

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037192.D
 Acq On : 5 Oct 2018 16:27
 Operator : JU/SJ
 Sample : PB113546BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113546BS

Manual Integrations
 APPROVED

Quant Time: Oct 05 17:15:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	40590	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	189192	20.00	ng	-0.02
38) Acenaphthene-d10	14.65	164	128706	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	339641	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	342324	20.00	ng	-0.02
86) Perylene-d12	24.87	264	322947	20.00	ng	-0.04

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System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	289328	136.70	ng	-0.01
7) Phenol-d6	7.20	99	407454	124.43	ng	-0.01
23) Nitrobenzene-d5	9.20	82	258123	73.06	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	178136	115.68	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	588794	68.14	ng	-0.02
78) Terphenyl-d14	20.01	244	1047895	80.49	ng	-0.02

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Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	38981	40.250	ng	95
3) Pyridine	3.91	79	104815	37.482	ng	98
4) n-Nitrosodimethylamine	3.82	42	60848	48.957	ng	# 91
6) Aniline	7.36	93	144837	34.087	ng	97
8) 2-Chlorophenol	7.60	128	119840	48.765	ng	93
9) Benzaldehyde	7.17	77	54434	25.157	ng	97
10) Phenol	7.22	94	166811	49.359	ng	93
11) bis(2-Chloroethyl)ether	7.45	93	122808	39.284	ng	99
12) 1,3-Dichlorobenzene	7.92	146	120799	40.094	ng	100
13) 1,4-Dichlorobenzene	8.07	146	121071	39.267	ng	99
14) 1,2-Dichlorobenzene	8.38	146	118940	39.807	ng	97
15) Benzyl Alcohol	8.27	79	112366	42.290	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	250552	41.747	ng	98
17) 2-Methylphenol	8.47	107	111135	47.209	ng	96
18) Hexachloroethane	9.11	117	48039	42.339	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	105618	38.772	ng	98
20) 3+4-Methylphenols	8.80	107	153599	46.901	ng	97
22) Acetophenone	8.85	105	176864	39.781	ng	# 98
24) Nitrobenzene	9.24	77	152701	40.474	ng	99
25) Isophorone	9.75	82	301136	46.649	ng	99
26) 2-Nitrophenol	9.95	139	64498	42.889	ng	96
27) 2,4-Dimethylphenol	10.00	122	118728	50.684	ng	96
28) bis(2-Chloroethoxy)methane	10.24	93	168622	42.332	ng	99
29) 2,4-Dichlorophenol	10.48	162	128690	47.390	ng	95
30) 1,2,4-Trichlorobenzene	10.70	180	128108	37.697	ng	92
31) Naphthalene	10.88	128	382728	42.516	ng	99
32) Benzoic acid	10.16	122	53191	31.863	ng	94
33) 4-Chloroaniline	11.00	127	115421	28.200	ng	98
34) Hexachlorobutadiene	11.16	225	86734	36.906	ng	99
35) Caprolactam	11.77	113	51322m	45.919	ng	
36) 4-Chloro-3-methylphenol	12.11	107	151879	46.874	ng	96
37) 2-Methylnaphthalene	12.49	142	295267	43.067	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	164613	36.670	ng	99
40) Hexachlorocyclopentadiene	12.83	237	169776	73.537	ng	99

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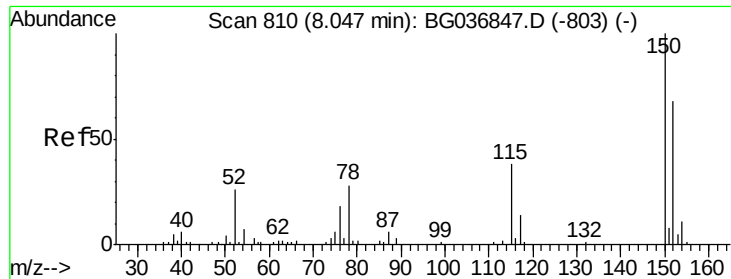
Instrument :
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	108233	43.419	nq	100
43) 2,4,5-Trichlorophenol	13.17	196	122300	46.011	nq	98
45) 1,1'-Biphenyl	13.49	154	387379	39.300	nq	98
46) 2-Chloronaphthalene	13.54	162	296371	38.233	nq	98
47) 2-Nitroaniline	13.74	65	123997	46.247	nq	95
48) Acenaphthylene	14.38	152	515007	42.398	nq	99
49) Dimethylphthalate	14.11	163	421212	40.658	nq	100
50) 2,6-Dinitrotoluene	14.23	165	94556	41.832	nq	96
51) Acenaphthene	14.72	154	293346	39.958	nq	99
52) 3-Nitroaniline	14.57	138	77919	32.713	nq	95
53) 2,4-Dinitrophenol	14.77	184	88393	83.114	nq	93
54) Dibenzofuran	15.05	168	497583	40.070	nq	98
55) 4-Nitrophenol	14.88	139	151136	99.325	nq	98
56) 2,4-Dinitrotoluene	15.02	165	138619	43.949	nq	93
57) Fluorene	15.71	166	405675	43.708	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.28	232	124685	46.240	nq	99
59) Diethylphthalate	15.47	149	432694	41.410	nq	99
60) 4-Chlorophenyl-phenylether	15.69	204	222548	37.862	nq	99
61) 4-Nitroaniline	15.73	138	106557	42.531	nq	93
62) Azobenzene	15.99	77	444059	44.229	nq	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	76562	43.117	nq	99
65) n-Nitrosodiphenylamine	15.91	169	372822	39.761	nq	97
66) 4-Bromophenyl-phenylether	16.59	248	143874	37.242	nq	98
67) Hexachlorobenzene	16.71	284	146160	36.734	nq	99
68) Atrazine	16.86	200	151452	39.891	nq	99
69) Pentachlorophenol	17.05	266	168605	67.305	nq	98
70) Phenanthrene	17.44	178	690685	42.200	nq	99
71) Anthracene	17.54	178	713780	44.104	nq	99
72) Carbazole	17.81	167	633831	40.168	nq	99
73) Di-n-butylphthalate	18.36	149	758277	43.272	nq	100
74) Fluoranthene	19.45	202	844708	42.875	nq	99
76) Benzidine	19.64	184	308773	29.838	nq	98
77) Pyrene	19.81	202	828800	40.346	nq	100
79) Butylbenzylphthalate	20.69	149	352571	43.059	nq	96
80) Benzo(a)anthracene	21.65	228	821073	41.089	nq	100
81) 3,3'-Dichlorobenzidine	21.56	252	238970	31.417	nq	96
82) Chrysene	21.72	228	785222	40.669	nq	100
83) Bis(2-ethylhexyl)phthalate	21.55	149	488631	42.718	nq	99
84) Di-n-octyl phthalate	22.75	149	821257	43.607	nq	99
85) Indeno(1,2,3-cd)pyrene	28.51	276	898698	43.346	nq	# 97
87) Benzo(b)fluoranthene	23.85	252	793830	46.124	nq	97
88) Benzo(k)fluoranthene	23.92	252	783383	45.369	nq	99
89) Benzo(a)pyrene	24.71	252	778802	46.806	nq	100
90) Dibenzo(a,h)anthracene	28.56	278	736447	47.226	nq	98
91) Benzo(g,h,i)perylene	29.65	276	742922	47.470	nq	98

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



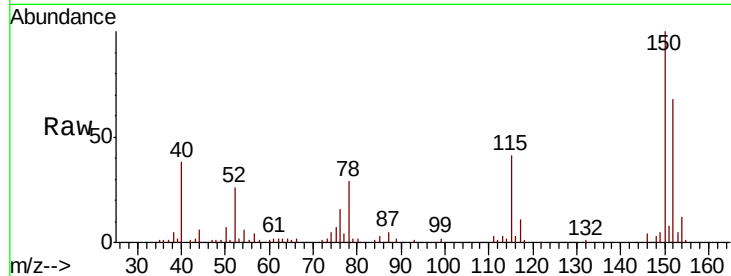
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
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PB113546BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	119.5	179.3
115	60.7	44.5	66.7

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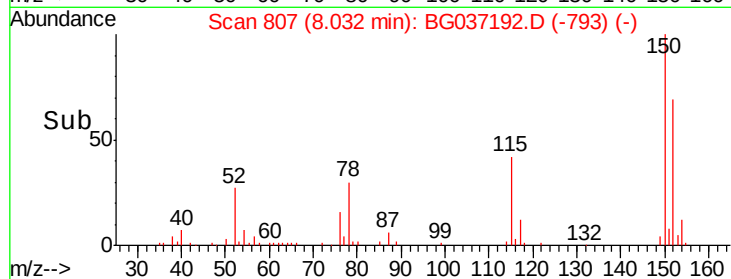
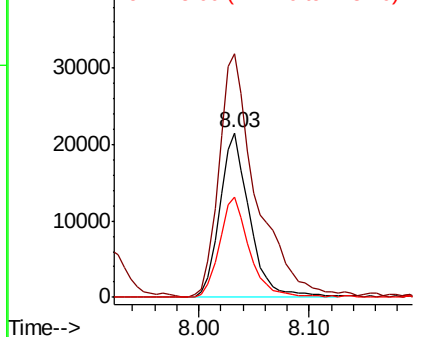


Abundance

Ion 152.00 (151.70 to 152.70): E

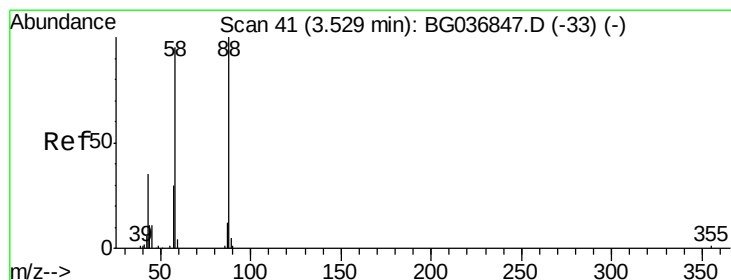
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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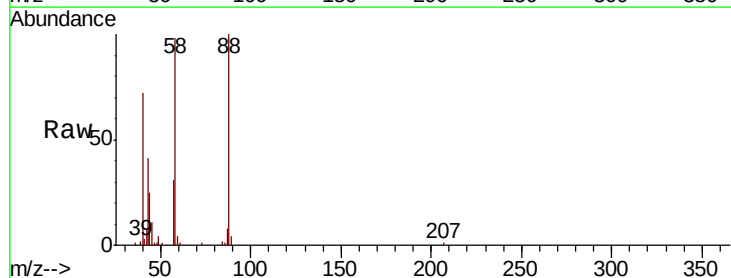
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#2

1,4-Dioxane
Concen: 40.250 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.3	72.6	109.0
43	38.1	29.0	43.4

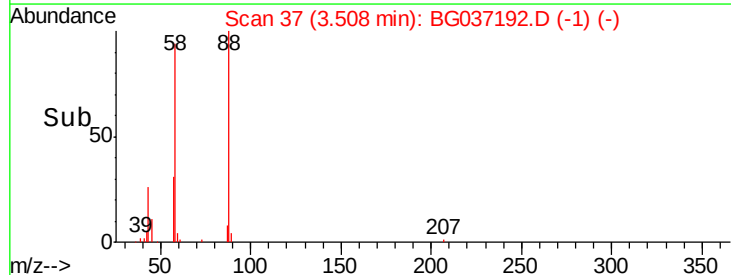
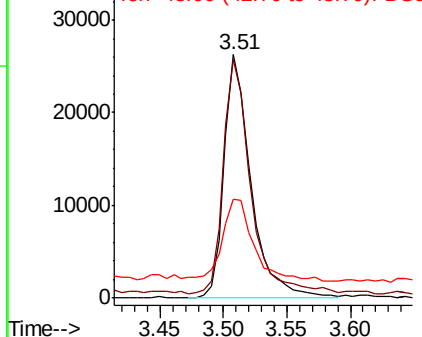


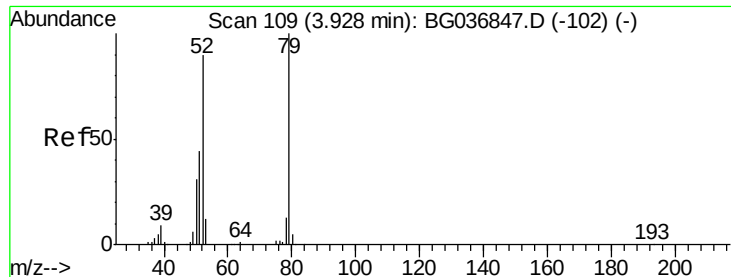
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.482 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

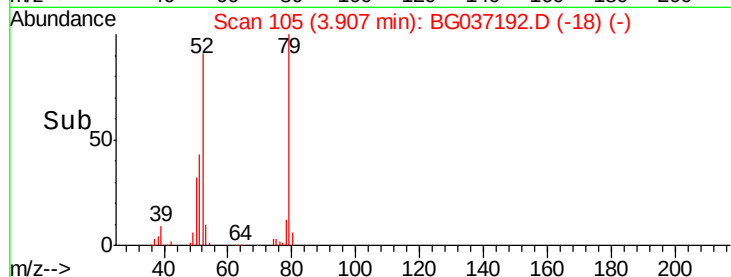
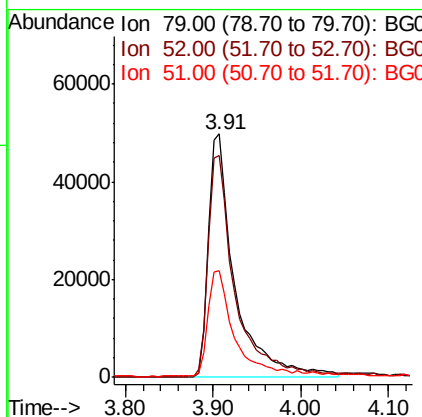
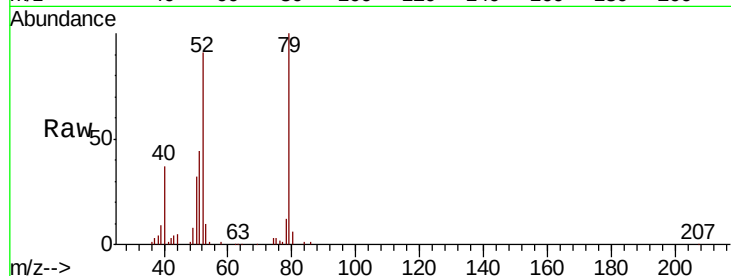
BNA_G

ClientSampled :

PB113546BS

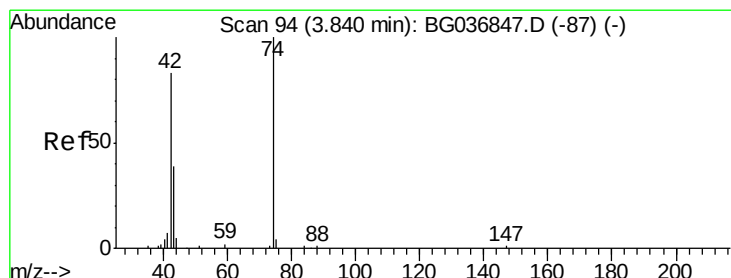
Tot Ion:	79	Resp:	104815
Ion	Ratio	Lower	Upper
79	100		
52	91.3	72.3	108.5
51	43.9	33.8	50.6

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#4

n-Nitrosodimethylamine

Concen: 48.957 ng

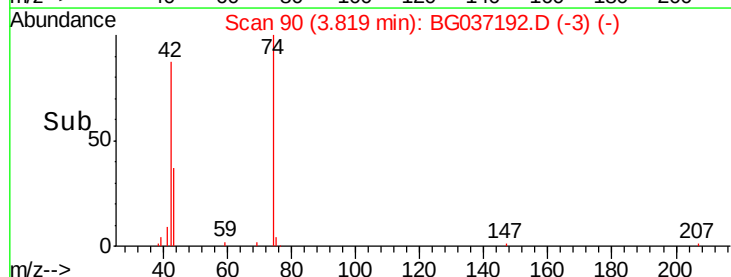
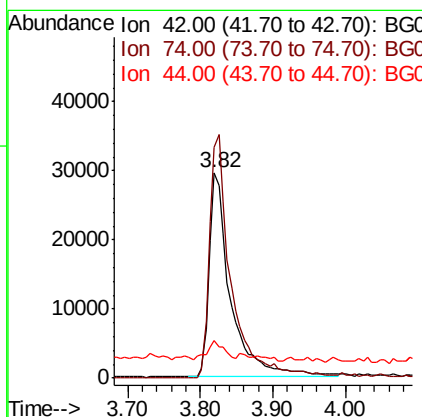
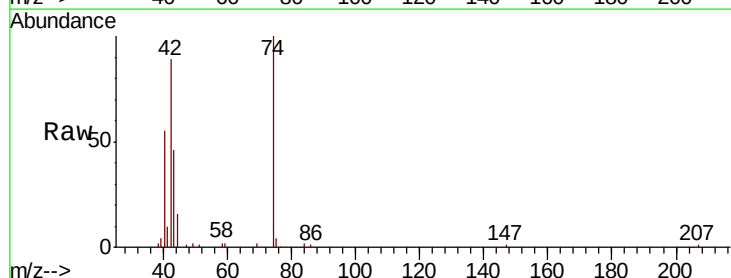
RT: 3.82 min Scan# 90

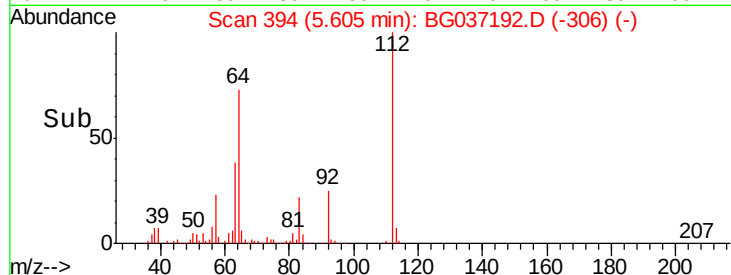
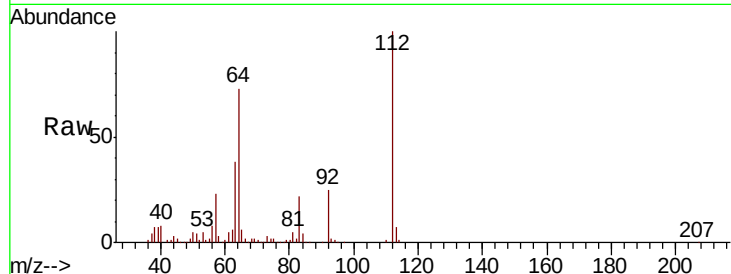
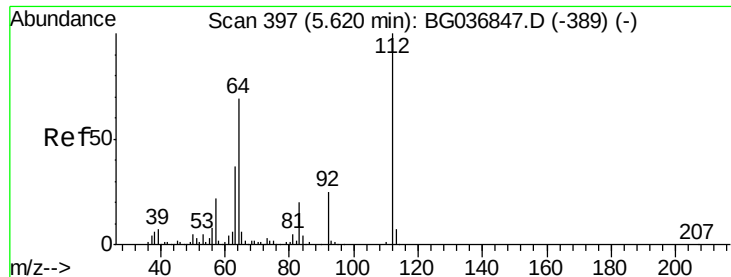
Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Tgt Ion:	42	Resp:	60848
Ion	Ratio	Lower	Upper
42	100		
74	112.5	96.6	145.0
44	18.5	7.0	10.4#



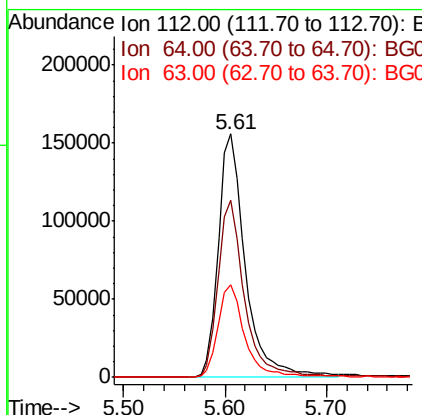


#5
2-Fluorophenol
Concen: 136.701 ng
RT: 5.61 min Scan# 394
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tot Ion	Ratio	Resp	Lower	Upper
112	100	289328		
64	72.9		57.2	85.8
63	38.2		30.8	46.2

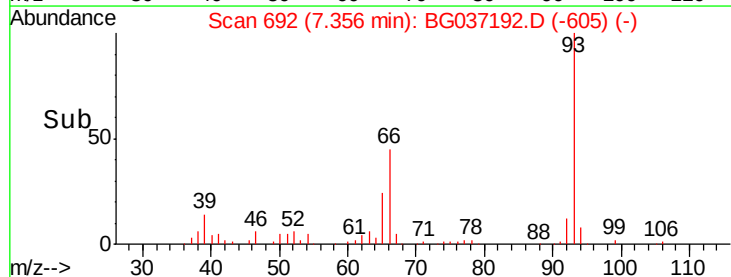
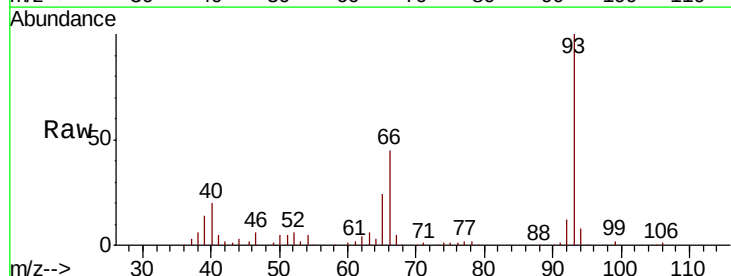
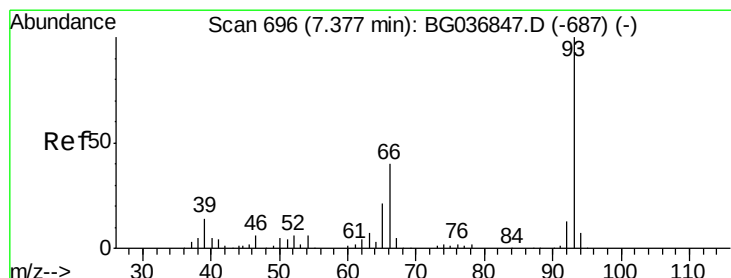
Instrument :
BNA_G
ClientSampled :
PB113546BS

Manual Integrations
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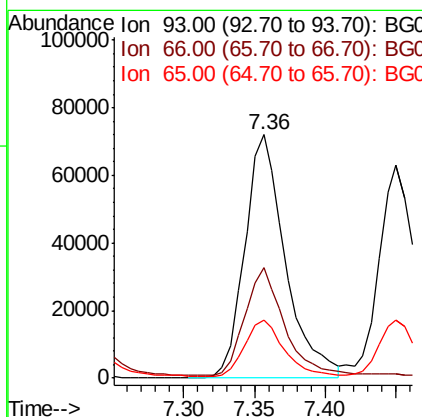
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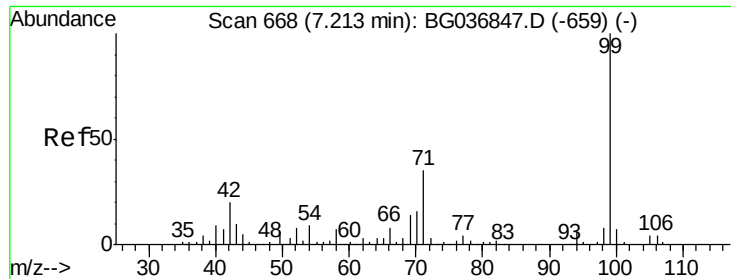
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#6
Aniline
Concen: 34.087 ng
RT: 7.36 min Scan# 692
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	144837		
66	45.4		35.0	52.4
65	23.8		17.6	26.4





#7

Phenol-d6

Concen: 124.429 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

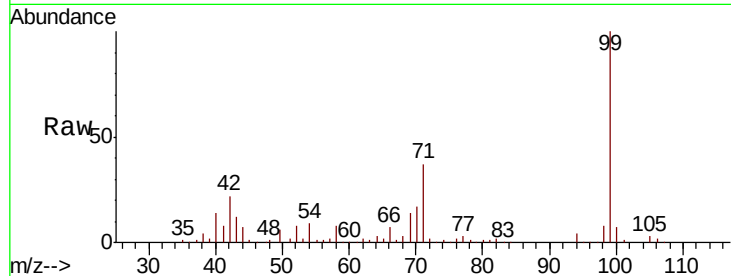
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ClientSampled :

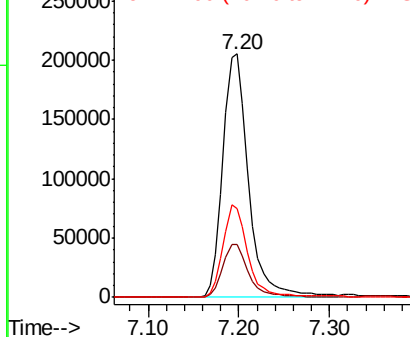
PB113546BS

Tot Ion:	99	Resp:	407454
Ion	Ratio	Lower	Upper
99	100		
42	21.7	16.5	24.7
71	36.7	29.4	44.2

Manual Integrations
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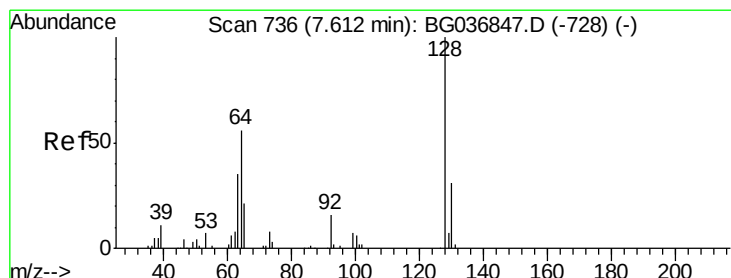
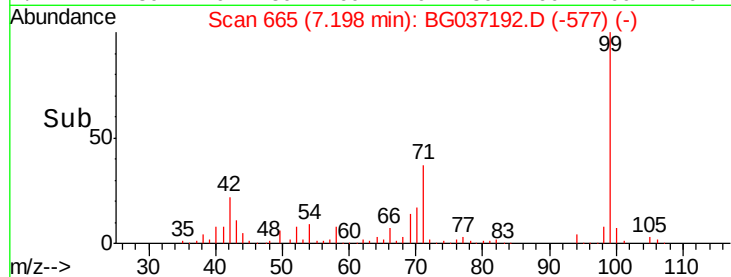


Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



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#8

2-Chlorophenol

Concen: 48.765 ng

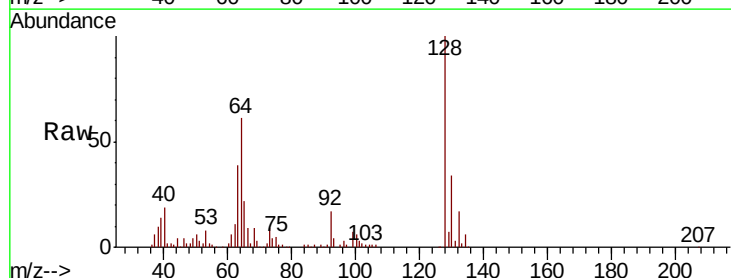
RT: 7.60 min Scan# 733

Delta R.T. -0.01 min

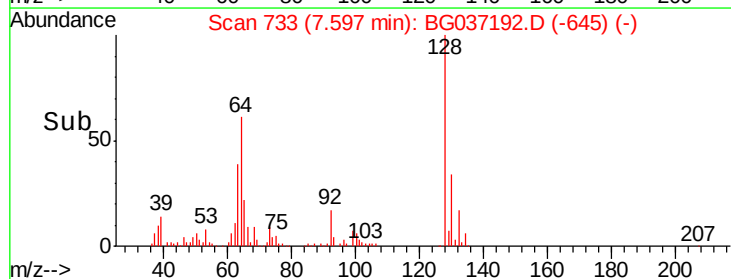
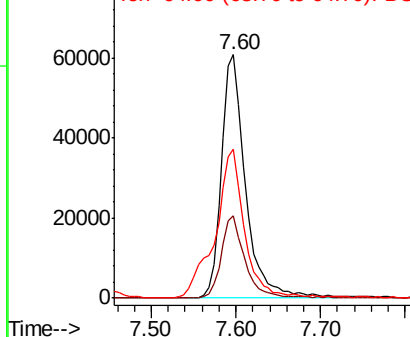
Lab File: BG037192.D

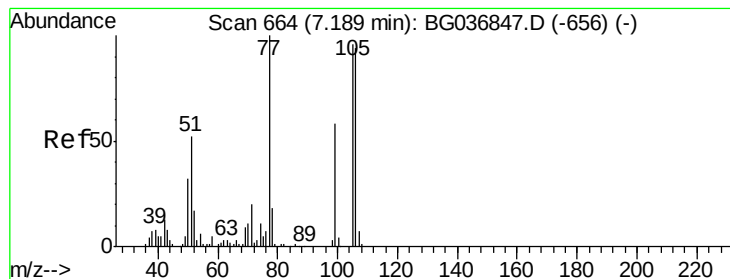
Acq: 5 Oct 2018 16:27

Tgt Ion:	128	Resp:	119840
Ion	Ratio	Lower	Upper
128	100		
130	33.6	10.0	50.0
64	61.2	36.0	76.0



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





#9

Benzaldehyde

Concen: 25.157 ng

RT: 7.17 min Scan# 660

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

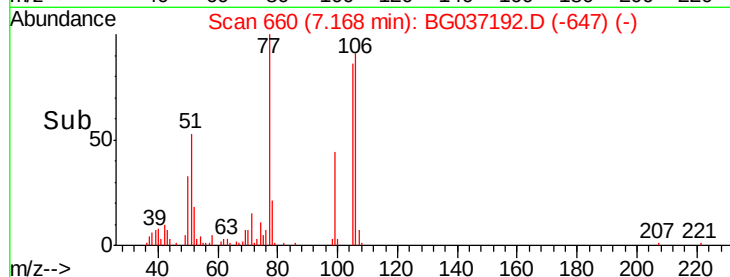
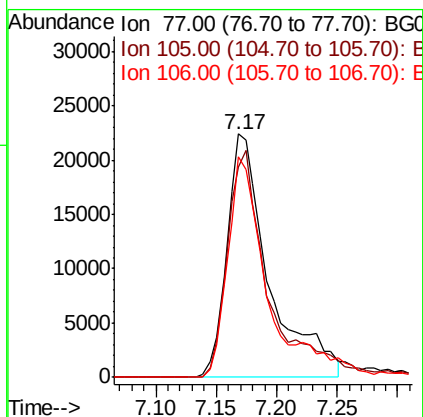
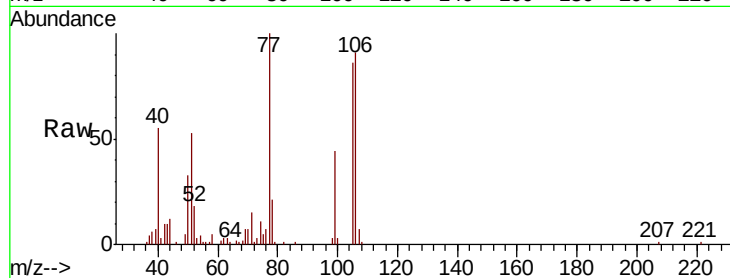
BNA_G

ClientSampleID :

PB113546BS

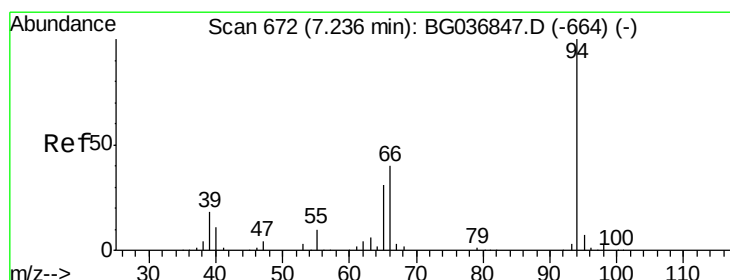
Tot Ion:	77	Resp:	54434
Ion	Ratio	Lower	Upper
77	100		
105	86.3	70.5	110.5
106	90.6	69.8	109.8

Manual Integrations
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#10

Phenol

Concen: 49.359 ng

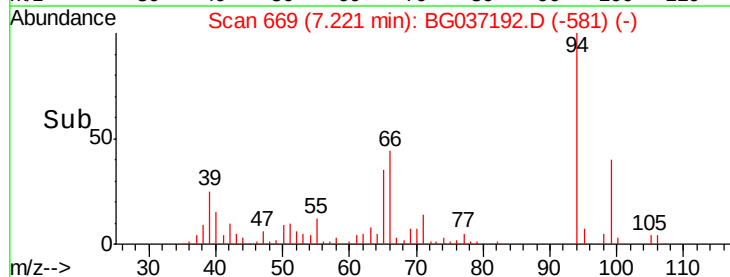
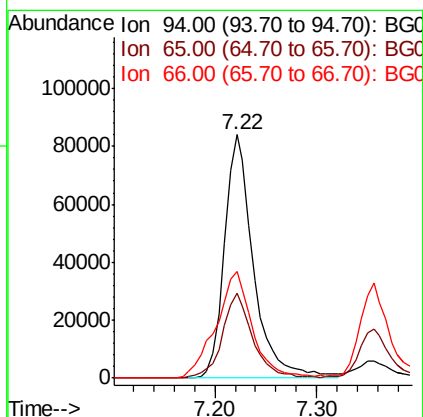
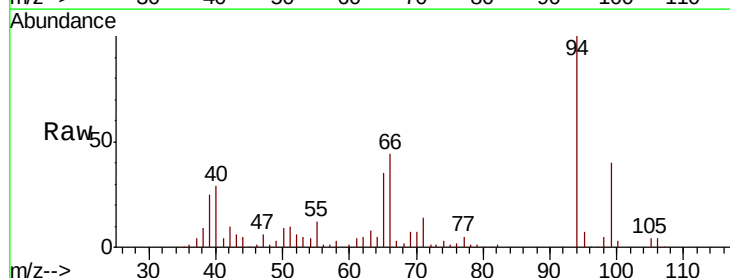
RT: 7.22 min Scan# 669

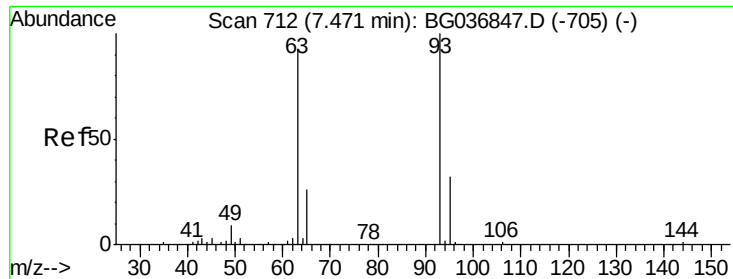
Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Tgt Ion:	94	Resp:	166811
Ion	Ratio	Lower	Upper
94	100		
65	34.8	11.5	51.5
66	43.8	19.5	59.5



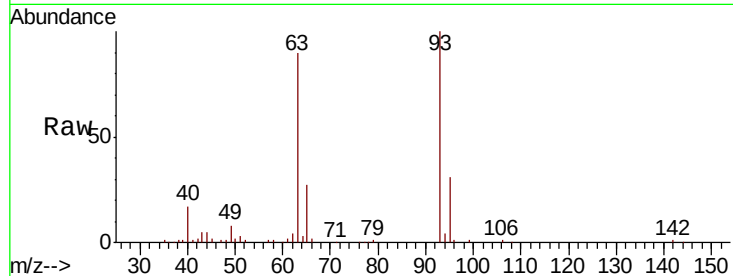


#11
bis(2-Chloroethyl)ether
Concen: 39.284 ng
RT: 7.45 min Scan# 708
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampled :
PB113546BS

Tot Ion:	93	Resp:	122808
Ion	Ratio	Lower	Upper
93	100		
63	89.8	69.9	109.9
95	30.8	11.7	51.7

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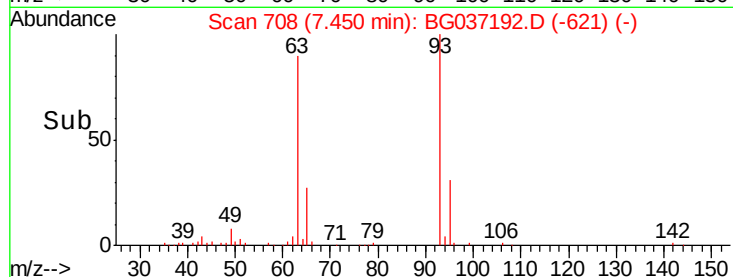
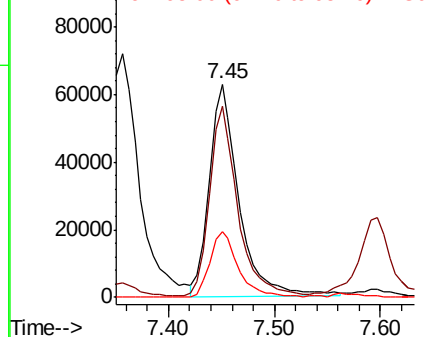


Abundance

Ion 93.00 (92.70 to 93.70): BGC

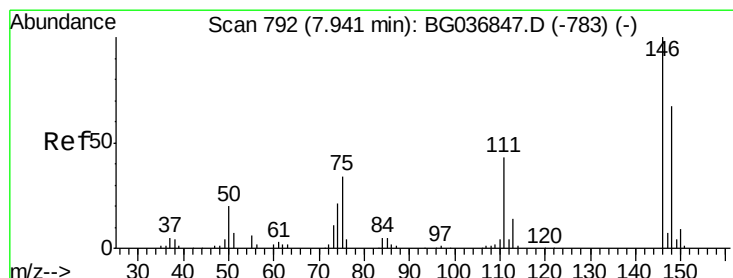
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



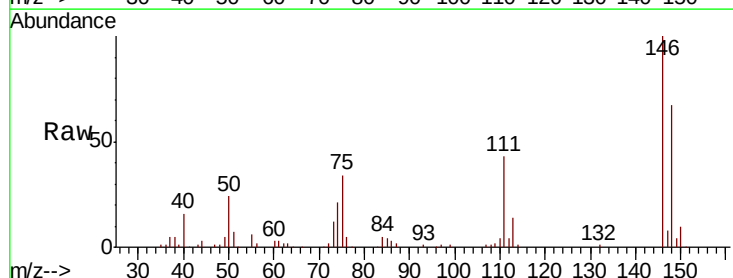
Sohil

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#12
1,3-Dichlorobenzene
Concen: 40.094 ng
RT: 7.92 min Scan# 788
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion:	146	Resp:	120799
Ion	Ratio	Lower	Upper
146	100		
148	67.2	53.8	80.6
75	33.5	27.2	40.8

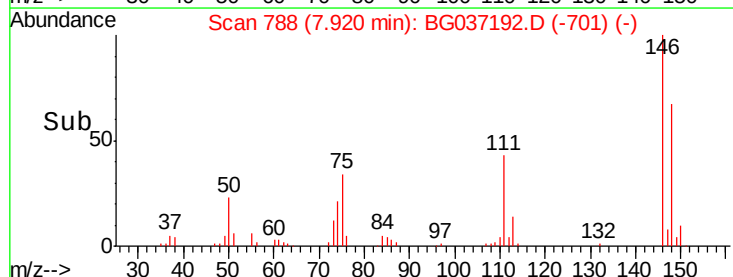
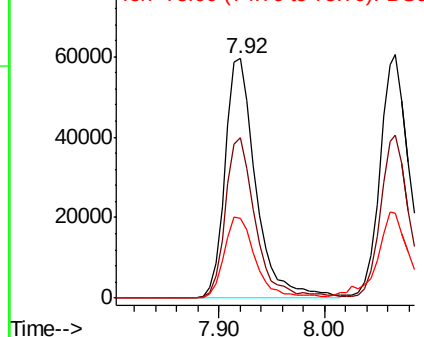


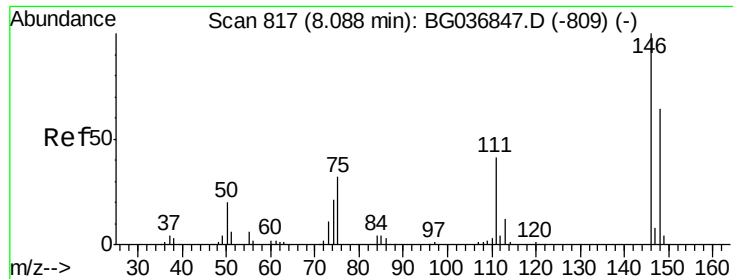
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



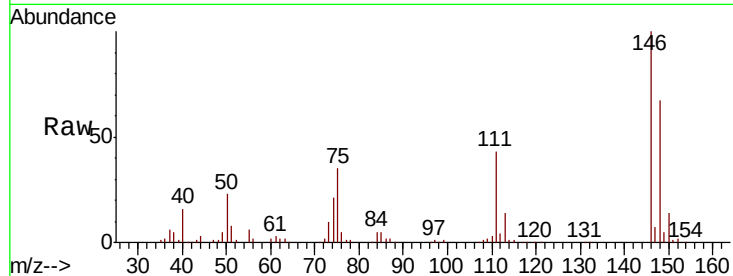


#13
1,4-Dichlorobenzene
Concen: 39.267 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampled :
PB113546BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	53.9	80.9
111	42.9	33.8	50.6

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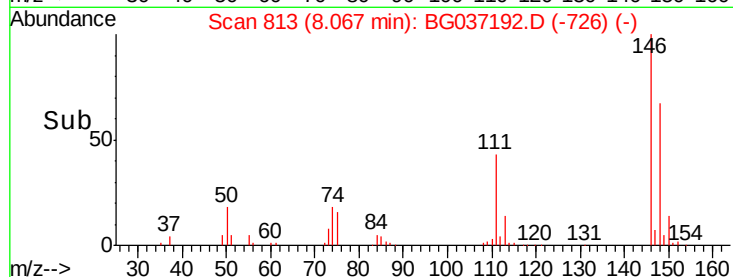
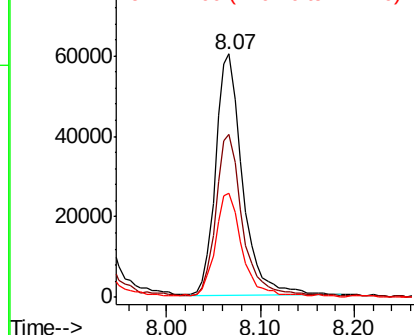


Abundance

Ion 146.00 (145.70 to 146.70): E

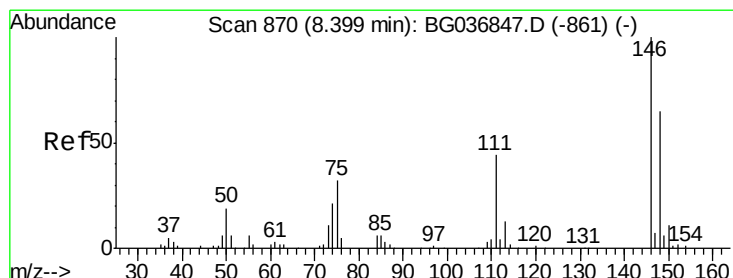
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



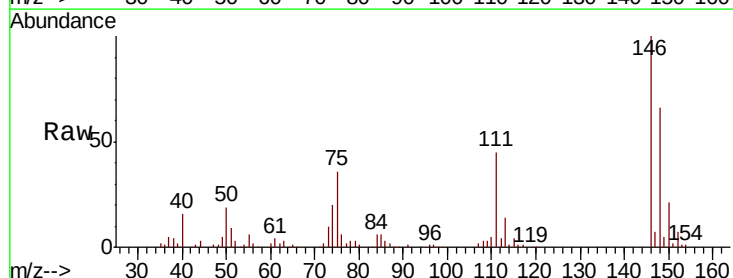
Sohil

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#14
1,2-Dichlorobenzene
Concen: 39.807 ng
RT: 8.38 min Scan# 867
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	55.0	82.6
111	44.5	34.6	51.8

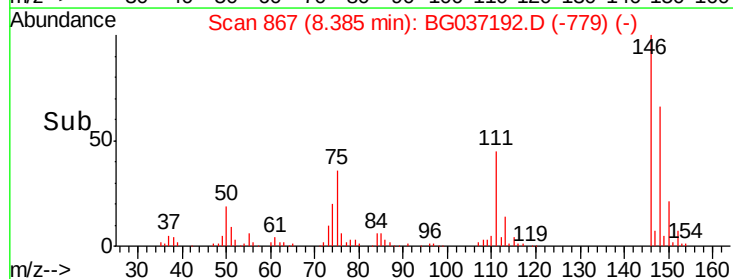
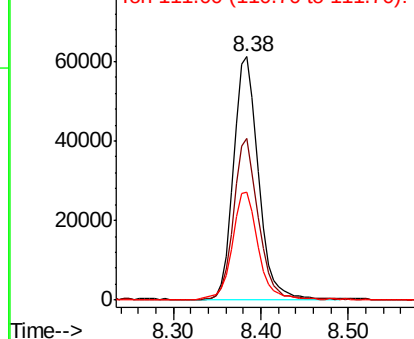


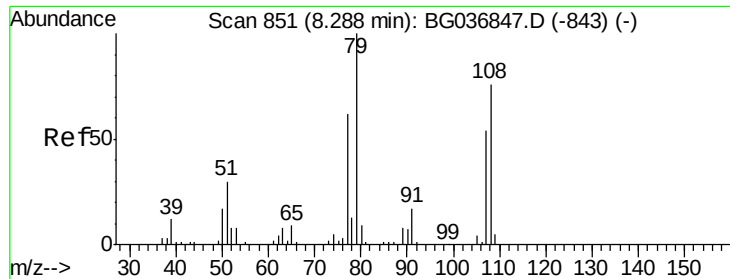
Abundance

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



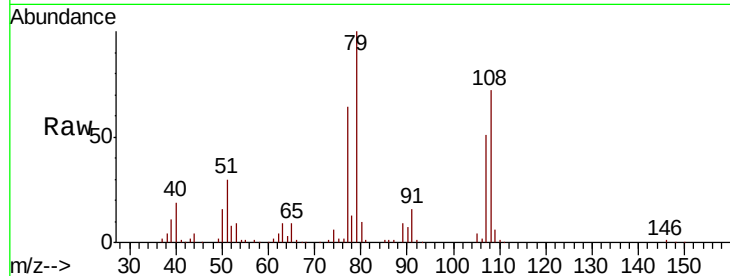


#15
Benzyl Alcohol
Concen: 42.290 ng
RT: 8.27 min Scan# 847
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

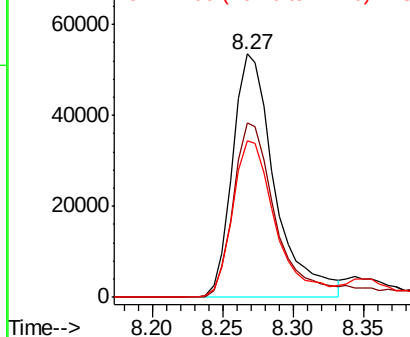
Instrument :
BNA_G
ClientSampleId :
PB113546BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.9	55.9	83.9
77	64.1	50.0	75.0

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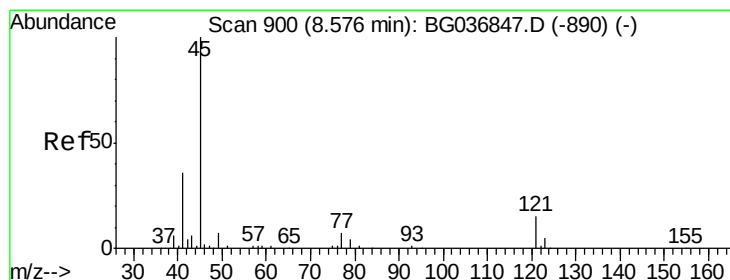
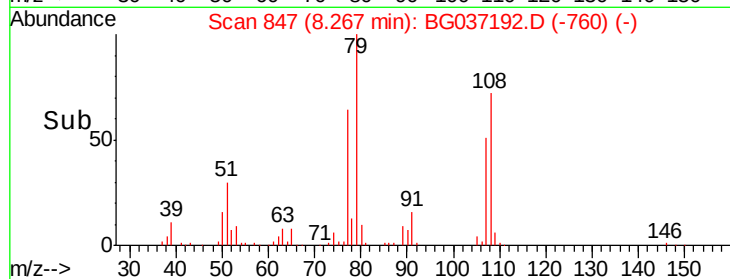


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



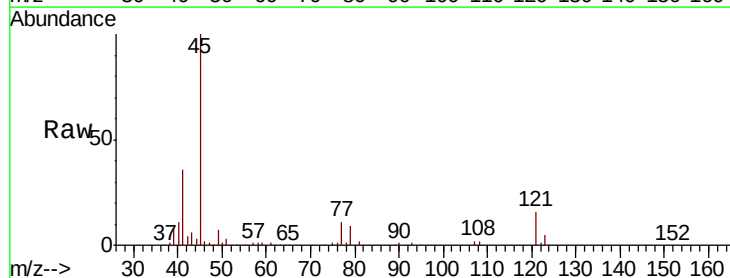
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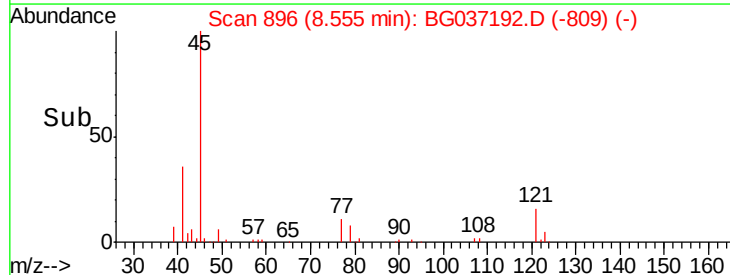
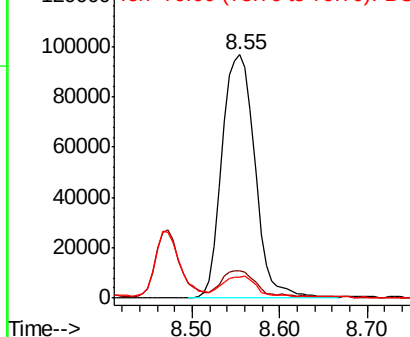


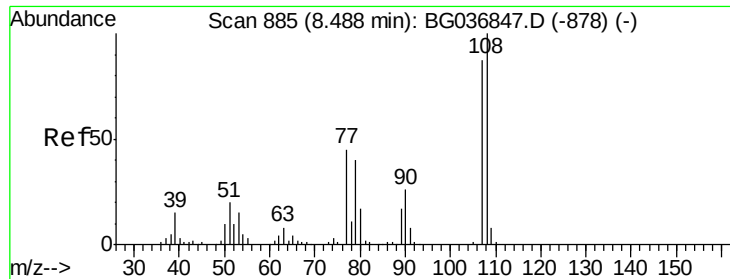
#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.747 ng
RT: 8.55 min Scan# 896
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	30.5
79	8.5	0.0	27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC



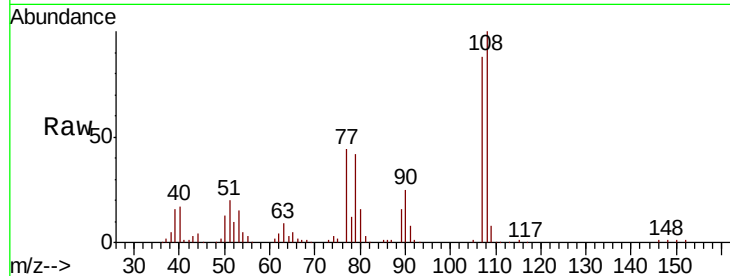


#17
2-Methylphenol
Concen: 47.209 ng
RT: 8.47 min Scan# 882
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampleId :
PB113546BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	86.7	130.1	
77	50.4	39.0	58.4	
79	48.1	36.6	54.8	

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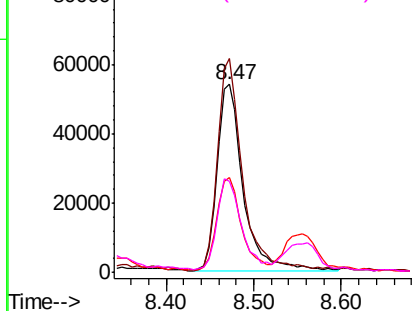
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

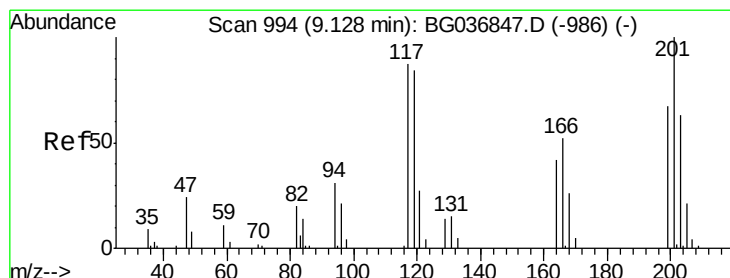
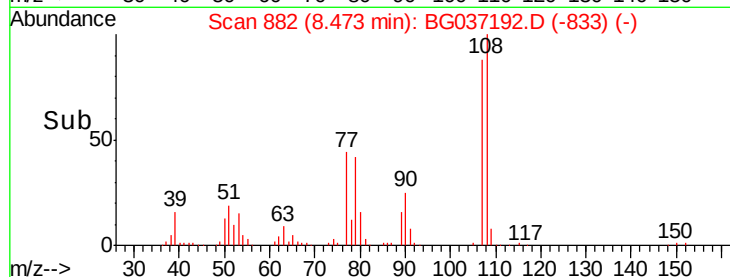
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



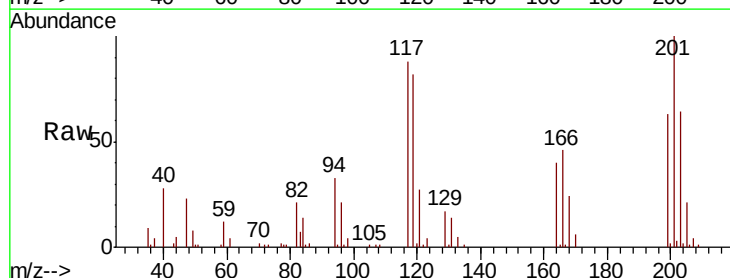
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#18
Hexachloroethane
Concen: 42.339 ng
RT: 9.11 min Scan# 990
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.5	76.8	115.2	
201	113.8	85.7	128.5	

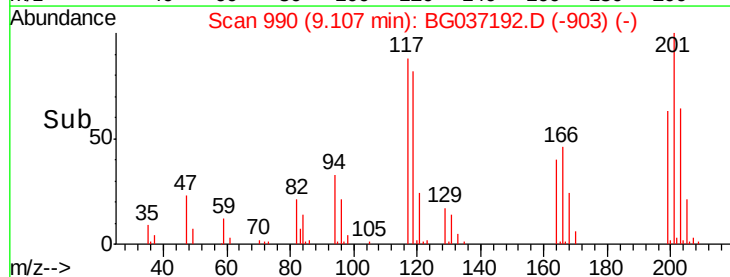
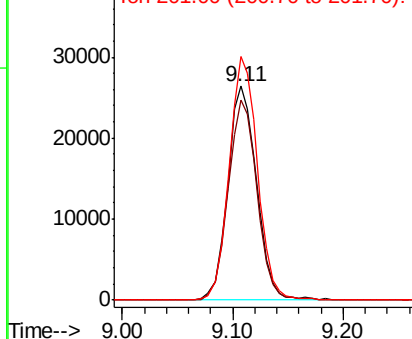


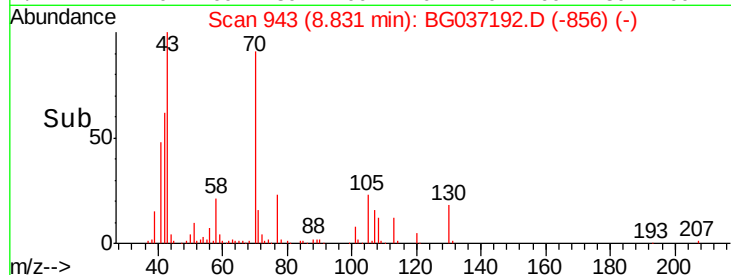
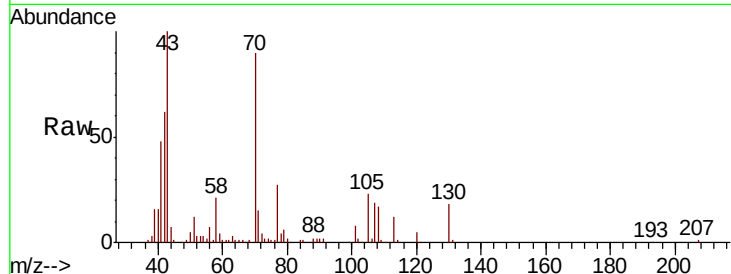
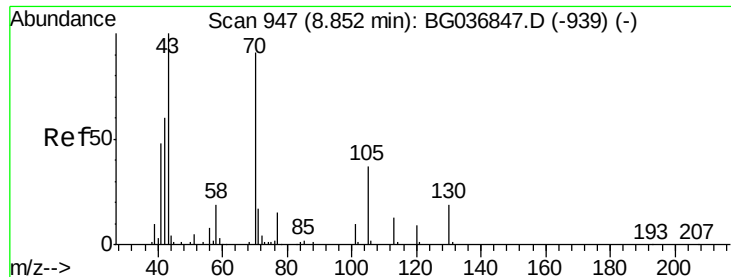
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

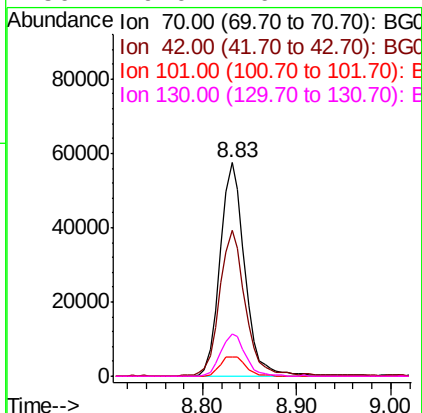
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 38.772 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.5	56.2	84.4	
101	9.2	7.8	11.6	
130	20.0	16.2	24.2	

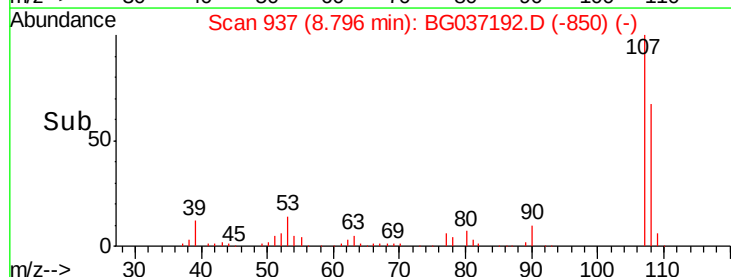
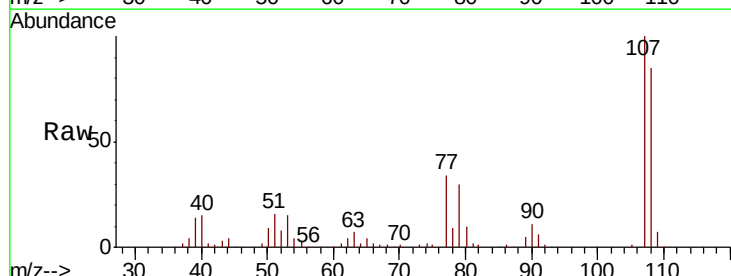
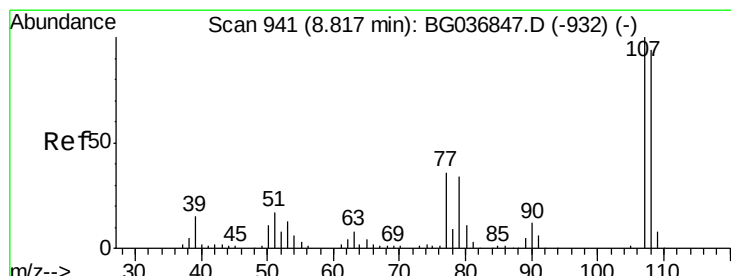


Instrument :
BNA_G
ClientSampled :
PB113546BS

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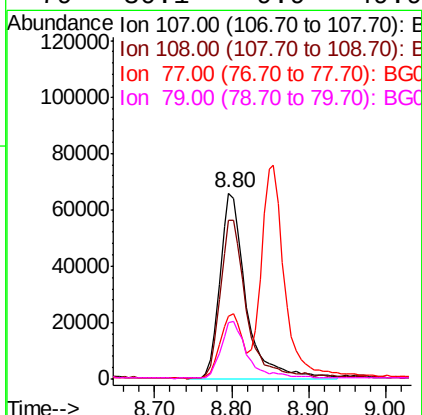
Sohil

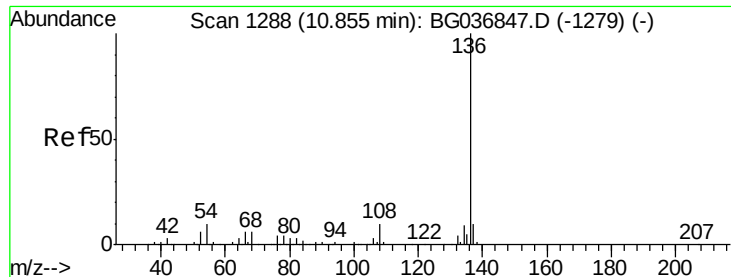
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#20
3+4-Methylphenols
Concen: 46.901 ng
RT: 8.80 min Scan# 937
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.0	68.0	108.0	
77	34.0	15.6	55.6	
79	30.1	9.9	49.9	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

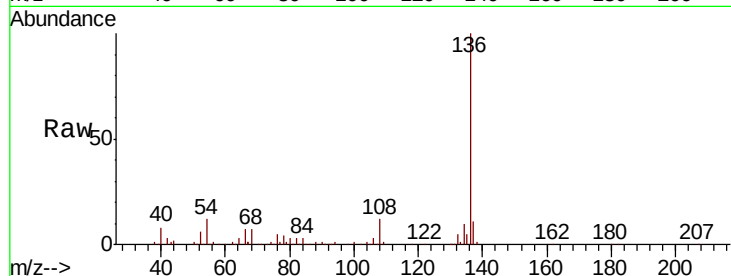
BNA_G

ClientSampleId :

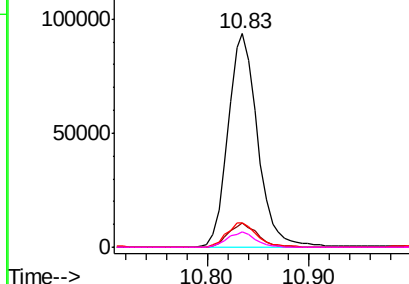
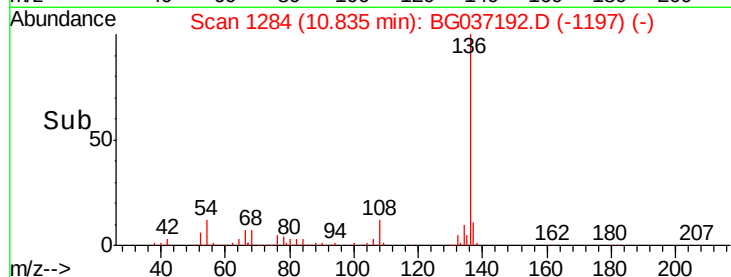
PB113546BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		189192		
137	11.3		8.8	13.2	
54	11.5		9.2	13.8	
68	7.0		5.8	8.6	

Manual Integrations
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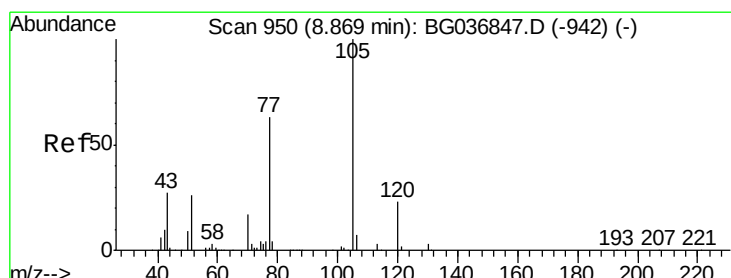


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



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#22

Acetophenone

Concen: 39.781 ng

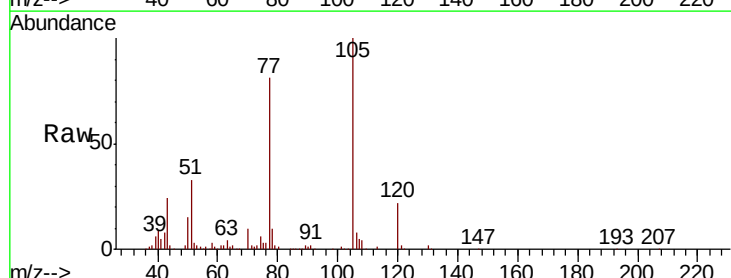
RT: 8.85 min Scan# 947

Delta R.T. -0.01 min

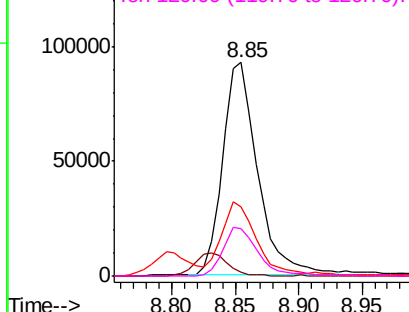
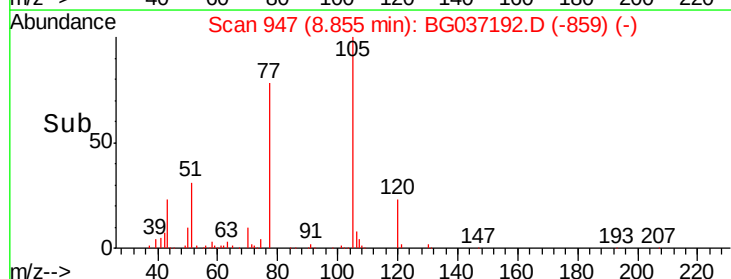
Lab File: BG037192.D

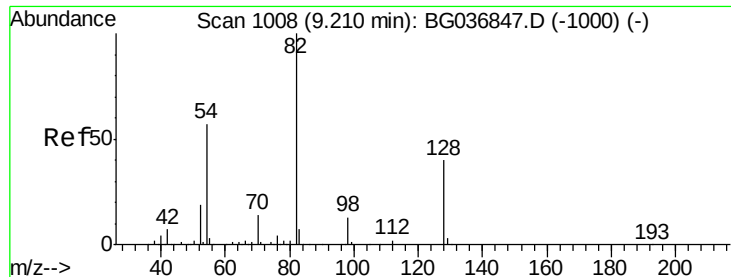
Acq: 5 Oct 2018 16:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		176864		
71	1.6		2.4	3.6#	
51	32.7		25.9	38.9	
120	22.5		19.4	29.0	



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



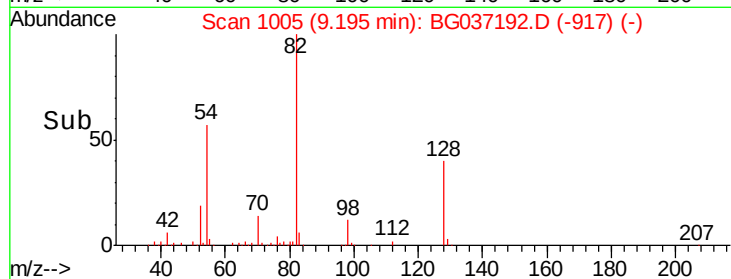
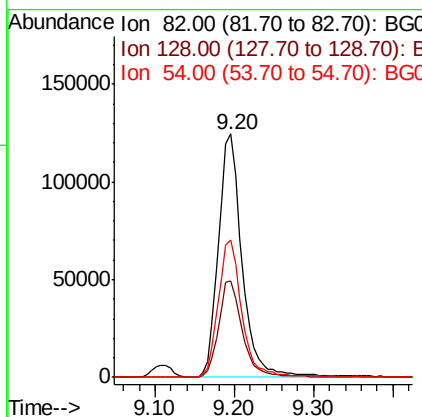
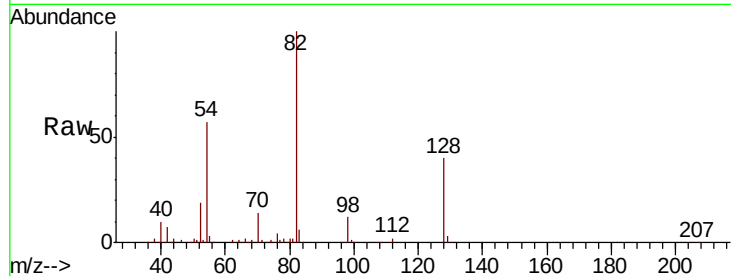


#23
 Nitrobenzene-d5
 Concen: 73.062 ng
 RT: 9.20 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Instrument :
 BNA_G
 ClientSampleId :
 PB113546BS

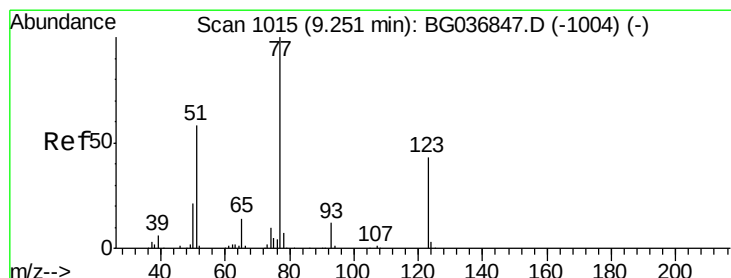
Tot Ion:	82	Resp:	258123
Ion	Ratio	Lower	Upper
82	100		
128	39.6	33.3	49.9
54	56.6	45.1	67.7

Manual Integrations
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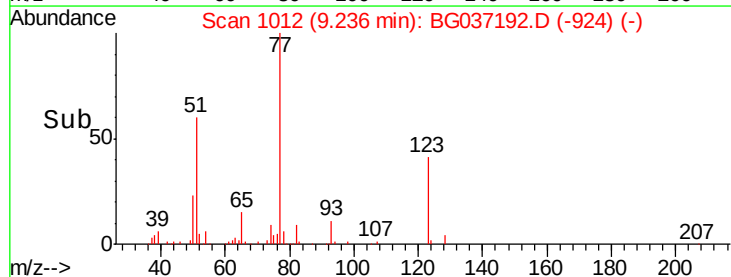
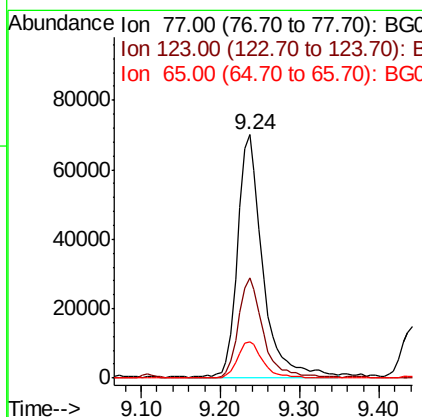
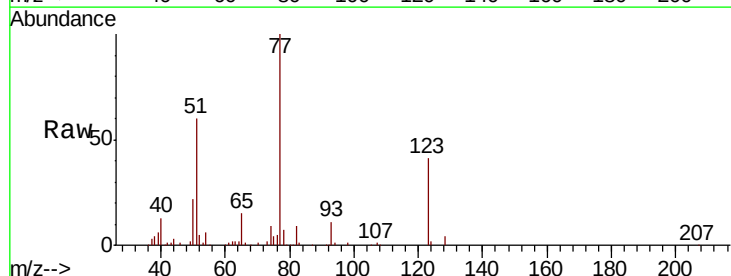
Sohil

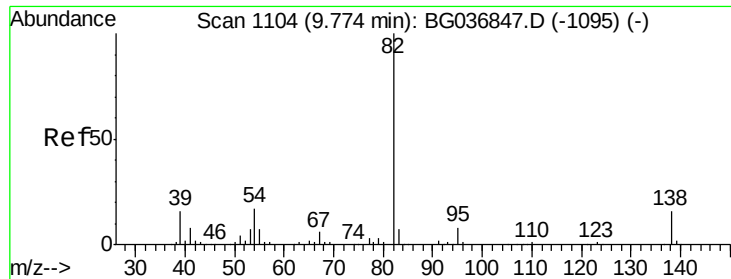
10/8/2018 1:56:06 PM



#24
 Nitrobenzene
 Concen: 40.474 ng
 RT: 9.24 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Tgt Ion:	77	Resp:	152701
Ion	Ratio	Lower	Upper
77	100		
123	41.1	32.4	48.6
65	14.9	11.5	17.3



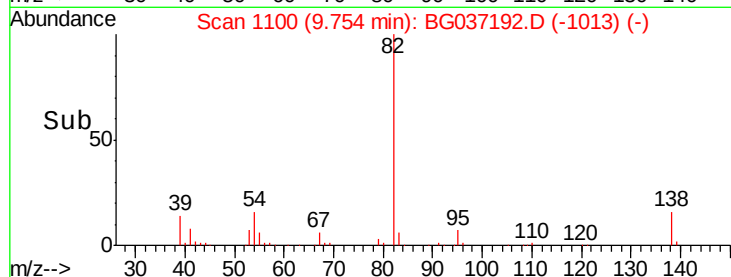
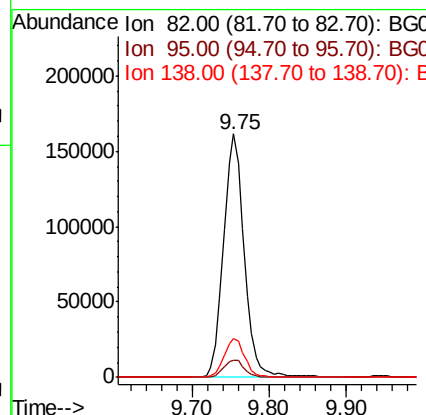
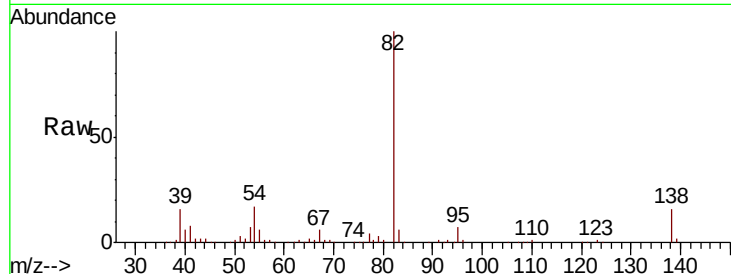


#25
Isophorone
Concen: 46.649 ng
RT: 9.75 min Scan# 1100
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampled :
PB113546BS

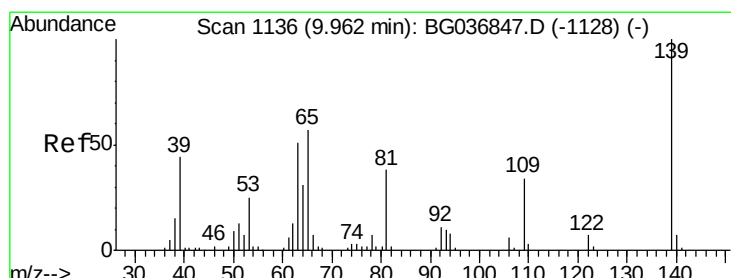
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.1		5.8	8.8
138	15.9		12.9	19.3

Manual Integrations
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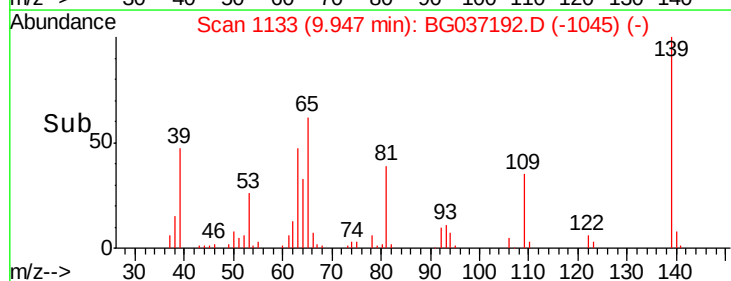
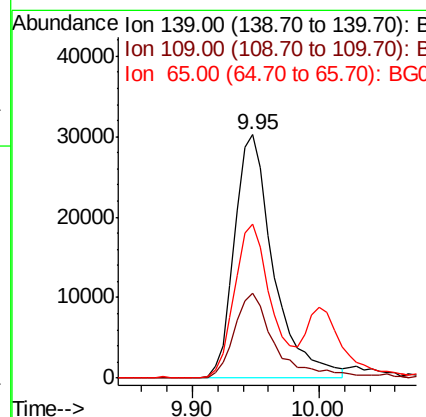
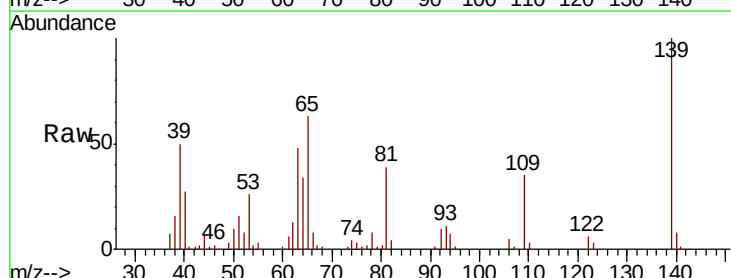
Sohil

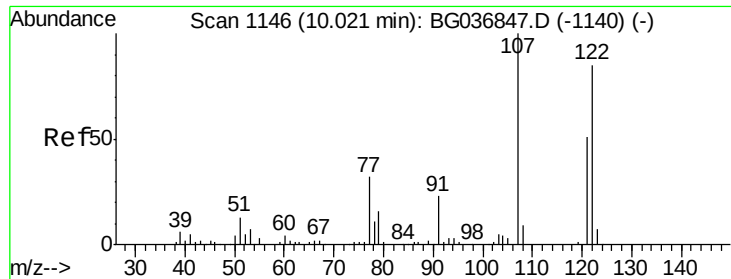
10/8/2018 1:56:06 PM



#26
2-Nitrophenol
Concen: 42.889 ng
RT: 9.95 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	35.1		27.4	41.0
65	63.3		47.8	71.6





#27

2,4-Dimethylphenol

Concen: 50.684 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

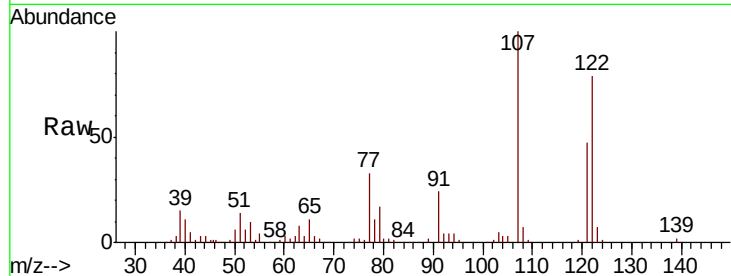
BNA_G

ClientSampleId :

PB113546BS

Tot Ion:	122	Resp:	118728
Ion Ratio	Lower	Upper	
122	100		
107	126.1	96.0	144.0
121	59.5	48.2	72.4

Manual Integrations
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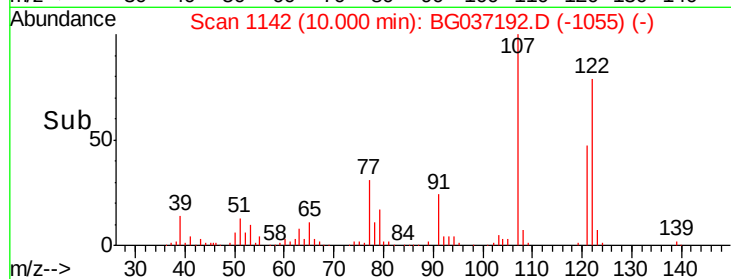
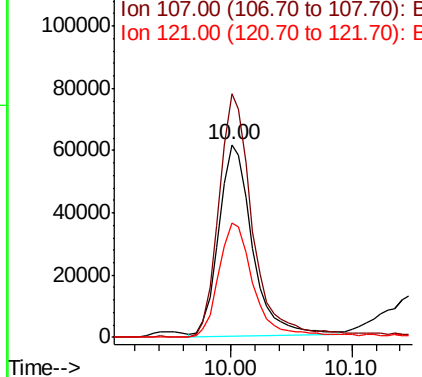


Abundance

Ion 122.00 (121.70 to 122.70): E

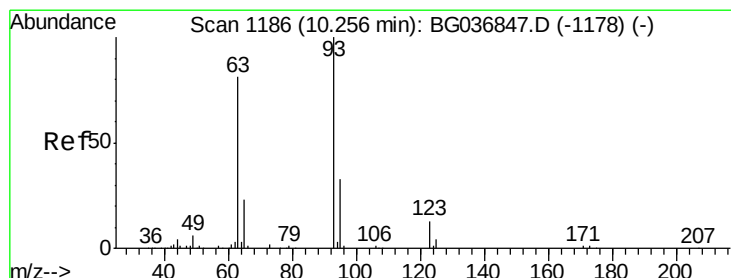
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



Sohil

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#28

bis(2-Chloroethoxy)methane

Concen: 42.332 ng

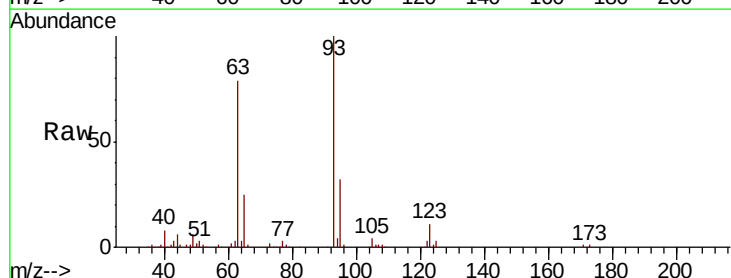
RT: 10.24 min Scan# 1182

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Tgt Ion:	93	Resp:	168622
Ion Ratio	Lower	Upper	
93	100		
95	32.2	25.2	37.8
123	11.2	8.6	12.8

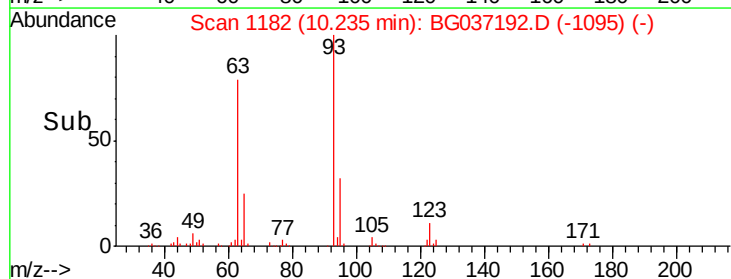
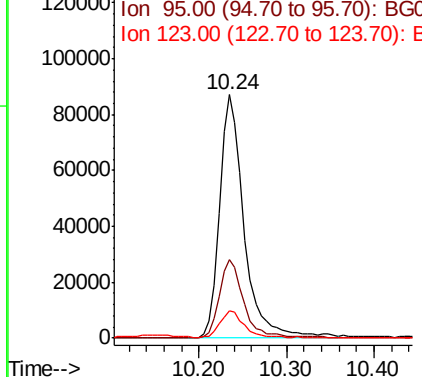


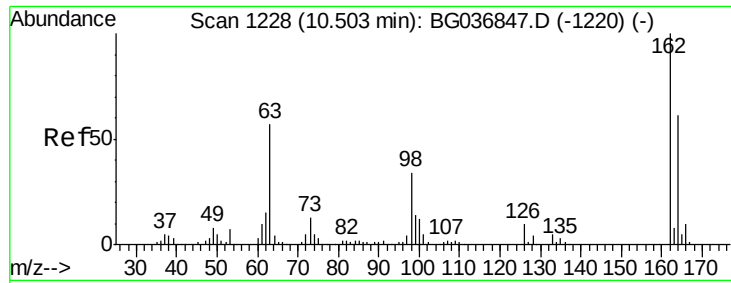
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E



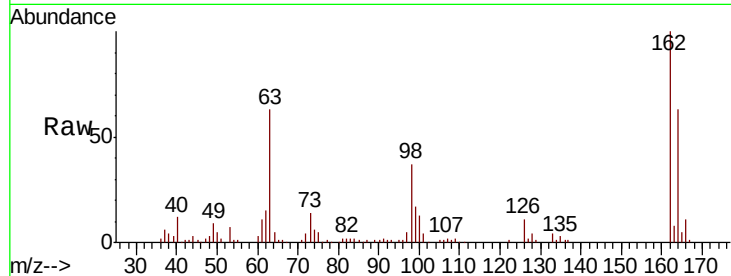


#29
2,4-Dichlorophenol
Concen: 47.390 ng
RT: 10.48 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

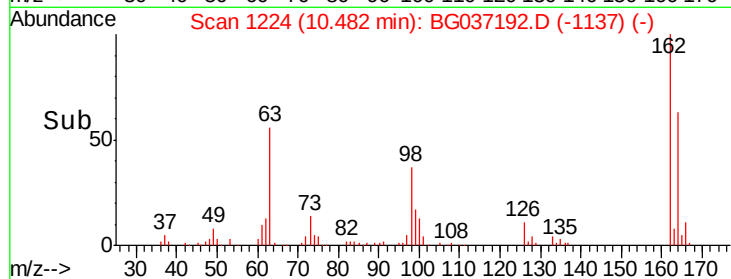
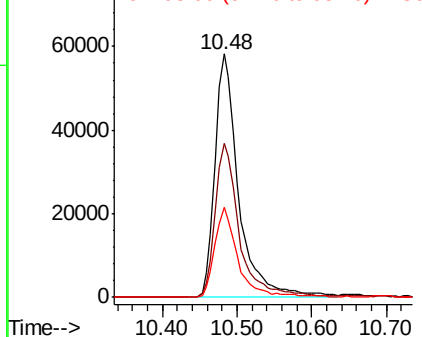
Instrument :
BNA_G
ClientSampleId :
PB113546BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.4	47.6	87.6	
98	36.9	19.2	59.2	

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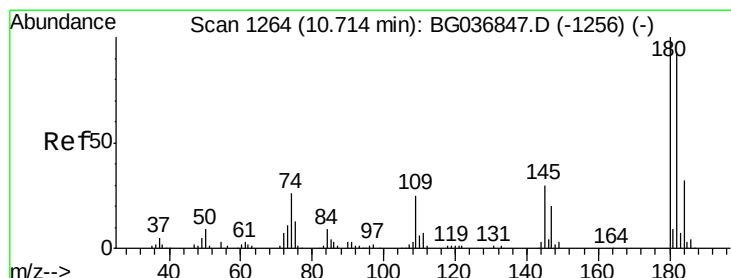


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B



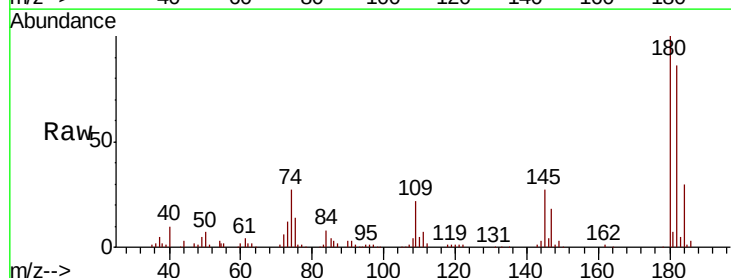
Sohil

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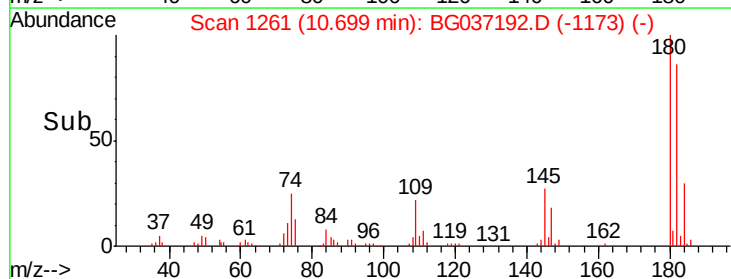
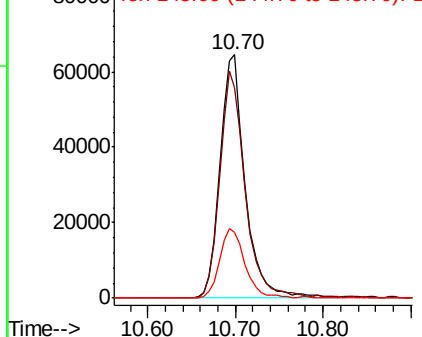


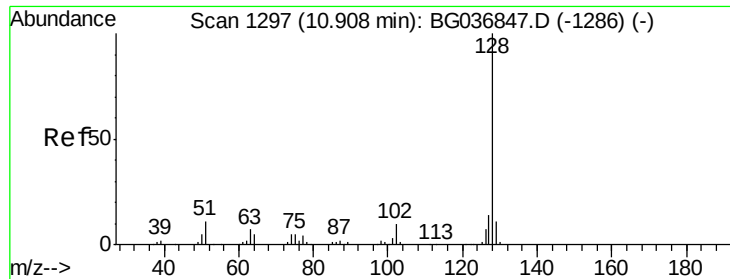
#30
1,2,4-Trichlorobenzene
Concen: 37.697 ng
RT: 10.70 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	86.2	76.0	114.0	
145	27.2	22.9	34.3	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E



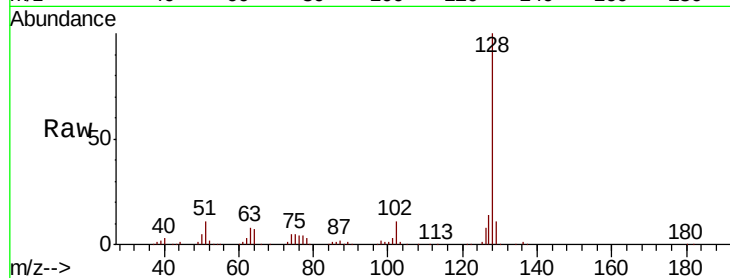


#31
Naphthalene
Concen: 42.516 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.03 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampleId :
PB113546BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	13.9	11.0	16.4

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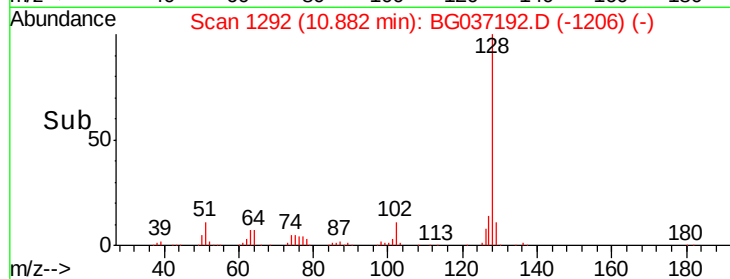
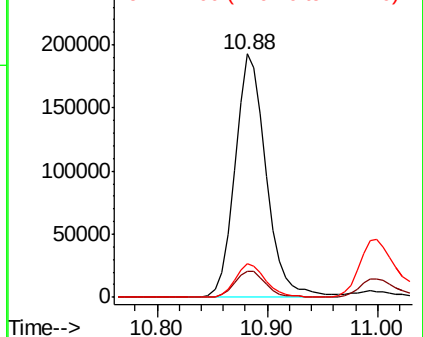


Abundance

Ion 128.00 (127.70 to 128.70): E

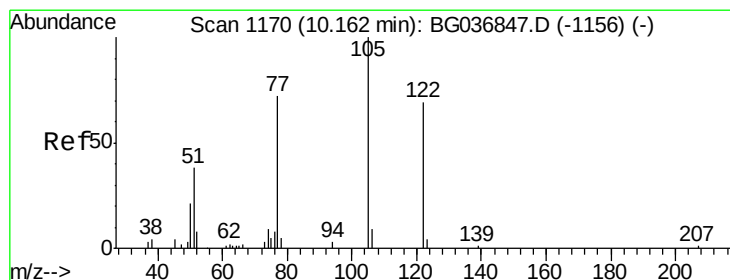
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



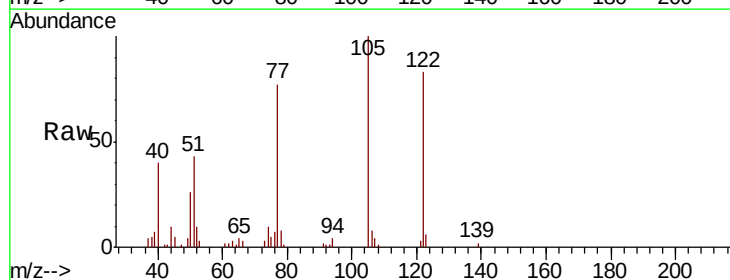
Sohil

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#32
Benzoic acid
Concen: 31.863 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.9	108.1	148.1
77	92.5	76.3	116.3

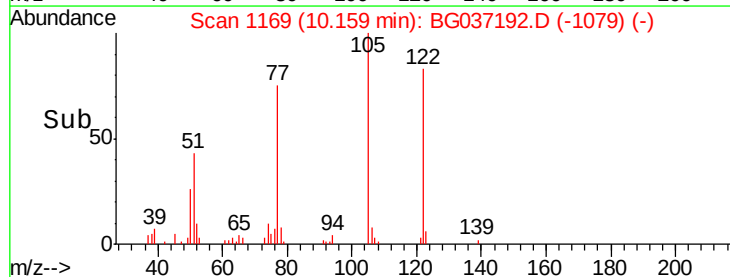
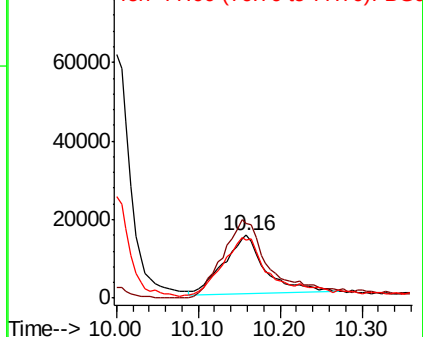


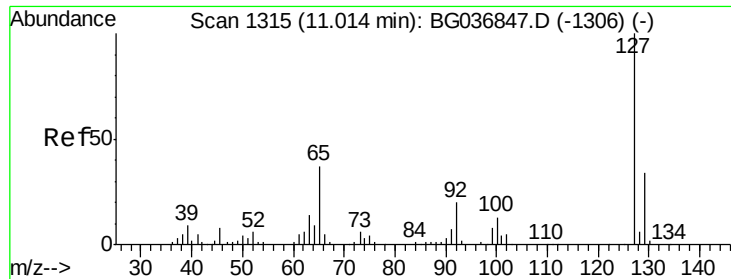
Abundance

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): BG



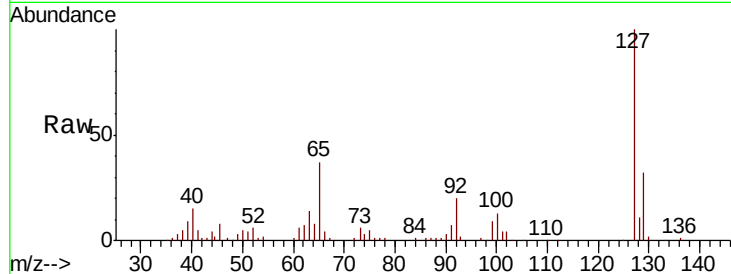


#33
4-Chloroaniline
Concen: 28.200 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampleId :
PB113546BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	36.9	27.5	41.3
92	19.8	16.2	24.2

Manual Integrations
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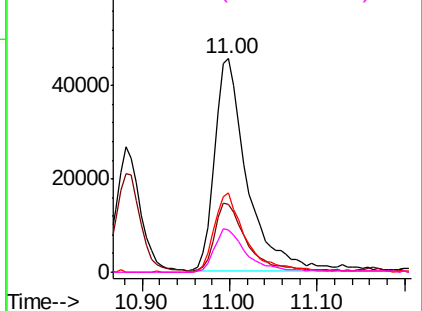
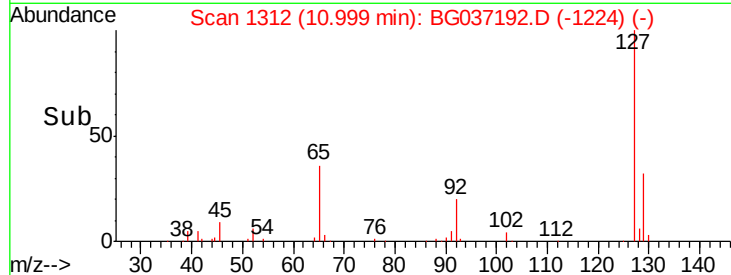
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

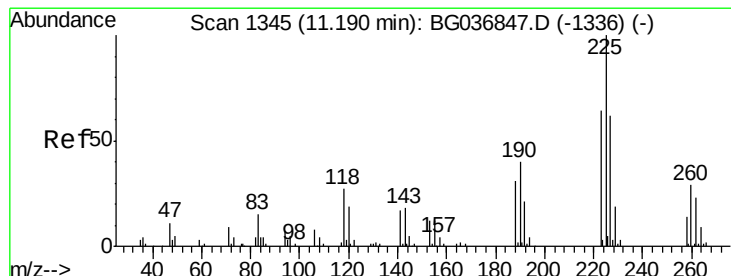
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



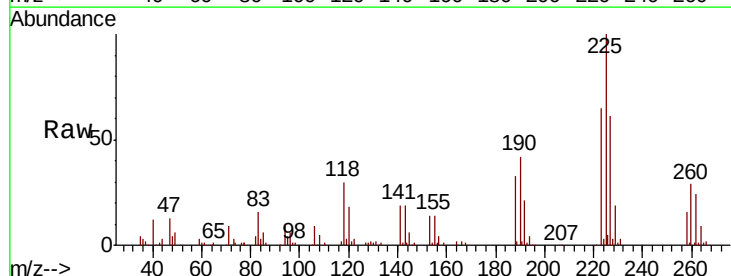
Sohil

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#34
Hexachlorobutadiene
Concen: 36.906 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	51.8	77.8
227	61.5	49.8	74.6

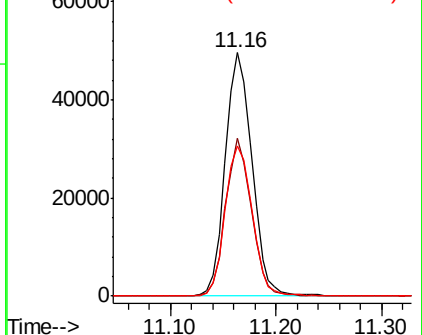
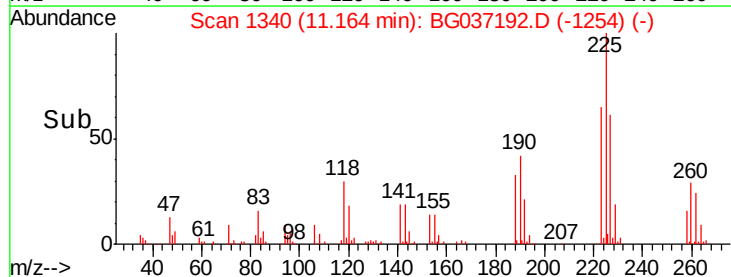


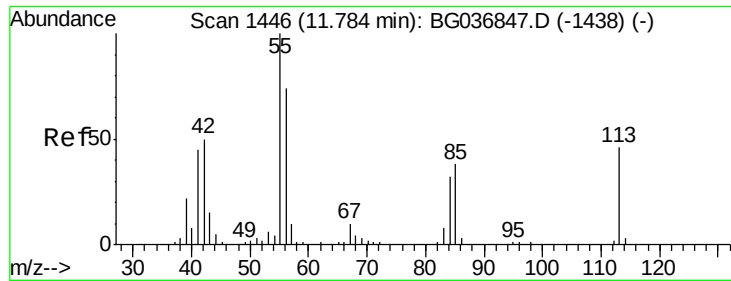
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



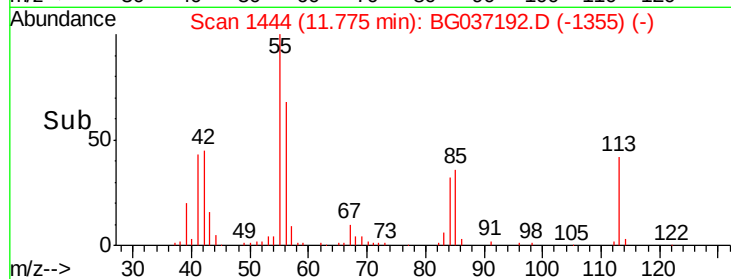
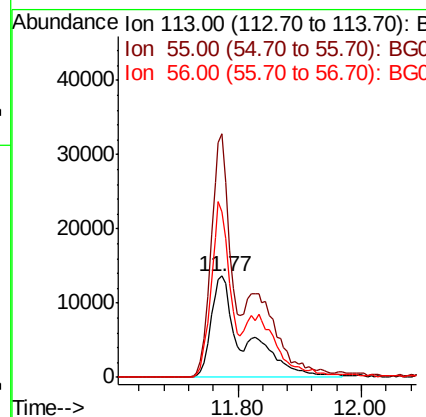
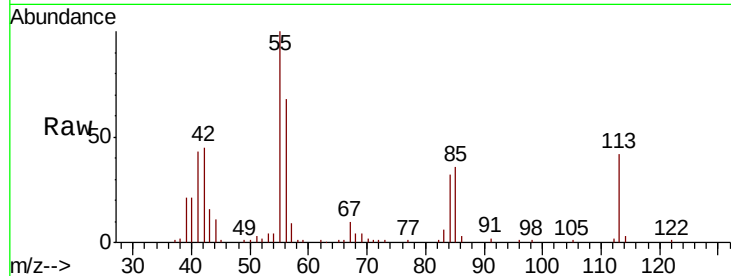


#35
 Caprolactam
 Concen: 45.919 ng/ml
 RT: 11.77 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Instrument :
 BNA_G
 ClientSampleId :
 PB113546BS

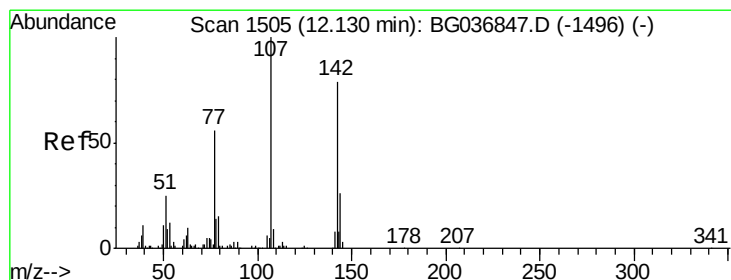
Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	240.9	197.7	237.7	
56	164.1	131.7	171.7	

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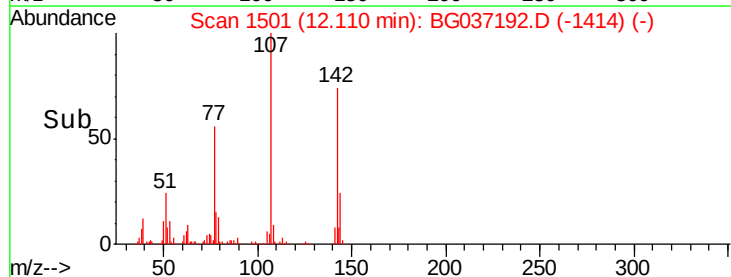
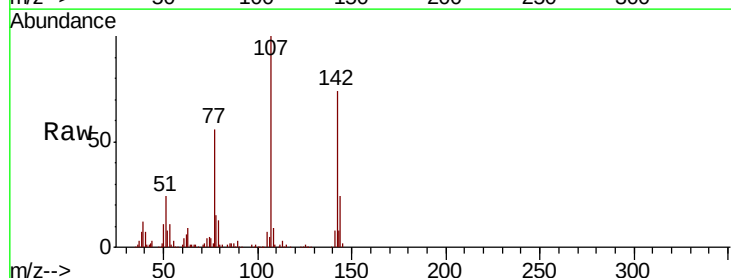
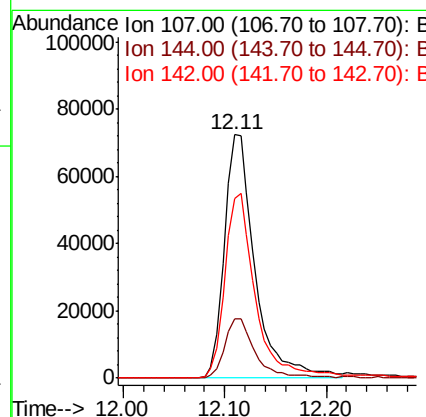
Sohil

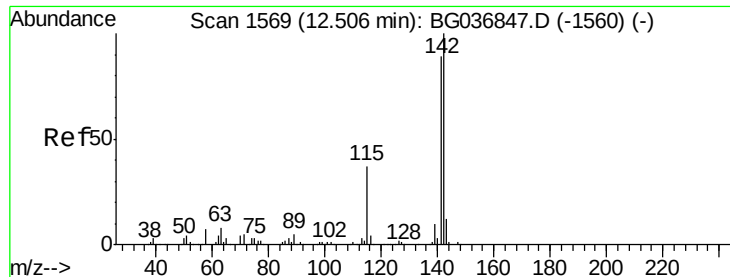
10/8/2018 1:56:06 PM



#36
 4-Chloro-3-methylphenol
 Concen: 46.874 ng/ml
 RT: 12.11 min Scan# 1501
 Delta R.T. -0.02 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	24.2	19.5	29.3	
142	73.8	62.4	93.6	



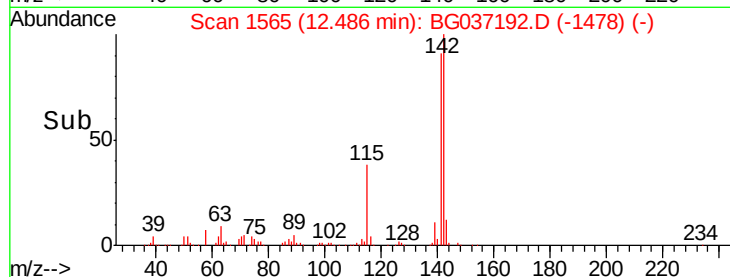
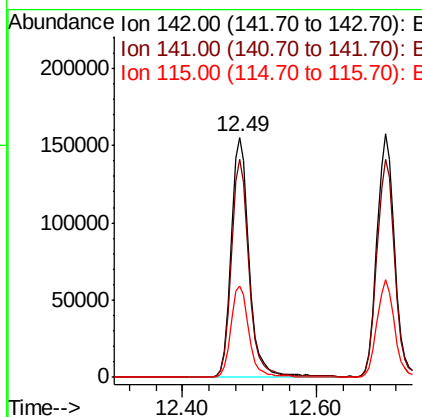
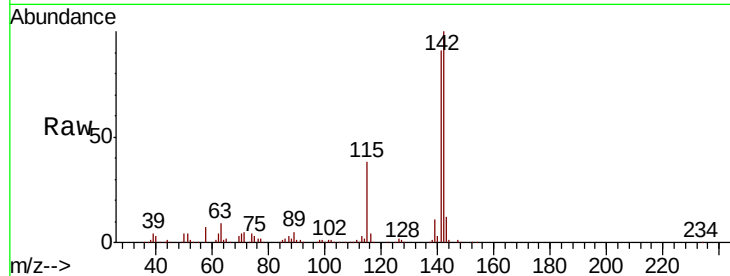


#37
2-Methylnaphthalene
Concen: 43.067 ng
RT: 12.49 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampleId :
PB113546BS

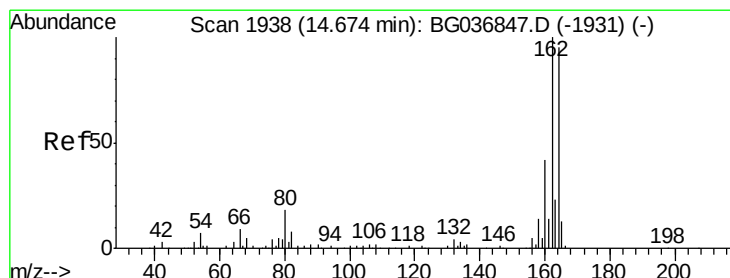
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	68.5	102.7
115	38.1	29.8	44.8

Manual Integrations
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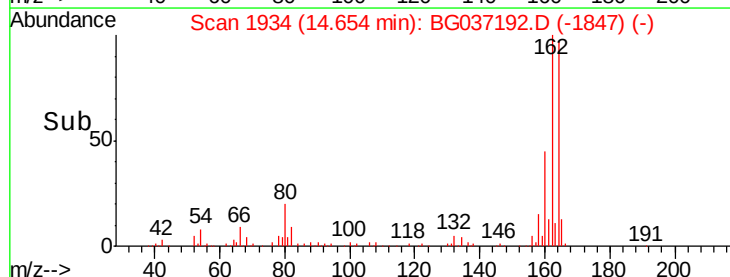
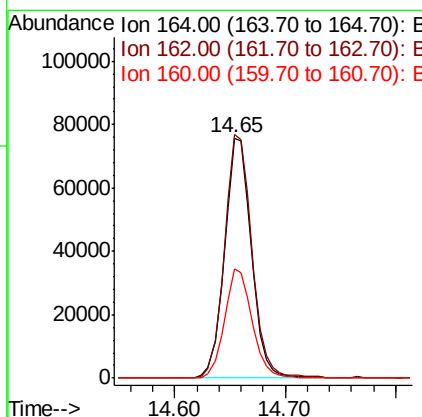
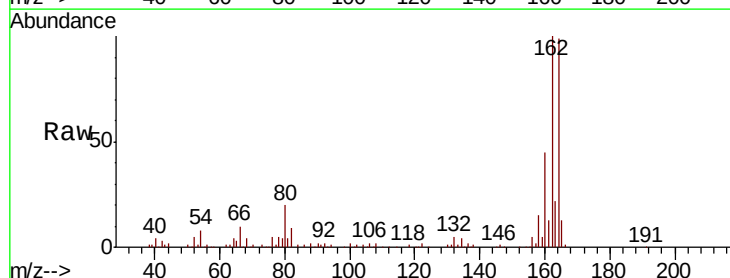
Sohil

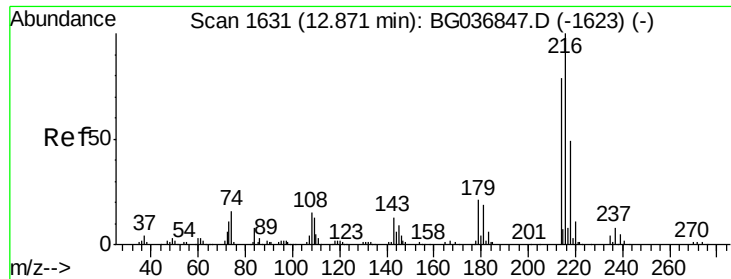
10/8/2018 1:56:06 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.7	121.1
160	45.3	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.670 ng

RT: 12.86 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

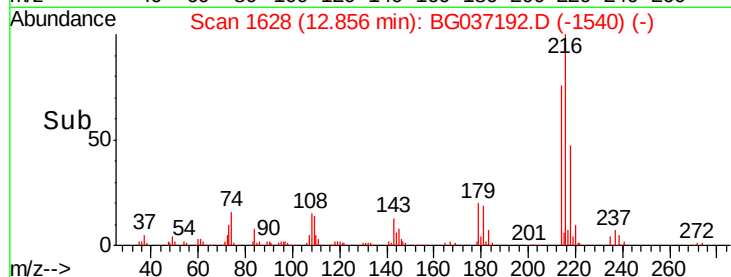
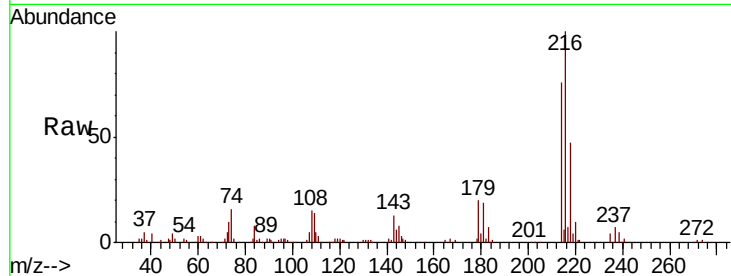
BNA_G

ClientSampleId :

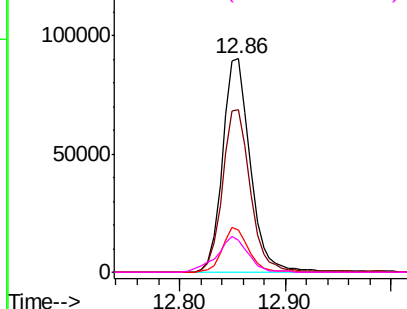
PB113546BS

Tot Ion	Ratio	Lower	Upper
216	100		
214	76.9	61.0	91.6
179	20.1	15.7	23.5
108	18.7	13.1	19.7

Manual Integrations
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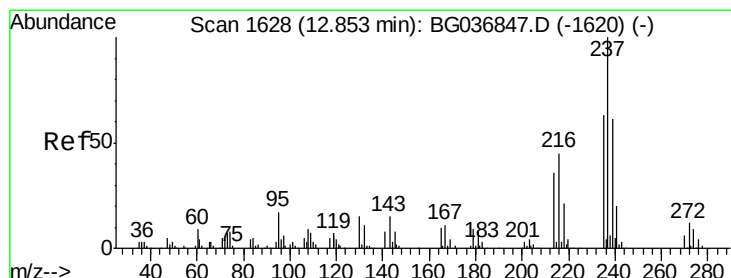


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



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#40

Hexachlorocyclopentadiene

Concen: 73.537 ng

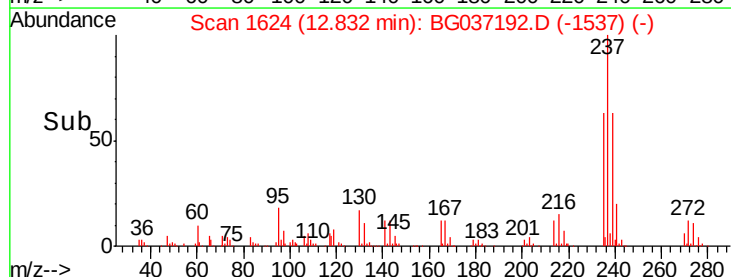
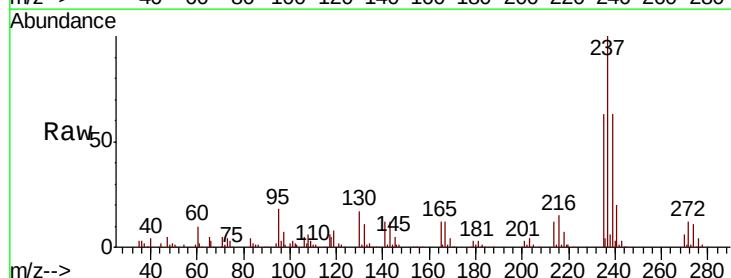
RT: 12.83 min Scan# 1624

Delta R.T. -0.02 min

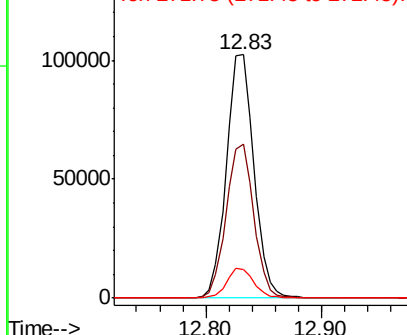
Lab File: BG037192.D

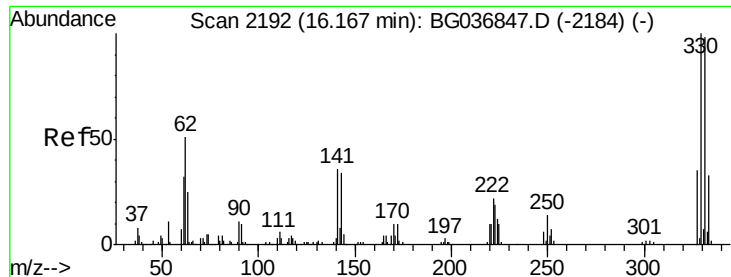
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.2	82.2
272	11.7	0.0	32.1



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



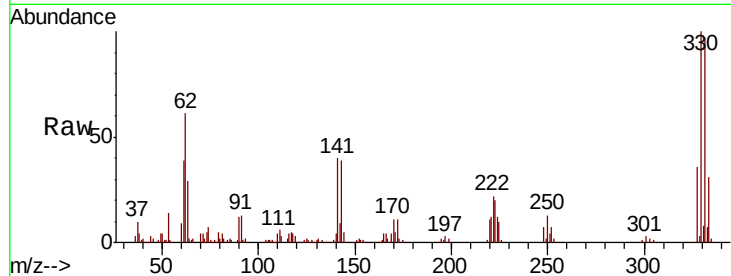


#41
 2,4,6-Tribromophenol
 Concen: 115.681 ng
 RT: 16.15 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Instrument :
 BNA_G
 ClientSampled :
 PB113546BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	178136		
332	94.8		75.4	113.2
141	40.4		30.7	46.1

Manual Integrations
 APPROVED

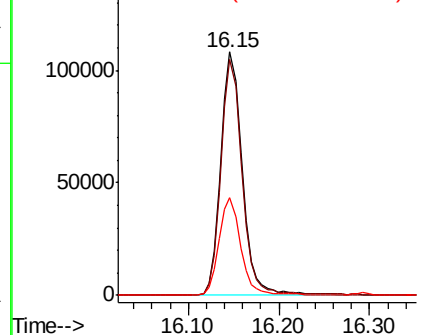


Abundance

Ion 329.80 (329.50 to 330.50): E

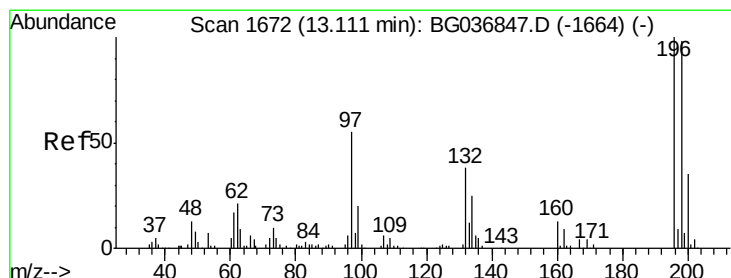
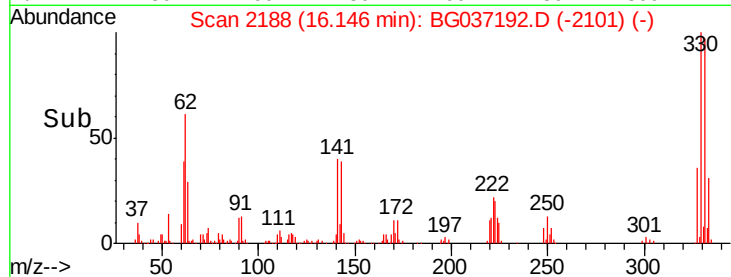
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



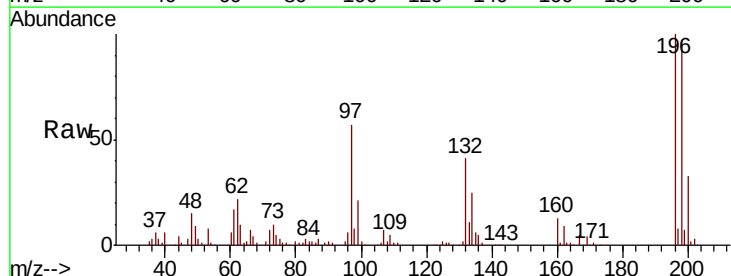
Sohil

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#42
 2,4,6-Trichlorophenol
 Concen: 43.419 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	108233		
198	96.9		77.2	115.8
200	32.9		26.3	39.5

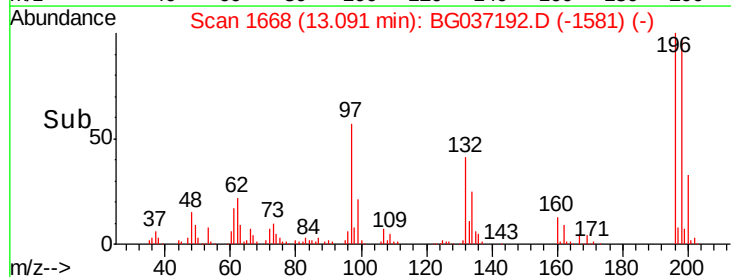
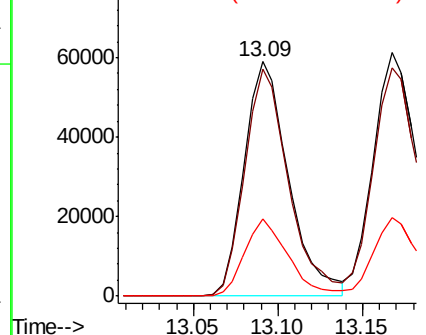


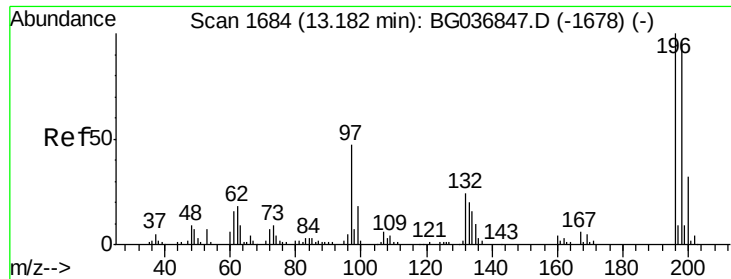
Abundance

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



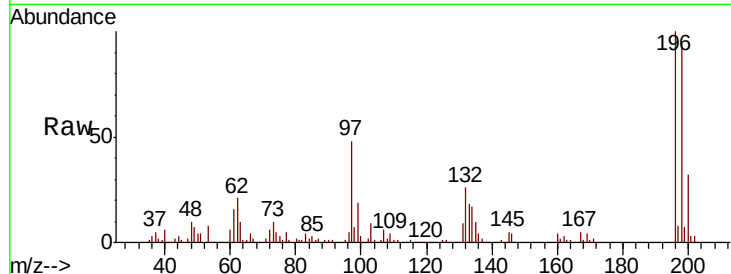


#43
2,4,5-Trichlorophenol
Concen: 46.011 ng
RT: 13.17 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampleId :
PB113546BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	122300		
198	93.9	75.6	113.4	
97	48.0	37.2	55.8	
132	26.0	19.4	29.2	

Manual Integrations
APPROVED



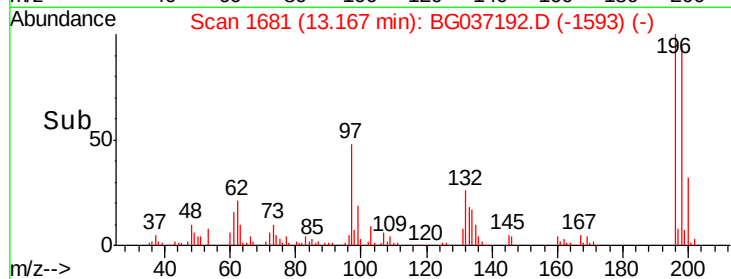
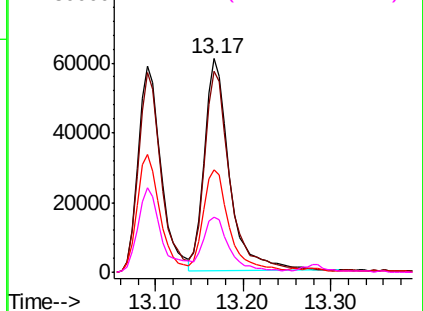
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

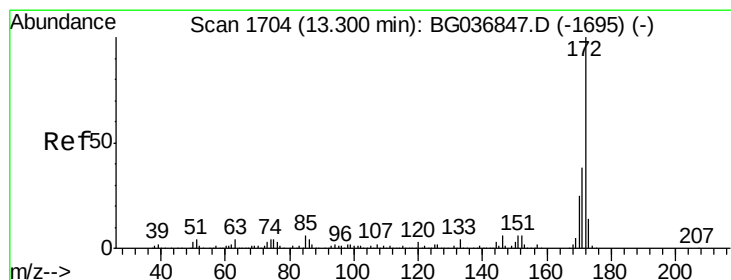
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



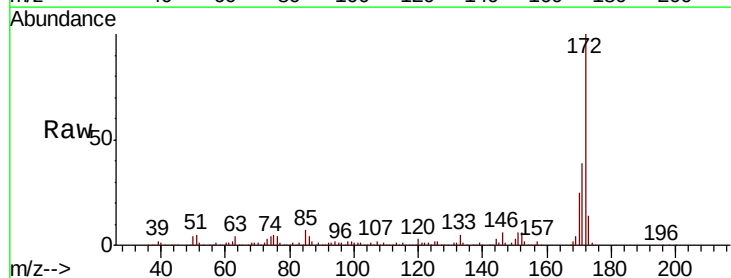
Sohil

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#44
2-Fluorobiphenyl
Concen: 68.135 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	588794		
171	39.2	31.3	46.9	
170	24.9	21.0	31.6	

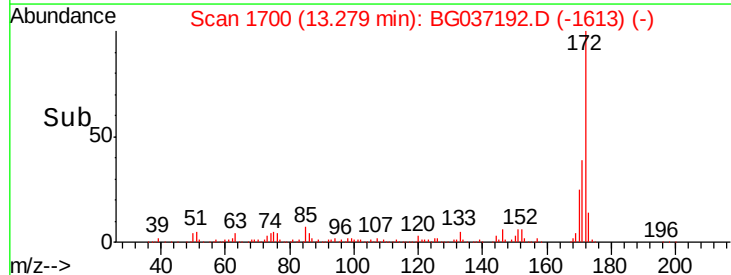
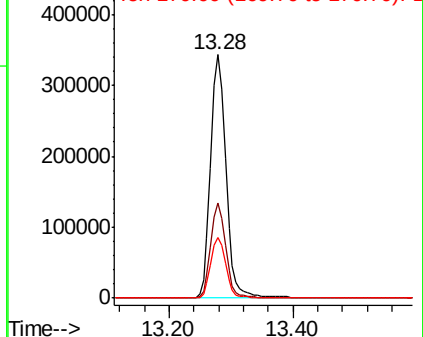


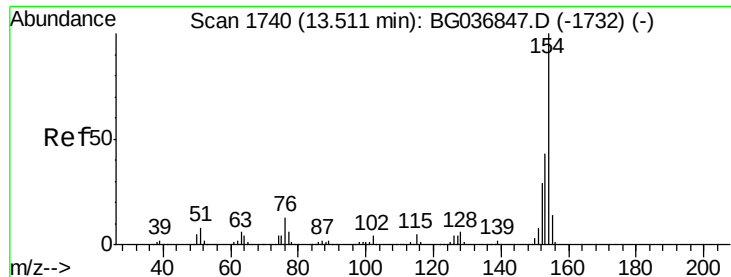
Abundance

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



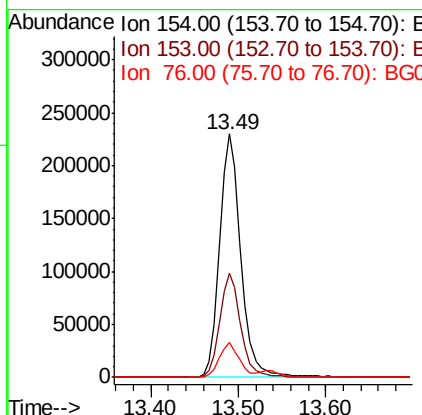
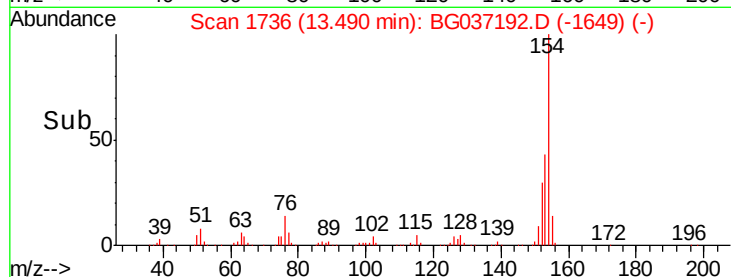
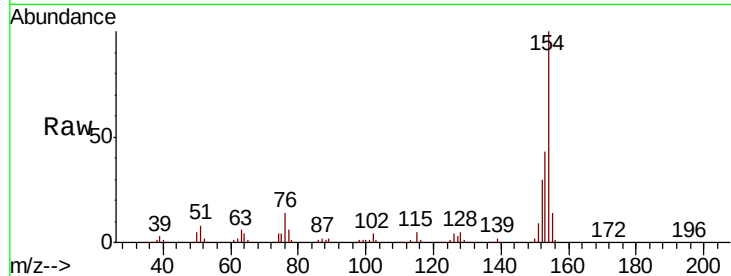


#45
1,1'-Biphenyl
Concen: 39.300 ng
RT: 13.49 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampleId :
PB113546BS

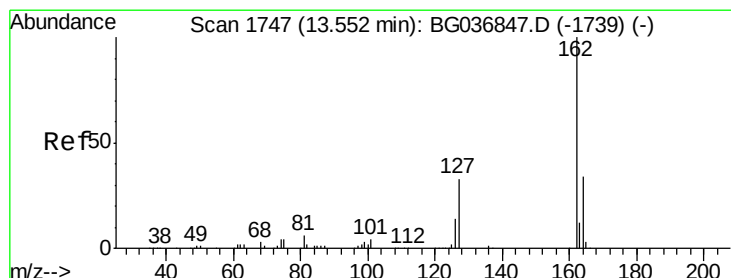
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.6	24.0	64.0
76	14.1	0.0	32.9

Manual Integrations
APPROVED



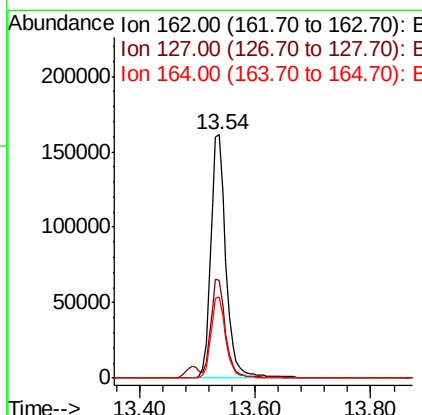
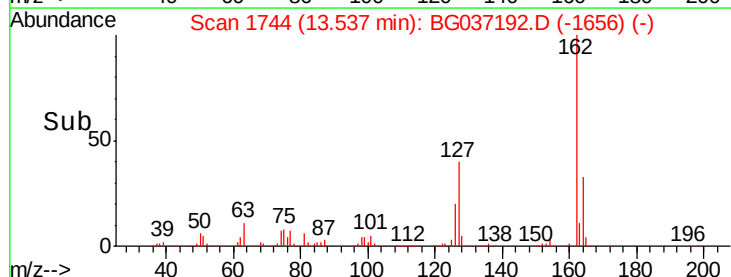
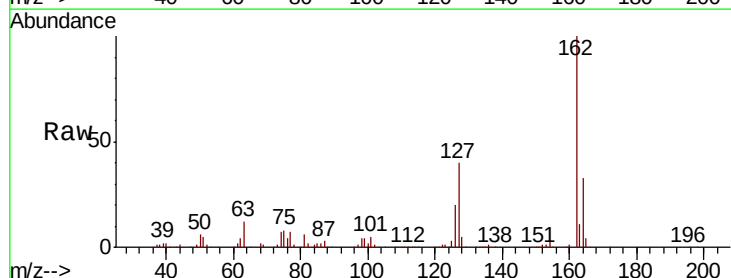
Sohil

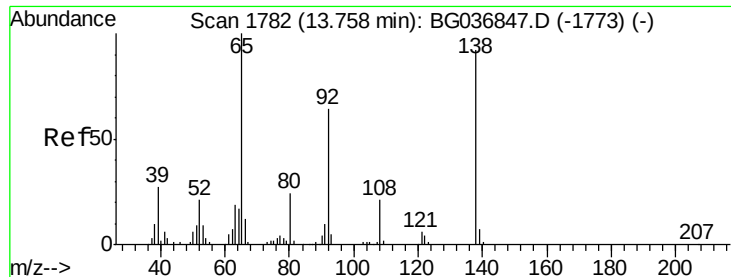
10/8/2018 1:56:06 PM



#46
2-Chloronaphthalene
Concen: 38.233 ng
RT: 13.54 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	30.7	46.1
164	33.2	26.7	40.1





#47

2-Nitroaniline

Concen: 46.247 ng

RT: 13.74 min Scan# 1778

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

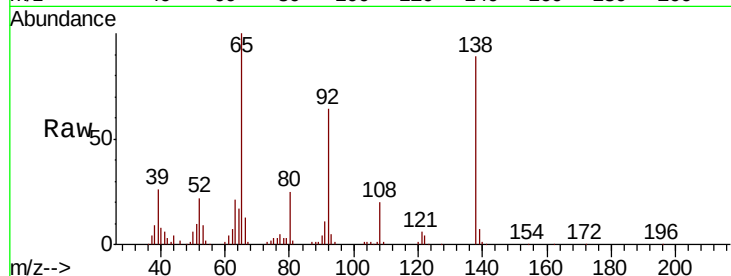
BNA_G

ClientSampled :

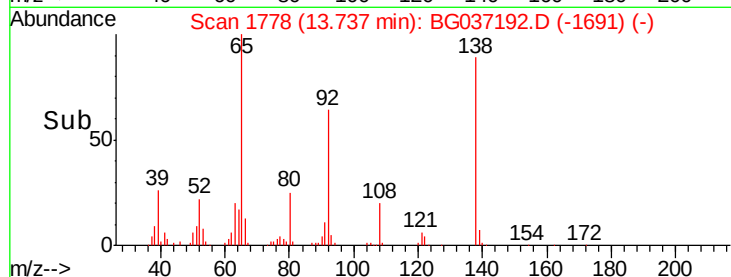
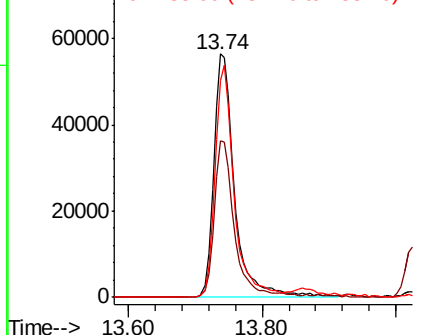
PB113546BS

Tot Ion:	65	Resp:	123997
Ion	Ratio	Lower	Upper
65	100		
92	64.4	49.9	74.9
138	89.1	76.2	114.4

Manual Integrations
APPROVED

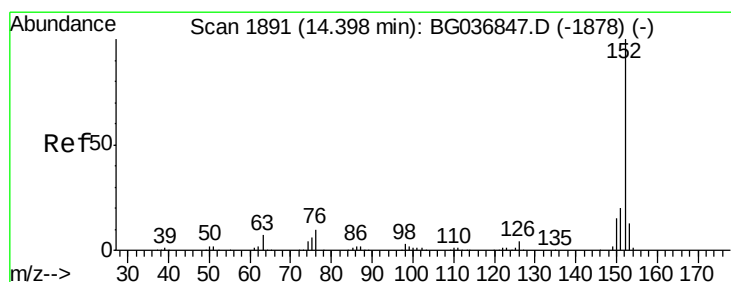


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



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#48

Acenaphthylene

Concen: 42.398 ng

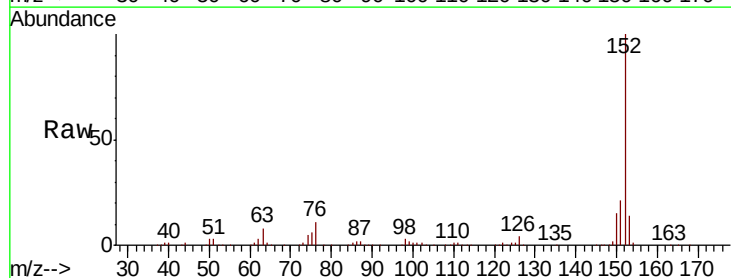
RT: 14.38 min Scan# 1887

Delta R.T. -0.02 min

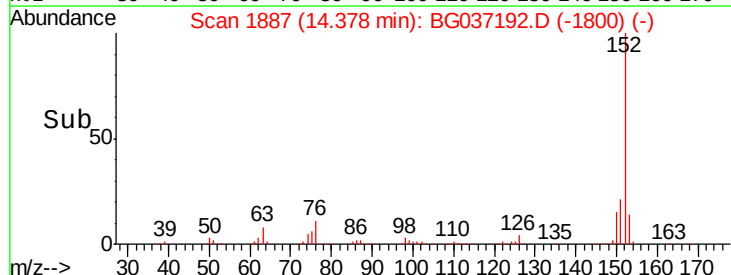
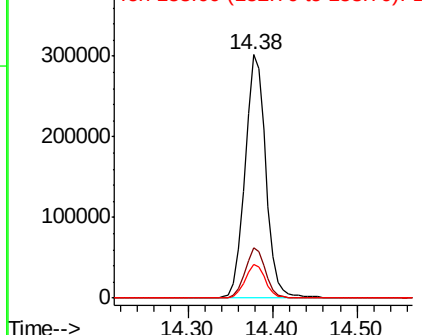
Lab File: BG037192.D

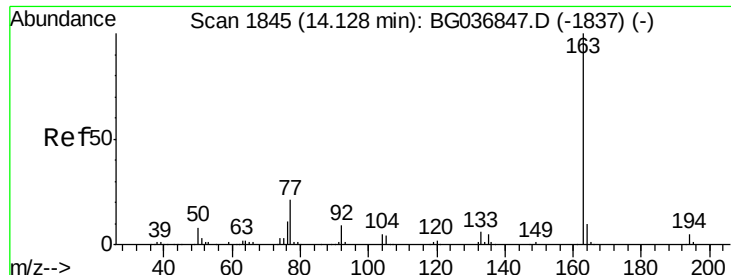
Acq: 5 Oct 2018 16:27

Tgt Ion:	152	Resp:	515007
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.9	25.3
153	13.8	11.2	16.8



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



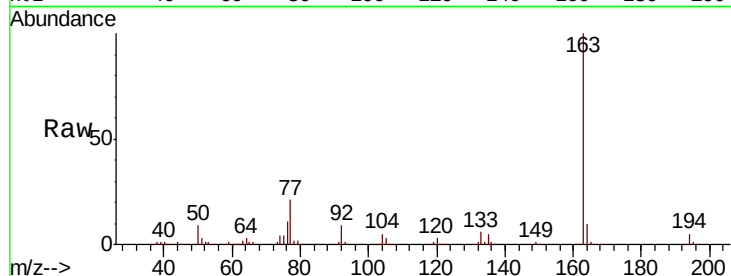


#49
Dimethylphthalate
Concen: 40.658 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampled :
PB113546BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	421212		
194	4.9	4.0	6.0	
164	10.0	8.1	12.1	

Manual Integrations
APPROVED

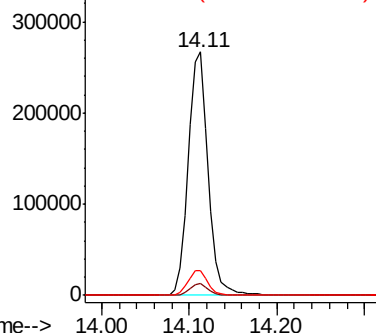


Abundance

Ion 163.00 (162.70 to 163.70): E

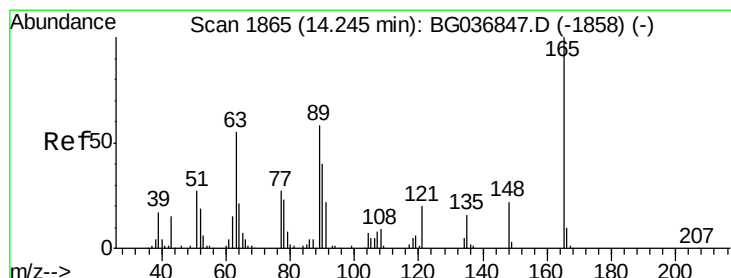
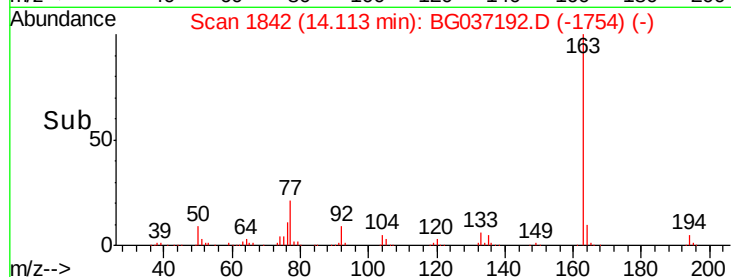
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



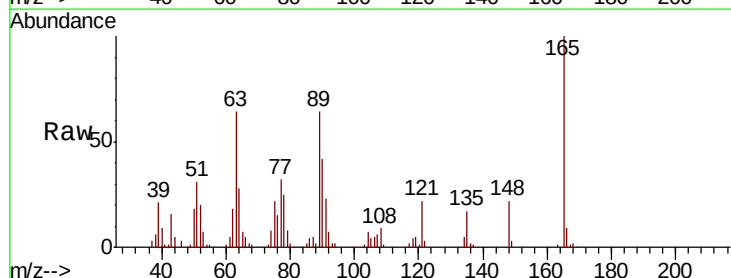
Sohil

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#50
2,6-Dinitrotoluene
Concen: 41.832 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	94556		
63	64.3	50.1	75.1	
89	64.2	47.8	71.6	

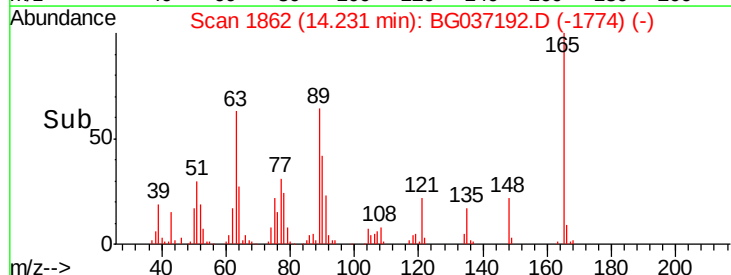
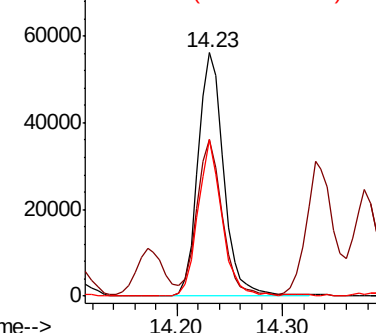


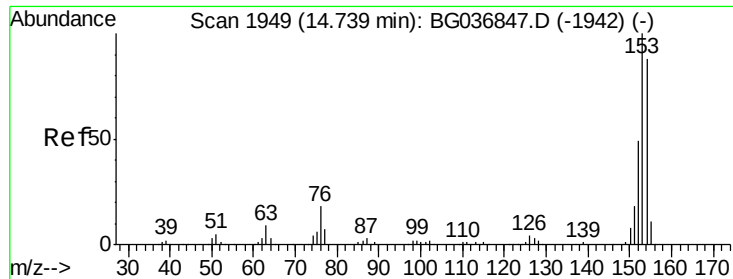
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.958 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

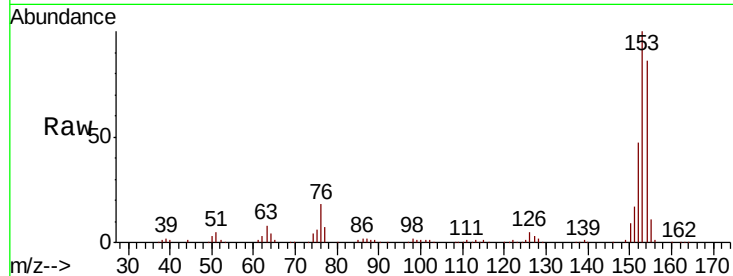
BNA_G

ClientSampleId :

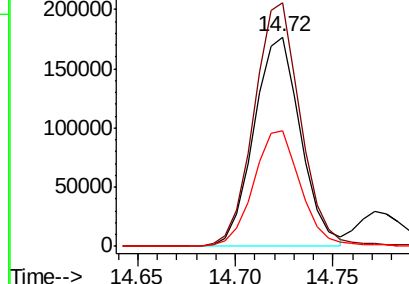
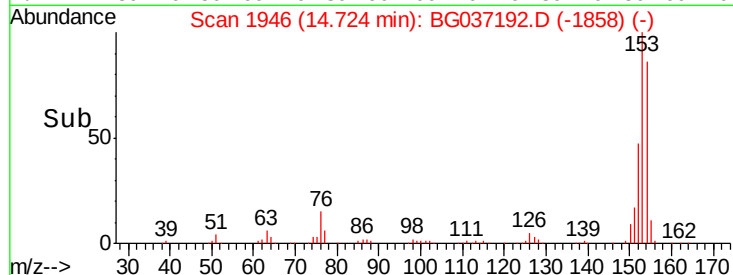
PB113546BS

Tot Ion:	154	Resp:	293346
Ion	Ratio	Lower	Upper
154	100		
153	116.2	91.8	137.6
152	55.2	43.5	65.3

Manual Integrations
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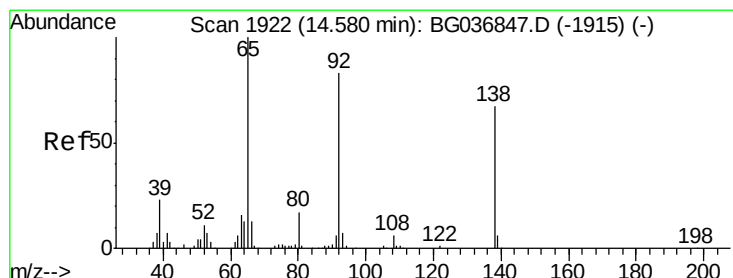


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



Sohil

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#52

3-Nitroaniline

Concen: 32.713 ng

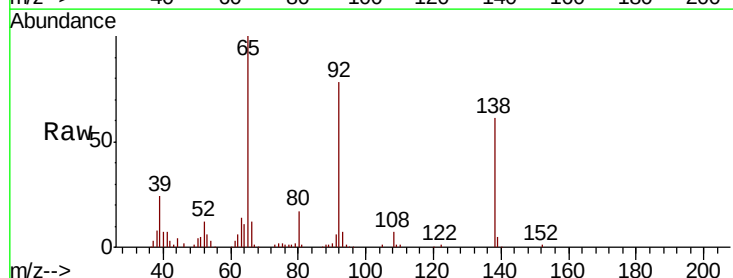
RT: 14.57 min Scan# 1919

Delta R.T. -0.01 min

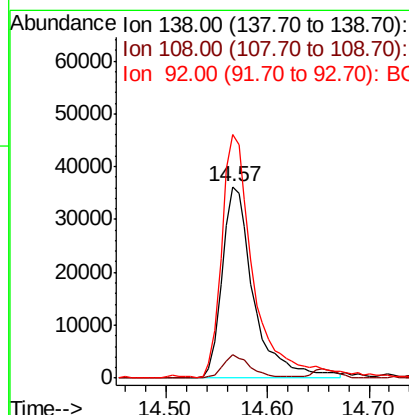
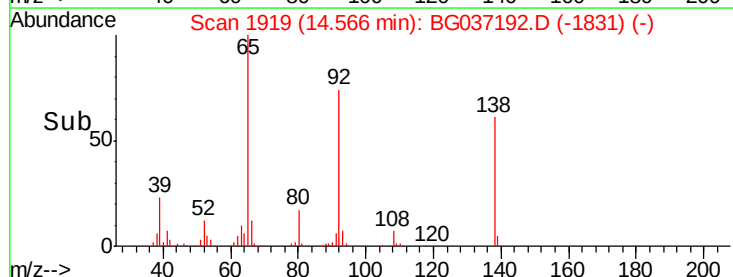
Lab File: BG037192.D

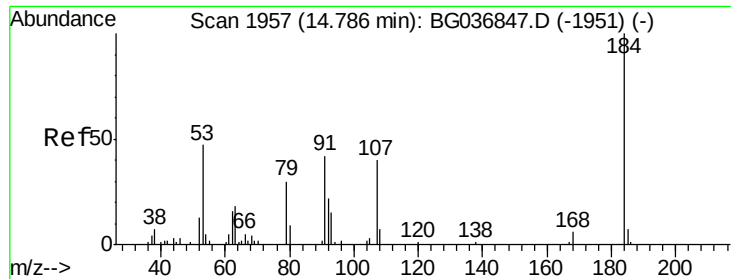
Acq: 5 Oct 2018 16:27

Tgt Ion:	138	Resp:	77919
Ion	Ratio	Lower	Upper
138	100		
108	12.0	9.4	14.2
92	127.0	96.8	145.2



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): BGC



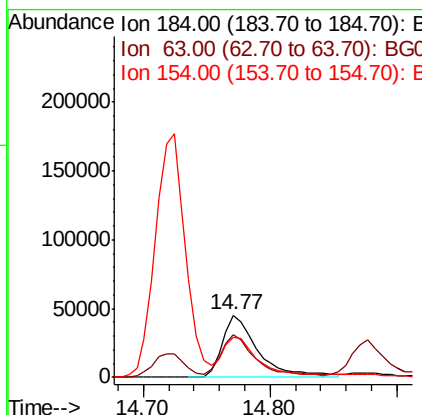
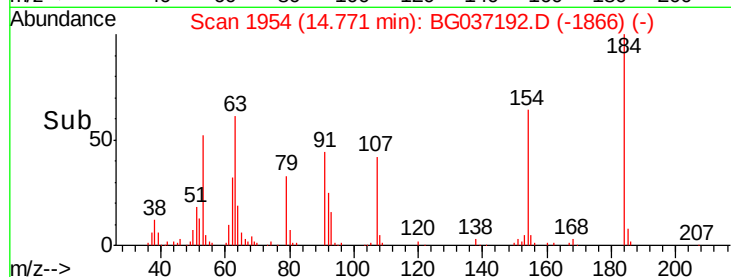
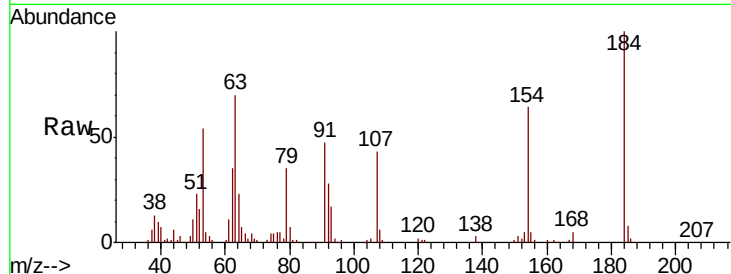


#53
2,4-Dinitrophenol
Concen: 83.114 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampleId :
PB113546BS

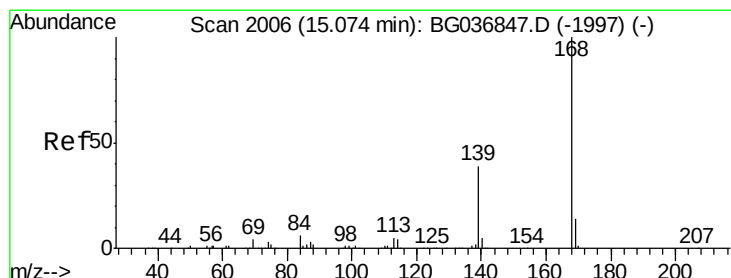
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	69.6	47.3	70.9	
154	64.5	51.1	76.7	

Manual Integrations
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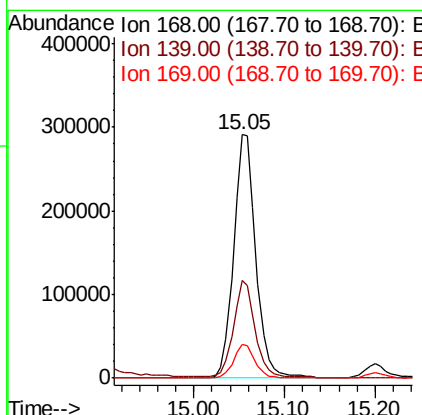
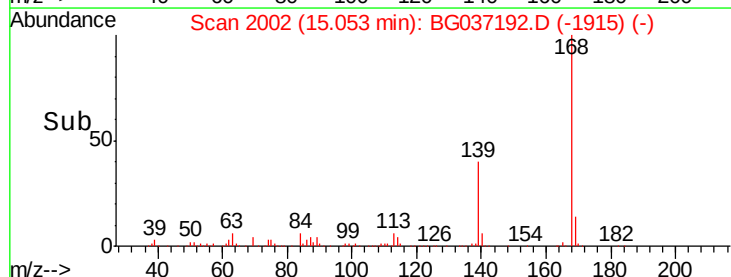
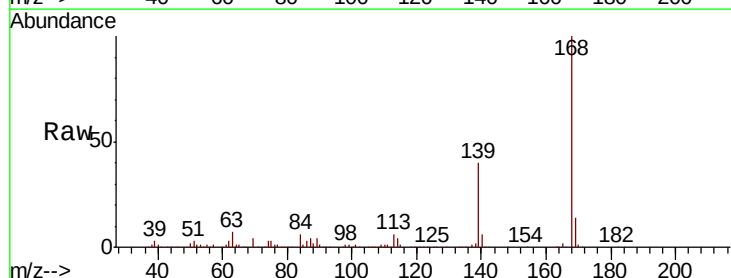
Sohil

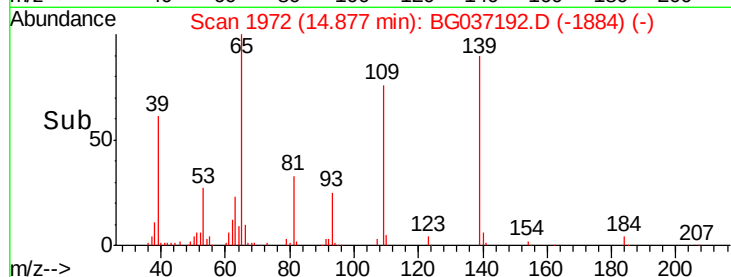
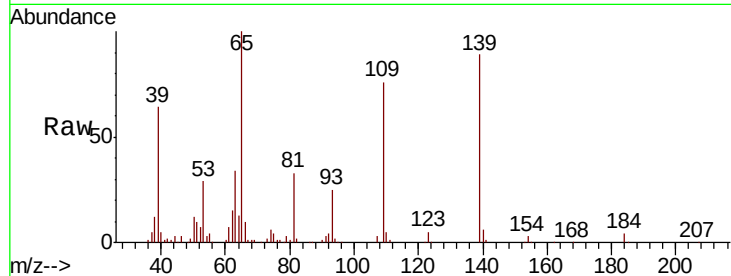
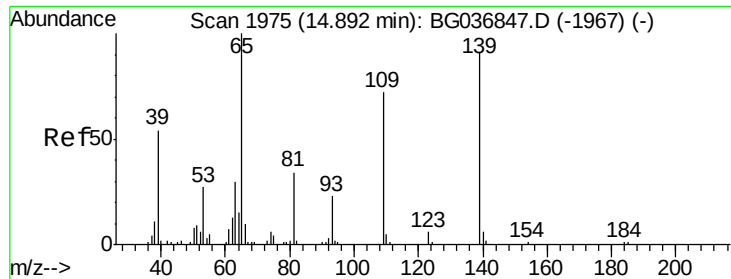
10/8/2018 1:56:06 PM



#54
Dibenzofuran
Concen: 40.070 ng
RT: 15.05 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.3	31.0	46.6	
169	13.6	11.1	16.7	



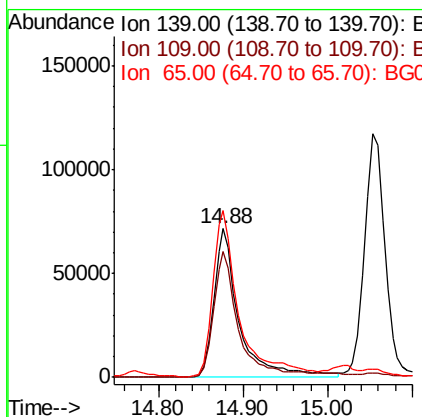


#55
4-Nitrophenol
Concen: 99.325 ng
RT: 14.88 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tot Ion	Ratio	Resp	Lower	Upper
139	100	151136		
109	85.1	63.9	103.9	
65	112.3	90.0	130.0	

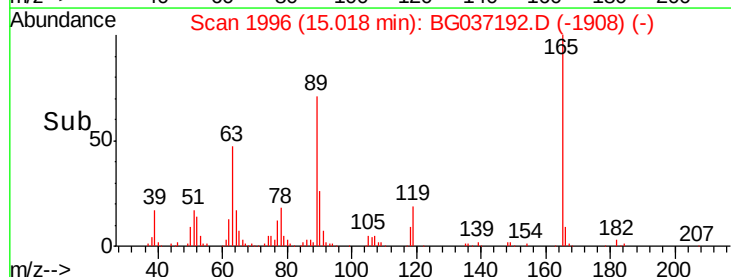
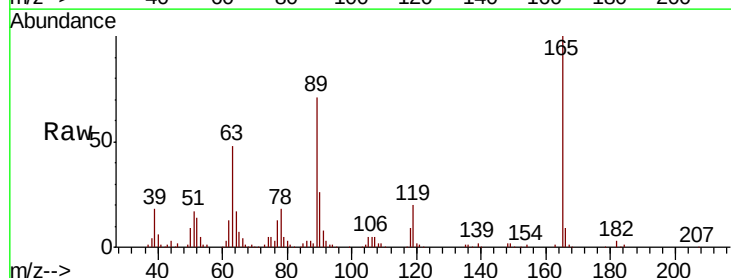
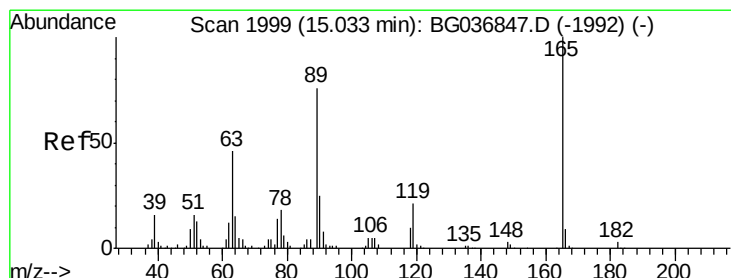
Instrument :
BNA_G
ClientSampleId :
PB113546BS

Manual Integrations
APPROVED



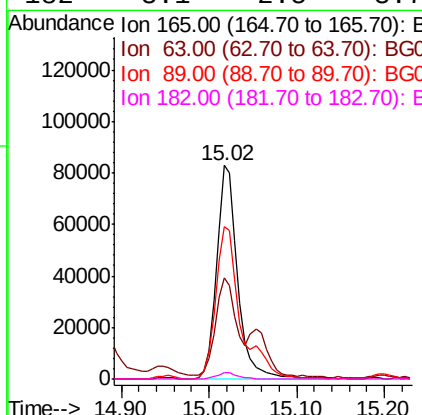
Sohil

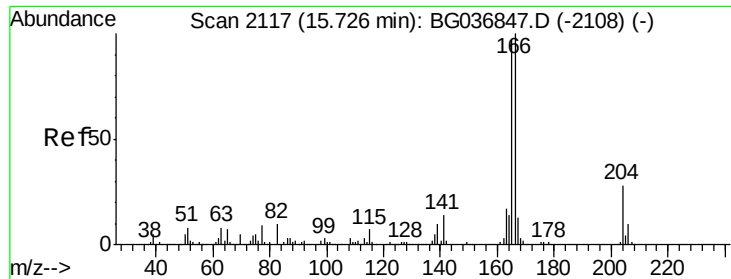
10/8/2018 1:56:06 PM



#56
2,4-Dinitrotoluene
Concen: 43.949 ng
RT: 15.02 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	138619		
63	47.6	40.1	60.1	
89	71.3	63.7	95.5	
182	3.1	2.5	3.7	





#57

Fluorene

Concen: 43.708 ng

RT: 15.71 min Scan# 2113

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

BNA_G

ClientSampleId :

PB113546BS

Tot Ion:166 Resp: 405675

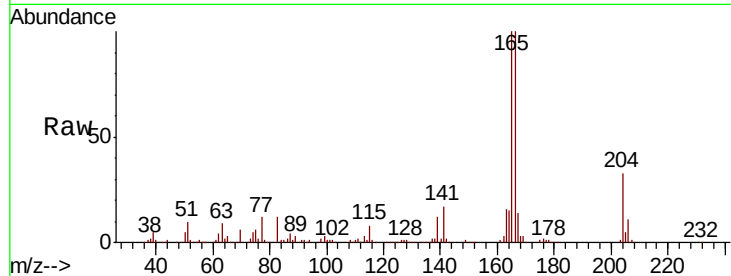
Ion Ratio Lower Upper

166 100

165 100.3 77.0 115.4

167 14.0 10.6 16.0

Manual Integrations
APPROVED

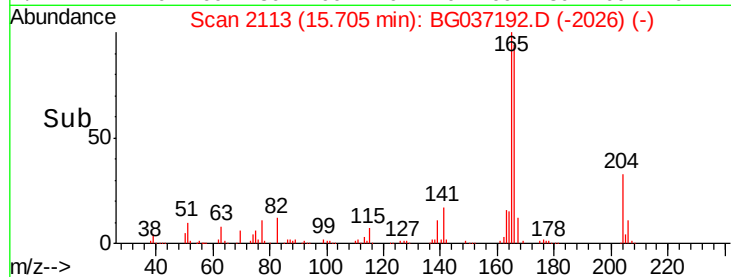
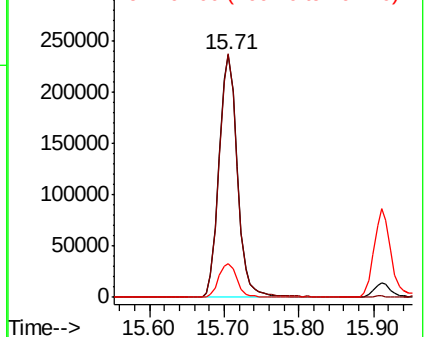


Abundance

Ion 166.00 (165.70 to 166.70): E

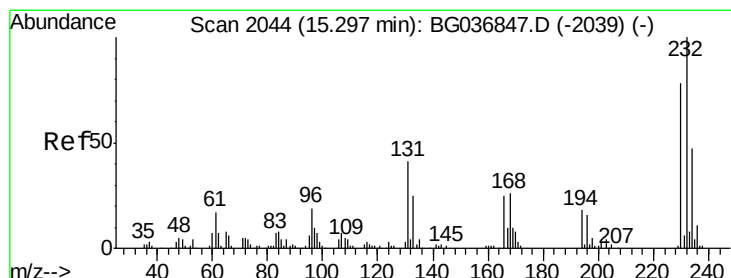
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Sohil

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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.240 ng

RT: 15.28 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Tgt Ion:232 Resp: 124685

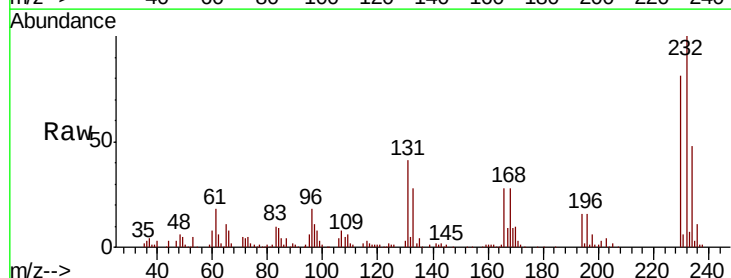
Ion Ratio Lower Upper

232 100

131 42.9 33.8 50.8

130 2.4 2.1 3.1

166 28.7 22.3 33.5



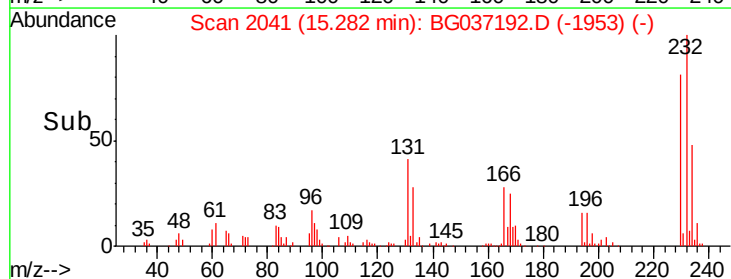
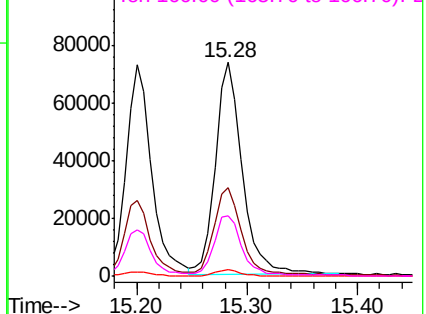
Abundance

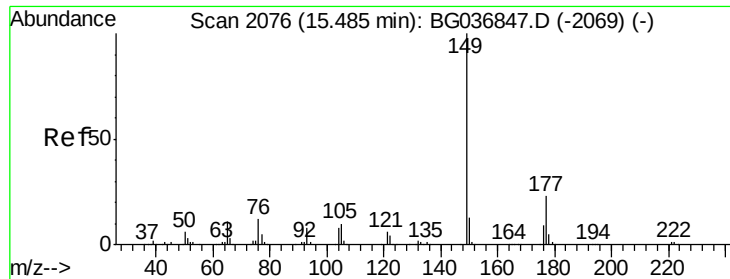
Ion 232.00 (231.70 to 232.70): E

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



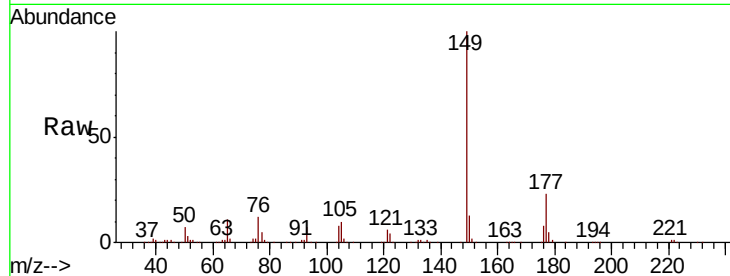


#59
Diethylphthalate
Concen: 41.410 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

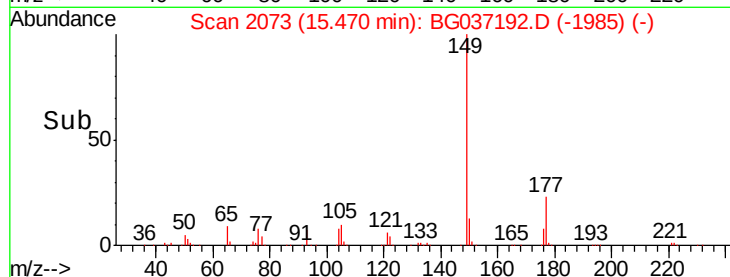
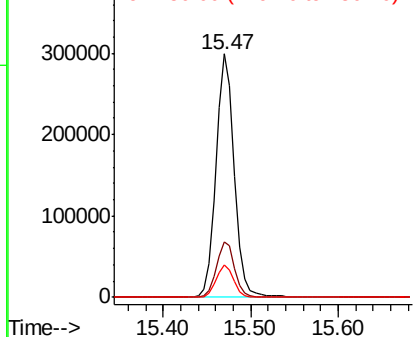
Instrument :
BNA_G
ClientSampled :
PB113546BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.0	19.1	28.7
150	13.1	10.7	16.1

Manual Integrations
APPROVED

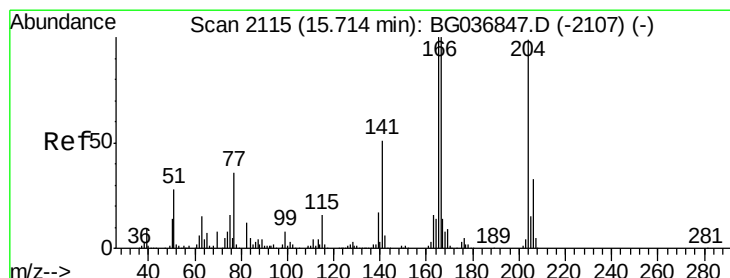


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



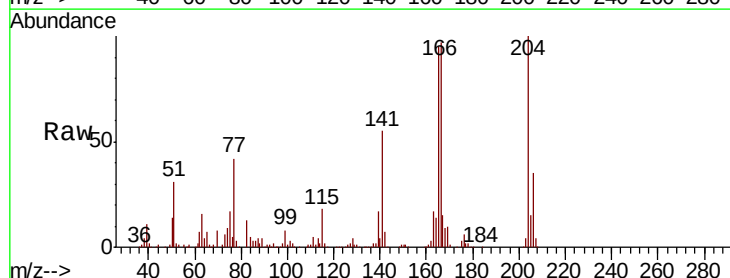
Sohil

10/8/2018 1:56:06 PM

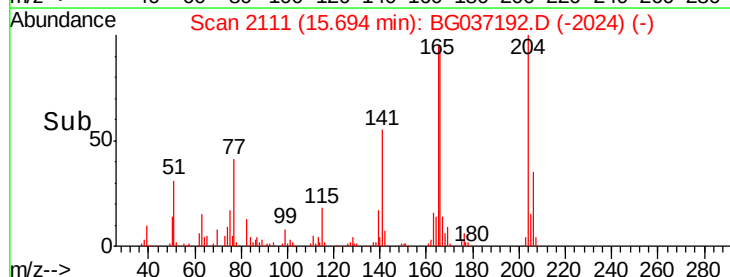
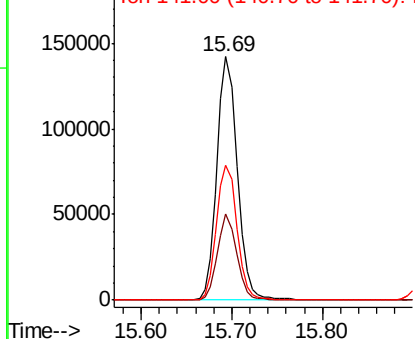


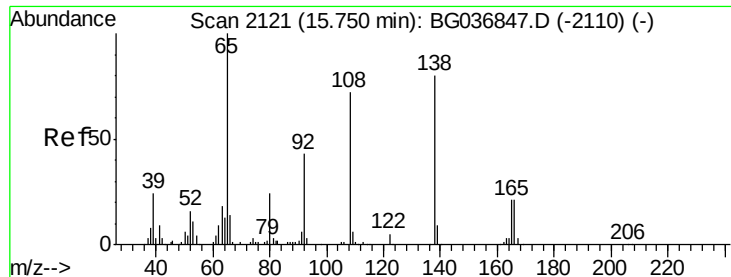
#60
4-Chlorophenyl-phenylether
Concen: 37.862 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.1	27.0	40.4
141	55.1	43.8	65.6



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



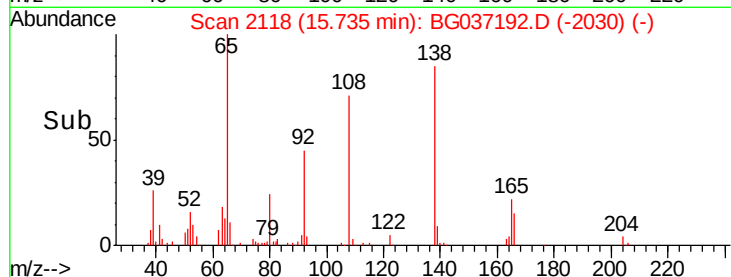
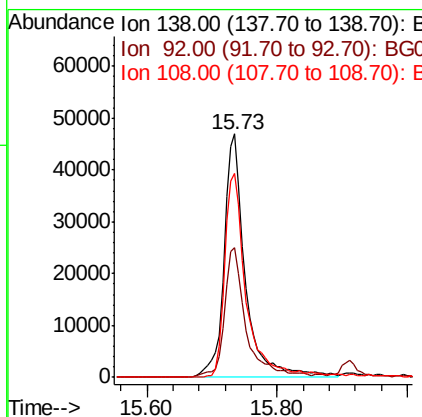
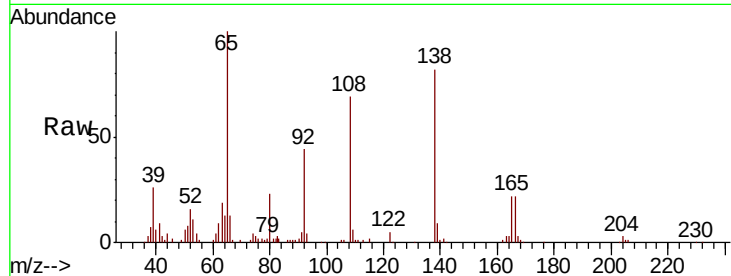


#61
4-Nitroaniline
Concen: 42.531 ng
RT: 15.73 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampled :
PB113546BS

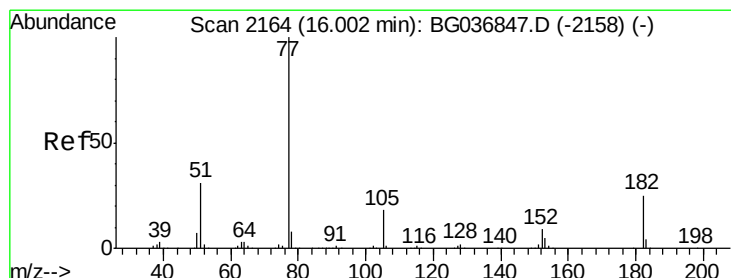
Tot Ion	Ratio	Lower	Upper
138	100		
92	53.4	38.5	78.5
108	83.7	70.3	110.3

Manual Integrations
APPROVED



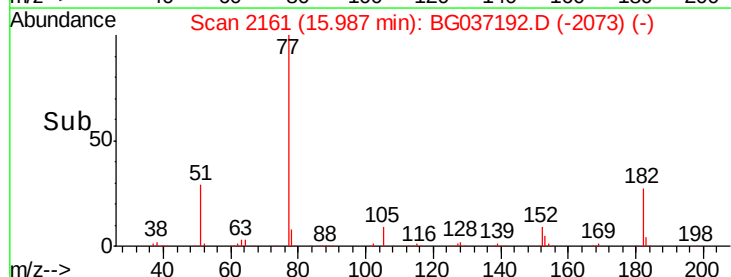
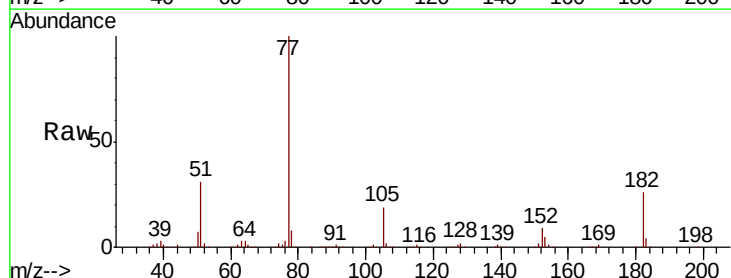
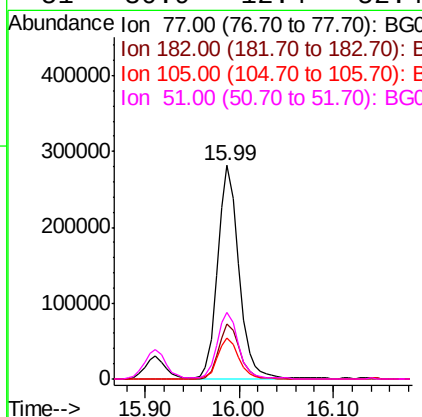
Sohil

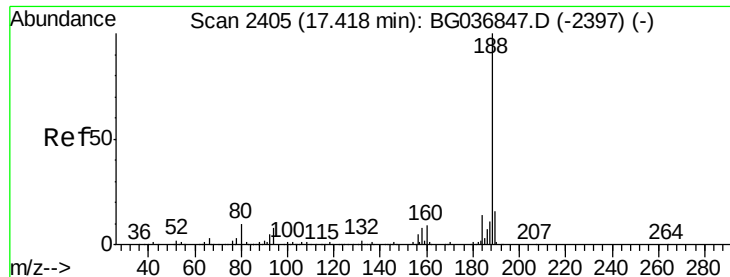
10/8/2018 1:56:06 PM



#62
Azobenzene
Concen: 44.229 ng
RT: 15.99 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.7	6.7	46.7
105	19.2	0.0	39.8
51	30.9	12.4	52.4



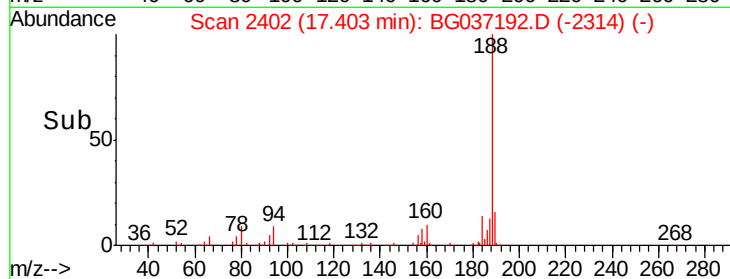
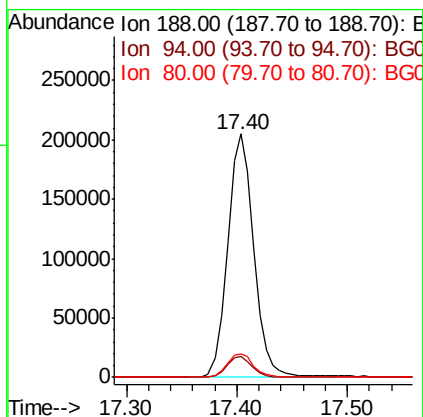
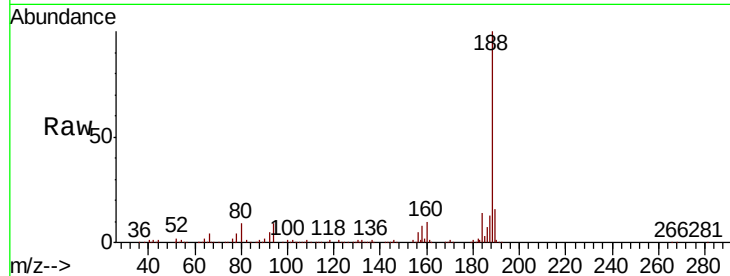


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampled :
PB113546BS

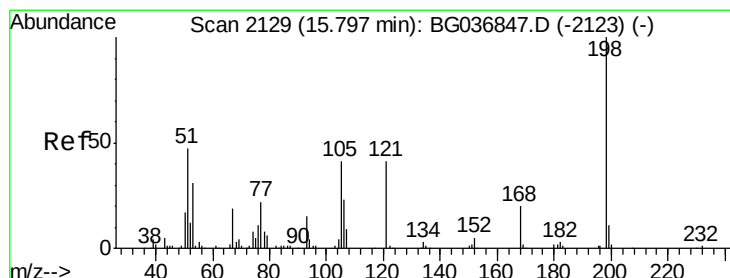
Tot Ion:	188	Resp:	339641
Ion Ratio	Lower	Upper	
188	100		
94	8.8	6.7	10.1
80	9.4	8.1	12.1

Manual Integrations
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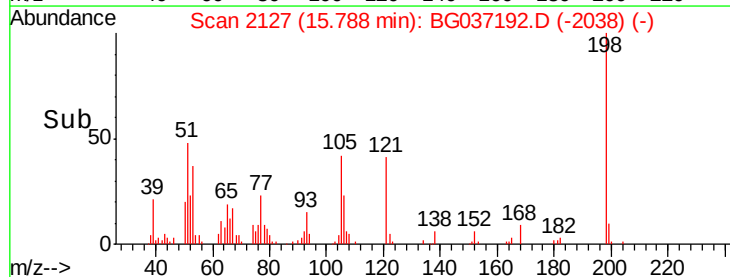
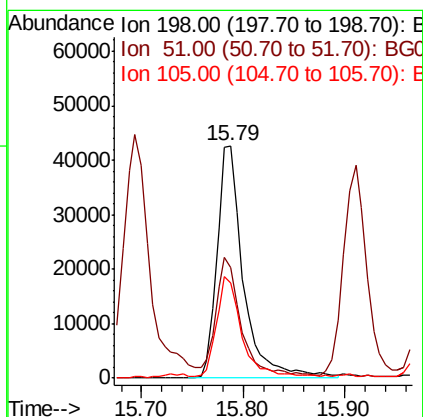
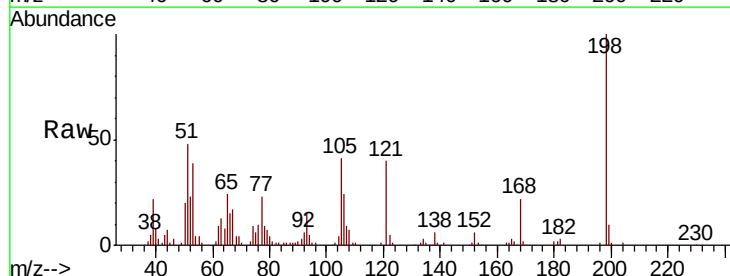
Sohil

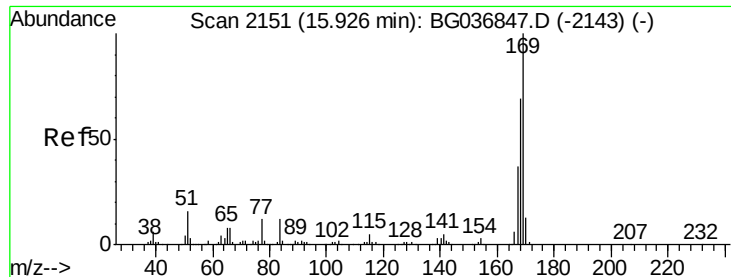
10/8/2018 1:56:06 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 43.117 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion:	198	Resp:	76562
Ion Ratio	Lower	Upper	
198	100		
51	47.5	26.5	66.5
105	40.8	20.2	60.2



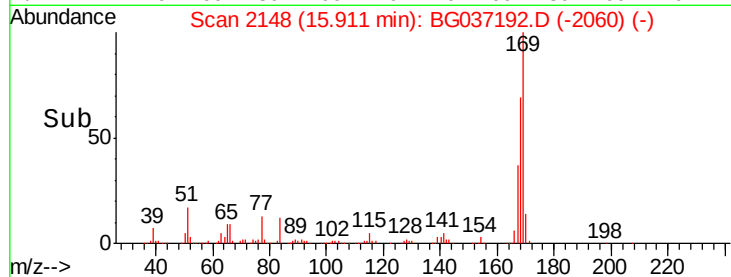
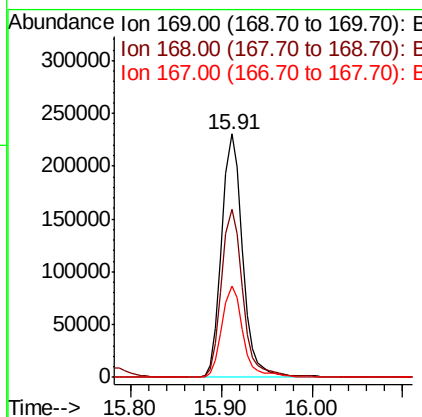
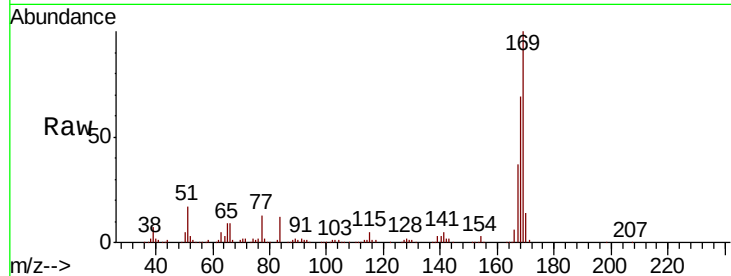


#65
n-Nitrosodiphenylamine
Concen: 39.761 ng
RT: 15.91 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampleId :
PB113546BS

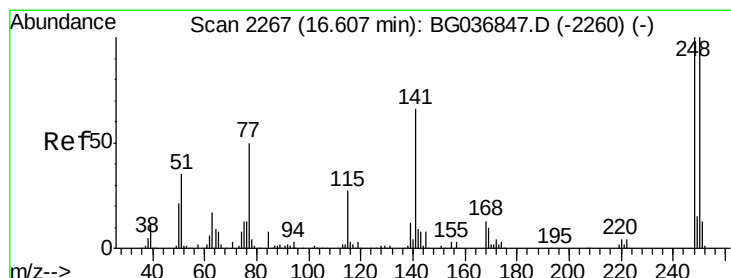
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.9	57.6	86.4
167	37.4	31.0	46.4

Manual Integrations
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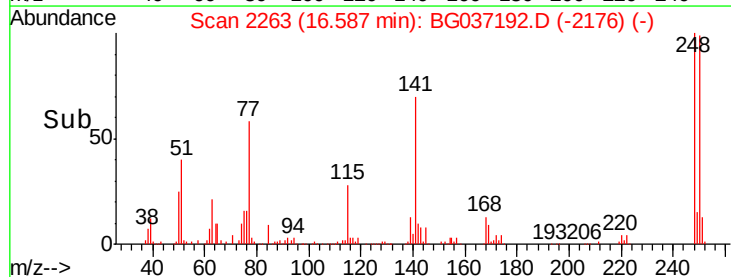
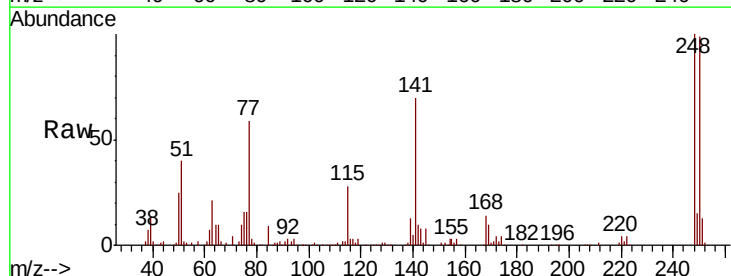
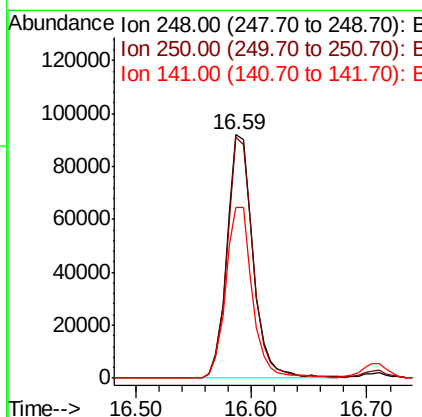
Sohil

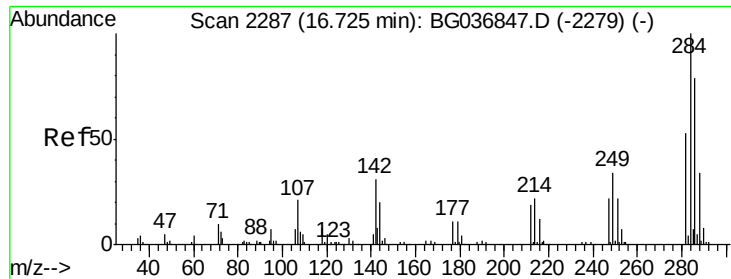
10/8/2018 1:56:06 PM



#66
4-Bromophenyl-phenylether
Concen: 37.242 ng
RT: 16.59 min Scan# 2263
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.1	78.1	117.1
141	70.0	53.7	80.5





#67

Hexachlorobenzene

Concen: 36.734 ng

RT: 16.71 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

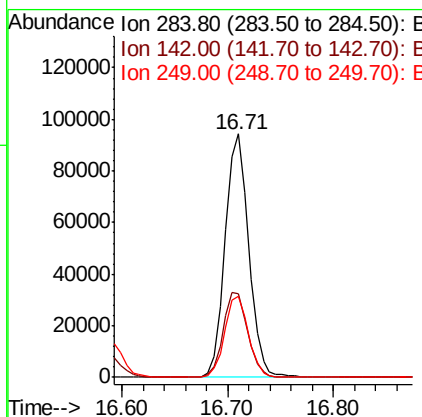
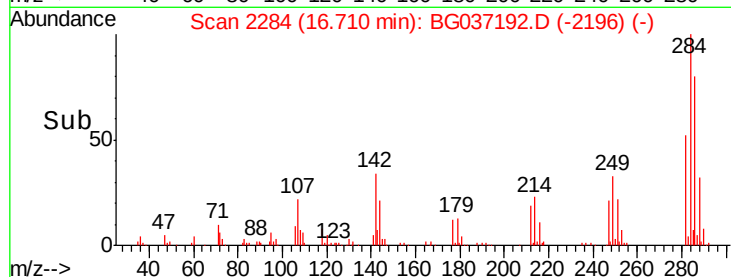
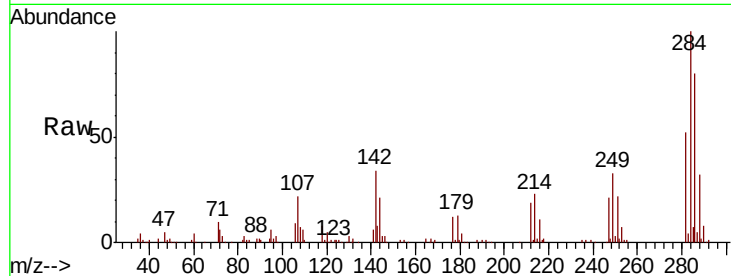
BNA_G

ClientSampleId :

PB113546BS

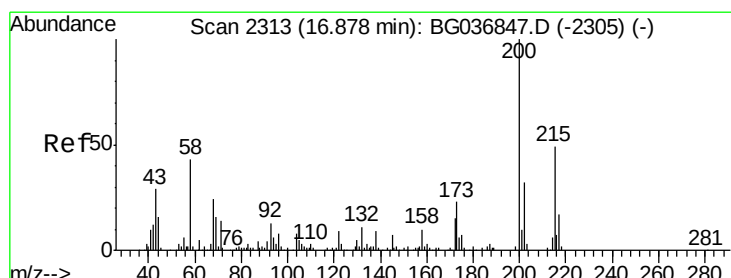
Tot Ion:	284	Resp:	146160
Ion Ratio		Lower	Upper
284	100		
142	34.5	27.8	41.6
249	33.3	27.4	41.2

Manual Integrations
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#68

Atrazine

Concen: 39.891 ng

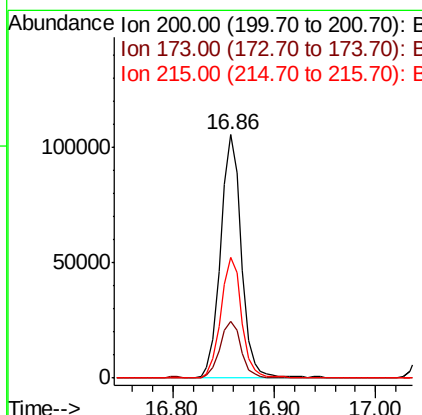
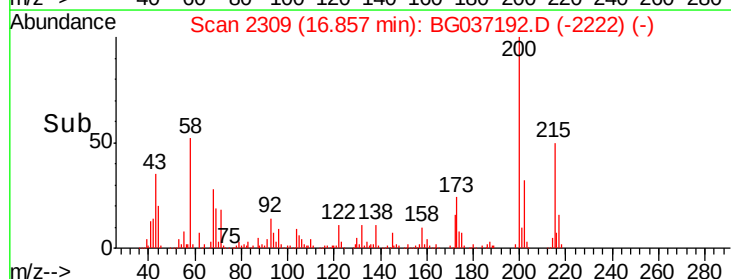
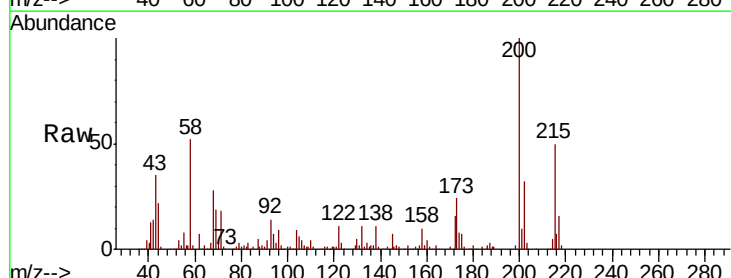
RT: 16.86 min Scan# 2309

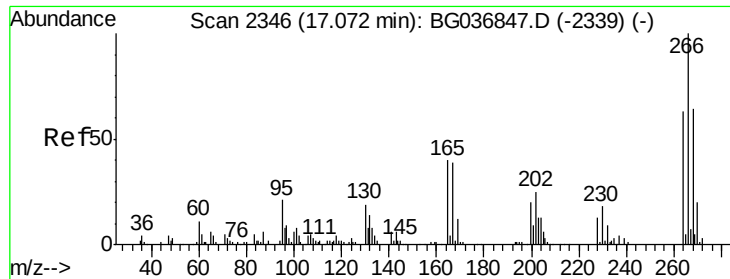
Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Tgt Ion:	200	Resp:	151452
Ion Ratio		Lower	Upper
200	100		
173	23.5	3.9	43.9
215	49.8	30.4	70.4



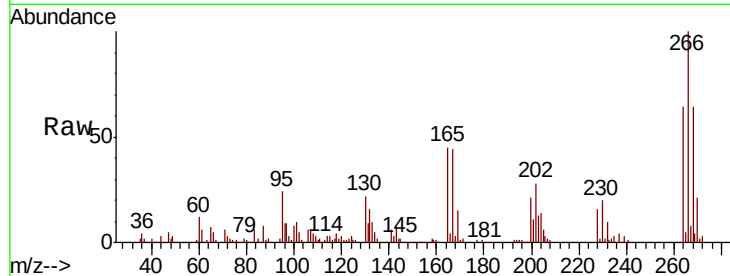


#69
 Pentachlorophenol
 Concen: 67.305 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. -0.02 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Instrument :
 BNA_G
 ClientSampled :
 PB113546BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.4	77.2
264	64.4	48.9	73.3

Manual Integrations
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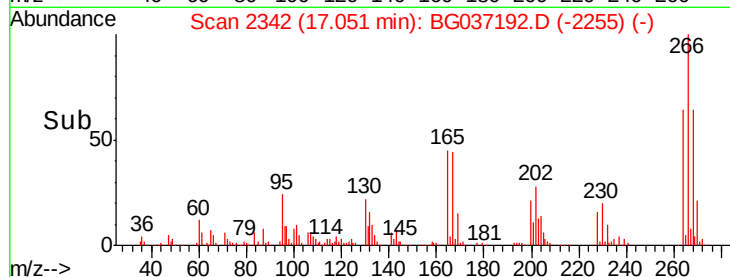
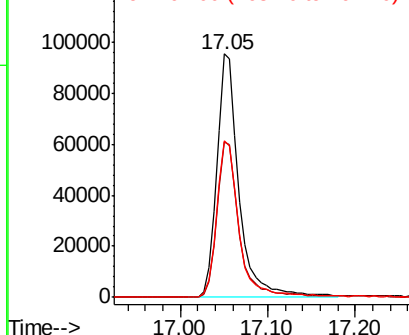


Abundance

Ion 265.70 (265.40 to 266.40): E

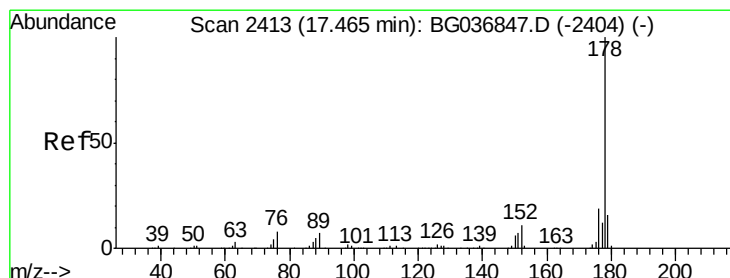
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



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#70
 Phenanthrene
 Concen: 42.200 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. -0.02 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

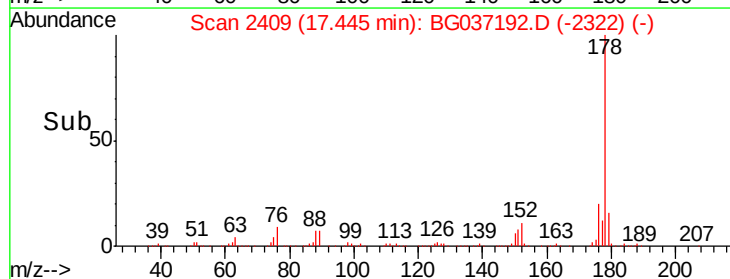
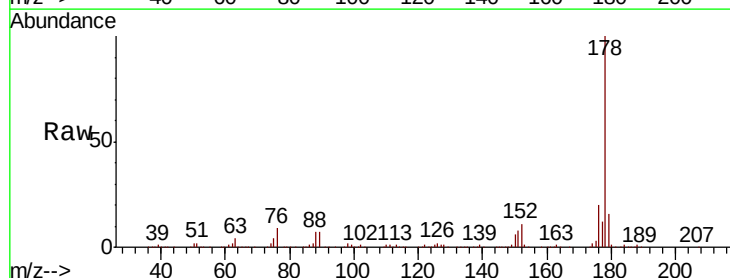
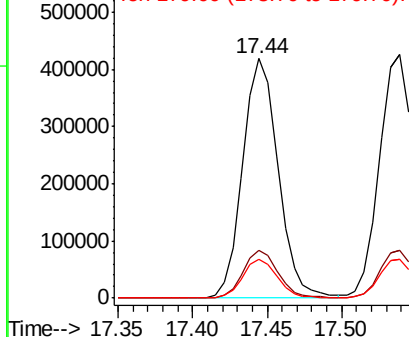
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.2
179	16.5	13.4	20.2

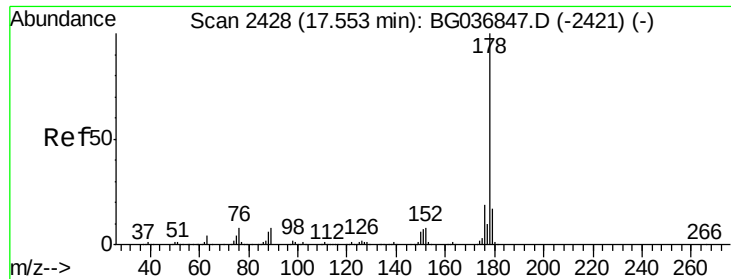
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



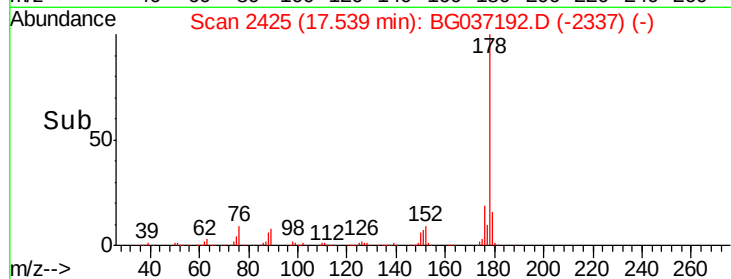
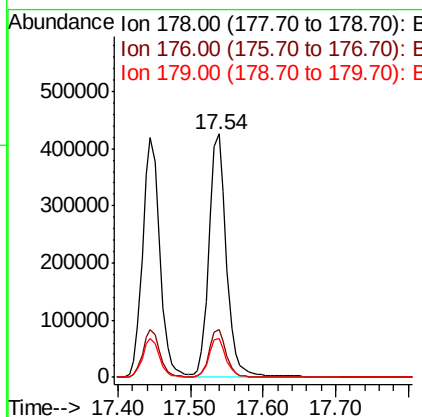
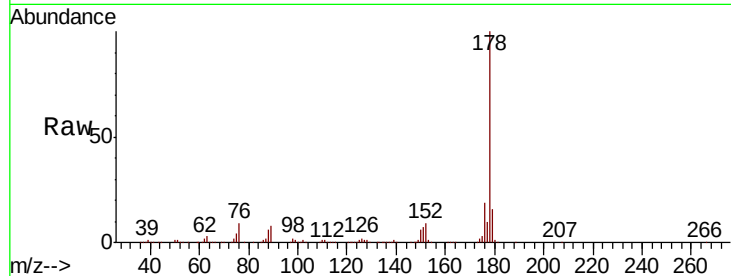


#71
 Anthracene
 Concen: 44.104 ng
 RT: 17.54 min Scan# 2425
 Delta R.T. -0.01 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Instrument :
 BNA_G
 ClientSampleId :
 PB113546BS

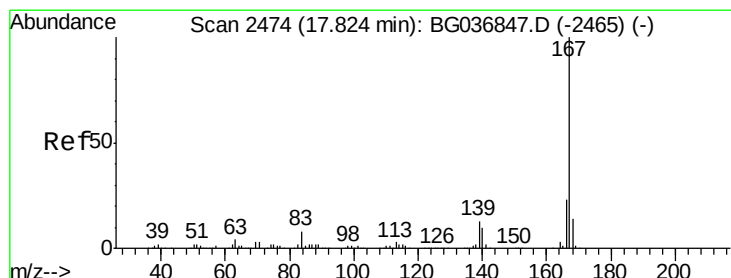
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.8	13.0	19.4

Manual Integrations
 APPROVED



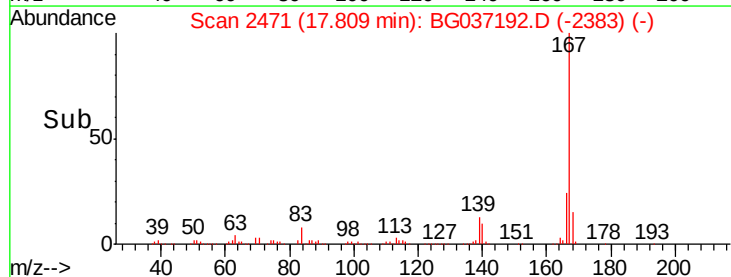
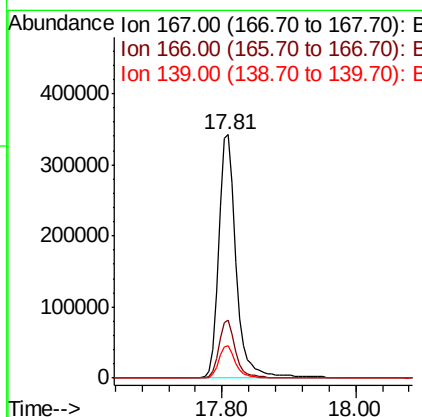
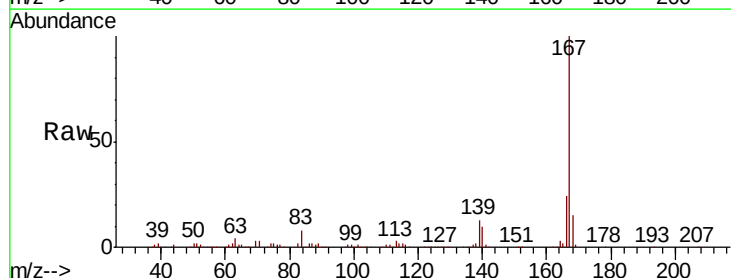
Sohil

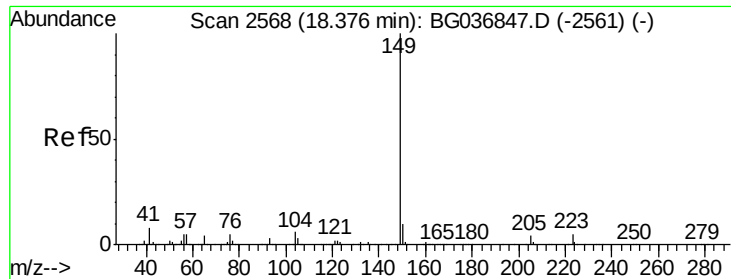
10/8/2018 1:56:06 PM



#72
 Carbazole
 Concen: 40.168 ng
 RT: 17.81 min Scan# 2471
 Delta R.T. -0.01 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.5	29.3
139	13.5	10.7	16.1





#73

Di-n-butylphthalate

Concen: 43.272 ng

RT: 18.36 min Scan# 2564

Delta R.T. -0.02 min

Lab File: BG037192.D

Acq: 5 Oct 2018 16:27

Instrument :

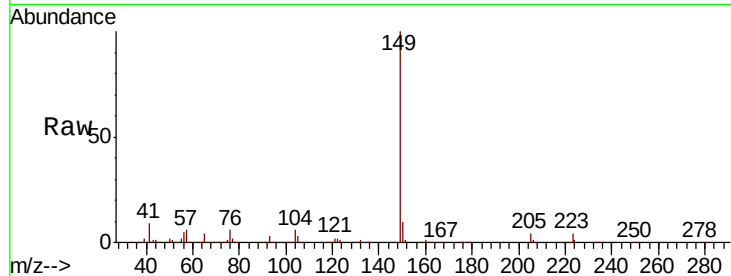
BNA_G

ClientSampleId :

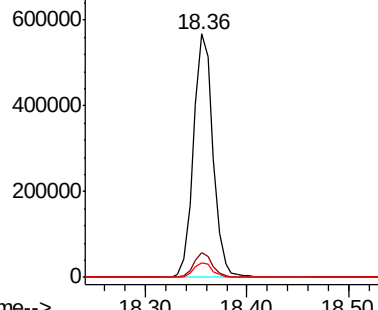
PB113546BS

Tot Ion:	149	Resp:	758277
Ion Ratio	Lower	Upper	
149	100		
150	10.0	8.1	12.1
104	6.0	4.6	6.8

Manual Integrations
APPROVED

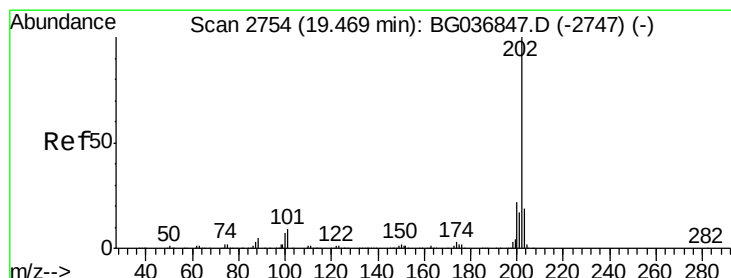
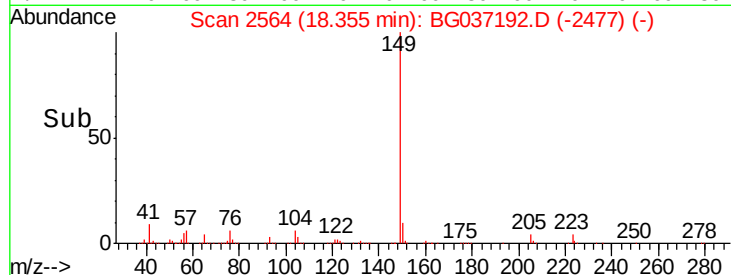


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Sohil

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#74

Fluoranthene

Concen: 42.875 ng

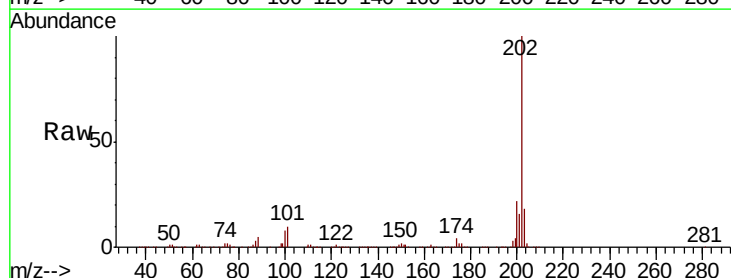
RT: 19.45 min Scan# 2751

Delta R.T. -0.01 min

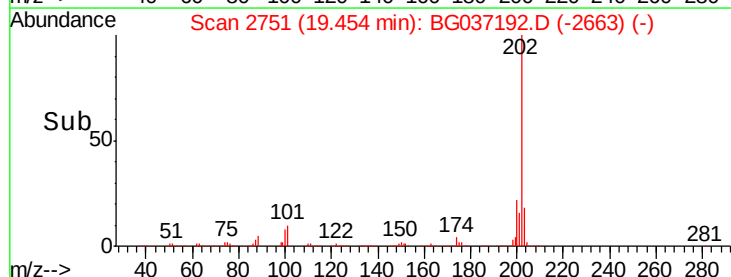
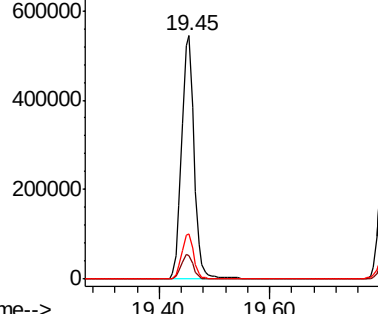
Lab File: BG037192.D

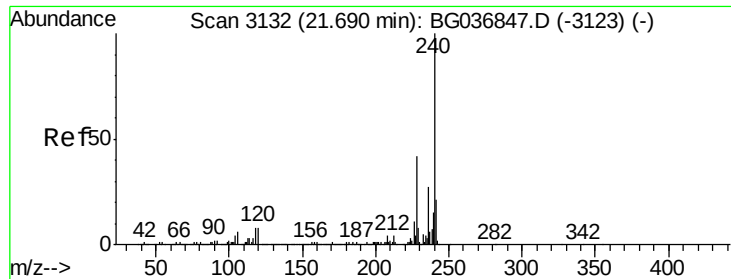
Acq: 5 Oct 2018 16:27

Tgt Ion:	202	Resp:	844708
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	29.4
203	18.4	0.0	38.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



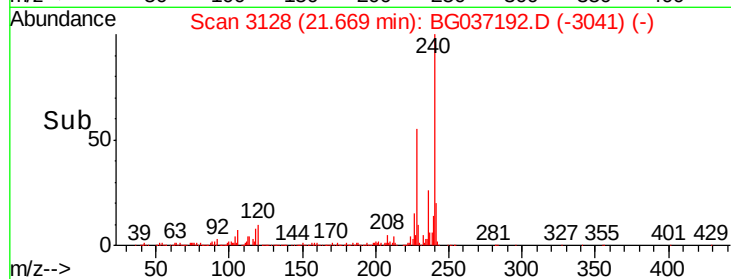
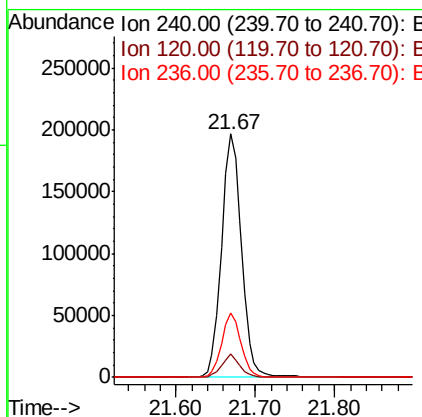
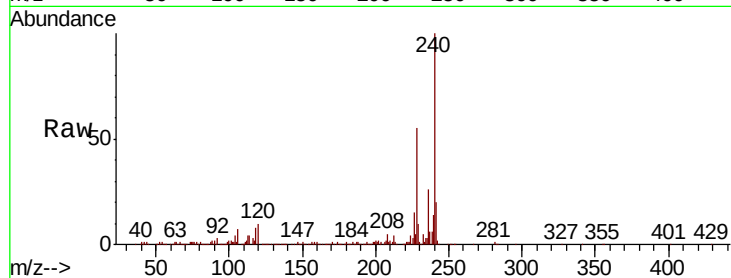


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampleId :
PB113546BS

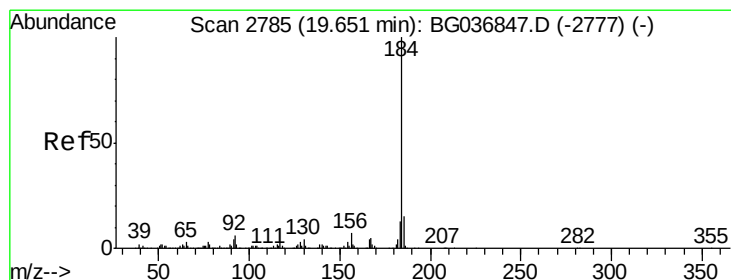
Tot Ion:	240	Resp:	342324
Ion Ratio	Lower	Upper	
240	100		
120	9.8	6.9	10.3
236	26.3	21.2	31.8

Manual Integrations
APPROVED



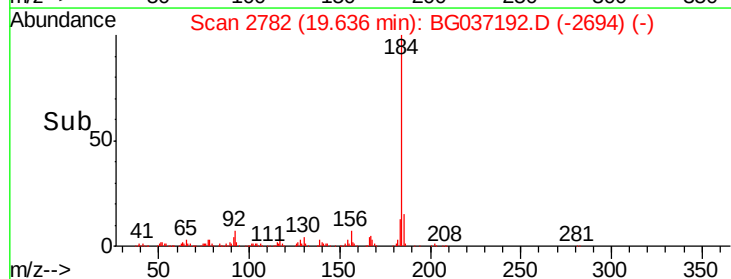
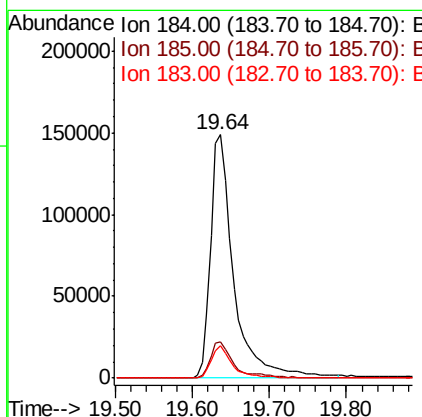
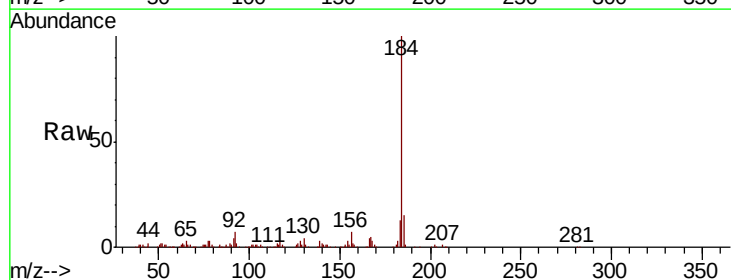
Sohil

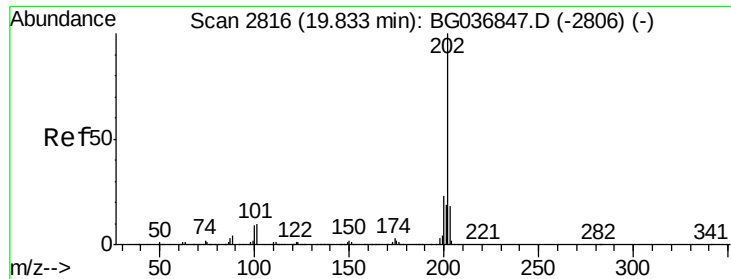
10/8/2018 1:56:06 PM



#76
Benzidine
Concen: 29.838 ng
RT: 19.64 min Scan# 2782
Delta R.T. -0.01 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion:	184	Resp:	308773
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	18.8
183	13.1	10.9	16.3



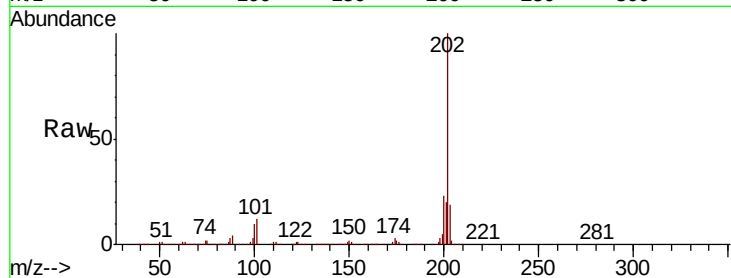


#77
Pvrene
Concen: 40.346 ng
RT: 19.81 min Scan# 2812
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampled :
PB113546BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.3	27.5
203	19.2	15.1	22.7

Manual Integrations
APPROVED

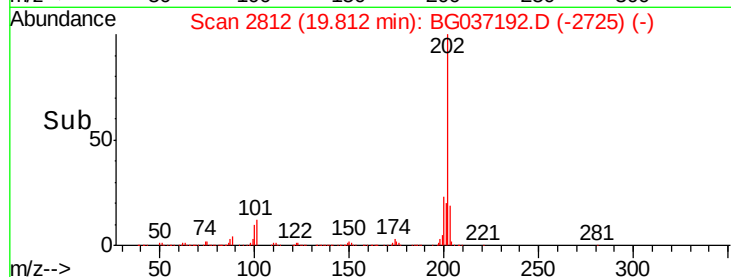
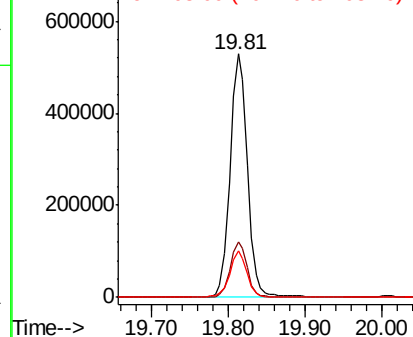


Abundance

Ion 202.00 (201.70 to 202.70): E

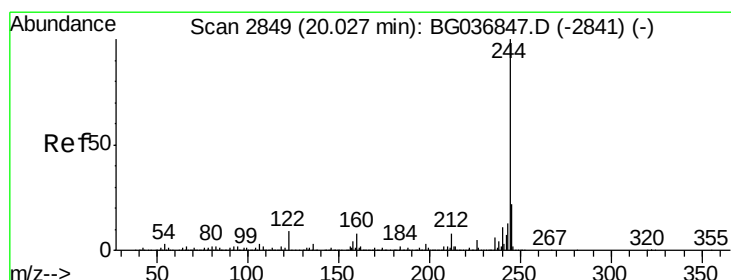
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



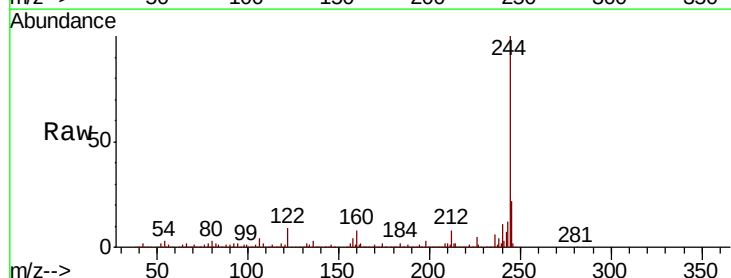
Sohil

10/8/2018 1:56:06 PM



#78
Terphenyl-d14
Concen: 80.492 ng
RT: 20.01 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	9.4	7.1	10.7

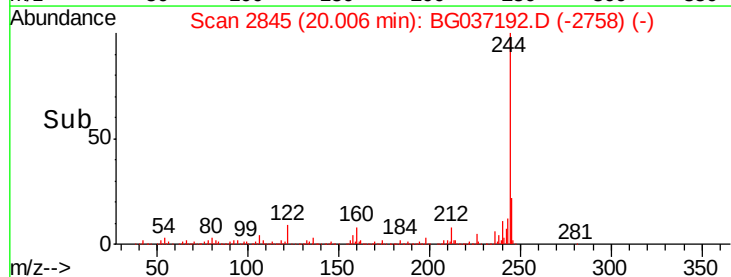
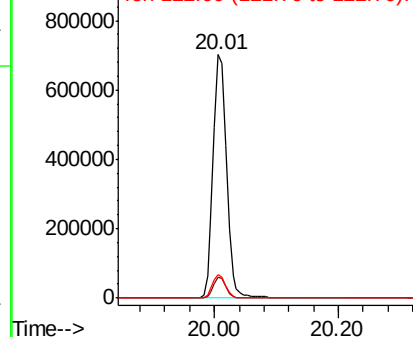


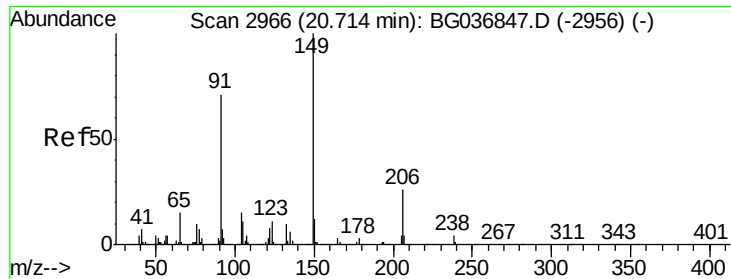
Abundance

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



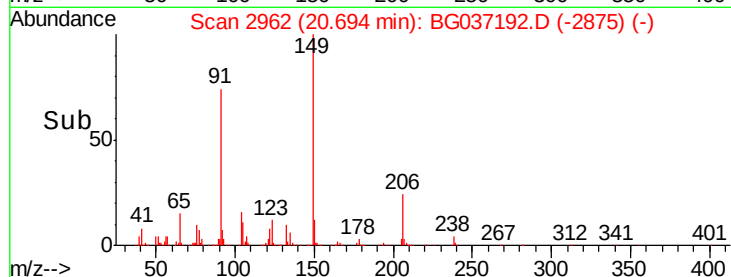
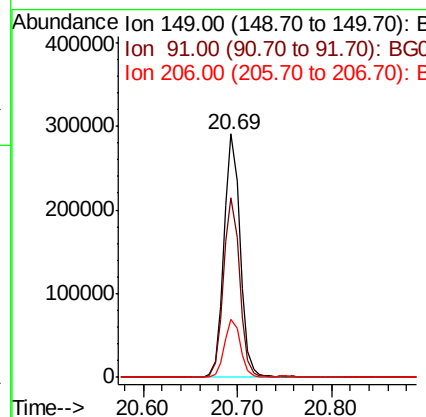
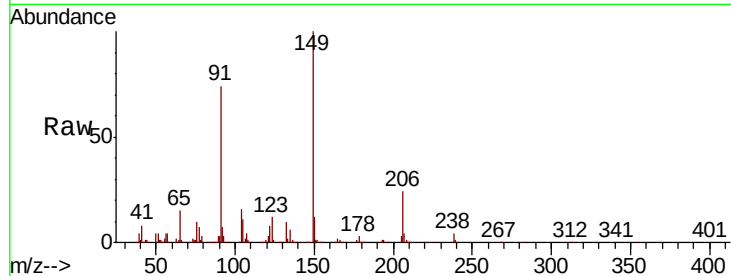


#79
Butylbenzylphthalate
Concen: 43.059 ng
RT: 20.69 min Scan# 2962
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampleId :
PB113546BS

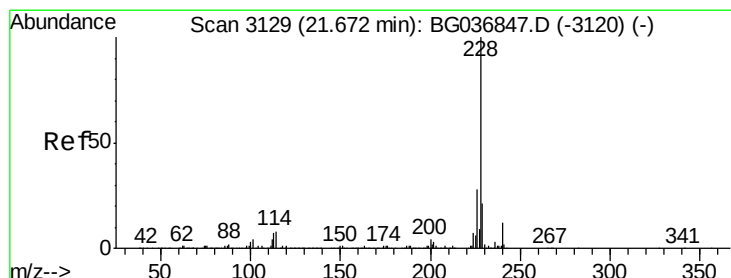
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	73.8	62.0	93.0	
206	23.8	19.6	29.4	

Manual Integrations
APPROVED



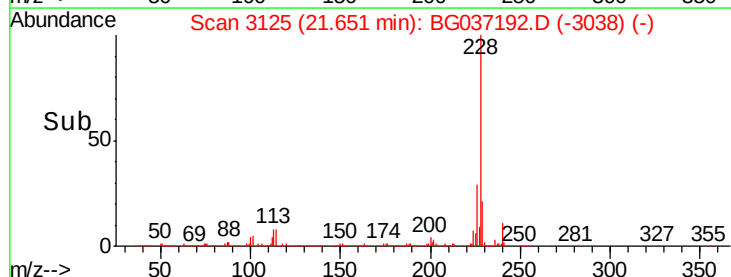
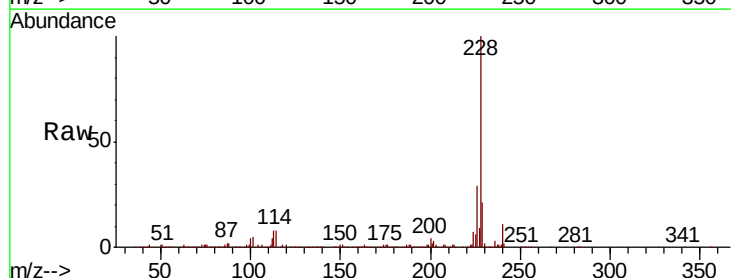
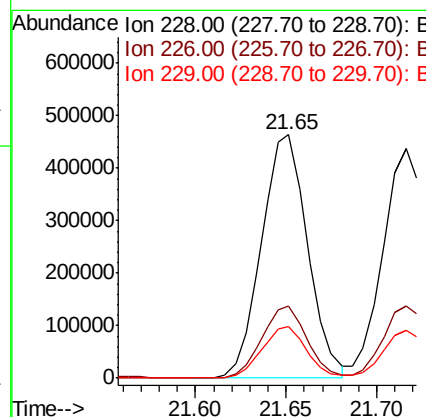
Sohil

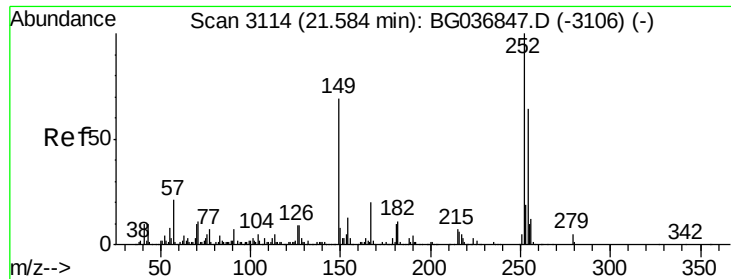
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#80
Benzo(a)anthracene
Concen: 41.089 ng
RT: 21.65 min Scan# 3125
Delta R.T. -0.02 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.4	23.4	35.2	
229	21.0	17.1	25.7	



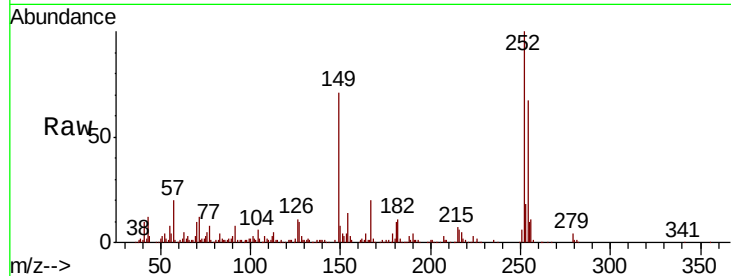


#81
 3,3'-Dichlorobenzidine
 Concen: 31.417 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.02 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

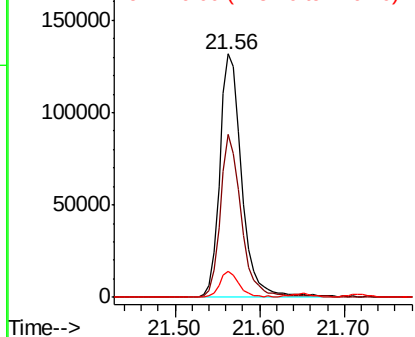
Instrument :
 BNA_G
 ClientSampled :
 PB113546BS

Tot Ion:	252	Resp:	238970
Ion Ratio	Lower	Upper	
252	100		
254	66.7	51.0	76.4
126	10.8	7.4	11.0

Manual Integrations
 APPROVED

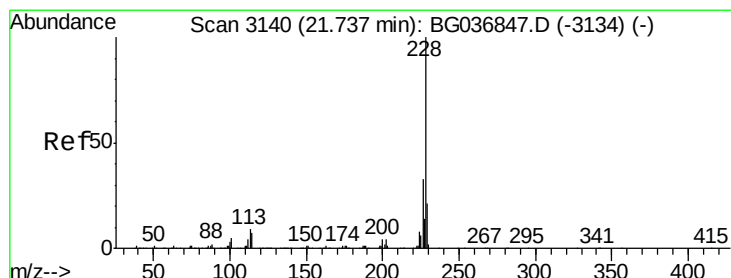
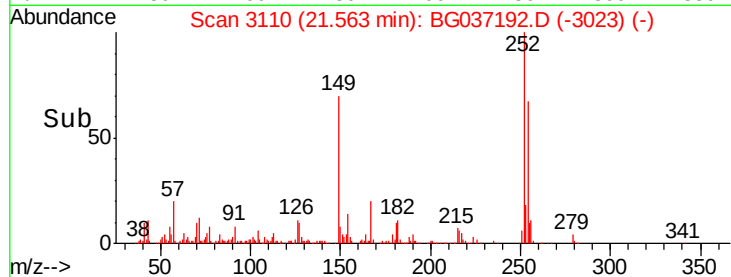


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E



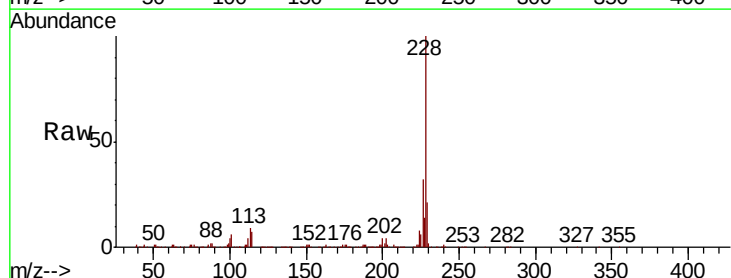
Sohil

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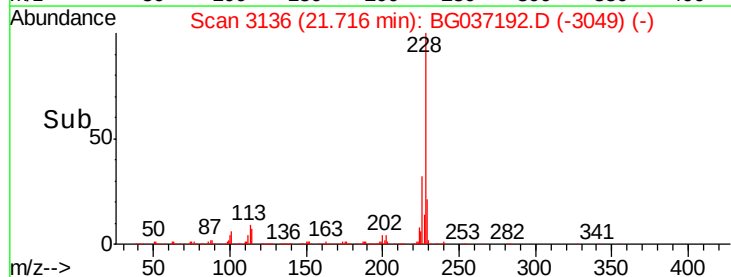
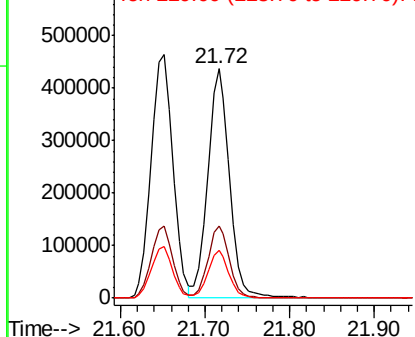


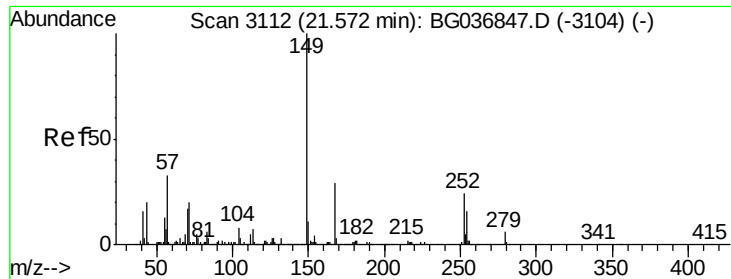
#82
 Chrysene
 Concen: 40.669 ng
 RT: 21.72 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Tgt Ion:	228	Resp:	785222
Ion Ratio	Lower	Upper	
228	100		
226	31.7	25.5	38.3
229	20.7	16.9	25.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



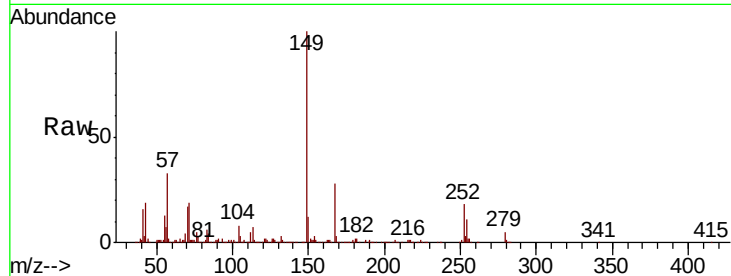


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.718 ng
 RT: 21.55 min Scan# 3108
 Delta R.T. -0.02 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

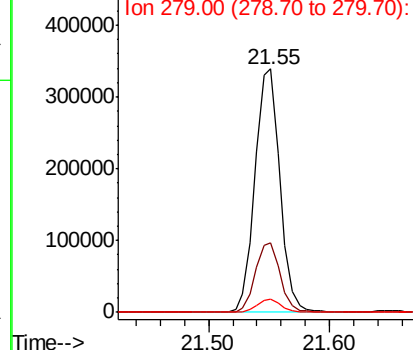
Instrument :
 BNA_G
 ClientSampleId :
 PB113546BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.4	35.0
279	5.5	4.6	7.0

Manual Integrations
 APPROVED

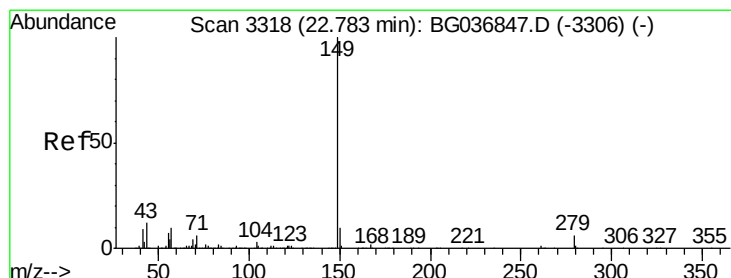
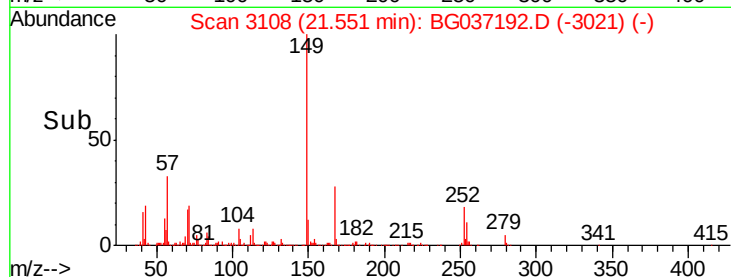


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



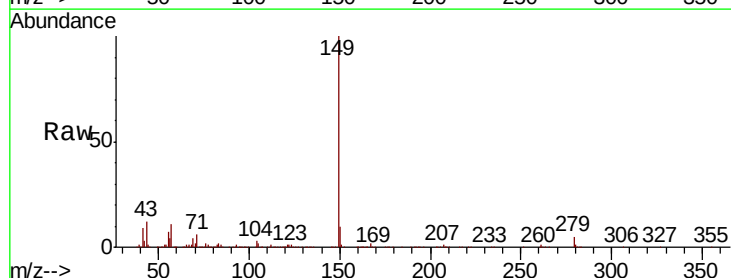
Sohil

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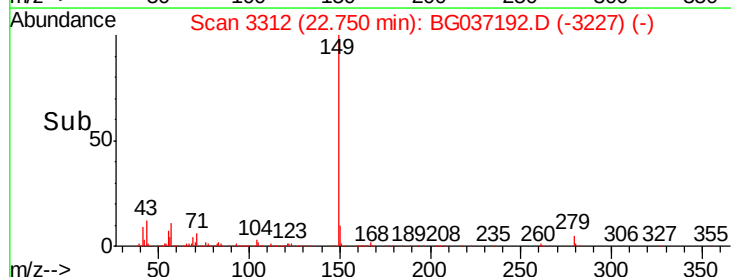
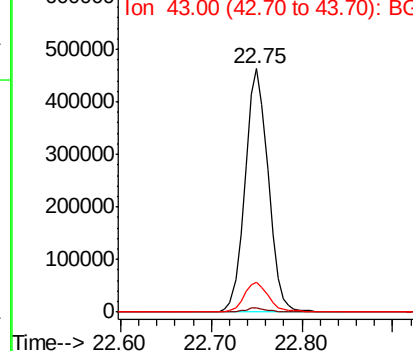


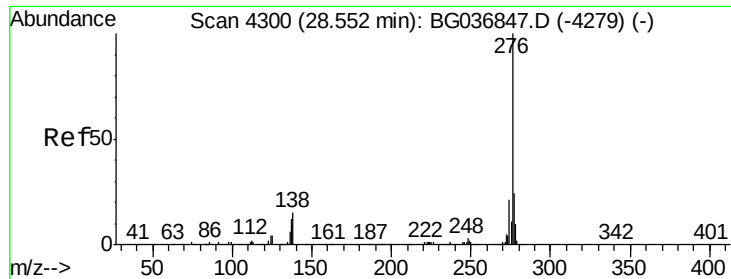
#84
 Di-n-octyl phthalate
 Concen: 43.607 ng
 RT: 22.75 min Scan# 3312
 Delta R.T. -0.03 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.8	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGC



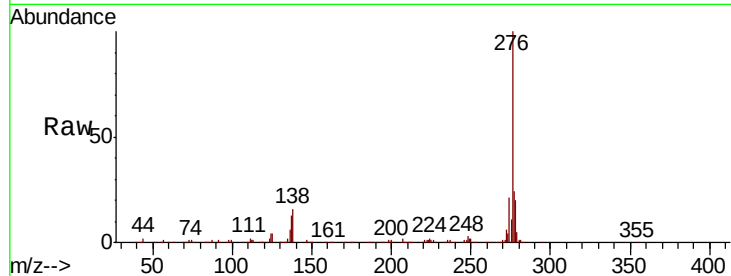


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.346 ng
 RT: 28.51 min Scan# 4292
 Delta R.T. -0.04 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Instrument :
 BNA_G
 ClientSampleId :
 PB113546BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.5	10.6	15.8#
277	25.5	20.6	30.8

Manual Integrations
 APPROVED

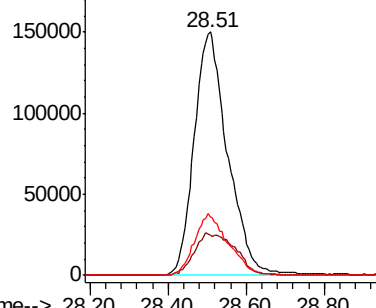


Abundance

Ion 276.00 (275.70 to 276.70): E

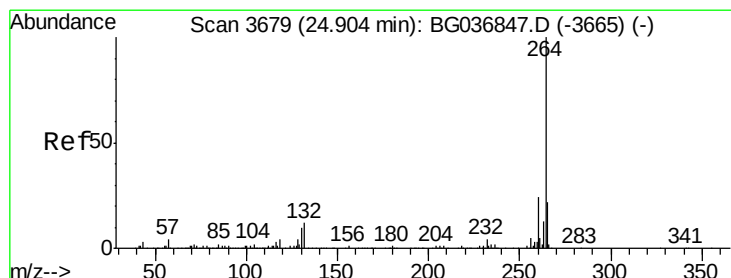
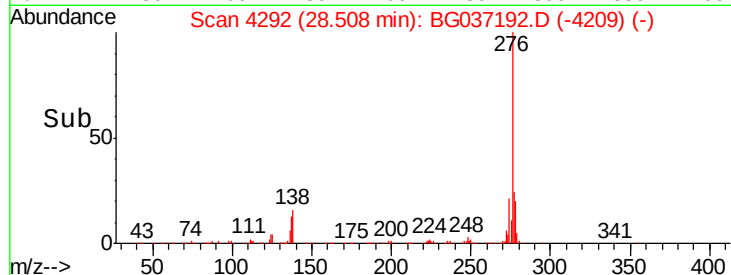
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Sohil

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.87 min Scan# 3672
 Delta R.T. -0.04 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

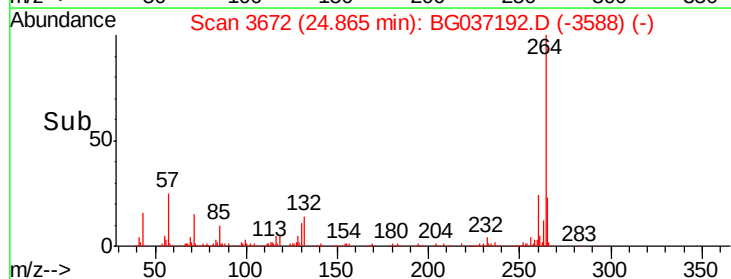
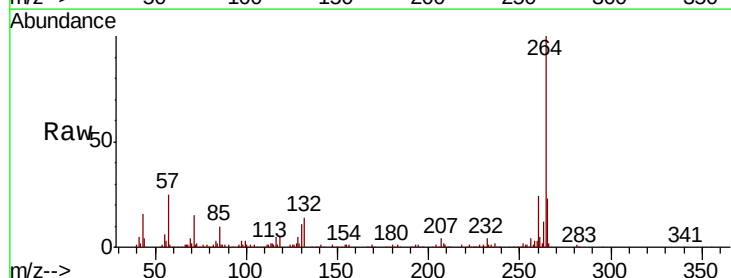
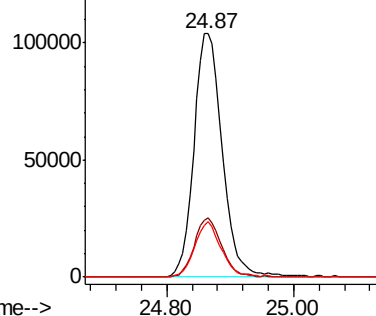
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.7	17.4	26.0

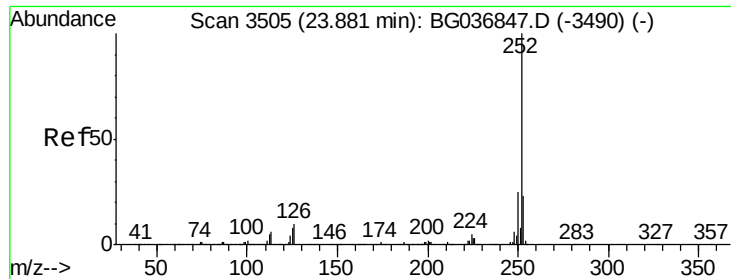
Abundance

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



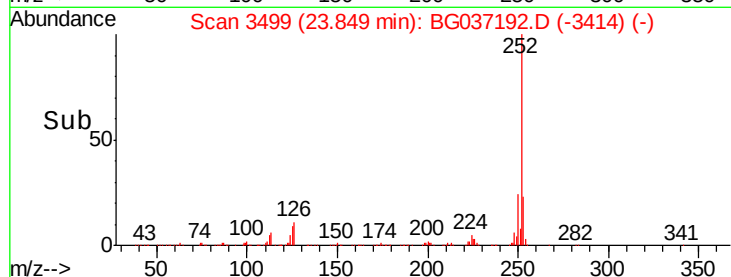
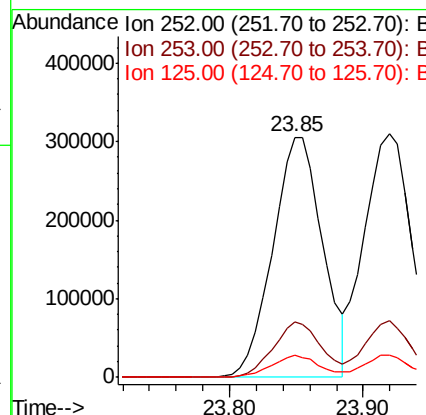
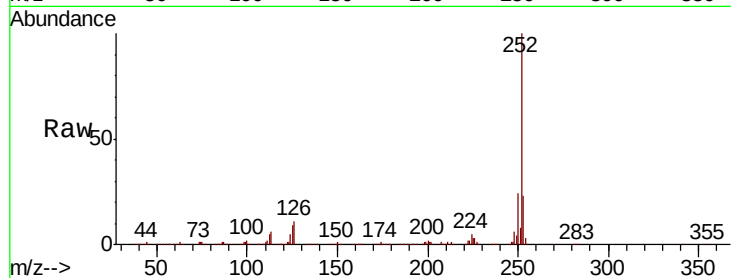


#87
Benzo(b)fluoranthene
Concen: 46.124 ng
RT: 23.85 min Scan# 3499
Delta R.T. -0.03 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampleId :
PB113546BS

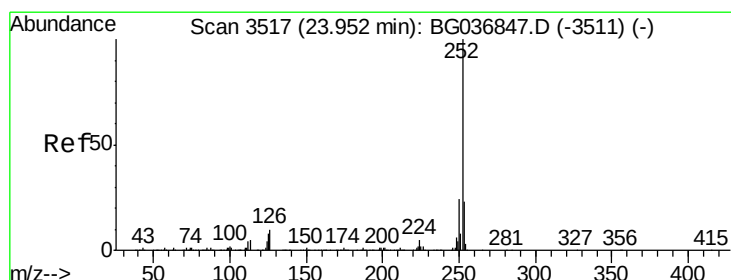
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	9.0	6.6	10.0

Manual Integrations
APPROVED



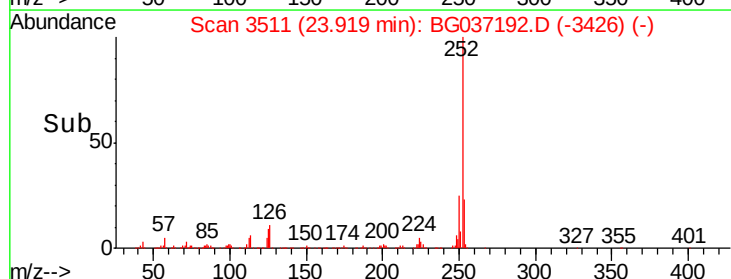
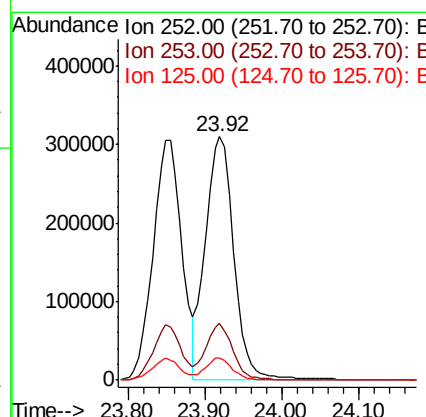
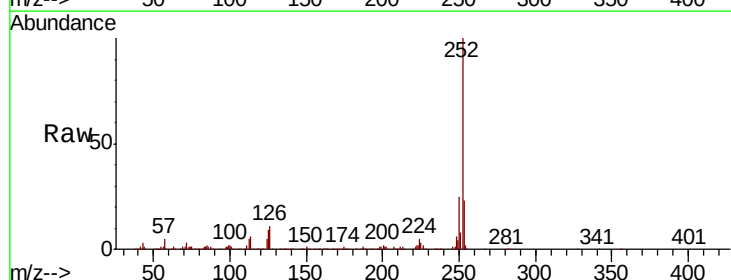
Sohil

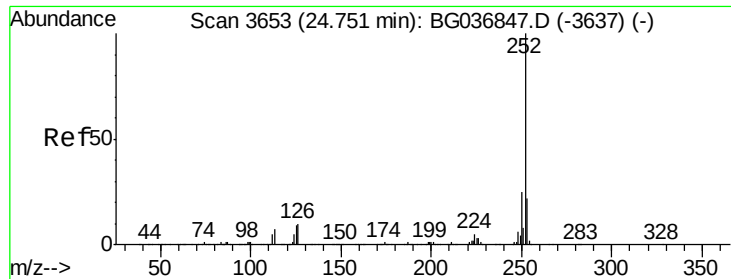
10/8/2018 1:56:06 PM



#88
Benzo(k)fluoranthene
Concen: 45.369 ng
RT: 23.92 min Scan# 3511
Delta R.T. -0.03 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	8.9	7.0	10.6



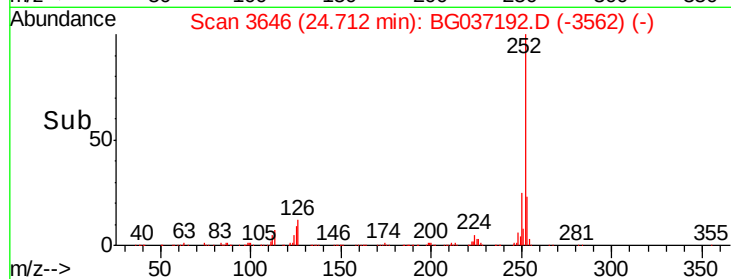
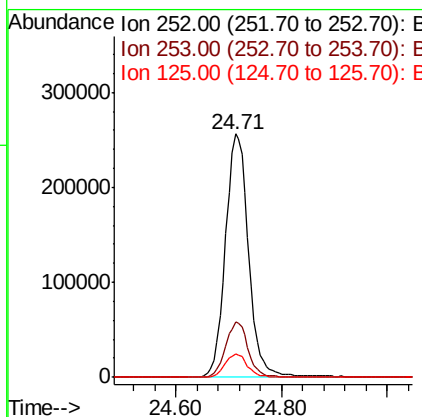
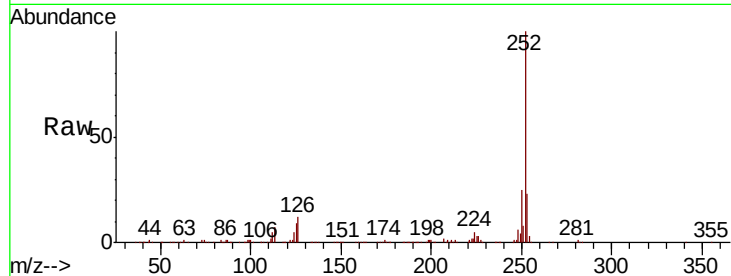


#89
Benzo(a)pyrene
Concen: 46.806 ng
RT: 24.71 min Scan# 3646
Delta R.T. -0.04 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Instrument :
BNA_G
ClientSampled :
PB113546BS

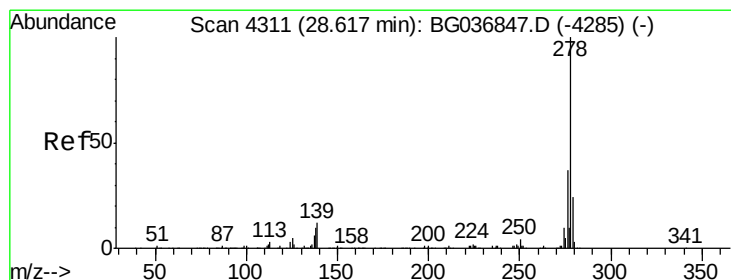
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	9.5	7.3	10.9

Manual Integrations
APPROVED



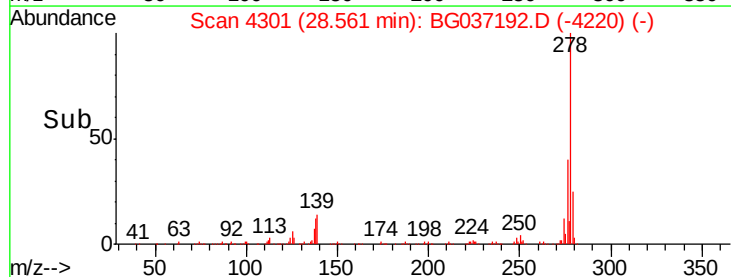
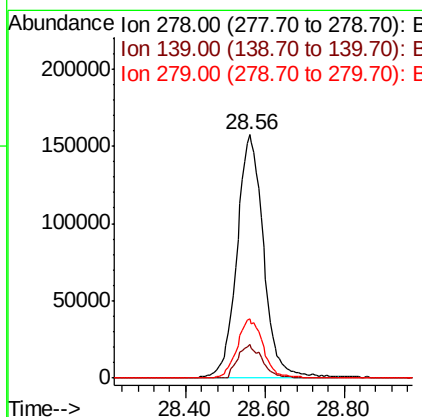
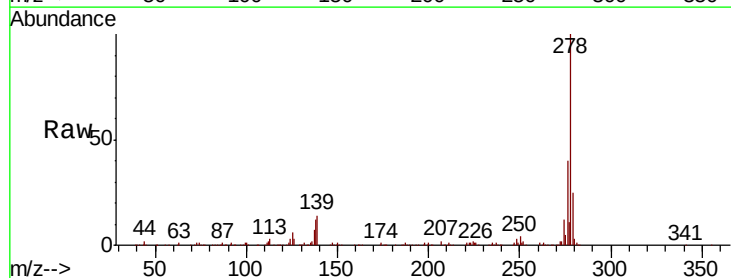
Sohil

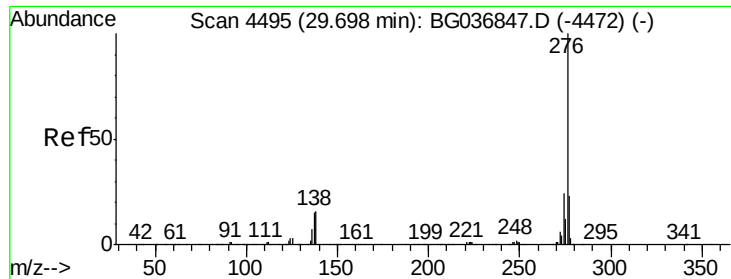
10/8/2018 1:56:06 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.226 ng
RT: 28.56 min Scan# 4301
Delta R.T. -0.06 min
Lab File: BG037192.D
Acq: 5 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.0	16.4
279	24.5	18.7	28.1



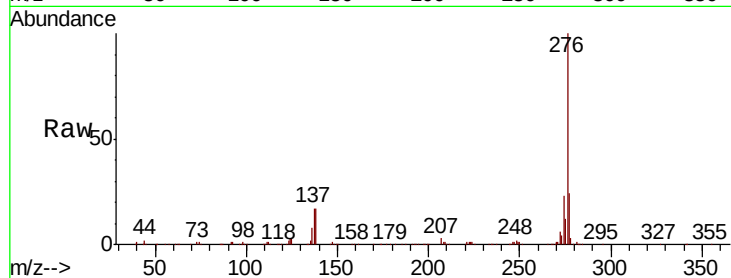


#91
 Benzo(a,h,i)perylene
 Concen: 47.470 ng
 RT: 29.65 min Scan# 4486
 Delta R.T. -0.05 min
 Lab File: BG037192.D
 Acq: 5 Oct 2018 16:27

Instrument :
 BNA_G
 ClientSampleId :
 PB113546BS

Tot Ion:	276	Resp:	742922
Ion Ratio		Lower	Upper
276	100		
277	24.3	18.4	27.6
138	17.4	14.6	22.0

Manual Integrations
 APPROVED

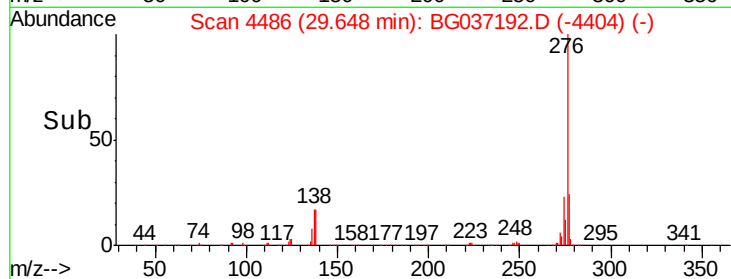
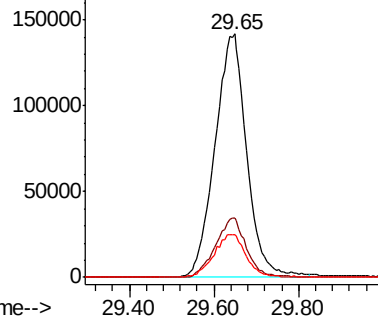


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Sohil

10/8/2018 1:56:06 PM