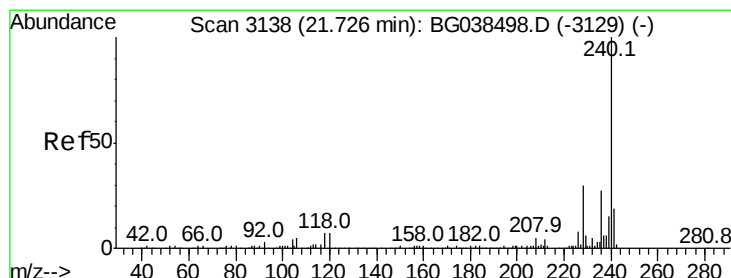
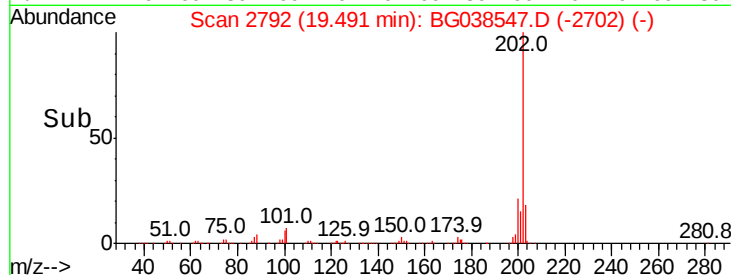
Tot Ion:	202	Resp:	624784
Ion Ratio	Lower	Upper	
202	100		
101	7.5	0.0	28.1
203	18.2	0.0	39.0

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#76

Chrysene-d12

Concen: 20.000 ng

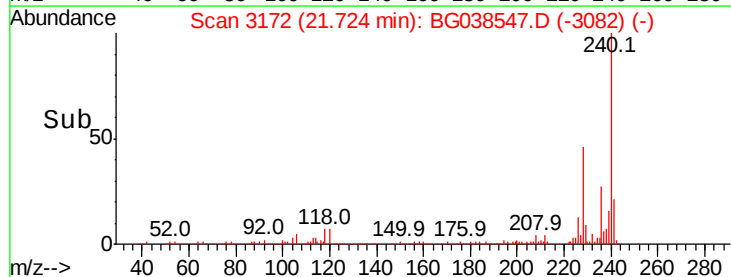
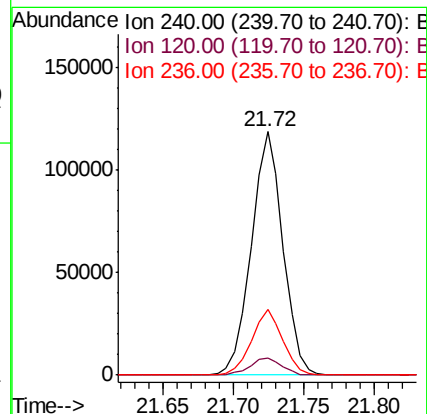
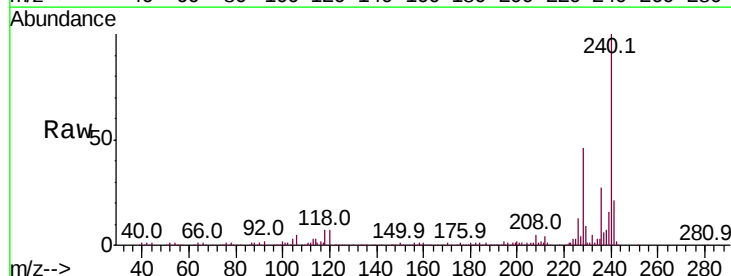
RT: 21.72 min Scan# 3172

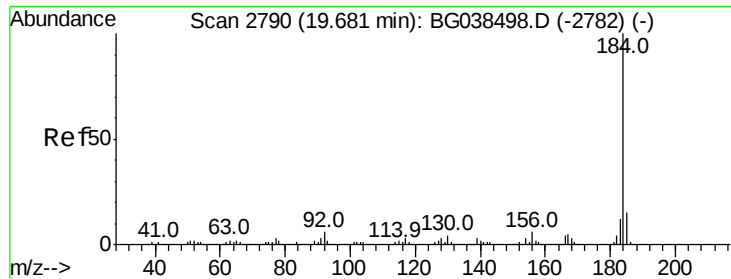
Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Tgt Ion:	240	Resp:	185527
Ion Ratio	Lower	Upper	
240	100		
120	7.1	5.3	7.9
236	27.1	21.4	32.2





#77

Benzidine

Concen: 52.777 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

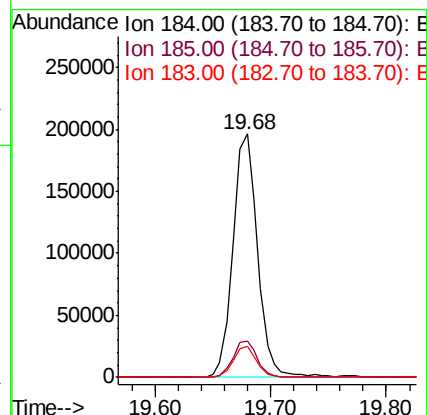
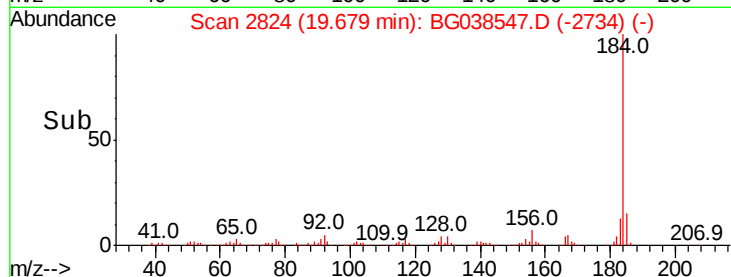
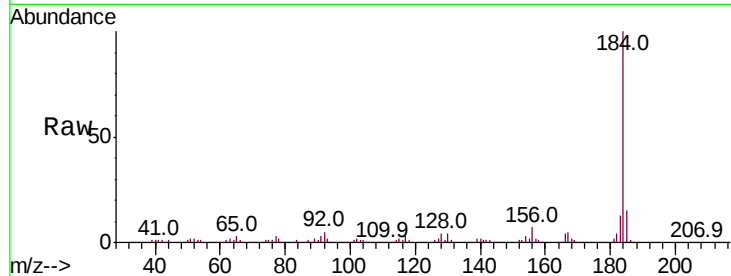
BNA_G

ClientSampleId :

P001-TW001-01MSD

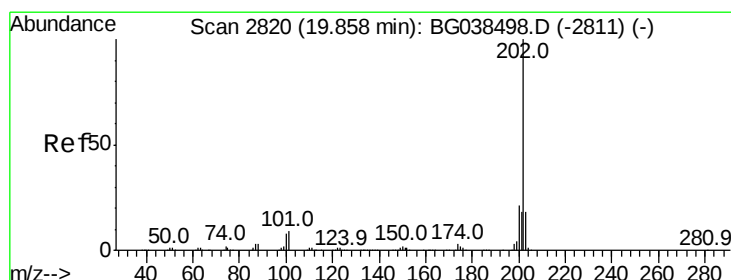
Tot Ion:	184	Resp:	289576
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.2	18.2
183	12.5	9.6	14.4

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#78

Pyrene

Concen: 50.884 ng

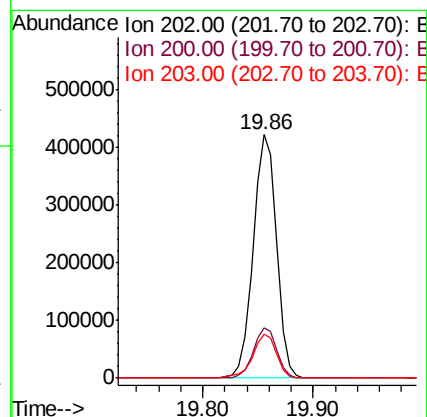
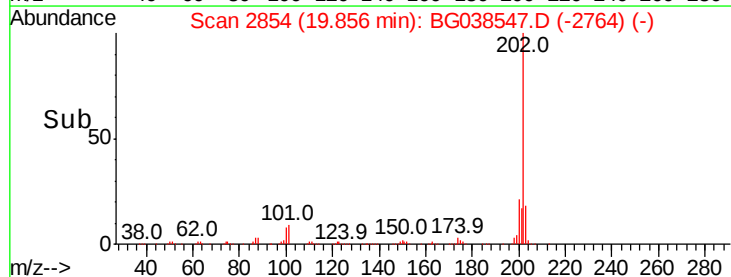
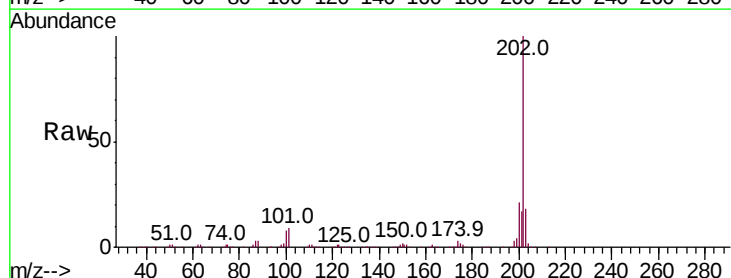
RT: 19.86 min Scan# 2854

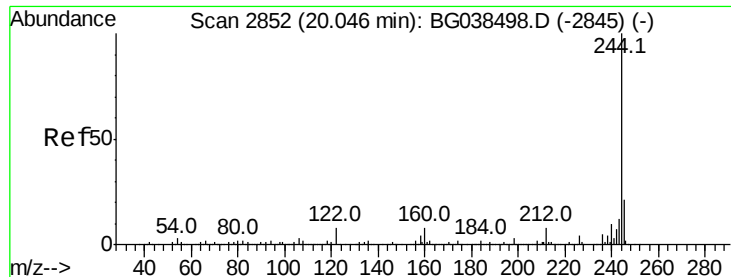
Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Tgt Ion:	202	Resp:	623655
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.6	25.0
203	18.1	14.6	21.8





#79

Terphenyl-d14

Concen: 96.743 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

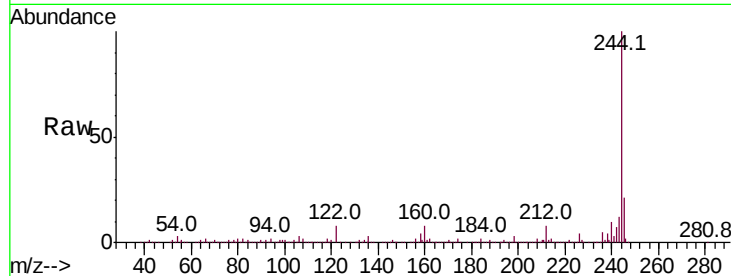
BNA_G

ClientSampleId :

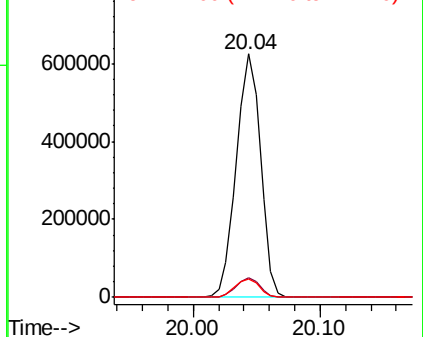
P001-TW001-01MSD

Tot Ion:	244	Resp:	824714
Ion Ratio	Lower	Upper	
244	100		
212	8.3	6.2	9.2
122	7.6	6.3	9.5

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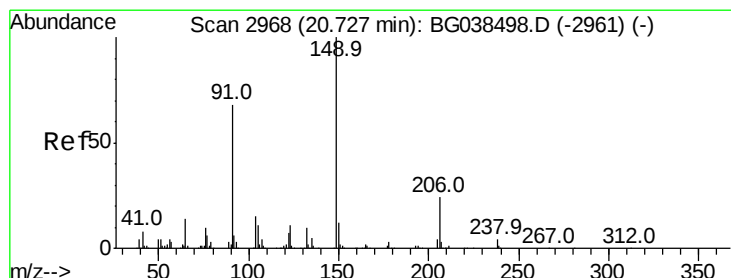
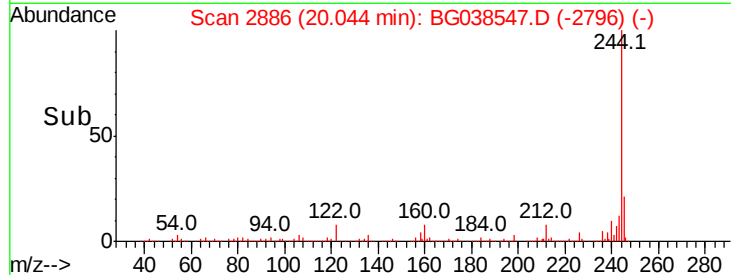


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



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#80

Butylbenzylphthalate

Concen: 51.518 ng

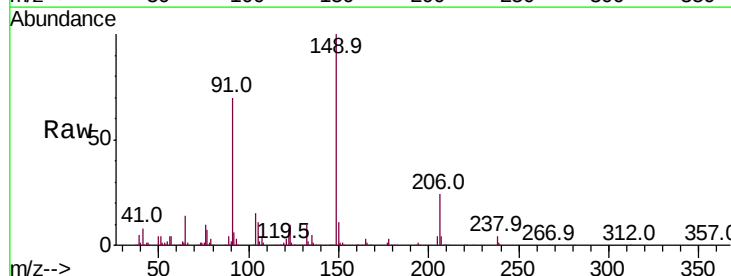
RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

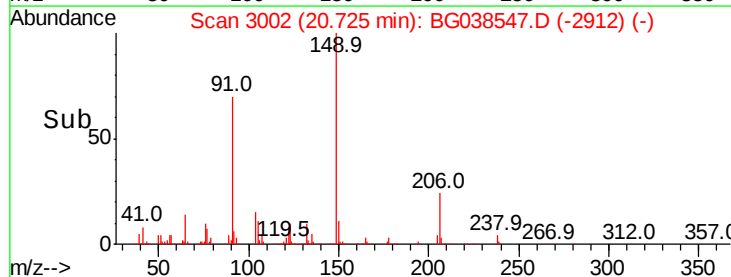
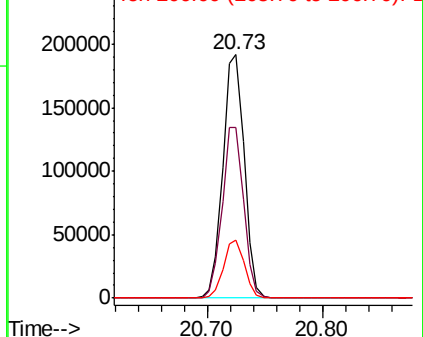
Lab File: BG038547.D

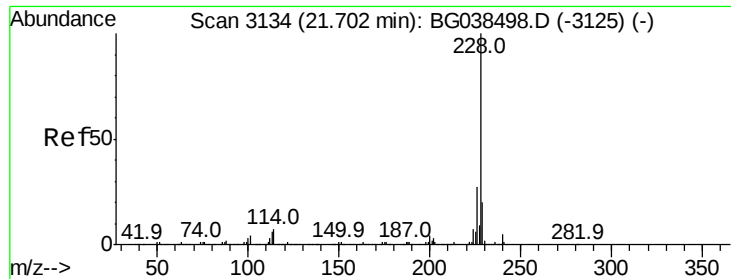
Acq: 14 Dec 2018 00:38

Tgt Ion:	149	Resp:	246692
Ion Ratio	Lower	Upper	
149	100		
91	70.1	54.5	81.7
206	23.6	19.0	28.6



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



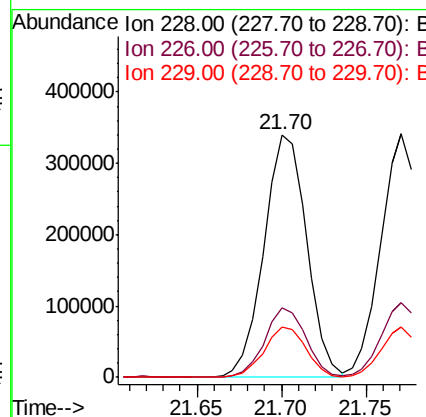
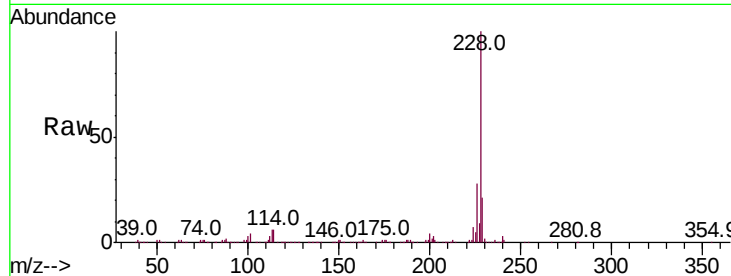


#81
Benzo(a)anthracene
Concen: 52.988 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

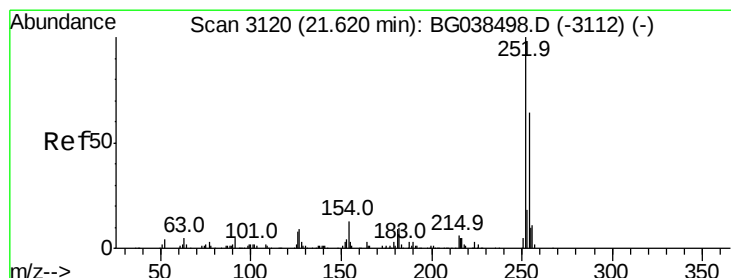
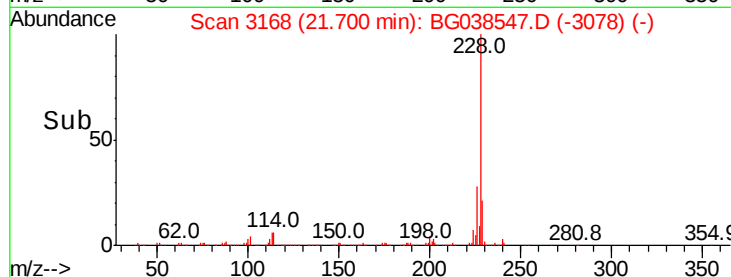
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.8	32.8
229	20.6	15.8	23.6

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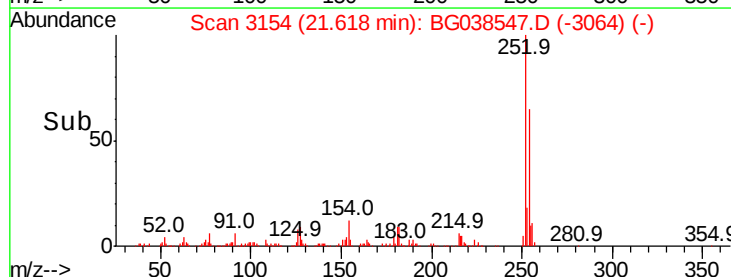
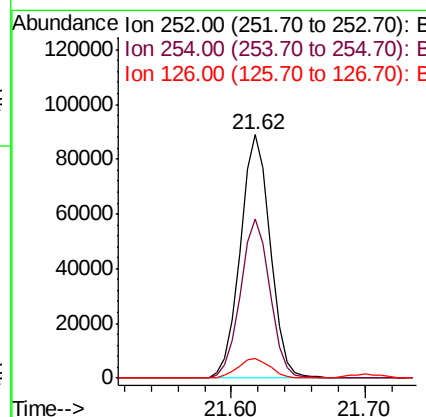
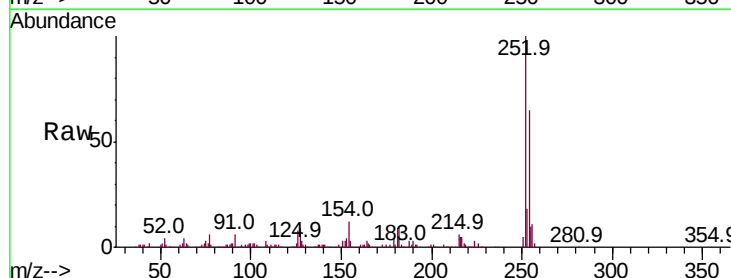
Sohil

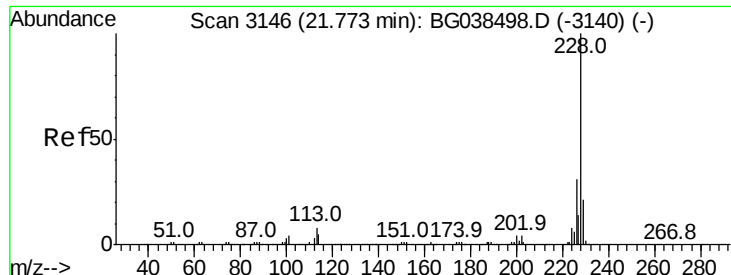
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#82
3,3'-Dichlorobenzidine
Concen: 30.769 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.9	76.3
126	8.2	6.3	9.5



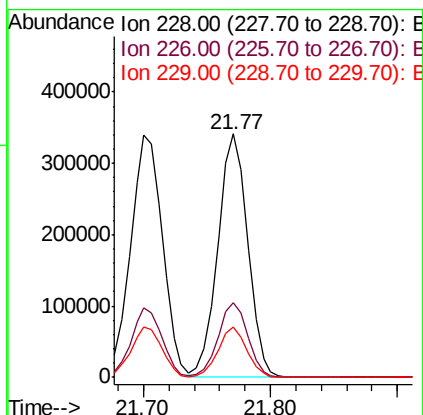
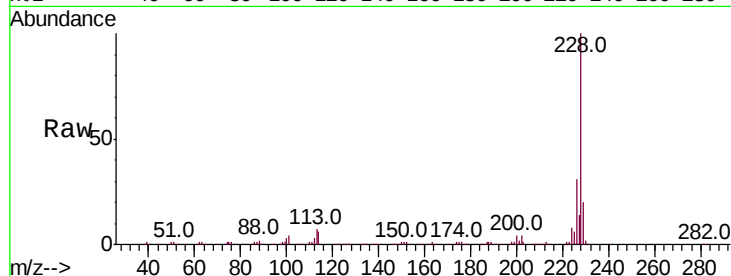


#83
 Chrysene
 Concen: 51.093 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01MSD

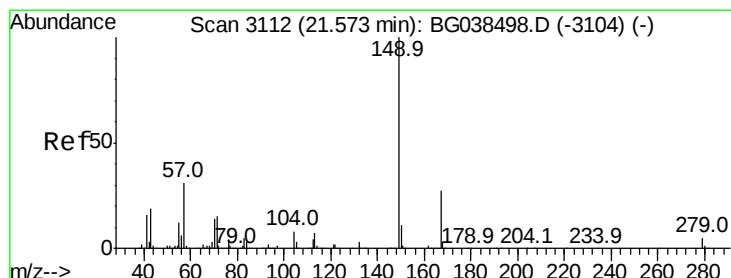
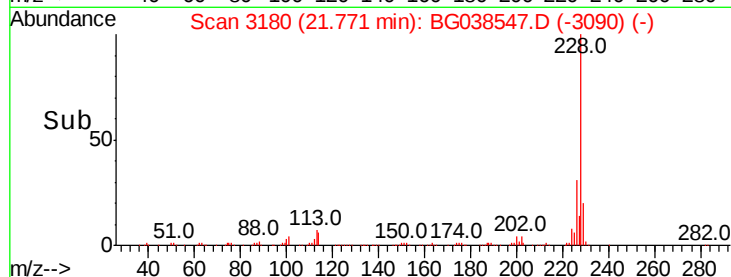
Tot Ion:	228	Resp:	556352
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.0	37.4
229	20.5	16.5	24.7

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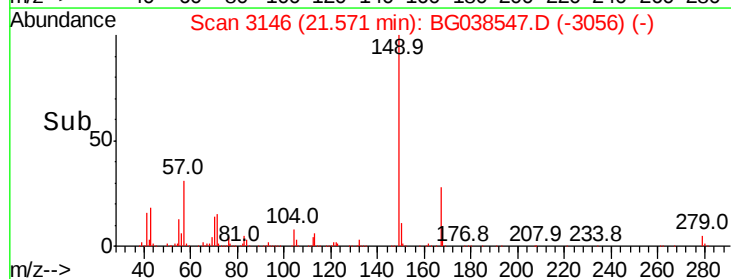
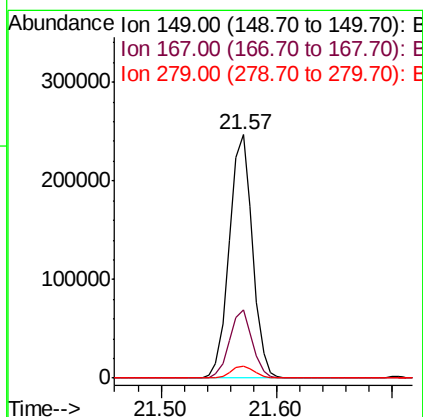
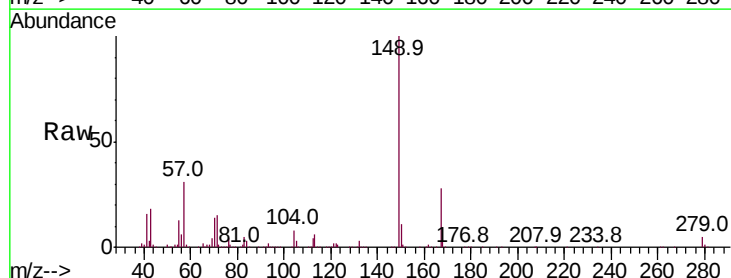
Sohil

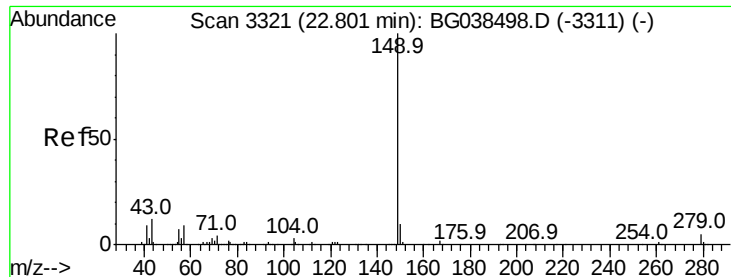
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.393 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Tgt Ion:	149	Resp:	342237
Ion Ratio	Lower	Upper	
149	100		
167	28.1	21.9	32.9
279	5.0	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 51.494 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

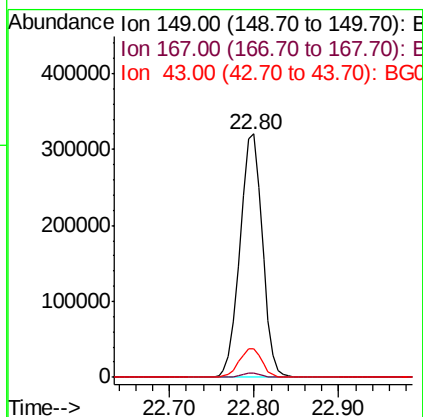
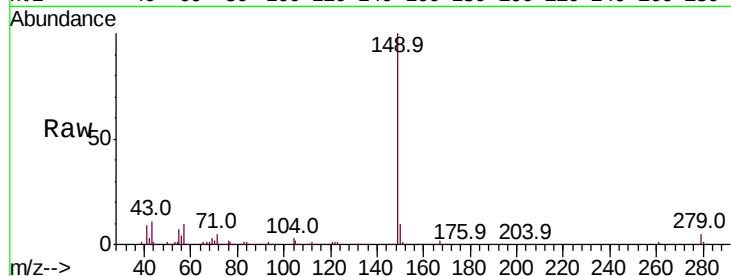
BNA_G

ClientSampleId :

P001-TW001-01MSD

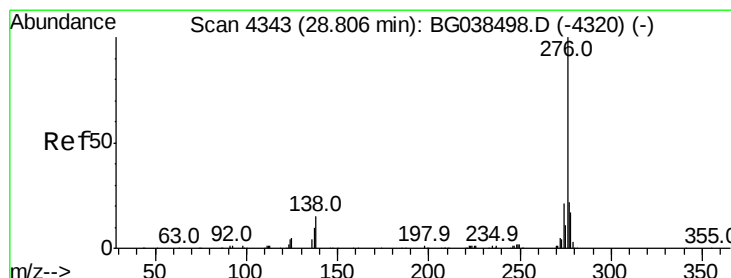
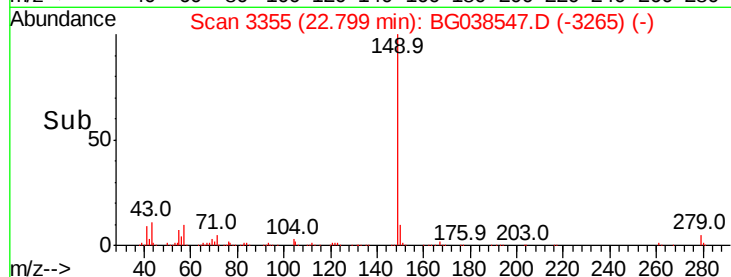
Tot Ion:	149	Resp:	585685
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.8	9.3	13.9

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 54.226 ng

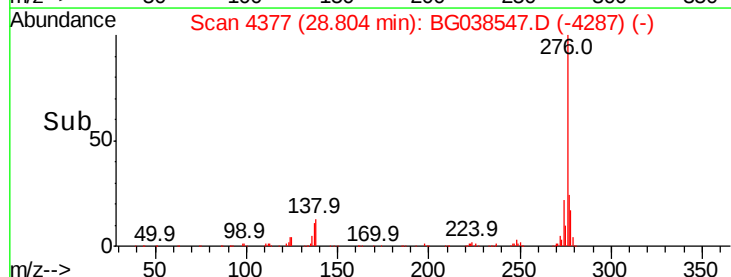
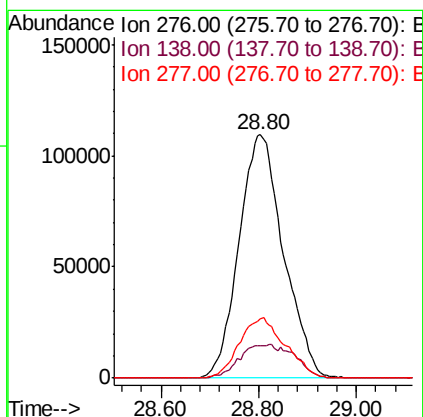
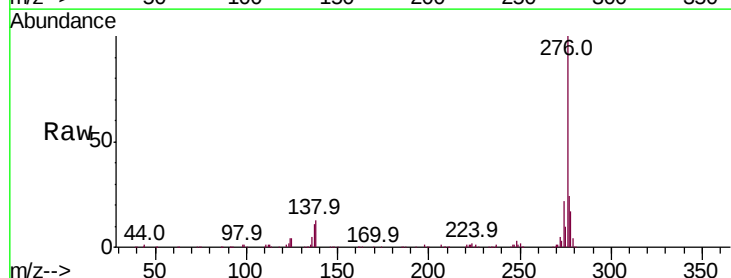
RT: 28.80 min Scan# 4377

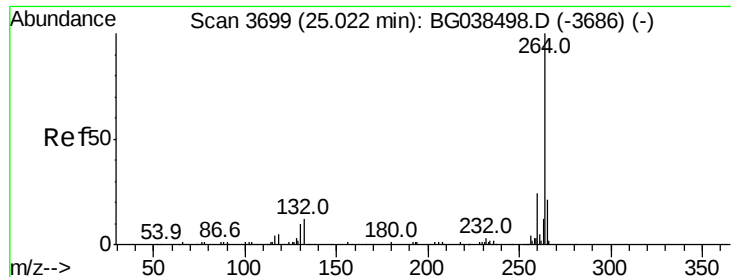
Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Tgt Ion:	276	Resp:	694190
Ion Ratio	Lower	Upper	
276	100		
138	7.0	14.4	21.6#
277	25.5	0.0	0.0#



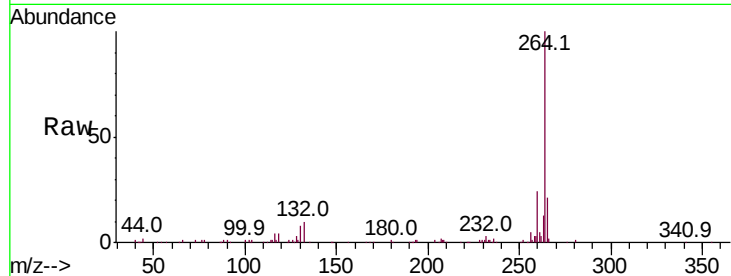


#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3733
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

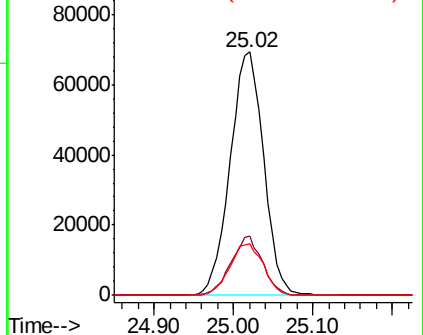
Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01MSD

Tot Ion:	264	Resp:	202437
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.9	28.3
265	21.1	17.0	25.4

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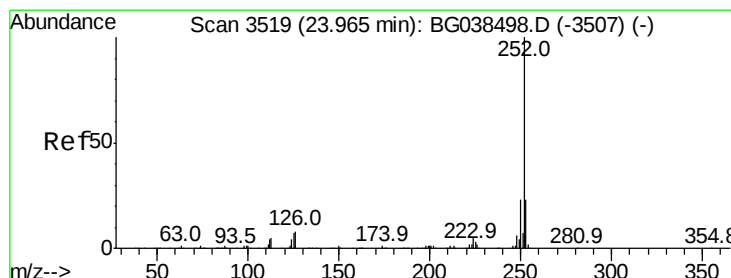
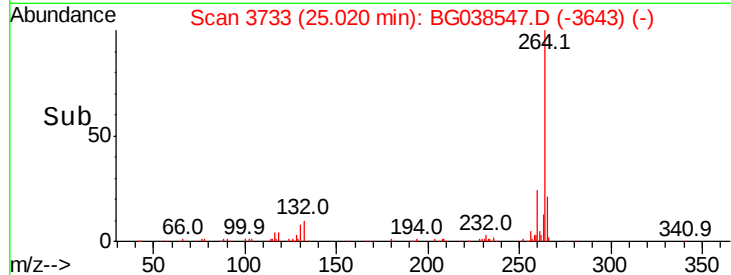


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



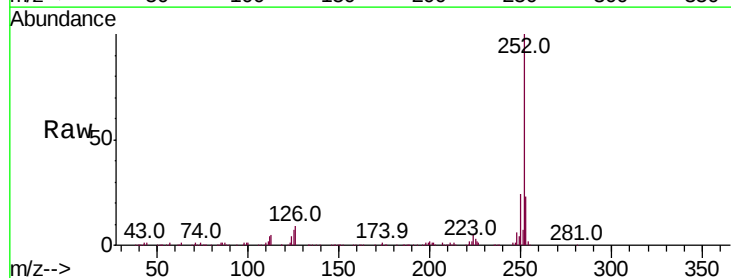
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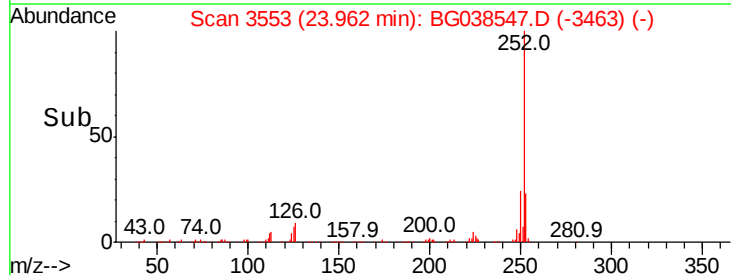
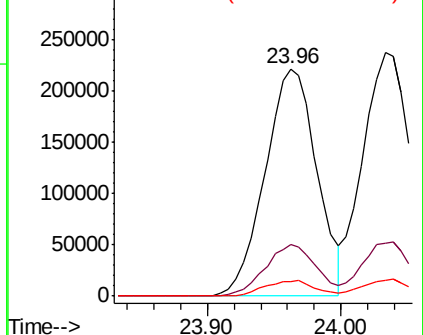


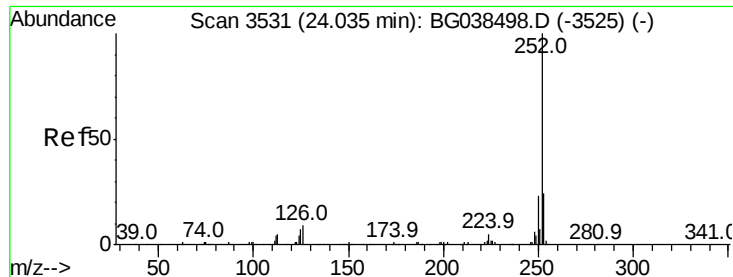
#88
 Benzo(b)fluoranthene
 Concen: 53.578 ng
 RT: 23.96 min Scan# 3553
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Tgt Ion:	252	Resp:	595503
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.1	27.1
125	6.6	5.5	8.3



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





#89

Benzo(k)fluoranthene

Concen: 52.439 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

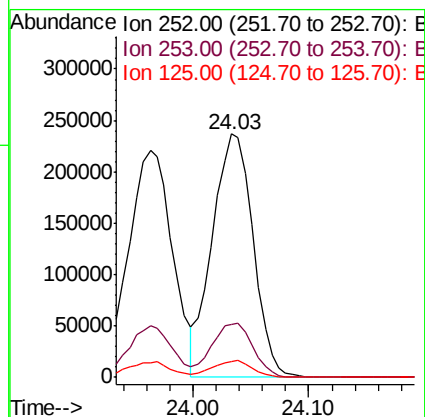
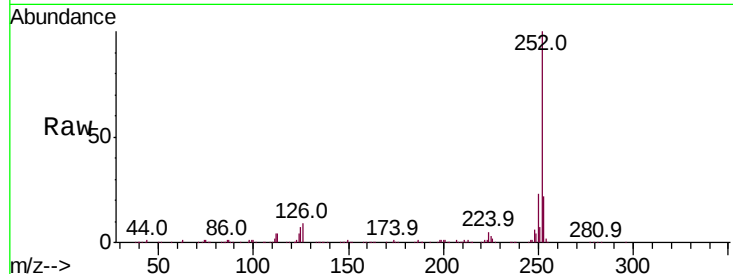
BNA_G

ClientSampleId :

P001-TW001-01MSD

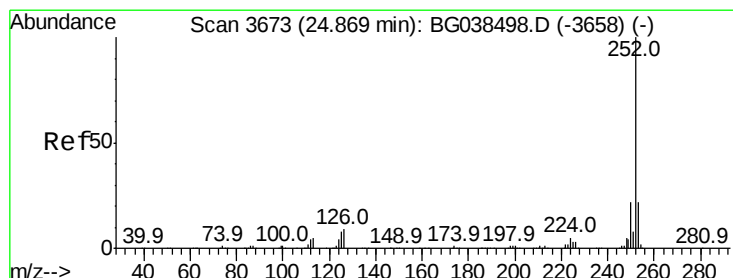
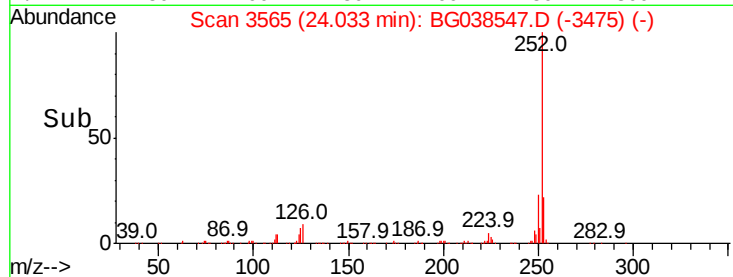
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.9	28.3
125	6.6	5.4	8.2

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 53.646 ng

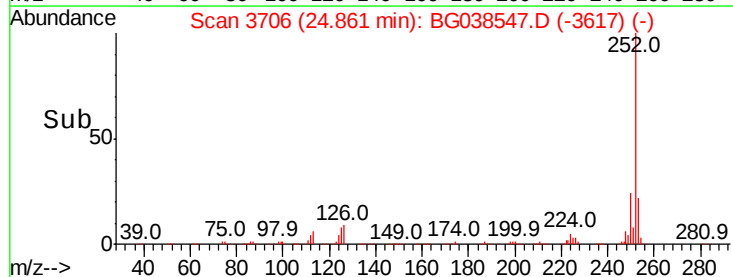
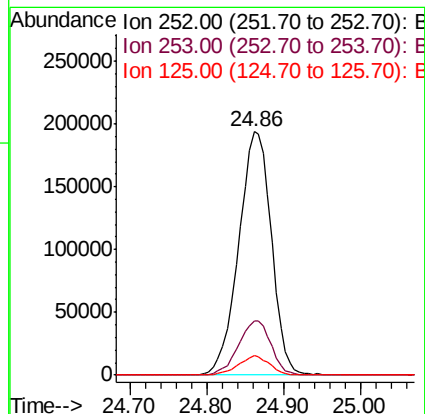
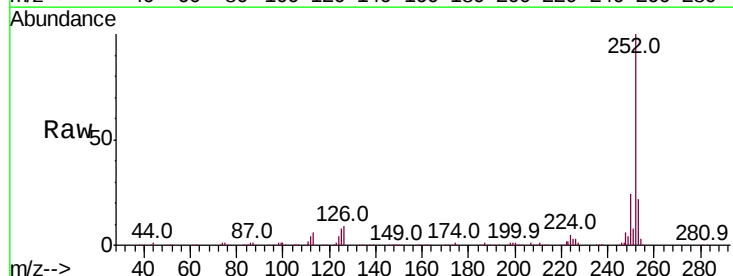
RT: 24.86 min Scan# 3706

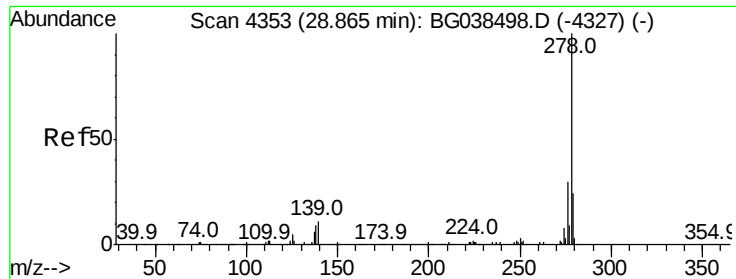
Delta R.T. -0.01 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	7.9	6.4	9.6



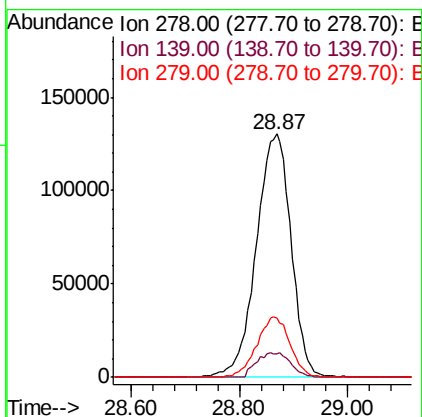
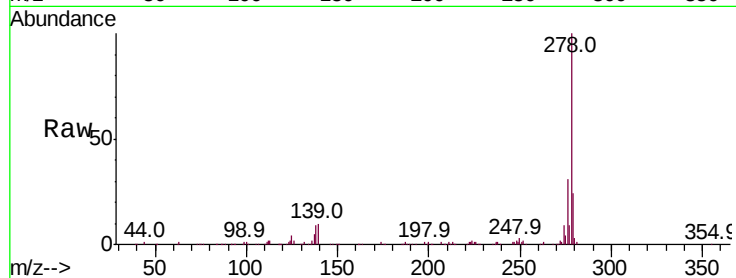


#91
Dibenzo(a,h)anthracene
Concen: 54.231 ng
RT: 28.87 min Scan# 4388
Delta R.T. 0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

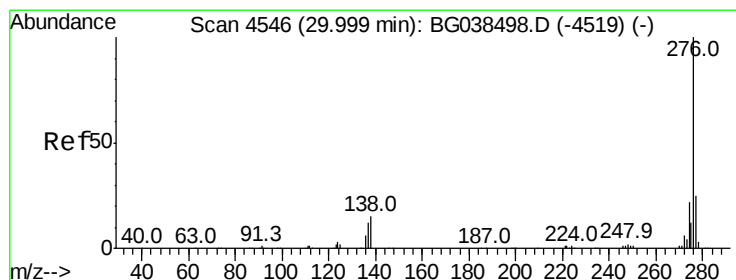
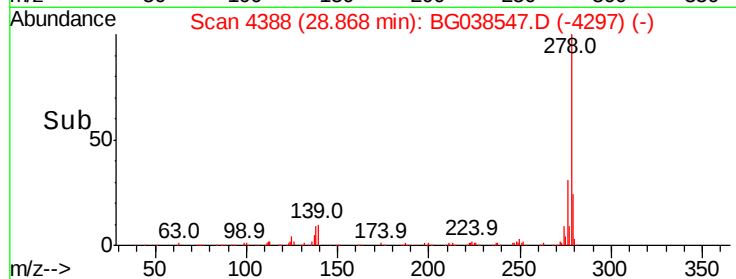
Tot Ion	Ratio	Lower	Upper
278	100		
139	9.6	8.6	12.8
279	24.3	19.0	28.6

Manual Integrations
APPROVED



Sohil

12/14/2018 12:56:35 PM



#92
Benzo(g,h,i)perylene
Concen: 54.716 ng
RT: 30.00 min Scan# 4580
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.8	29.8
138	13.8	11.8	17.6

