

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033894.D
 Acq On : 20 Apr 2018 20:08
 Operator : SJ/JU
 Sample : PB108418BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108418BS

Manual Integrations
 APPROVED

Sohil
 4/23/2018 2:29:50 PM

Quant Time: Apr 21 05:43:21 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	79113	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	337147	20.00	ng	0.00
38) Acenaphthene-d10	14.47	164	216844	20.00	ng	0.00
63) Phenanthrene-d10	17.22	188	518496	20.00	ng	0.00
75) Chrysene-d12	21.48	240	518321	20.00	ng	-0.01
86) Perylene-d12	24.54	264	534585	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	639823	129.12	ng	0.00
7) Phenol-d6	7.01	99	853903	118.14	ng	0.00
23) Nitrobenzene-d5	8.99	82	495330	83.61	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	337169	133.28	ng	0.00
44) 2-Fluorobiphenyl	13.09	172	1231497	83.43	ng	0.00
78) Terphenyl-d14	19.86	244	1876795	81.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	73219	34.968	ng	91
3) Pyridine	3.80	79	212852	35.134	ng	91
4) n-Nitrosodimethylamine	3.72	42	113464	41.109	ng	# 91
6) Aniline	7.17	93	202419	20.951	ng	99
8) 2-Chlorophenol	7.41	128	225007	40.524	ng	94
9) Benzaldehyde	6.98	77	132016	32.911	ng	98
10) Phenol	7.04	94	292357	39.485	ng	99
11) bis(2-Chloroethyl)ether	7.27	93	205781	36.338	ng	97
12) 1,3-Dichlorobenzene	7.72	146	231797	36.265	ng	99
13) 1,4-Dichlorobenzene	7.87	146	233623	36.087	ng	98
14) 1,2-Dichlorobenzene	8.18	146	224268	35.622	ng	95
15) Benzyl Alcohol	8.07	79	225178	35.729	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	364700	33.020	ng	97
17) 2-Methylphenol	8.27	107	199836	36.421	ng	93
18) Hexachloroethane	8.91	117	86543	36.583	ng	98
19) n-Nitroso-di-n-propylamine	8.64	70	191326	31.055	ng	# 94
20) 3+4-Methylphenols	8.60	107	277479	34.804	ng	92
22) Acetophenone	8.65	105	332385	36.223	ng	# 97
24) Nitrobenzene	9.03	77	256211	39.688	ng	96
25) Isophorone	9.55	82	495872	37.229	ng	96
26) 2-Nitrophenol	9.73	139	112108	43.950	ng	93
27) 2,4-Dimethylphenol	9.80	122	227218	47.624	ng	92
28) bis(2-Chloroethoxy)methane	10.04	93	289103	41.070	ng	97
29) 2,4-Dichlorophenol	10.26	162	238625	44.865	ng	93
30) 1,2,4-Trichlorobenzene	10.48	180	230758	38.737	ng	100
31) Naphthalene	10.67	128	662159	38.192	ng	98
32) Benzoic acid	9.94	122	167987	36.669	ng	93
33) 4-Chloroaniline	10.77	127	108315	13.292	ng	95
34) Hexachlorobutadiene	10.96	225	141890	39.816	ng	89
35) Caprolactam	11.55	113	88177m	38.994	ng	
36) 4-Chloro-3-methylphenol	11.90	107	258842	39.874	ng	90
37) 2-Methylnaphthalene	12.28	142	501883	37.810	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	281694	39.121	ng	97
40) Hexachlorocyclopentadiene	12.64	237	360548	91.067	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.89	196	198282	45.165	nq	94
43) 2,4,5-Trichlorophenol	12.96	196	215283	42.654	nq	96
45) 1,1'-Biphenyl	13.30	154	679338	38.701	nq	97
46) 2-Chloronaphthalene	13.34	162	514514	38.657	nq	98
47) 2-Nitroaniline	13.54	65	172587	41.530	nq	88
48) Acenaphthylene	14.19	152	827612	37.408	nq	98
49) Dimethylphthalate	13.93	163	700570	36.728	nq	98
50) 2,6-Dinitrotoluene	14.05	165	154629	42.776	nq	87
51) Acenaphthene	14.53	154	508231	36.568	nq	98
52) 3-Nitroaniline	14.37	138	74805	19.058	nq	# 84
53) 2,4-Dinitrophenol	14.57	184	151812	117.433	nq	# 61
54) Dibenzofuran	14.87	168	794774	38.572	nq	95
55) 4-Nitrophenol	14.68	139	275379	89.454	nq	89
56) 2,4-Dinitrotoluene	14.83	165	209162	43.513	nq	88
57) Fluorene	15.52	166	665995	37.352	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.09	232	202067	43.726	nq	99
59) Diethylphthalate	15.31	149	720468	35.734	nq	98
60) 4-Chlorophenyl-phenylether	15.52	204	355711	38.141	nq	96
61) 4-Nitroaniline	15.54	138	165864	39.799	nq	91
62) Azobenzene	15.81	77	662364	36.854	nq	99
64) 4,6-Dinitro-2-methylphenol	15.60	198	100720	41.376	nq	94
65) n-Nitrosodiphenylamine	15.74	169	593966	39.403	nq	99
66) 4-Bromophenyl-phenylether	16.42	248	229264	40.263	nq	97
67) Hexachlorobenzene	16.52	284	233916	38.520	nq	97
68) Atrazine	16.70	200	245037	41.493	nq	99
69) Pentachlorophenol	16.87	266	313040	75.048	nq	# 57
70) Phenanthrene	17.27	178	1063305	38.227	nq	99
71) Anthracene	17.35	178	1100171	39.551	nq	98
72) Carbazole	17.62	167	1008481	37.580	nq	97
73) Di-n-butylphthalate	18.21	149	1204327	36.074	nq	99
74) Fluoranthene	19.28	202	1292429	38.412	nq	96
76) Benzidine	19.46	184	462661	33.055	nq	99
77) Pyrene	19.64	202	1282107	37.713	nq	95
79) Butylbenzylphthalate	20.56	149	572121	38.321	nq	94
80) Benzo(a)anthracene	21.46	228	1263294	38.651	nq	97
81) 3,3'-Dichlorobenzidine	21.38	252	278338	22.839	nq	100
82) Chrysene	21.52	228	1194794	38.281	nq	96
83) Bis(2-ethylhexyl)phthalate	21.41	149	793239	37.622	nq	97
84) Di-n-octyl phthalate	22.59	149	1374908	41.083	nq	99
85) Indeno(1,2,3-cd)pyrene	28.02	276	1480856	41.682	nq	# 93
87) Benzo(b)fluoranthene	23.58	252	1314206	40.298	nq	98
88) Benzo(k)fluoranthene	23.65	252	1245117	38.435	nq	97
89) Benzo(a)pyrene	24.40	252	1268279	40.606	nq	99
90) Dibenzo(a,h)anthracene	28.09	278	1218127	40.306	nq	96
91) Benzo(g,h,i)perylene	29.10	276	1228941	41.325	nq	98

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

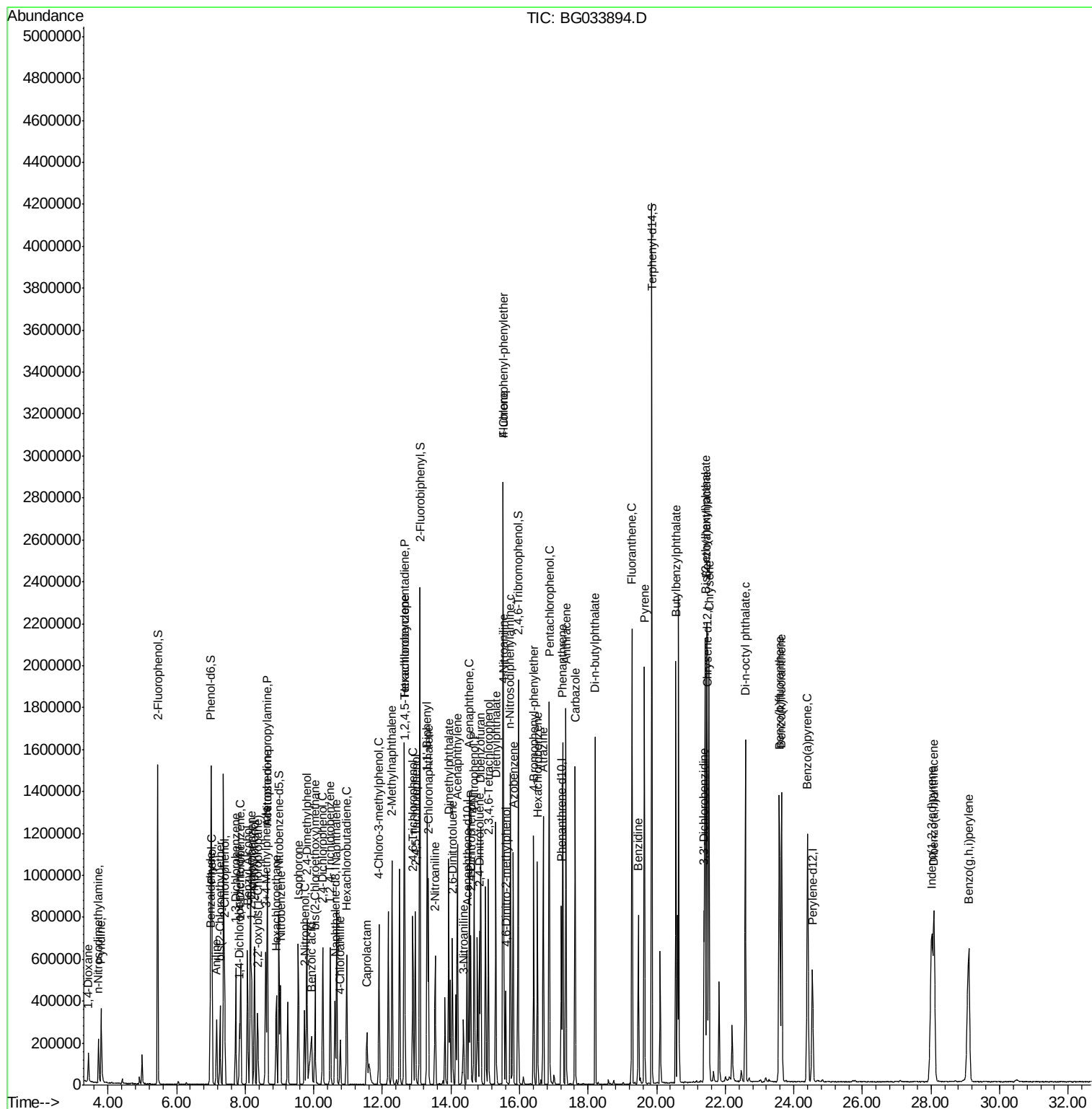
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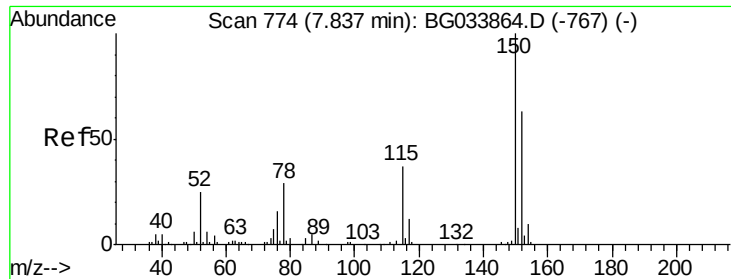
Instrument :
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#1

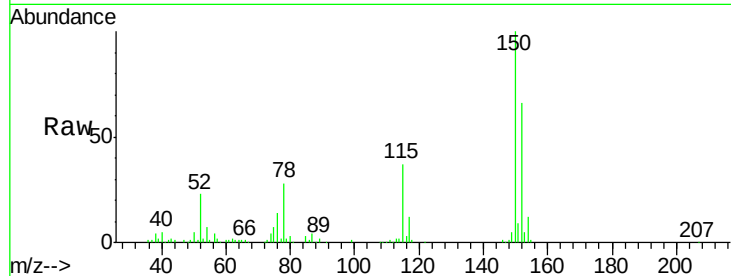
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.84 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Instrument :
BNA_G
ClientSampleID :
PB108418BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	126.6	189.8
115	56.4	53.0	79.4

Manual Integrations
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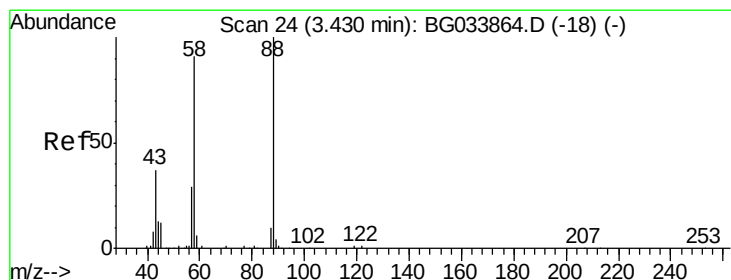
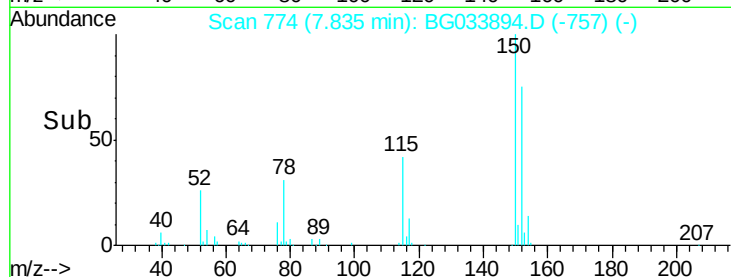
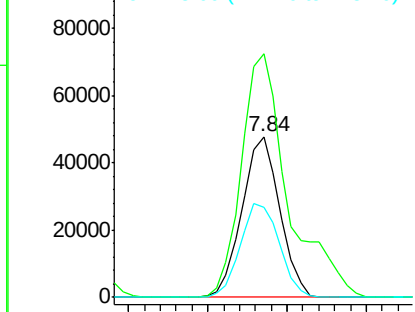


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

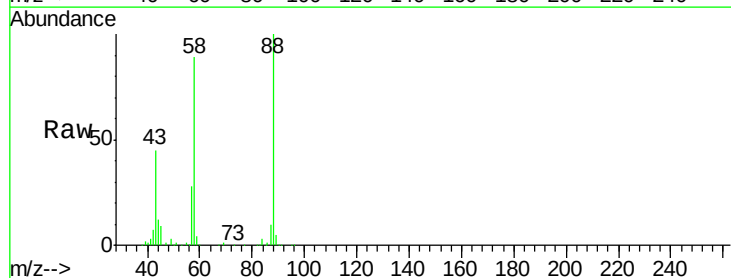
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.968 ng
RT: 3.43 min Scan# 24
Delta R.T. -0.00 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.7	79.6	119.4
43	35.2	27.4	41.0

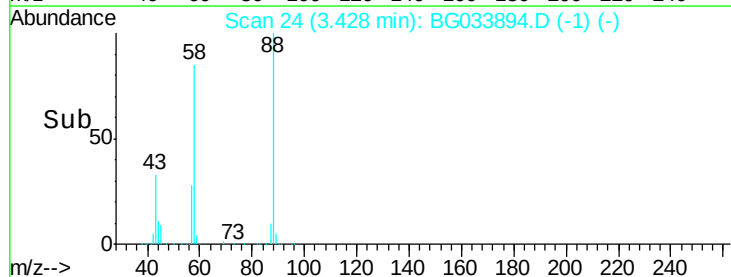
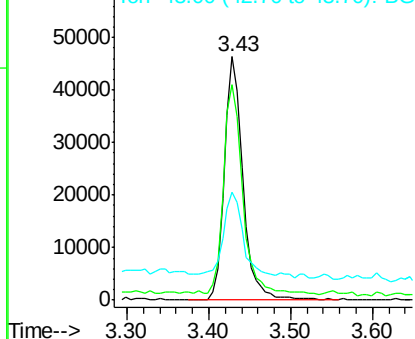


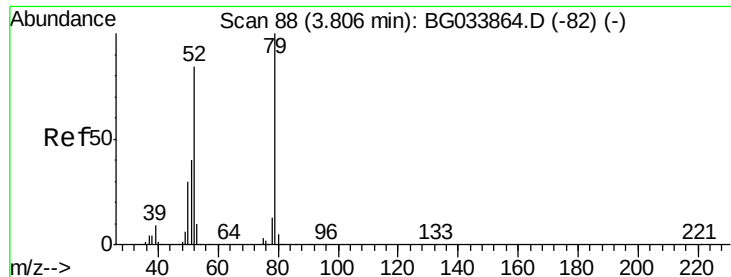
Abundance

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: 35.134 ng

RT: 3.80 min Scan# 88

Delta R.T. -0.00 min

Lab File: BG033894.D

Acq: 20 Apr 2018 20:08

Instrument :

BNA_G

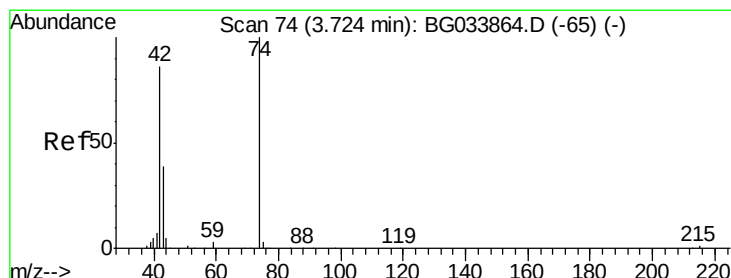
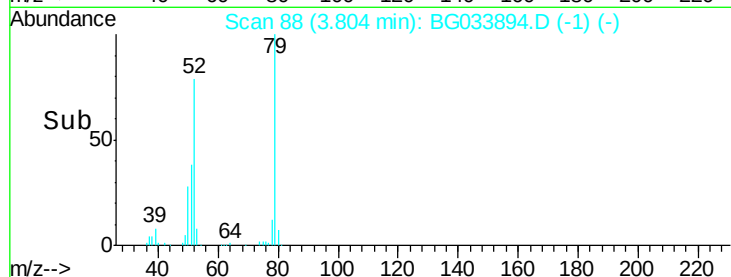
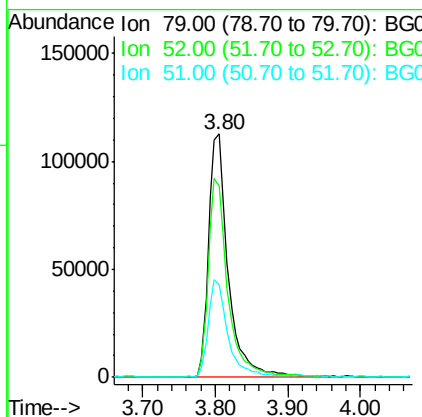
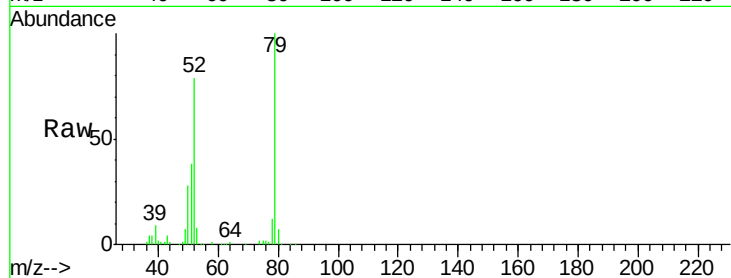
ClientSampled :

PB108418BS

Tot Ion:	79	Resp:	212852
Ion Ratio	Lower	Upper	
79	100		
52	78.6	69.9	104.9
51	38.3	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 41.109 ng

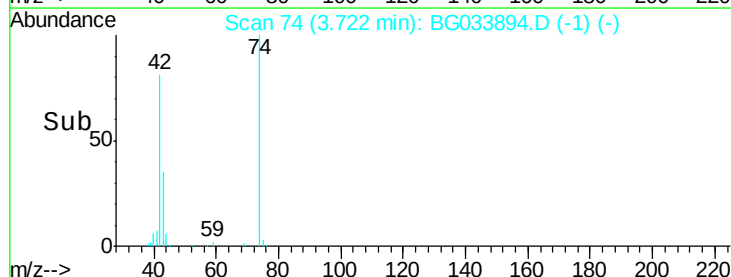
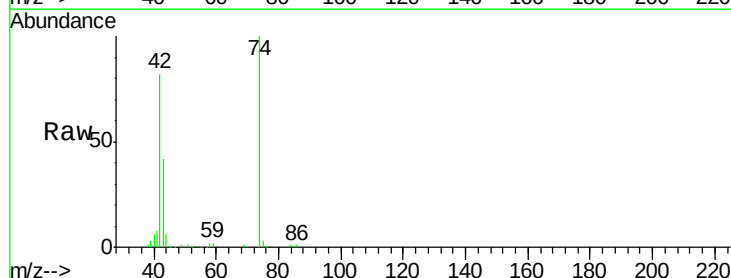
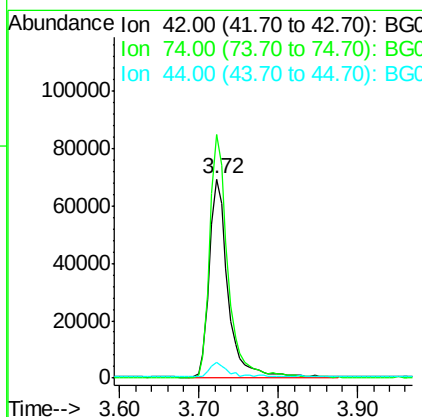
RT: 3.72 min Scan# 74

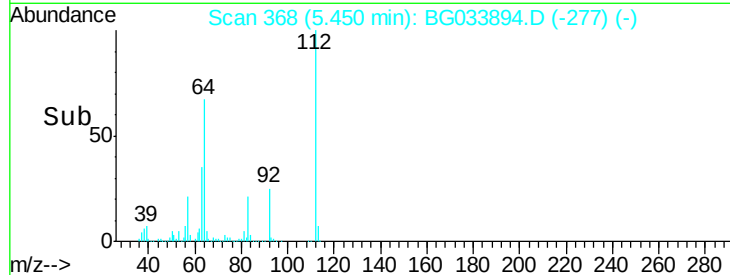
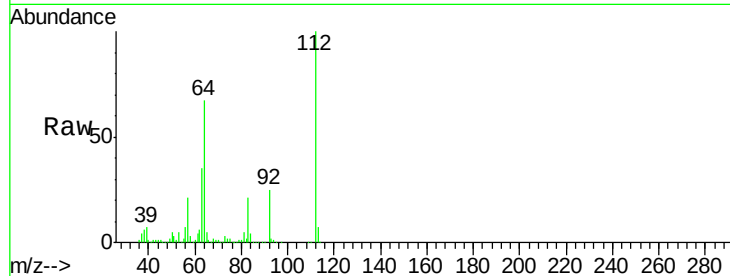
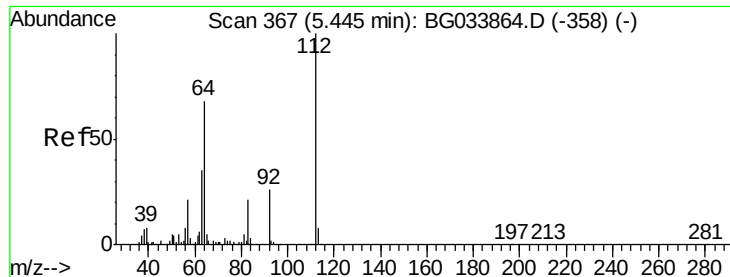
Delta R.T. -0.00 min

Lab File: BG033894.D

Acq: 20 Apr 2018 20:08

Tgt Ion:	42	Resp:	113464
Ion Ratio	Lower	Upper	
42	100		
74	122.2	102.5	153.7
44	7.7	18.9	28.3





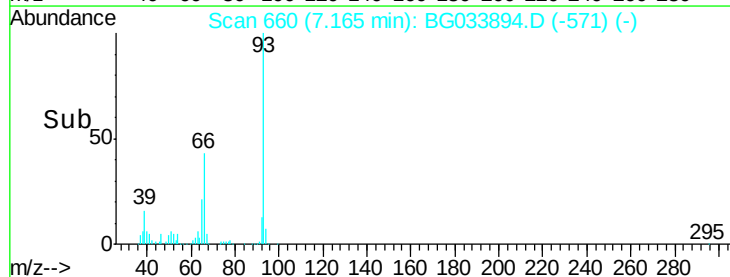
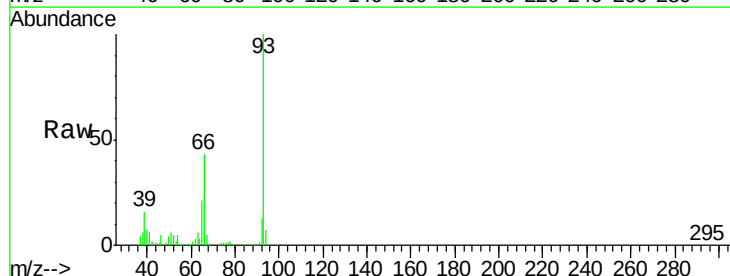
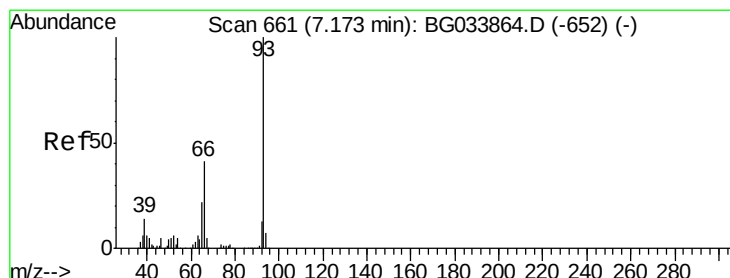
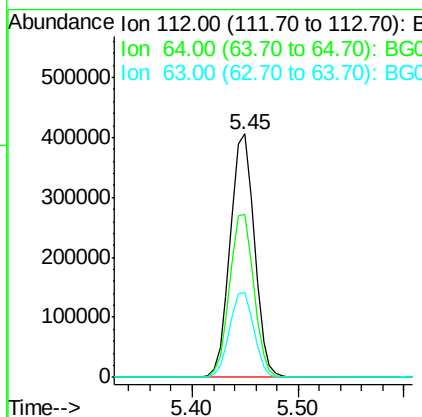
#5
2-Fluorophenol
Concen: 129.119 ng
RT: 5.45 min Scan# 368
Delta R.T. 0.00 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Tot Ion:	112	Resp:	639823
Ion Ratio	Lower	Upper	
112	100		
64	66.8	56.3	84.5
63	34.9	30.1	45.1

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BNA_G
ClientSampleId :
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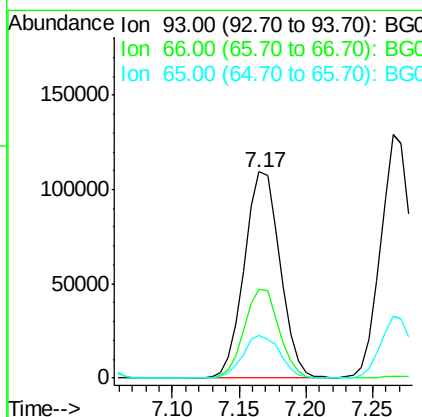
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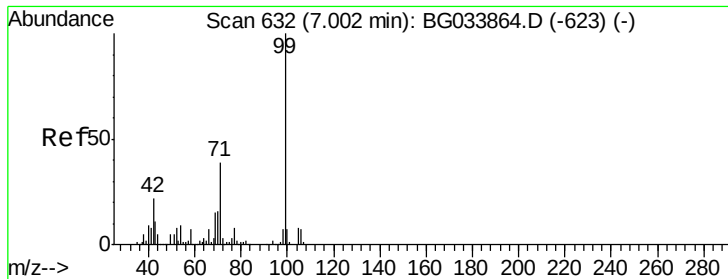
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#6
Aniline
Concen: 20.951 ng
RT: 7.17 min Scan# 660
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Tgt Ion:	93	Resp:	202419
Ion Ratio	Lower	Upper	
93	100		
66	43.1	33.7	50.5
65	20.6	16.1	24.1





#7

Phenol-d6

Concen: 118.145 ng

RT: 7.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: BG033894.D

Acq: 20 Apr 2018 20:08

Instrument :

BNA_G

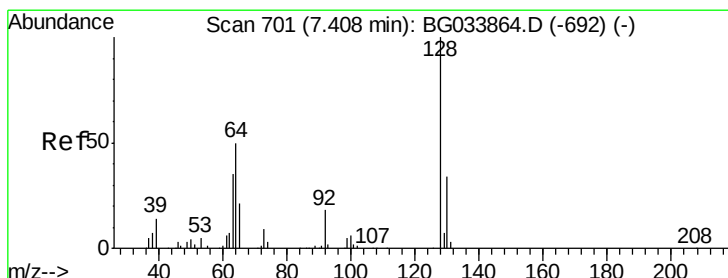
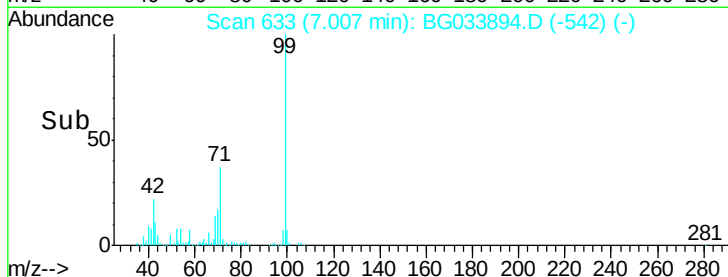
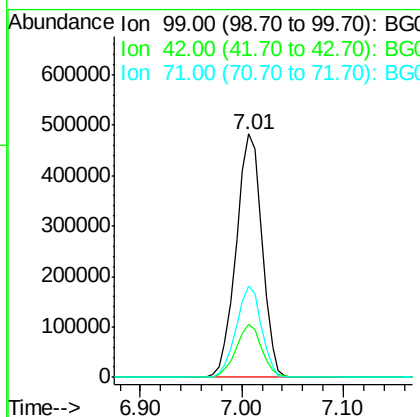
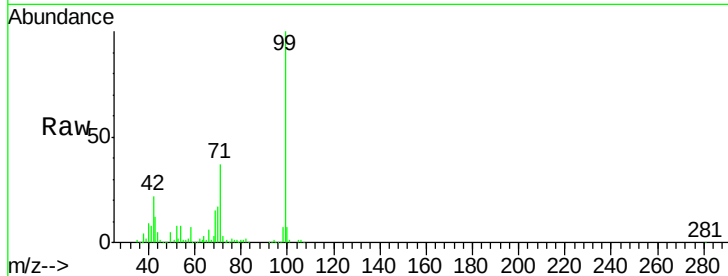
ClientSampleId :

PB108418BS

Tot Ion	Ratio	Resp	Lower	Upper
99	100			
42	21.7	14.1	21.1#	
71	37.5	26.1	39.1	

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#8

2-Chlorophenol

Concen: 40.524 ng

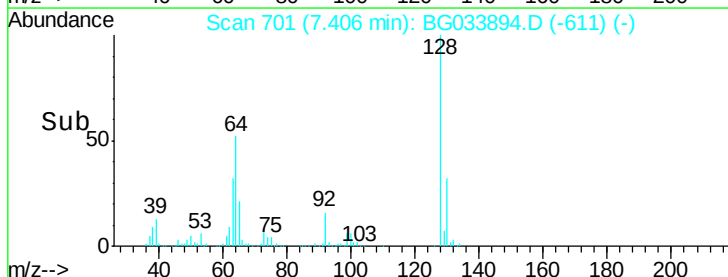
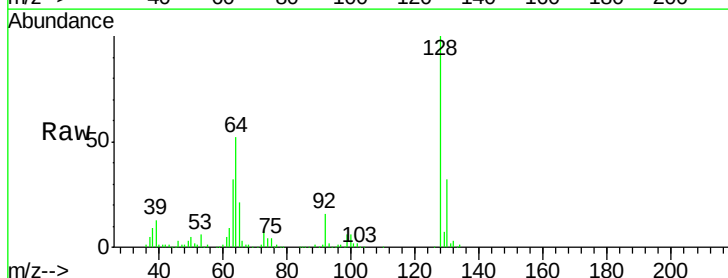
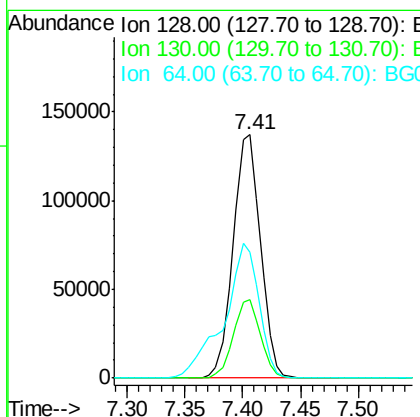
RT: 7.41 min Scan# 701

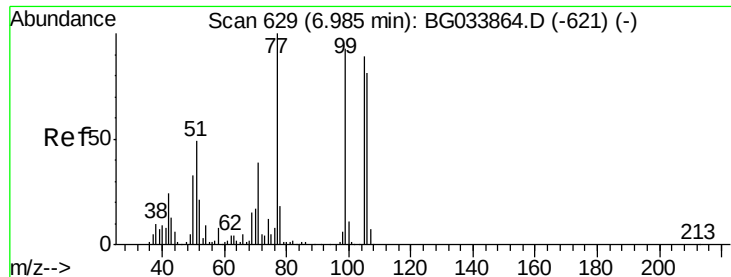
Delta R.T. -0.00 min

Lab File: BG033894.D

Acq: 20 Apr 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
130	32.4	14.0	54.0	
64	51.9	37.7	77.7	





#9

Benzaldehyde

Concen: 32.911 ng

RT: 6.98 min Scan# 628

Delta R.T. -0.01 min

Lab File: BG033894.D

Acq: 20 Apr 2018 20:08

Instrument :

BNA_G

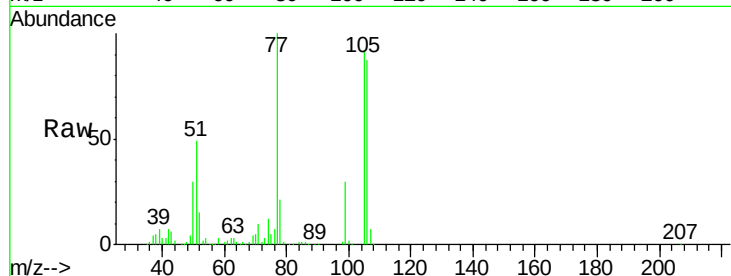
ClientSampled :

PB108418BS

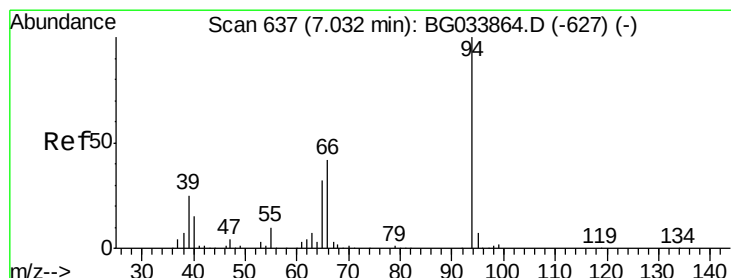
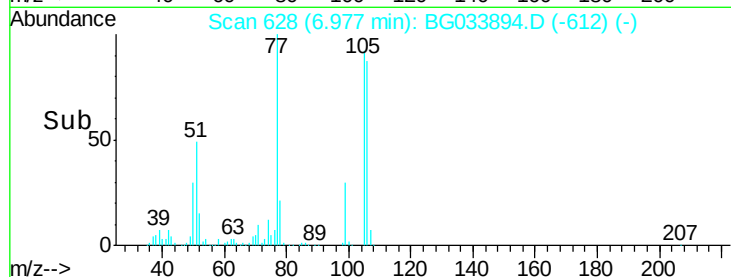
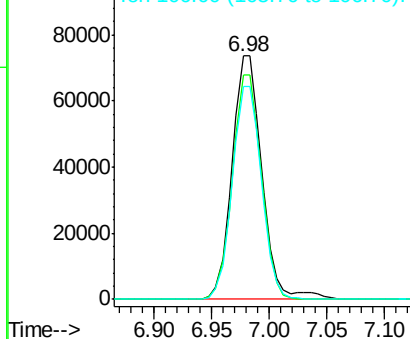
Tot Ion:	77	Resp:	132016
Ion Ratio	Lower	Upper	
77	100		
105	92.1	71.3	111.3
106	87.3	64.2	104.2

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



#10

Phenol

Concen: 39.485 ng

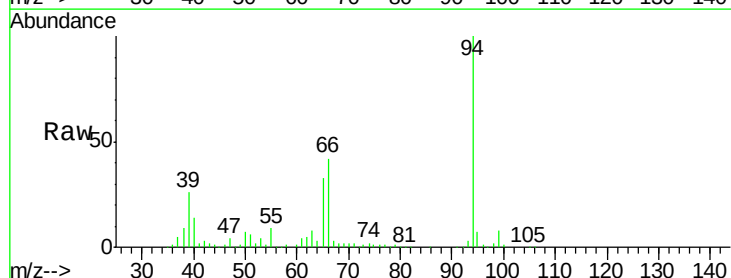
RT: 7.04 min Scan# 638

Delta R.T. 0.00 min

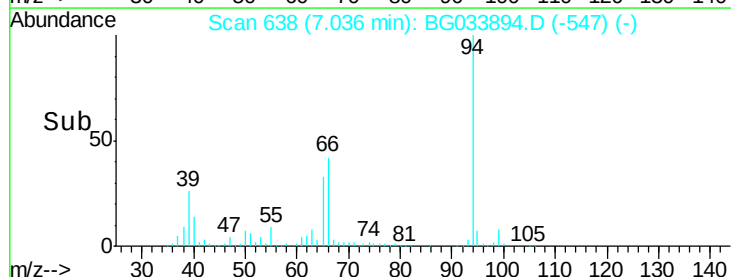
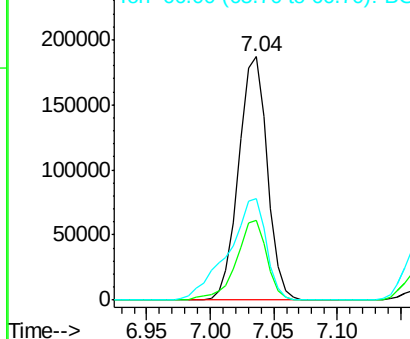
Lab File: BG033894.D

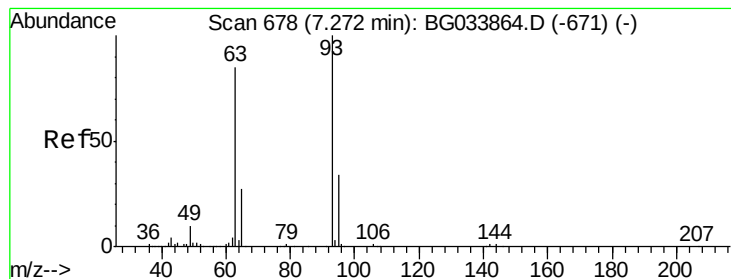
Acq: 20 Apr 2018 20:08

Tgt Ion:	94	Resp:	292357
Ion Ratio	Lower	Upper	
94	100		
65	32.8	11.9	51.9
66	41.5	22.2	62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





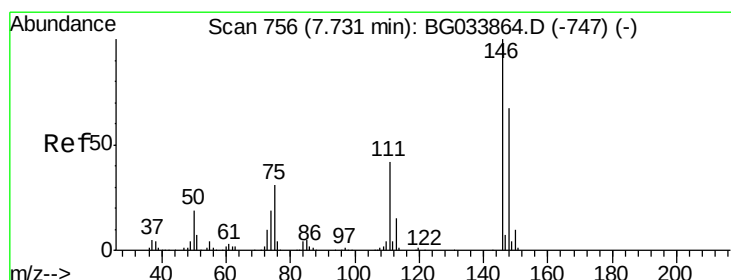
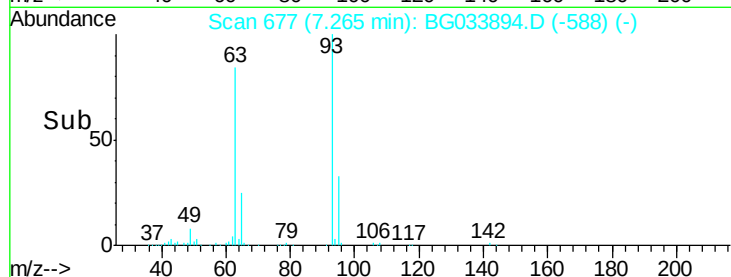
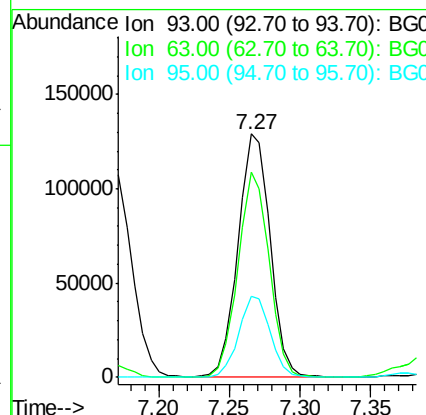
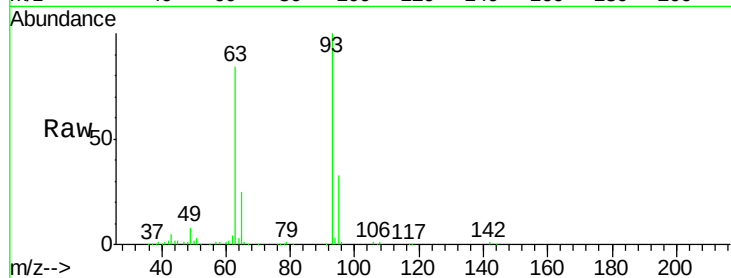
#11
bis(2-Chloroethyl)ether
Concen: 36.338 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Instrument :
BNA_G
ClientSampleId :
PB108418BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	205781		
63	84.4		67.1	107.1
95	33.2		11.5	51.5

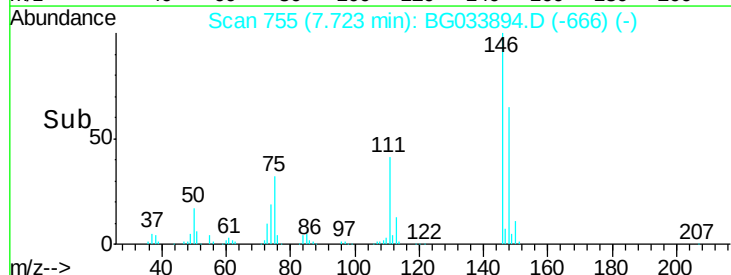
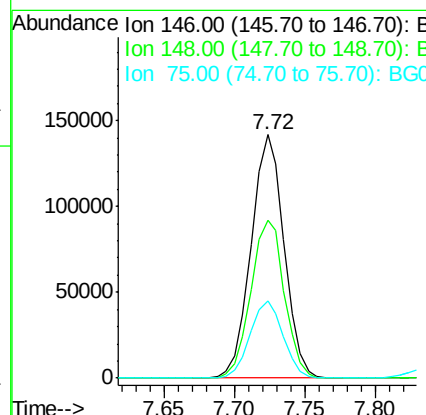
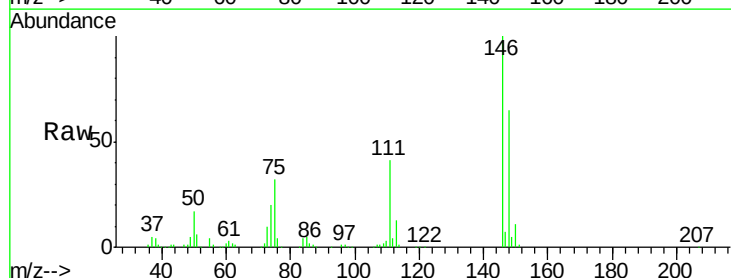
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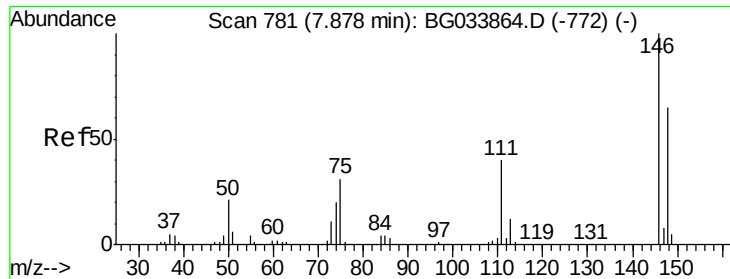
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.265 ng
RT: 7.72 min Scan# 755
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	231797		
148	64.6		51.4	77.2
75	31.7		26.6	39.8





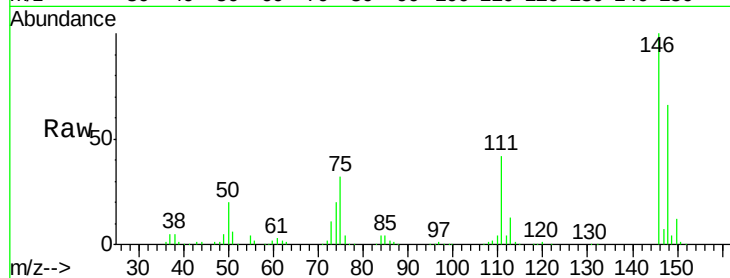
#13
 1,4-Dichlorobenzene
 Concen: 36.087 ng
 RT: 7.87 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PB108418BS

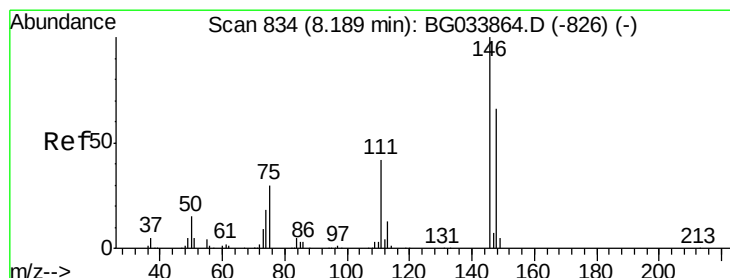
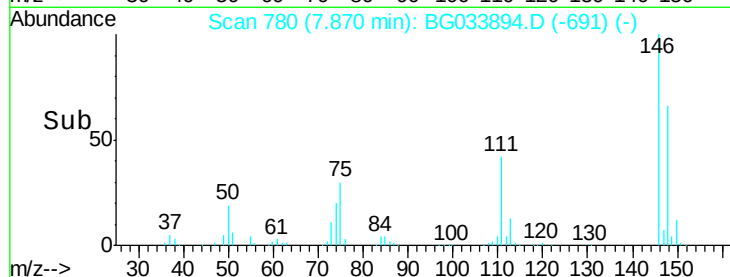
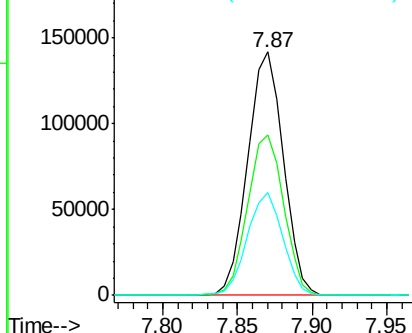
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	53.7	80.5
111	42.4	35.2	52.8

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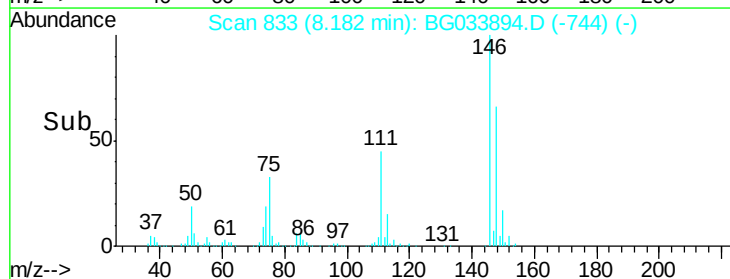
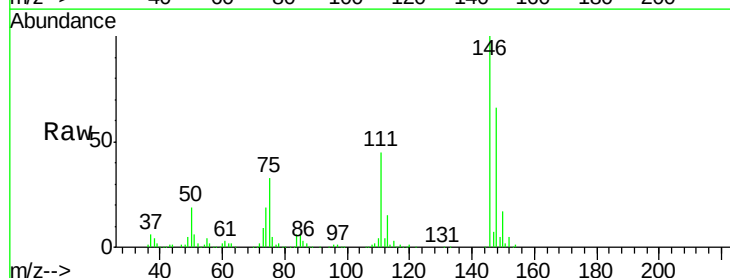
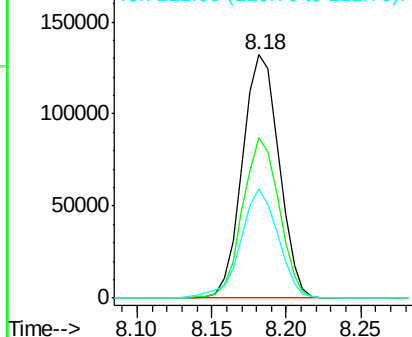
Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

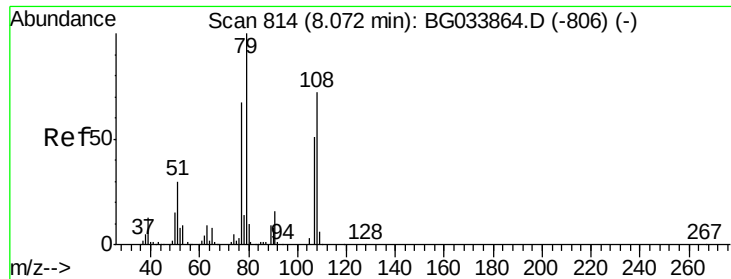


#14
 1,2-Dichlorobenzene
 Concen: 35.622 ng
 RT: 8.18 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	49.3	73.9
111	45.0	34.3	51.5

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: 35.729 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG033894.D

Acq: 20 Apr 2018 20:08

Instrument :

BNA_G

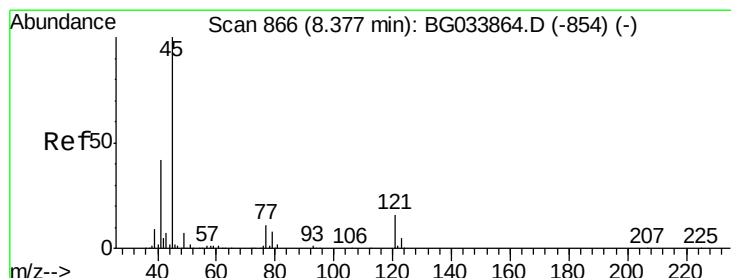
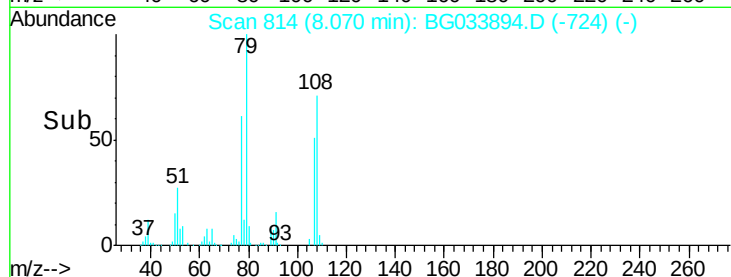
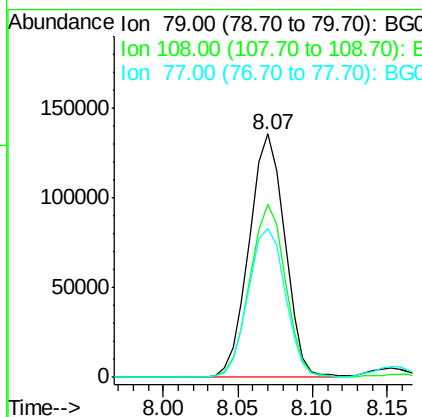
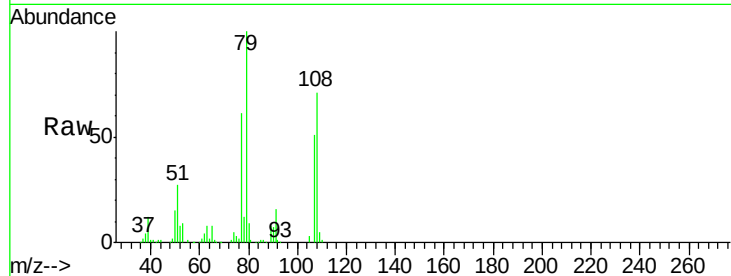
ClientSampleId :

PB108418BS

Tot Ion:	79	Resp:	225178
Ion Ratio	Lower	Upper	
79	100		
108	71.2	57.2	85.8
77	61.3	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.020 ng

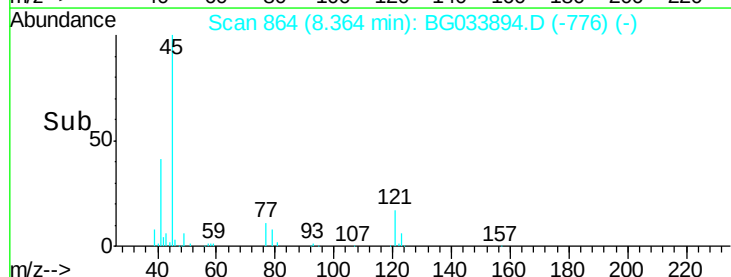
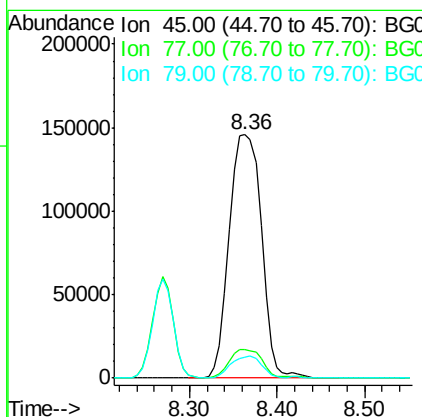
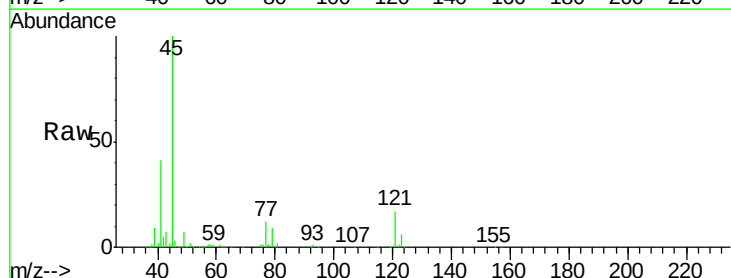
RT: 8.36 min Scan# 864

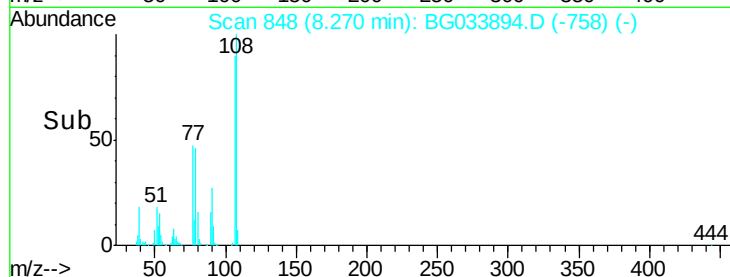
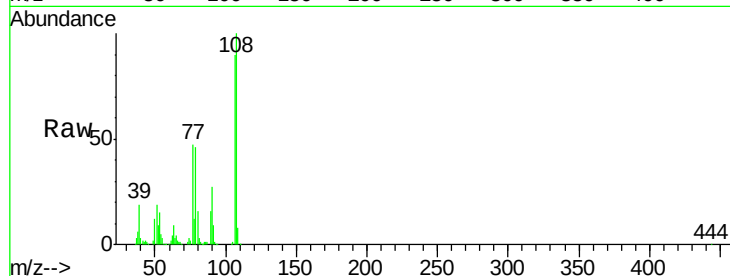
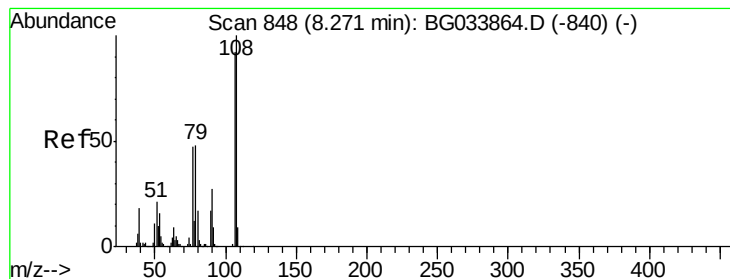
Delta R.T. -0.01 min

Lab File: BG033894.D

Acq: 20 Apr 2018 20:08

Tgt Ion:	45	Resp:	364700
Ion Ratio	Lower	Upper	
45	100		
77	11.7	0.0	30.2
79	8.8	0.0	27.9





#17

2-Methylphenol

Concen: 36.421 ng

RT: 8.27 min Scan# 848

Delta R.T. -0.00 min

Lab File: BG033894.D

Acq: 20 Apr 2018 20:08

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	83.9	125.9	
77	52.4	37.2	55.8	
79	51.2	36.2	54.2	

Instrument :

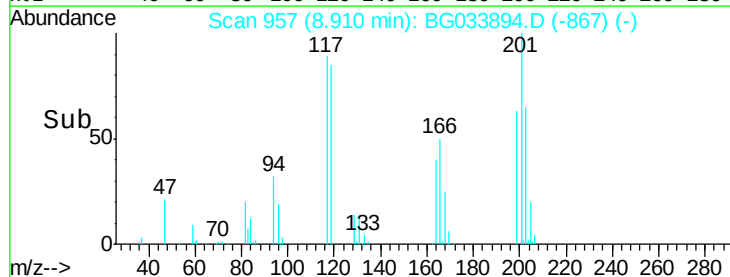
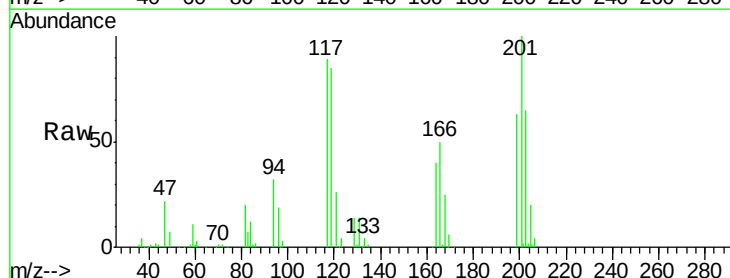
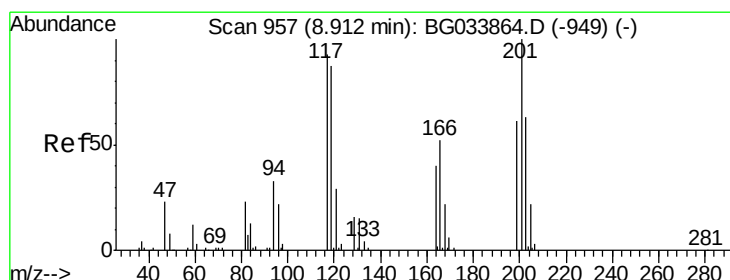
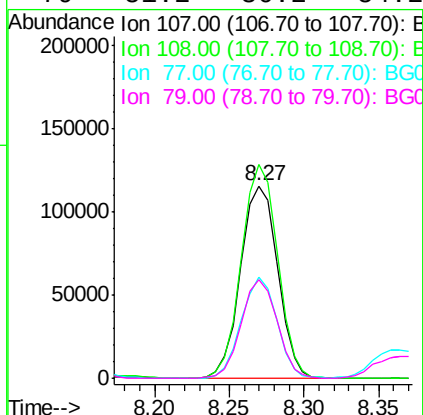
BNA_G

ClientSampleId :

PB108418BS

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#18

Hexachloroethane

Concen: 36.583 ng

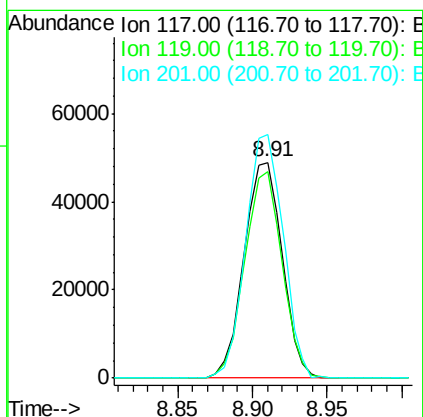
RT: 8.91 min Scan# 957

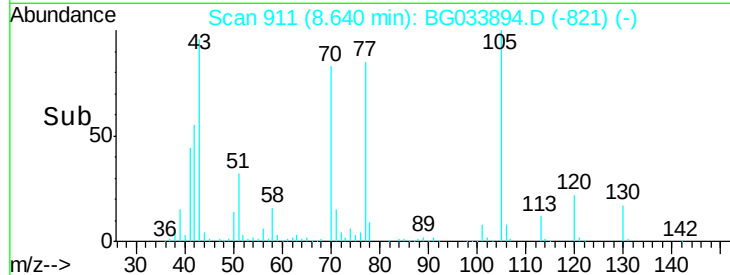
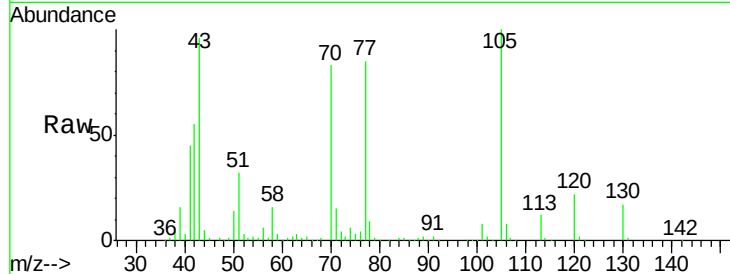
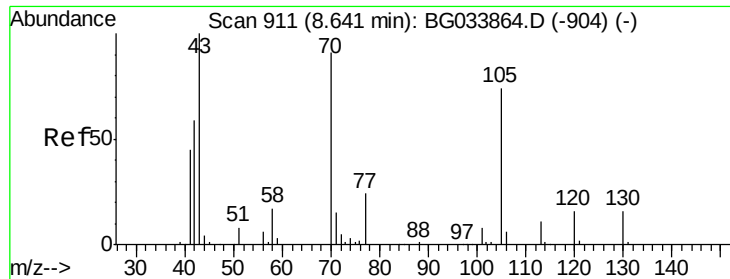
Delta R.T. -0.00 min

Lab File: BG033894.D

Acq: 20 Apr 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	76.7	115.1	
201	115.4	95.7	143.5	





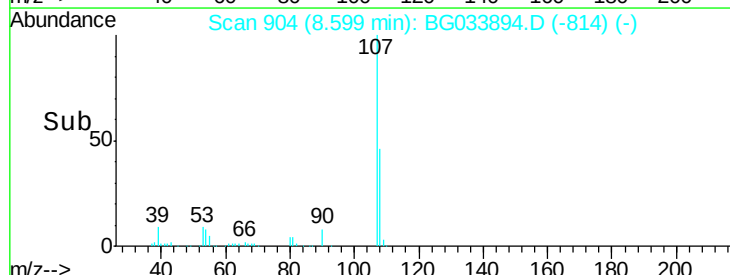
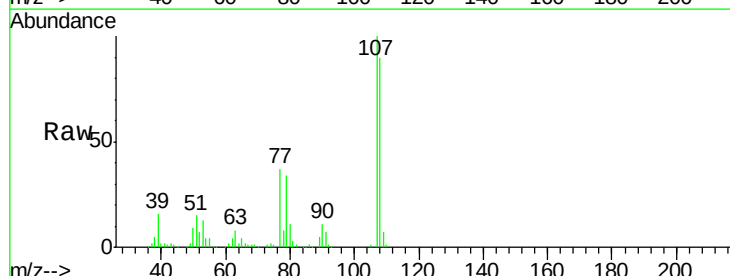
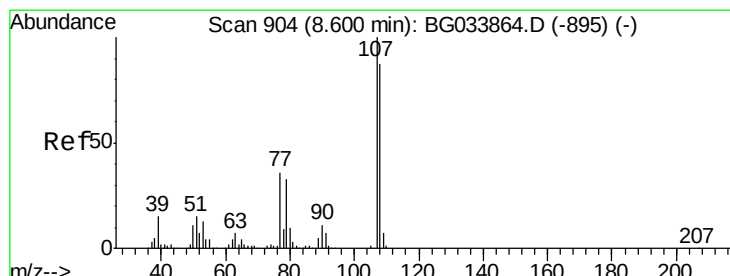
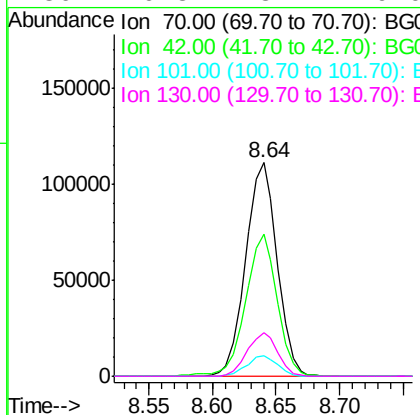
#19
n-Nitroso-di-n-propylamine
Concen: 31.055 ng
RT: 8.64 min Scan# 911
Delta R.T. -0.00 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Instrument :
BNA_G
ClientSampleId :
PB108418BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		191326		
42	66.5	49.1	73.7		
101	9.7	8.5	12.7		
130	20.3	13.4	20.0		

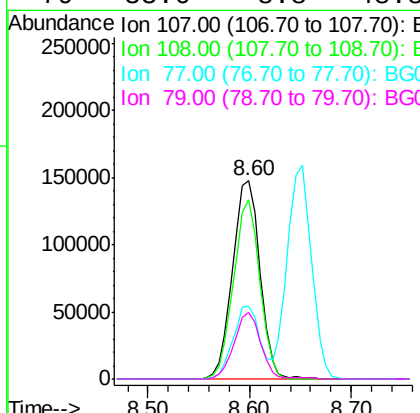
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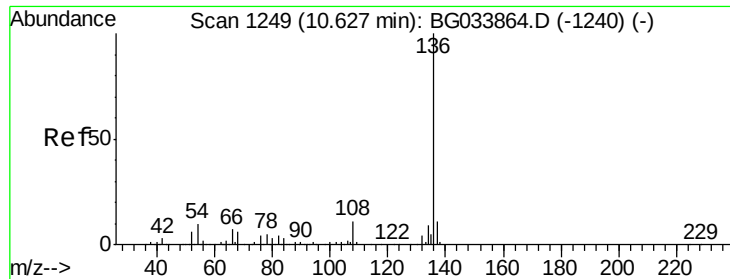
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#20
3+4-Methylphenols
Concen: 34.804 ng
RT: 8.60 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		277479		
108	90.2	61.6	101.6		
77	36.7	13.9	53.9		
79	33.6	8.8	48.8		





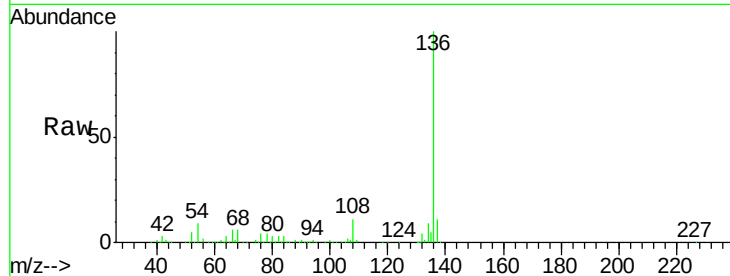
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Instrument :
BNA_G
ClientSampleId :
PB108418BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.2	13.8	
54	9.1	10.3	15.5	
68	5.7	4.5	6.7	

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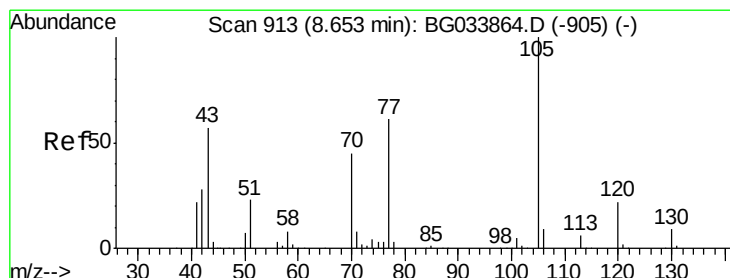
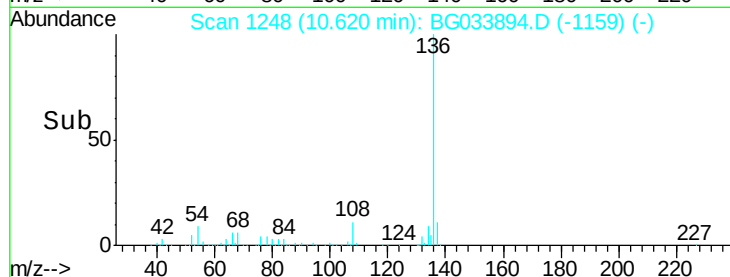
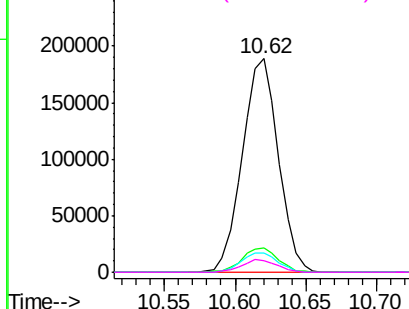
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 36.223 ng
RT: 8.65 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.0	3.0	4.4	
51	29.6	26.1	39.1	
120	21.7	17.4	26.2	

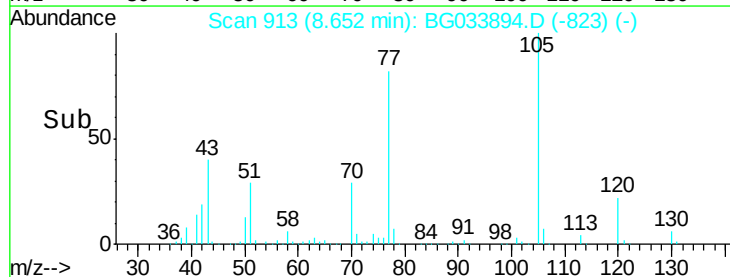
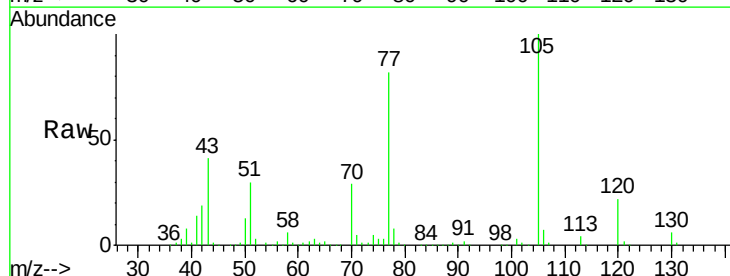
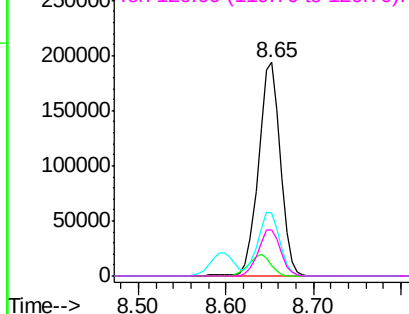
Abundance

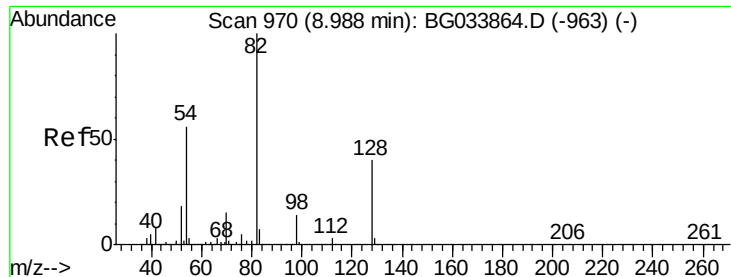
Ion 105.00 (104.70 to 105.70): E

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





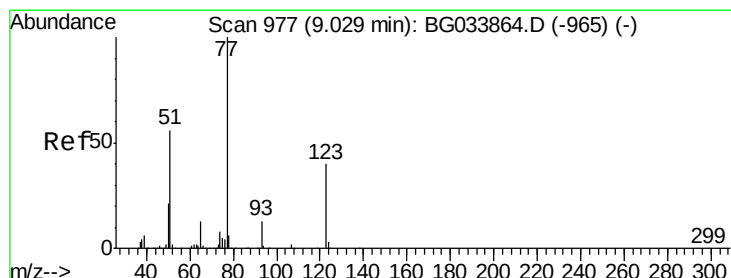
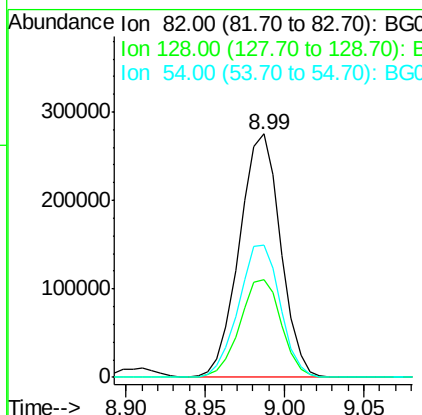
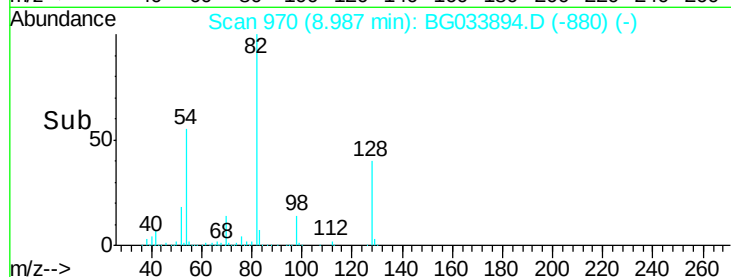
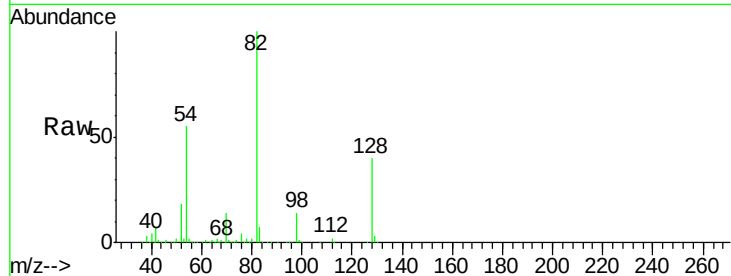
#23
 Nitrobenzene-d5
 Concen: 83.611 ng
 RT: 8.99 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PB108418BS

Tot Ion:	82	Resp:	495330
Ion Ratio	Lower	Upper	
82	100		
128	40.4	29.7	44.5
54	54.5	43.1	64.7

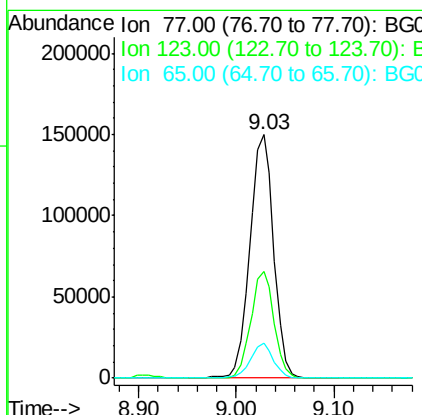
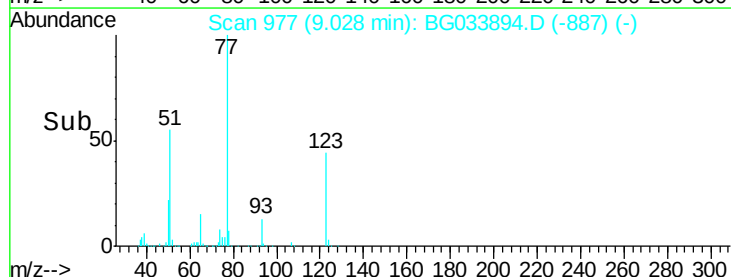
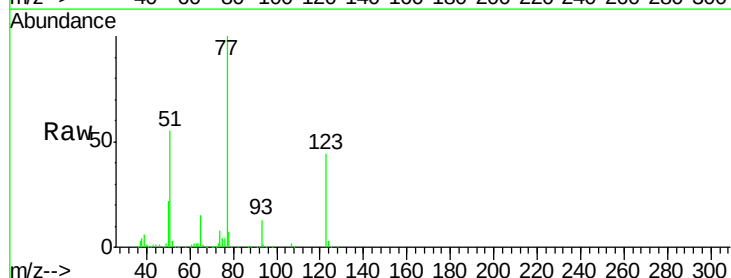
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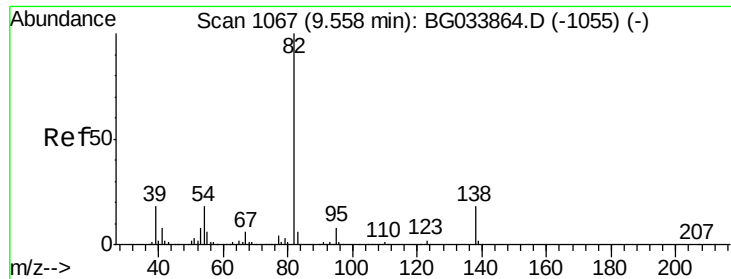
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#24
 Nitrobenzene
 Concen: 39.688 ng
 RT: 9.03 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Tgt Ion:	77	Resp:	256211
Ion Ratio	Lower	Upper	
77	100		
123	44.0	33.0	49.6
65	14.6	13.0	19.6





#25

Isophorone

Concen: 37.229 ng

RT: 9.55 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BG033894.D

Acq: 20 Apr 2018 20:08

Instrument :

BNA_G

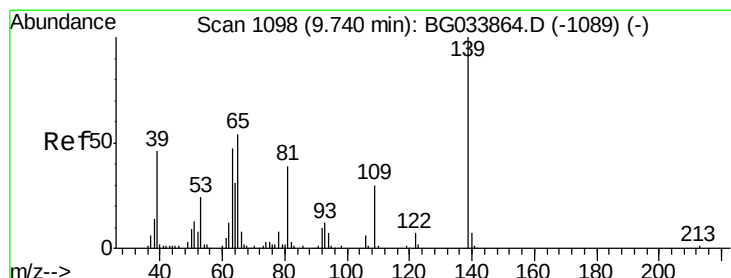
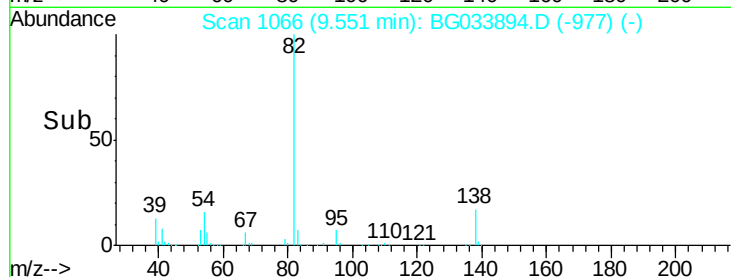
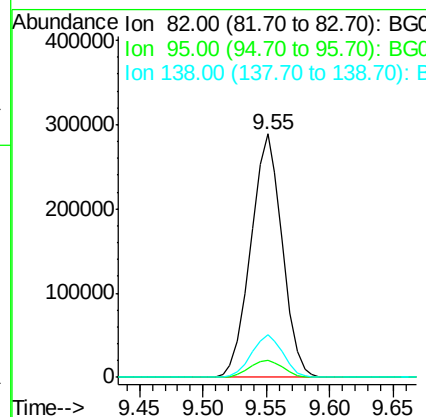
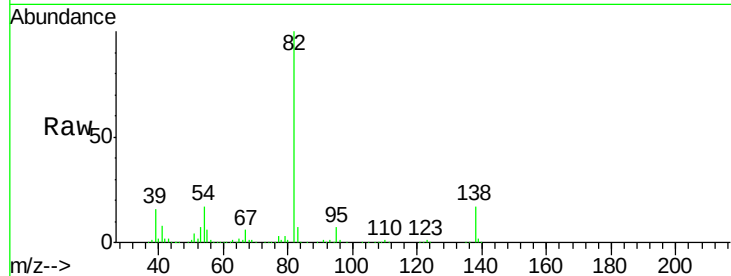
ClientSampleId :

PB108418BS

Tot Ion:	82	Resp:	495872
Ion Ratio	Lower	Upper	
82	100		
95	7.3	6.2	9.2
138	17.3	12.1	18.1

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#26

2-Nitrophenol

Concen: 43.950 ng

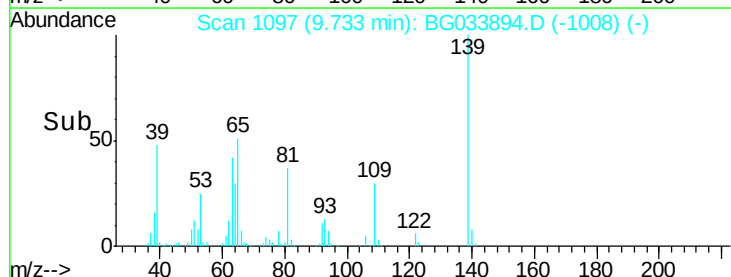
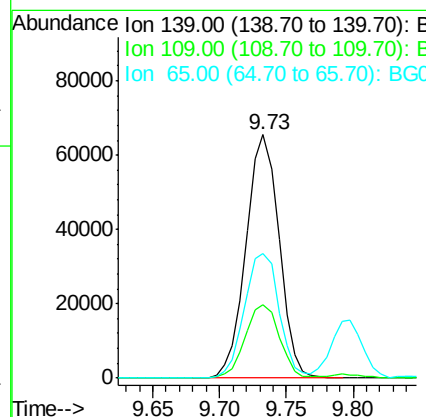
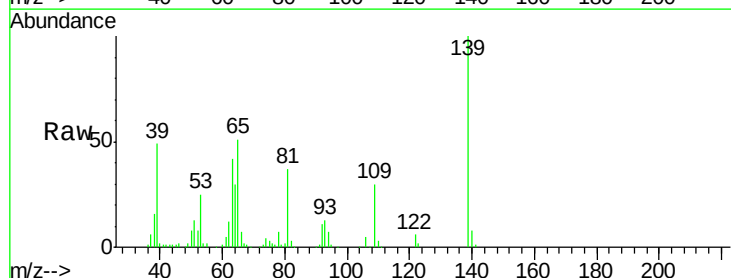
RT: 9.73 min Scan# 1097

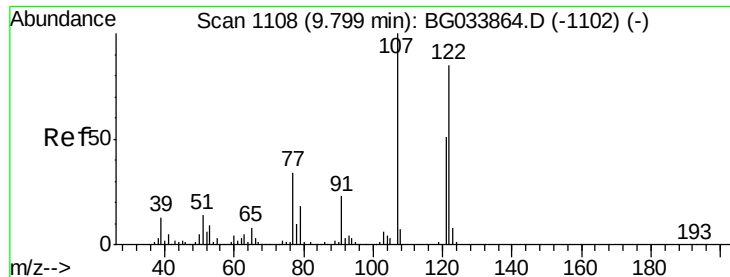
Delta R.T. -0.01 min

Lab File: BG033894.D

Acq: 20 Apr 2018 20:08

Tgt Ion:	139	Resp:	112108
Ion Ratio	Lower	Upper	
139	100		
109	30.3	24.2	36.2
65	51.0	47.4	71.0





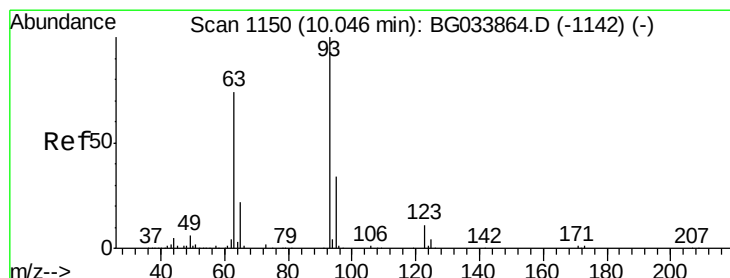
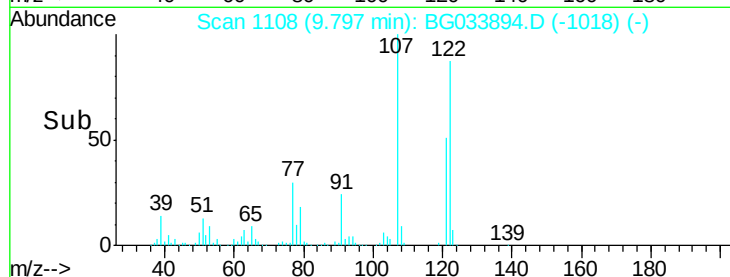
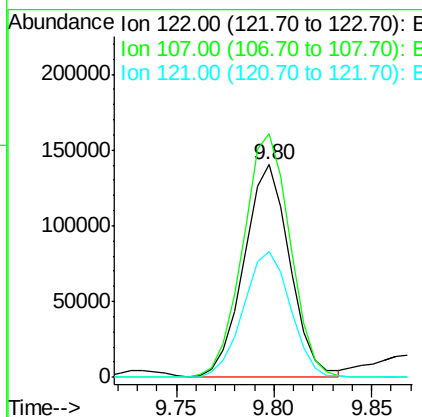
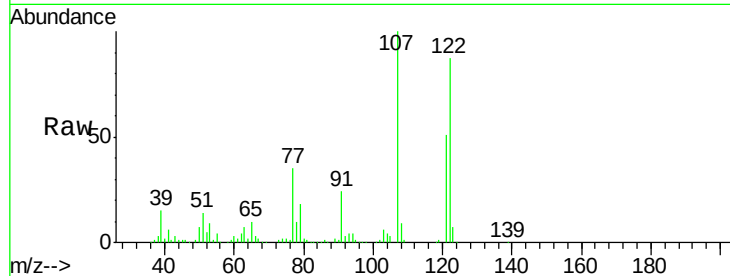
#27
 2,4-Dimethylphenol
 Concen: 47.624 ng
 RT: 9.80 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PB108418BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		227218		
107	114.6	100.2	150.2		
121	59.0	44.4	66.6		

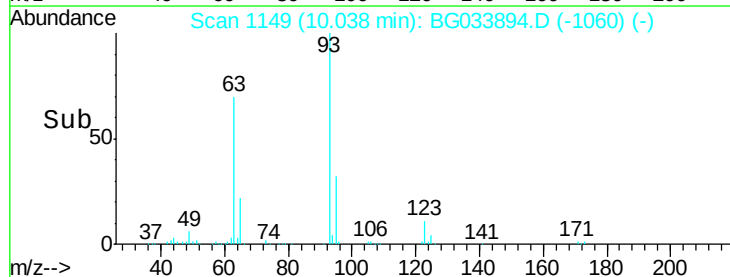
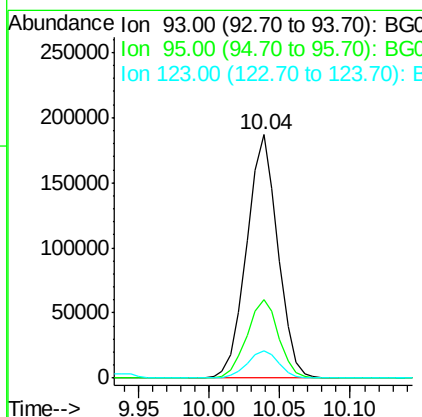
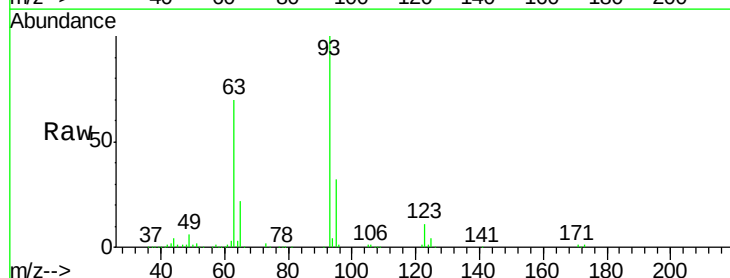
Manual Integrations
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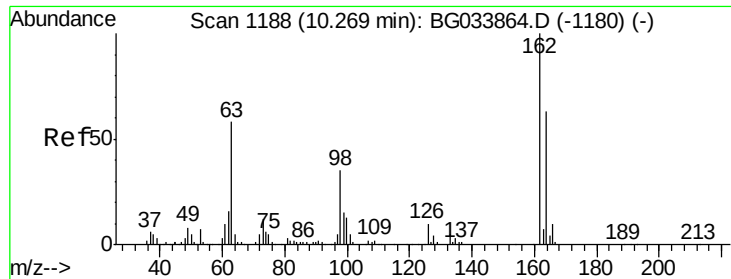
Sohil
 4/23/2018 2:29:50 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.070 ng
 RT: 10.04 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		289103		
95	32.3	24.3	36.5		
123	11.3	8.4	12.6		





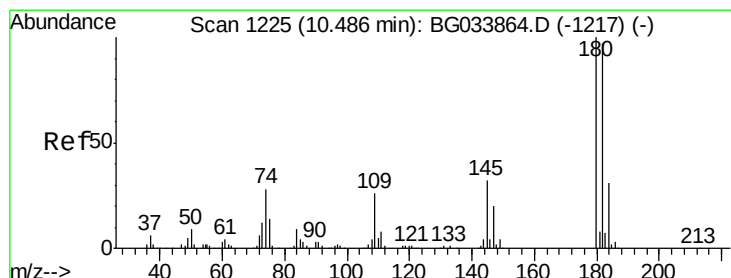
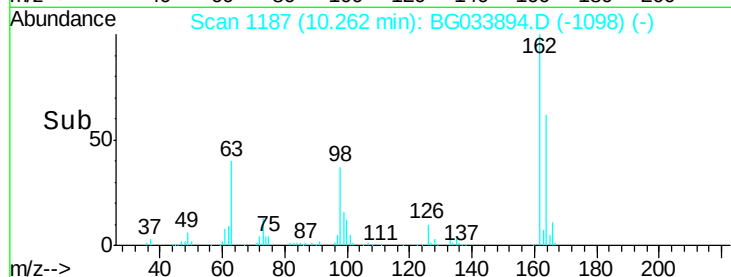
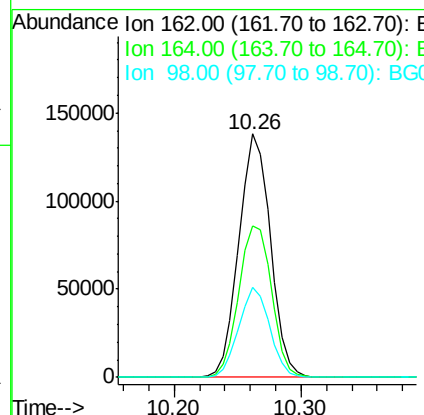
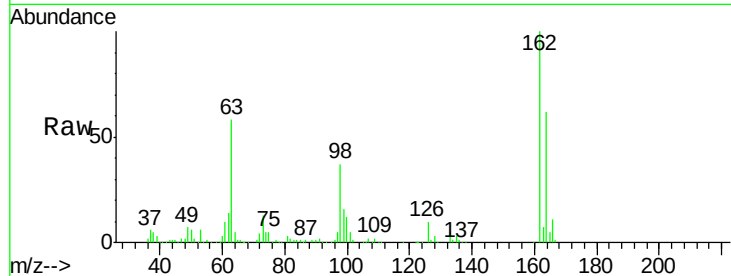
#29
2,4-Dichlorophenol
Concen: 44.865 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Instrument :
BNA_G
ClientSampleId :
PB108418BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	238625		
164	62.1	48.0	88.0	
98	36.9	21.1	61.1	

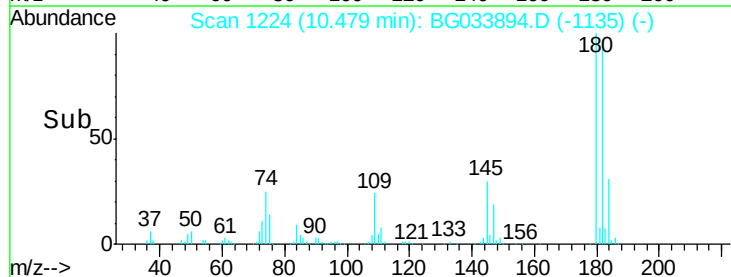
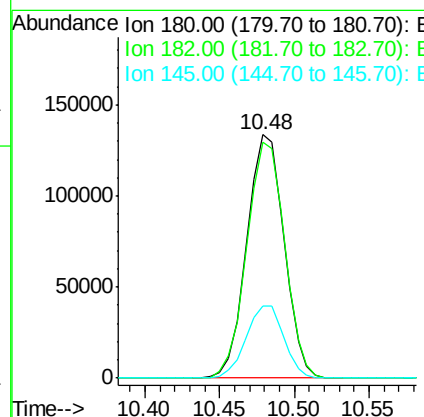
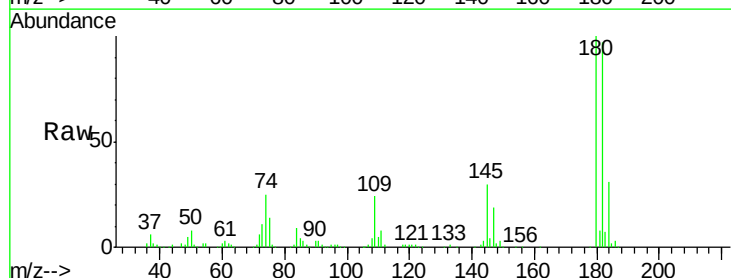
Manual Integrations
APPROVED

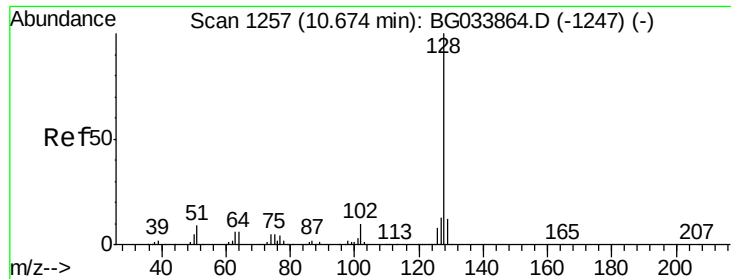
Sohil
4/23/2018 2:29:50 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.737 ng
RT: 10.48 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	230758		
182	97.0	77.5	116.3	
145	29.5	23.4	35.2	





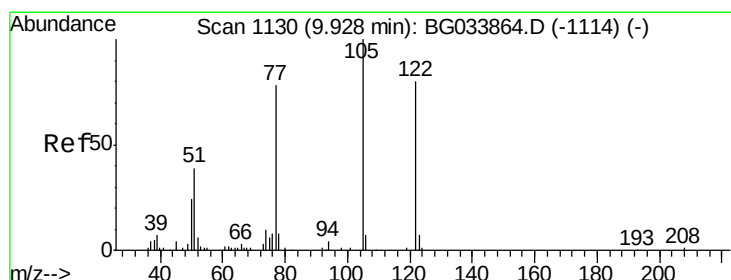
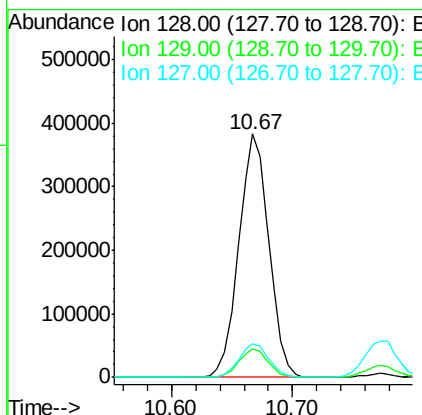
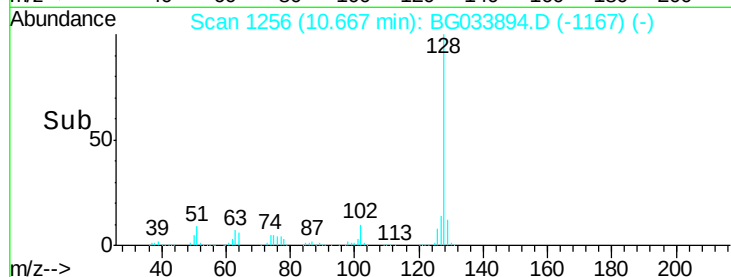
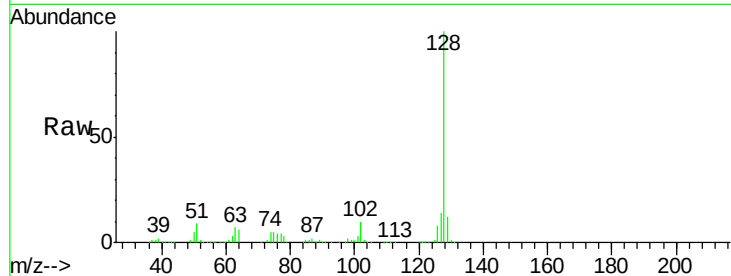
#31
Naphthalene
Concen: 38.192 ng
RT: 10.67 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Instrument :
BNA_G
ClientSampled :
PB108418BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	662159		
129	11.7		8.6	12.8
127	13.8		11.6	17.4

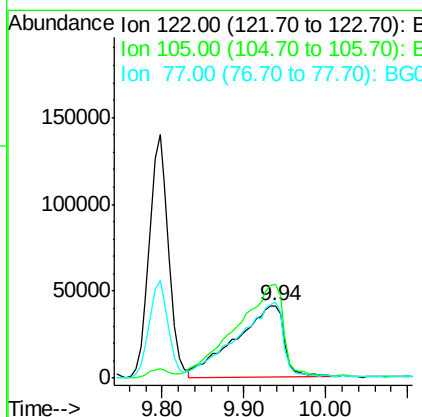
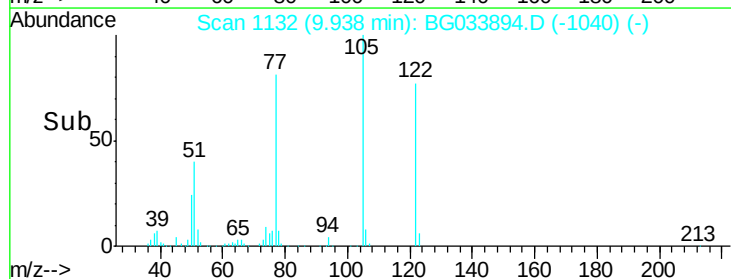
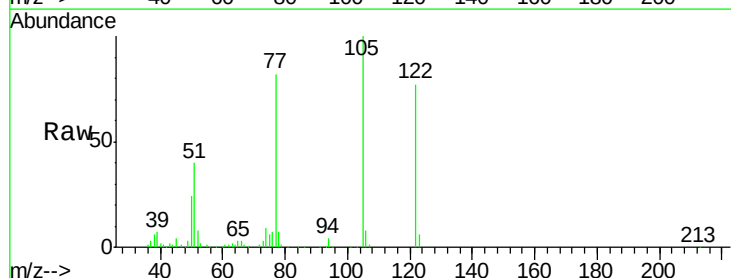
Manual Integrations
APPROVED

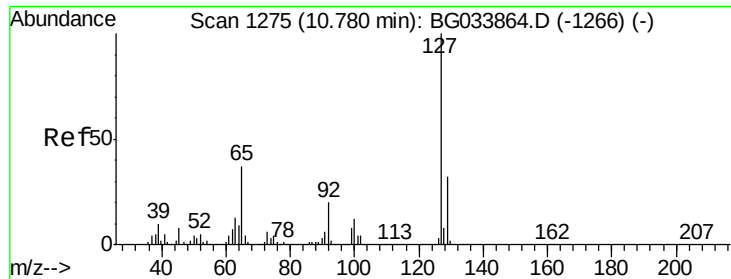
Sohil
4/23/2018 2:29:50 PM



#32
Benzoic acid
Concen: 36.669 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	167987		
105	129.3		123.5	163.5
77	105.5		85.7	125.7





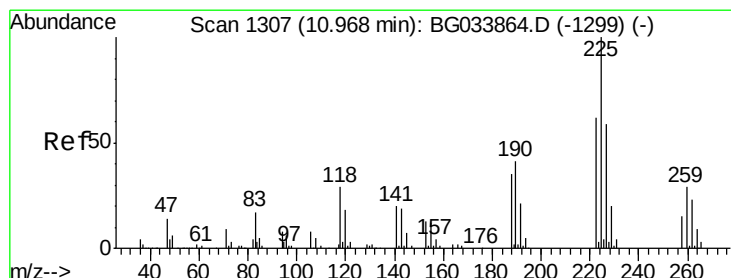
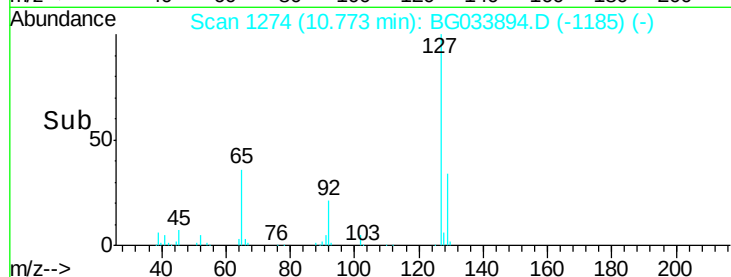
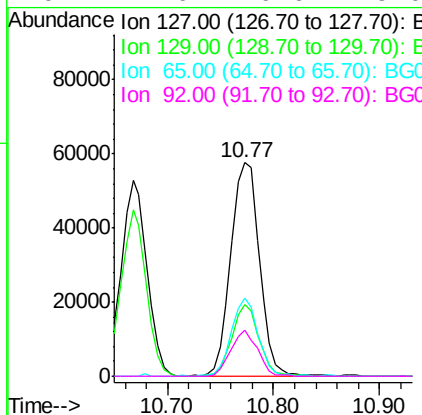
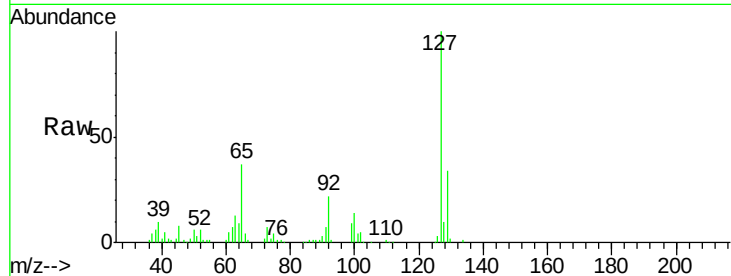
#33
4-Chloroaniline
Concen: 13.292 ng
RT: 10.77 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Instrument :
BNA_G
ClientSampleId :
PB108418BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.7	24.0	36.0		
65	36.6	27.0	40.4		
92	21.6	16.6	25.0		

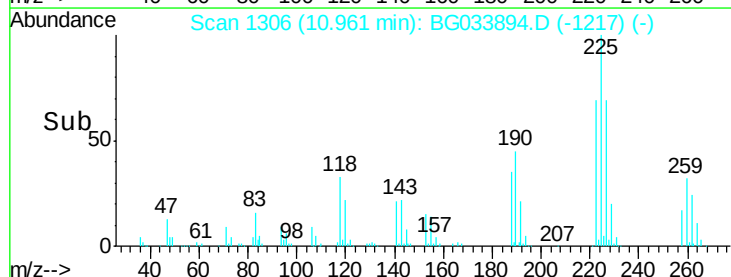
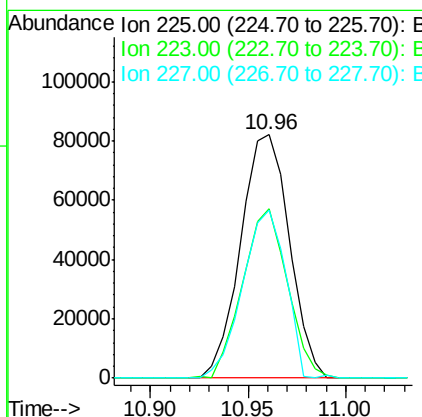
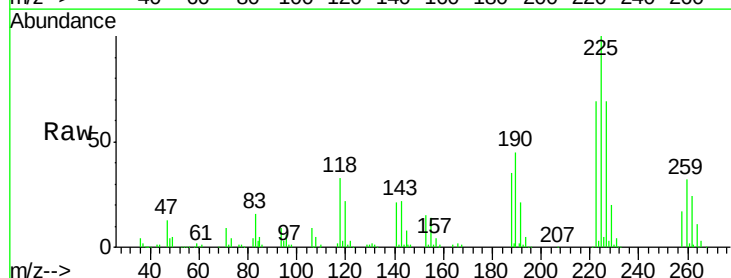
Manual Integrations
APPROVED

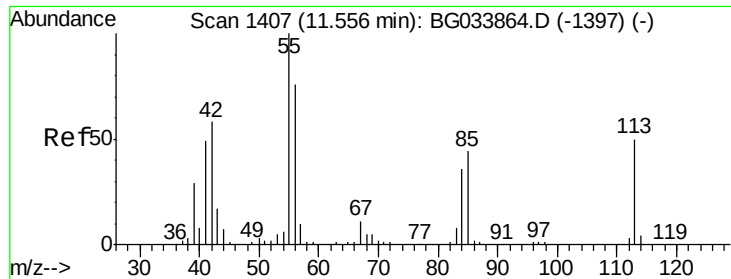
Sohil
4/23/2018 2:29:50 PM



#34
Hexachlorobutadiene
Concen: 39.816 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	69.5	49.7	74.5		
227	69.1	48.1	72.1		





#35

Caprolactam

Concen: 38.994 ng/mL

RT: 11.55 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BG033894.D

Acq: 20 Apr 2018 20:08

Instrument :

BNA_G

ClientSampleID :

PB108418BS

Tot Ion:113 Resp: 88177

Ion Ratio Lower Upper

113 100

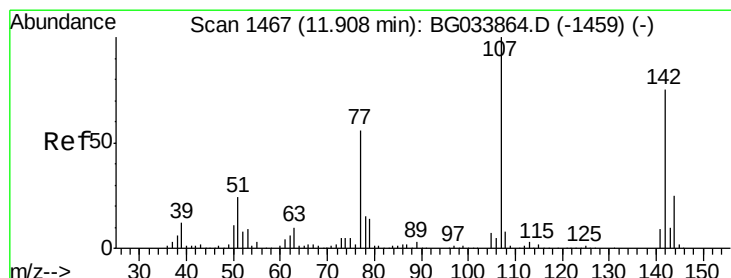
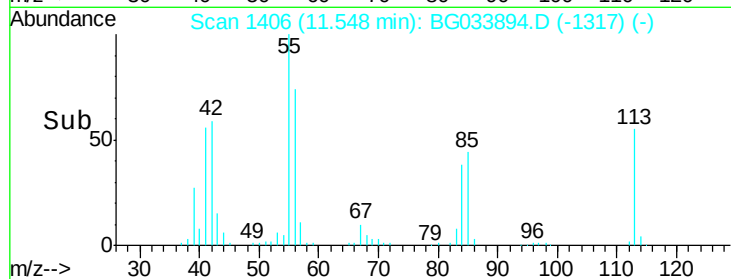
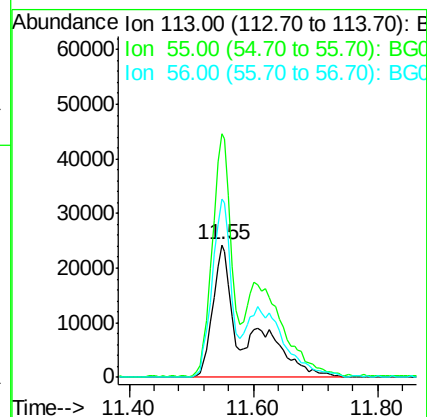
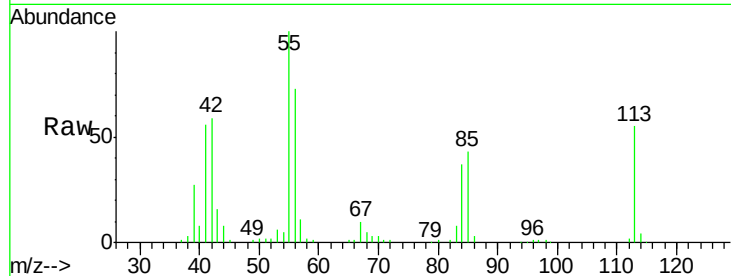
55 183.4 186.9 226.9#

56 134.4 130.9 170.9

Manual Integrations
APPROVED

Sohil

4/23/2018 2:29:50 PM



#36

4-Chloro-3-methylphenol

Concen: 39.874 ng/mL

RT: 11.90 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BG033894.D

Acq: 20 Apr 2018 20:08

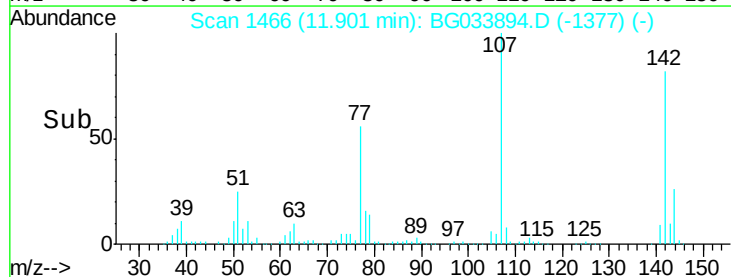
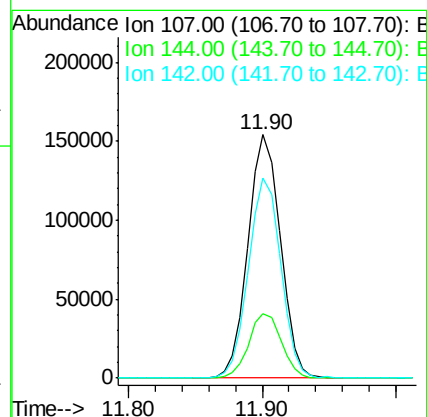
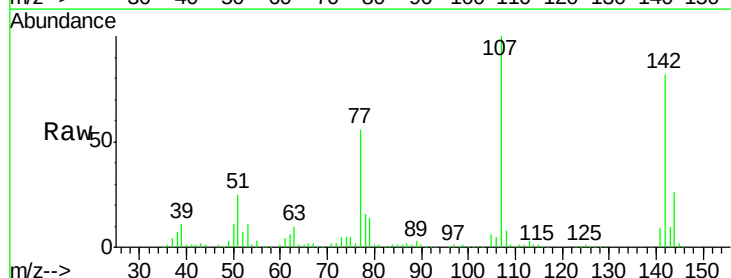
Tgt Ion:107 Resp: 258842

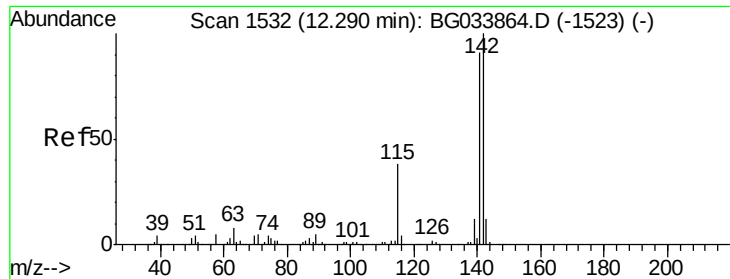
Ion Ratio Lower Upper

107 100

144 26.5 18.2 27.4

142 82.4 59.0 88.4





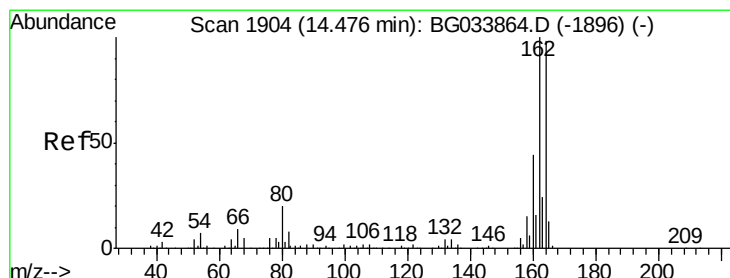
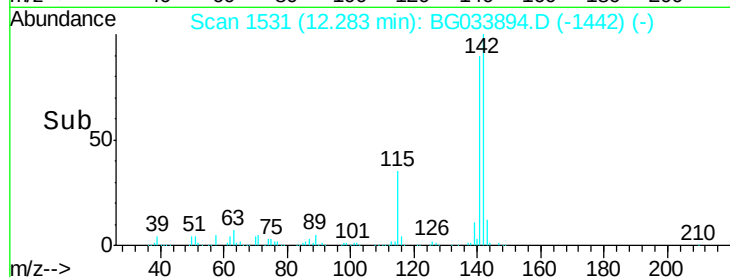
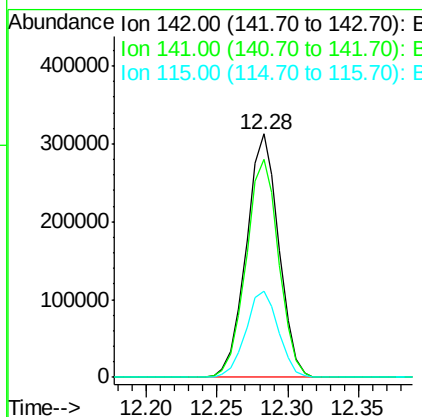
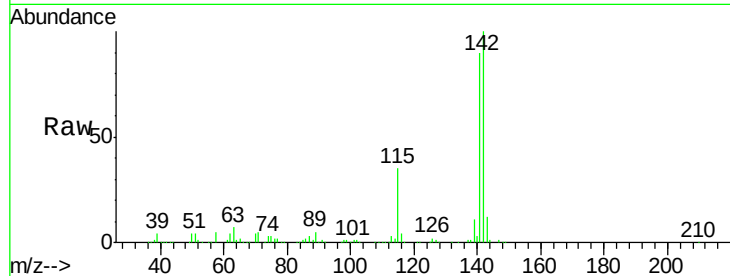
#37
2-Methylnaphthalene
Concen: 37.810 ng
RT: 12.28 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Instrument :
BNA_G
ClientSampleId :
PB108418BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	67.1	100.7
115	35.3	30.7	46.1

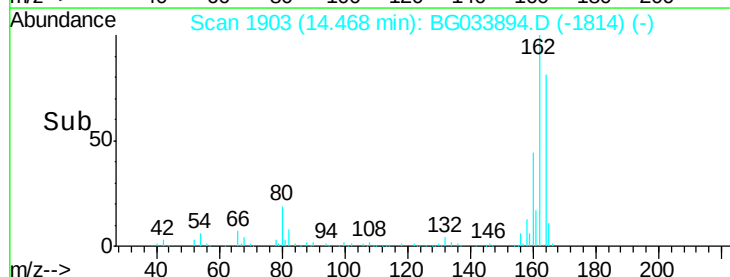
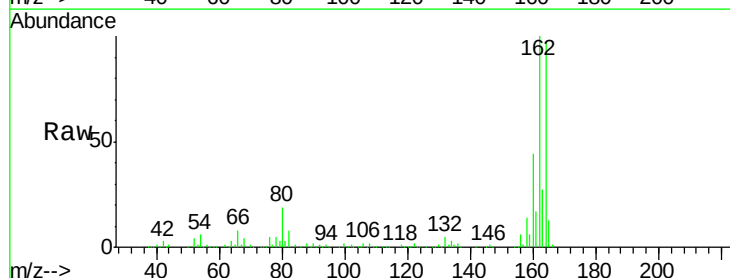
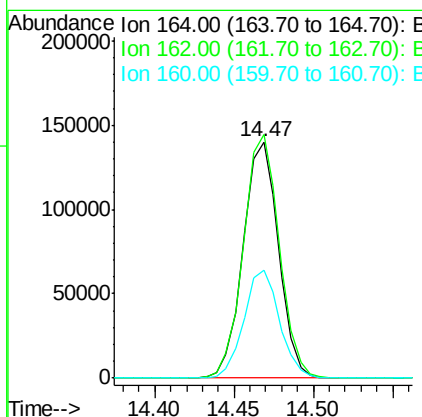
Manual Integrations
APPROVED

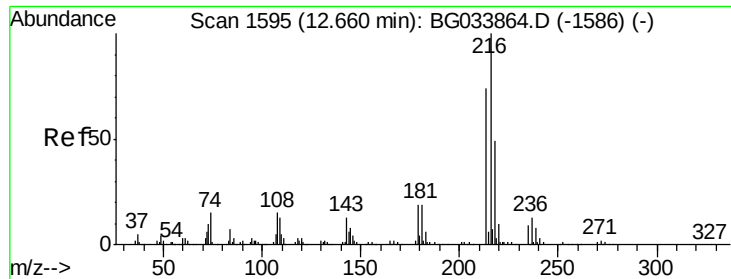
Sohil
4/23/2018 2:29:50 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.47 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.8	118.2
160	45.5	35.4	53.0





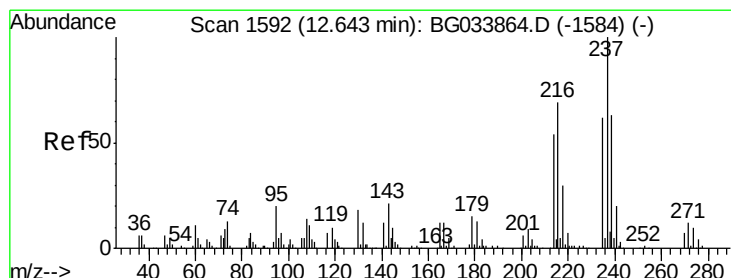
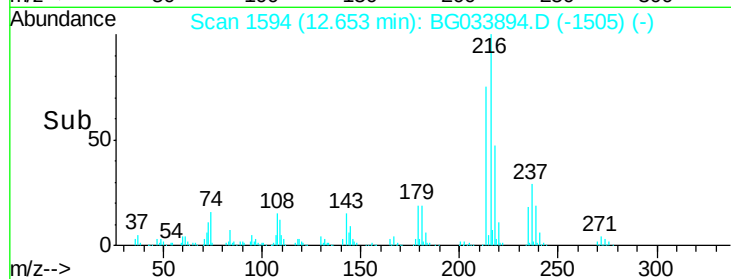
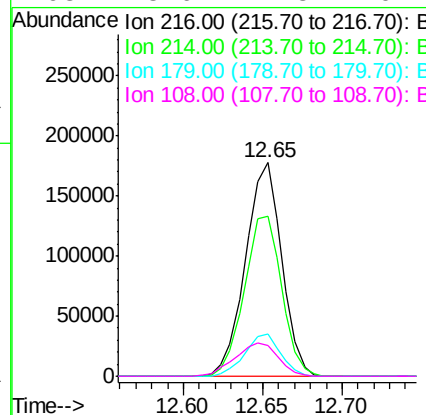
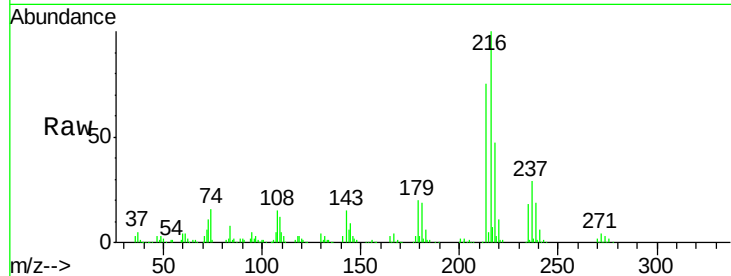
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.121 ng
 RT: 12.65 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PB108418BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	77.3		63.0	94.4	
179	19.5		17.0	25.6	
108	18.6		12.8	19.2	

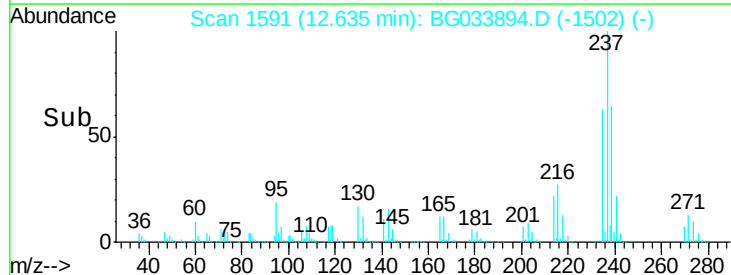
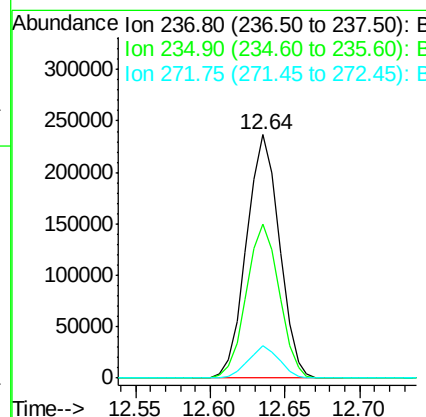
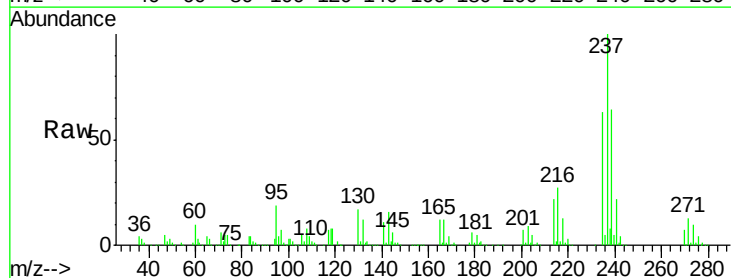
Manual Integrations
 APPROVED

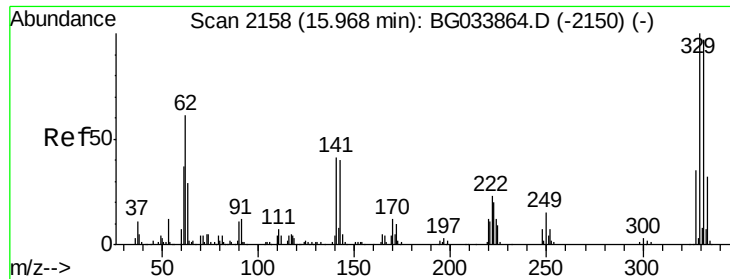
Sohil
 4/23/2018 2:29:50 PM



#40
 Hexachlorocyclopentadiene
 Concen: 91.067 ng
 RT: 12.64 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.3		50.4	90.4	
272	13.3		0.0	31.8	





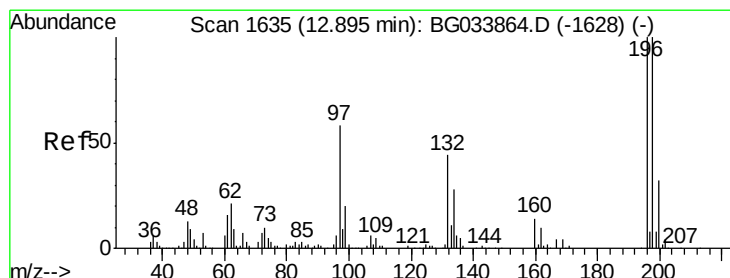
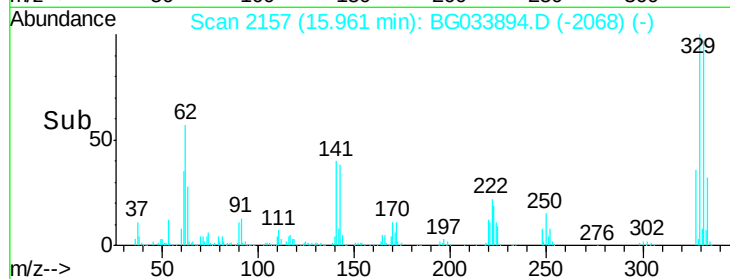
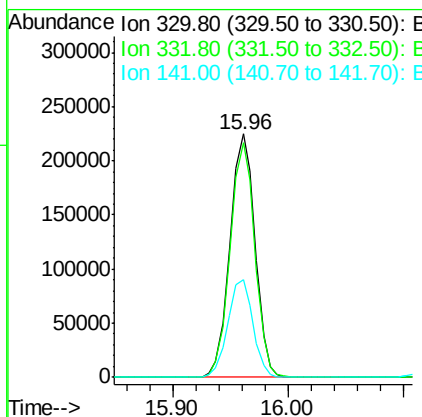
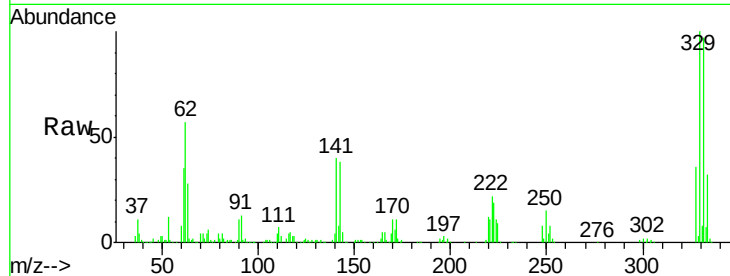
#41
 2,4,6-Tribromophenol
 Concen: 133.277 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PB108418BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	77.0	115.6	
141	40.3	25.2	37.8	

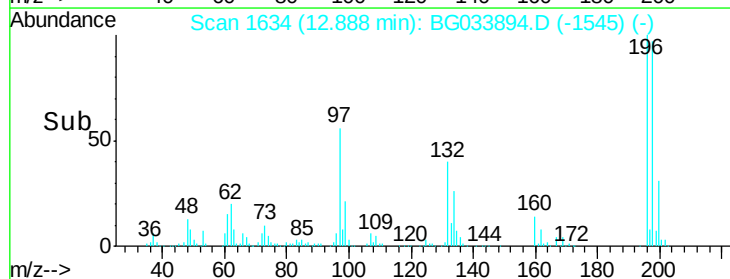
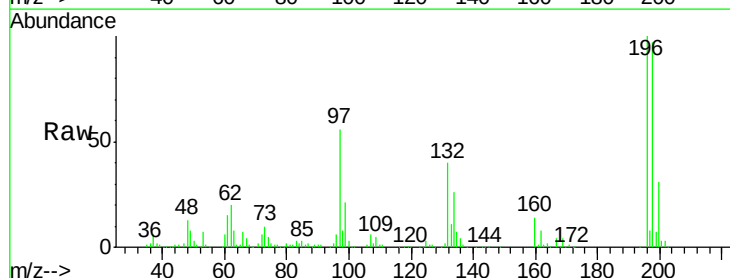
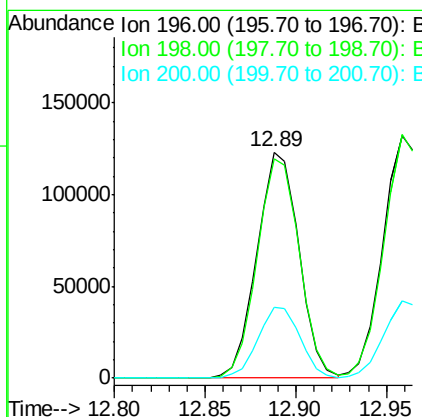
Manual Integrations
 APPROVED

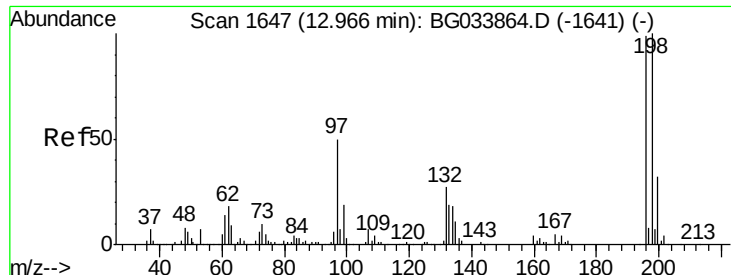
Sohil
 4/23/2018 2:29:50 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.165 ng
 RT: 12.89 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	104.2	78.2	117.2	
200	33.8	24.6	36.8	





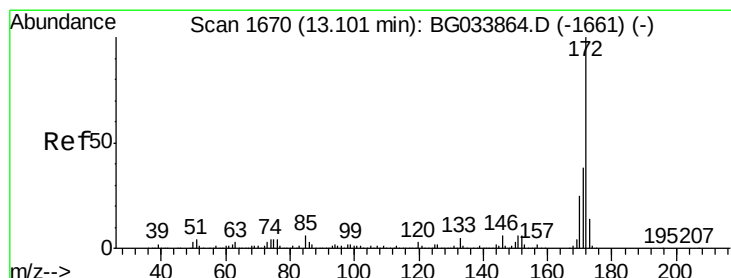
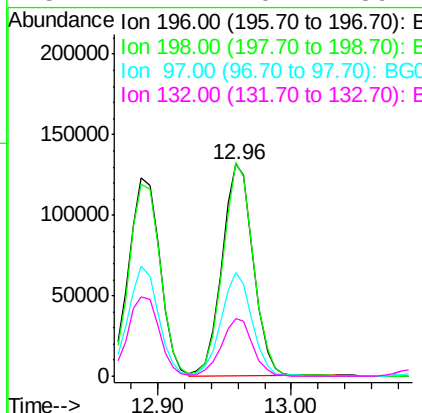
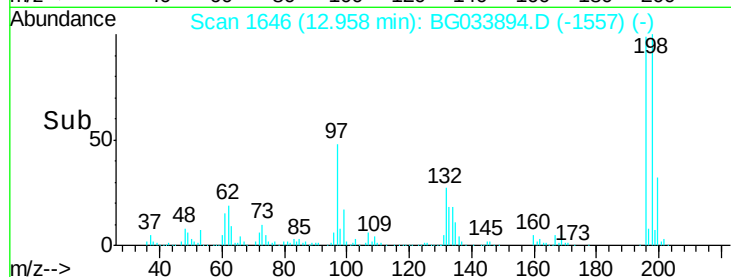
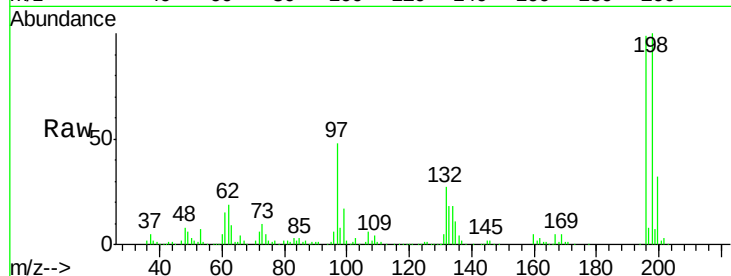
#43
 2,4,5-Trichlorophenol
 Concen: 42.654 ng
 RT: 12.96 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PB108418BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	215283		
198	100.6	76.2	114.4	
97	48.8	38.7	58.1	
132	27.4	20.2	30.2	

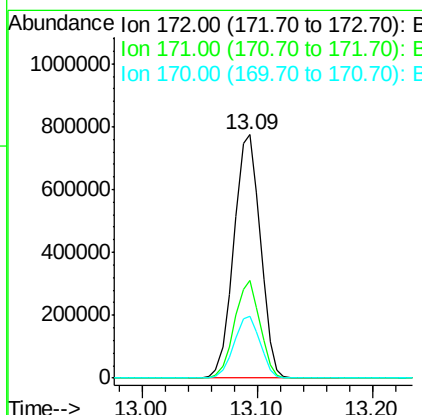
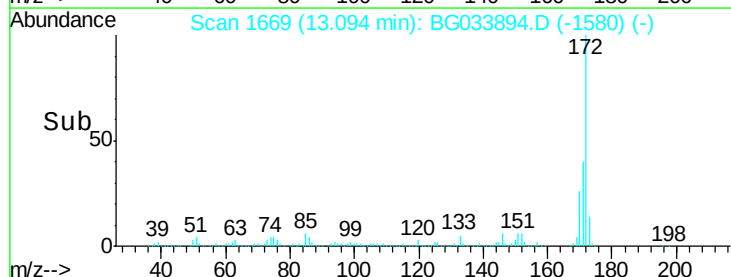
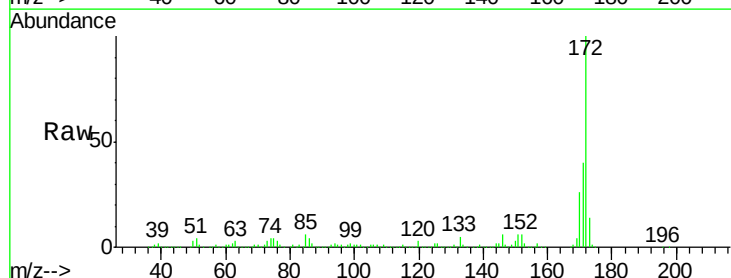
Manual Integrations
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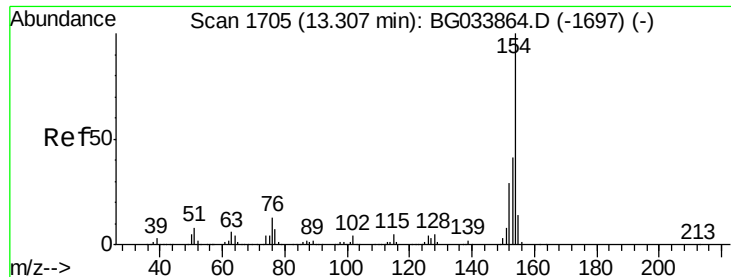
Sohil
 4/23/2018 2:29:50 PM



#44
 2-Fluorobiphenyl
 Concen: 83.429 ng
 RT: 13.09 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1231497		
171	40.0	30.0	45.0	
170	25.7	19.5	29.3	





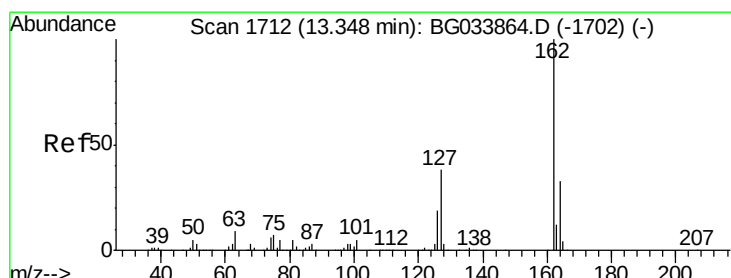
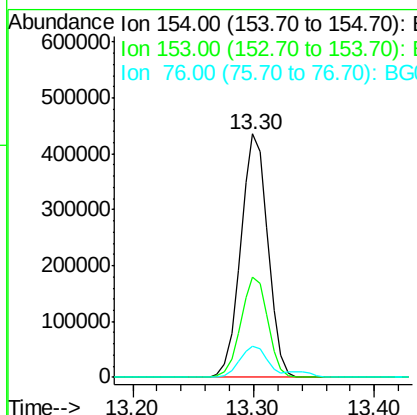
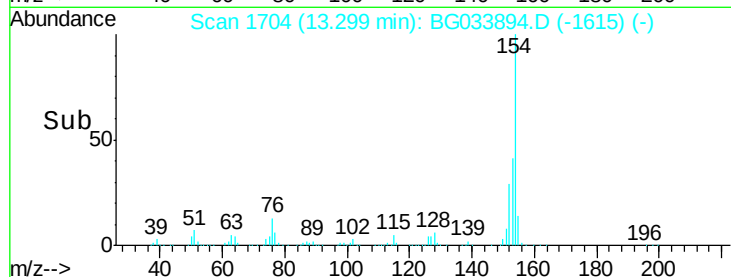
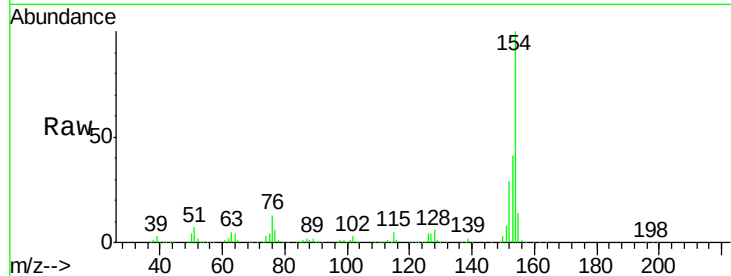
#45
 1,1'-Biphenyl
 Concen: 38.701 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PB108418BS

Tot Ion:	154	Resp:	679338
Ion Ratio	Lower	Upper	
154	100		
153	41.4	19.8	59.8
76	12.8	0.0	31.9

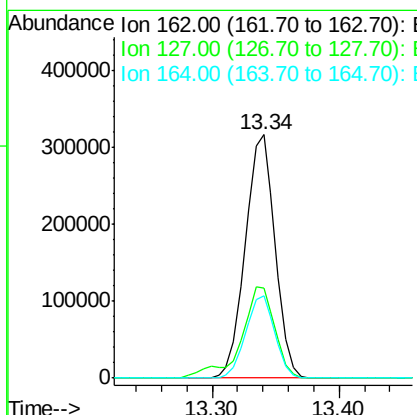
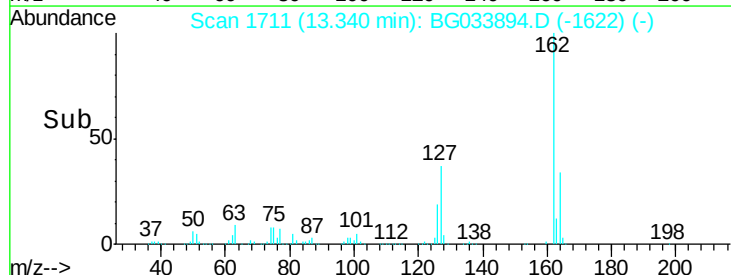
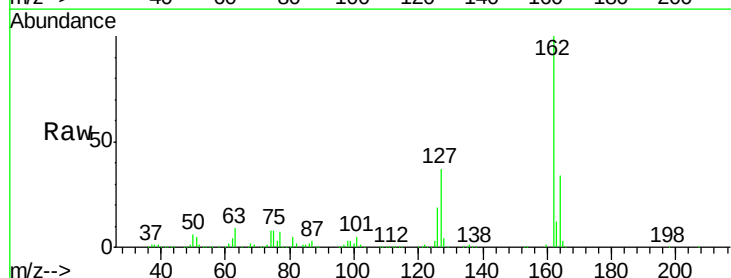
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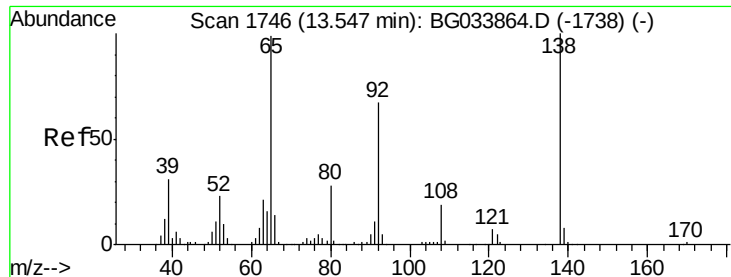
Sohil
 4/23/2018 2:29:50 PM



#46
 2-Chloronaphthalene
 Concen: 38.657 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Tgt Ion:	162	Resp:	514514
Ion Ratio	Lower	Upper	
162	100		
127	37.2	30.7	46.1
164	33.9	26.0	39.0





#47

2-Nitroaniline

Concen: 41.530 ng

RT: 13.54 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BG033894.D

Acq: 20 Apr 2018 20:08

Instrument :

BNA_G

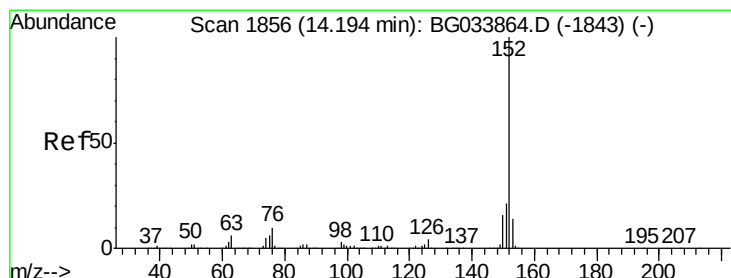
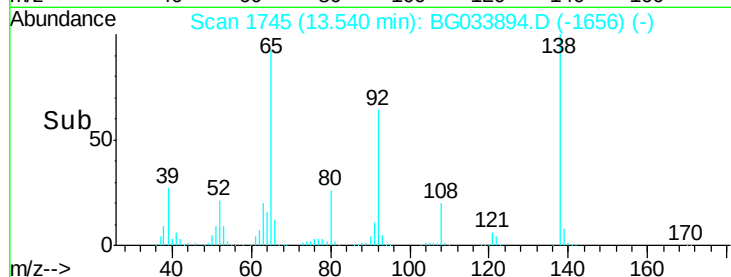
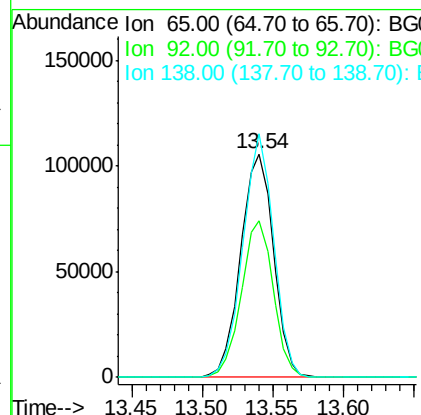
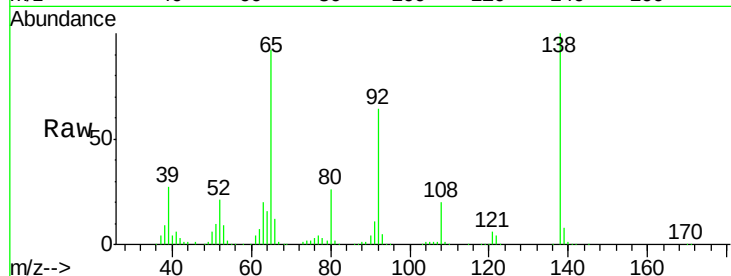
ClientSampleId :

PB108418BS

Tot Ion:	65	Resp:	172587
Ion	Ratio	Lower	Upper
65	100		
92	70.2	54.6	82.0
138	109.1	72.9	109.3

Manual Integrations
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Sohil
4/23/2018 2:29:50 PM



#48

Acenaphthylene

Concen: 37.408 ng

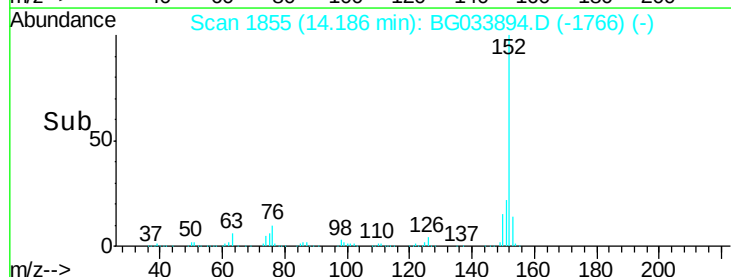
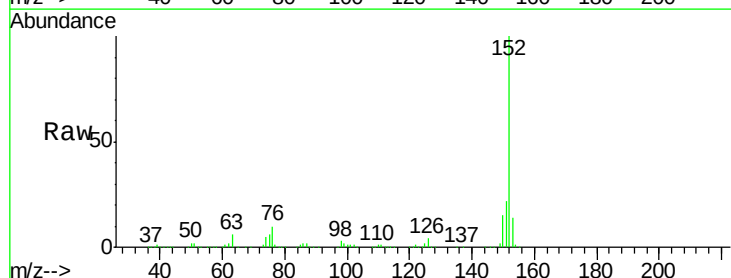
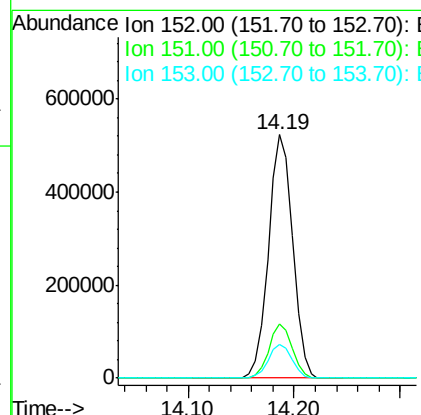
RT: 14.19 min Scan# 1855

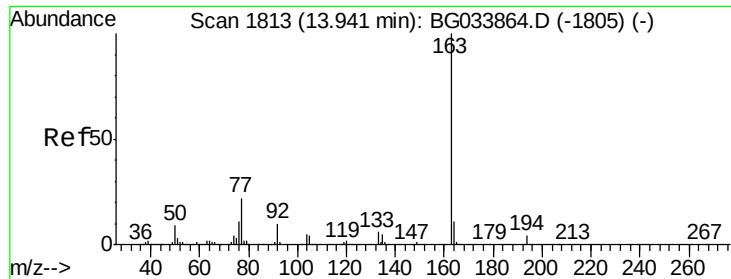
Delta R.T. -0.01 min

Lab File: BG033894.D

Acq: 20 Apr 2018 20:08

Tgt Ion:	152	Resp:	827612
Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.2	25.8
153	13.6	10.2	15.4





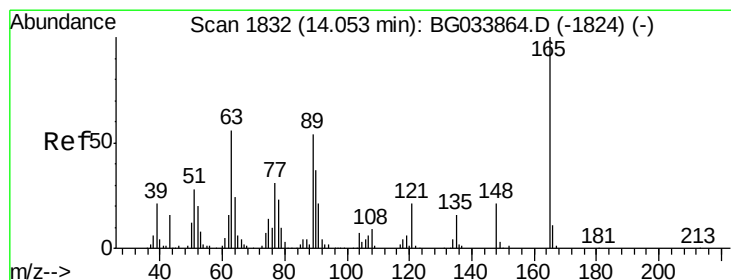
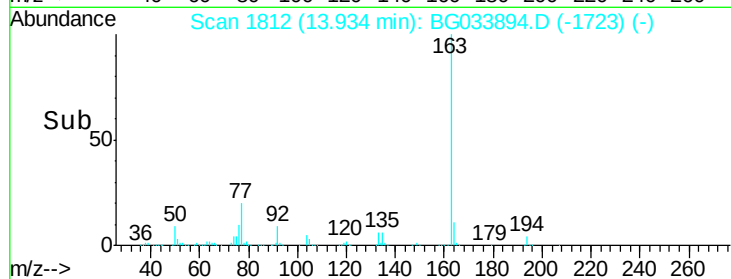
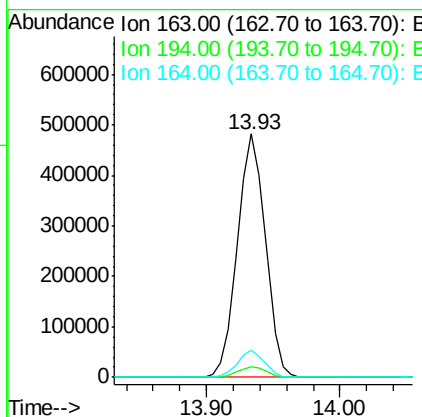
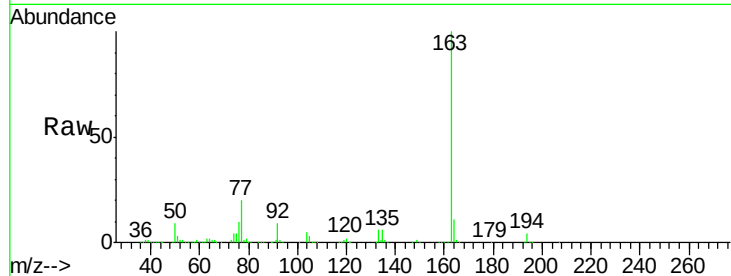
#49
Dimethylphthalate
Concen: 36.728 ng
RT: 13.93 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Instrument :
BNA_G
ClientSampleId :
PB108418BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	700570		
194	4.5		3.4	5.2
164	11.2		8.2	12.4

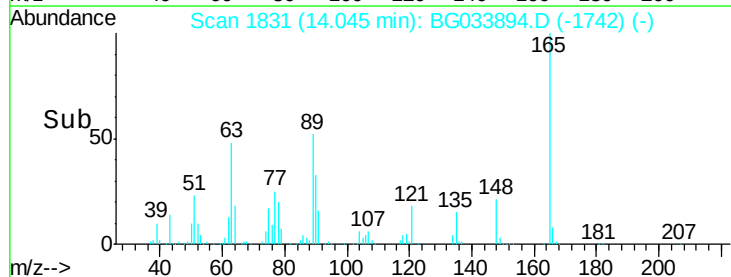
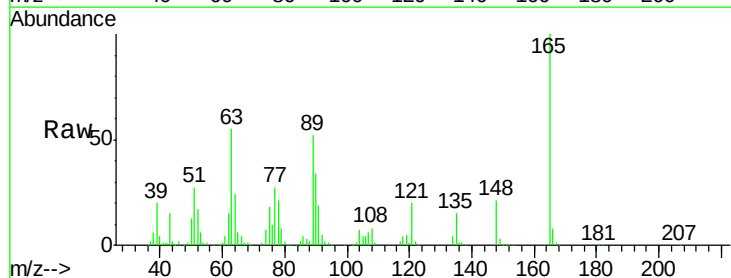
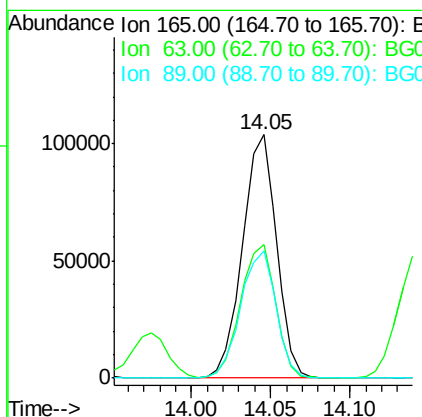
Manual Integrations
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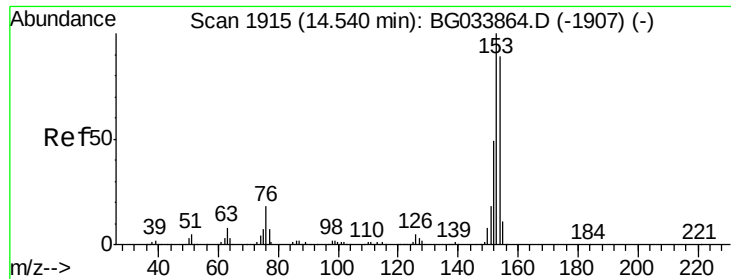
Sohil
4/23/2018 2:29:50 PM



#50
2,6-Dinitrotoluene
Concen: 42.776 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	154629		
63	54.6		52.7	79.1
89	52.4		49.2	73.8





#51

Acenaphthene

Concen: 36.568 ng

RT: 14.53 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BG033894.D

Acq: 20 Apr 2018 20:08

Instrument :

BNA_G

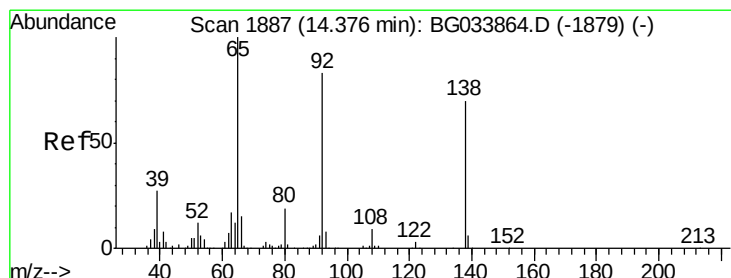
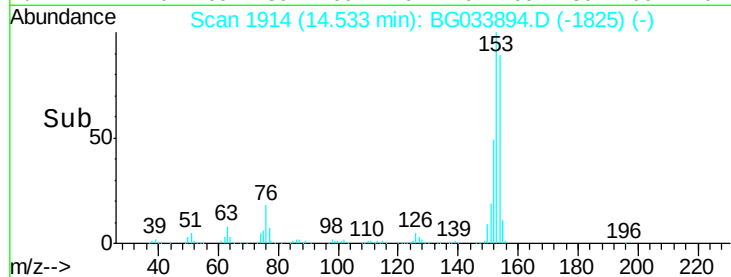
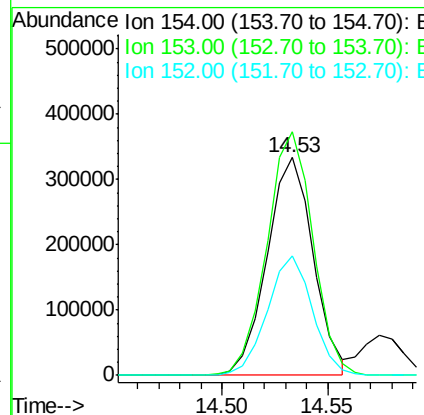
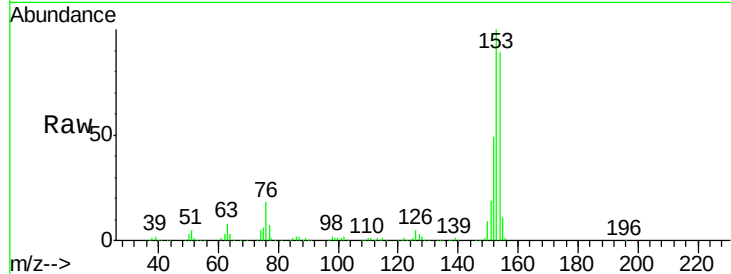
ClientSampleId :

PB108418BS

Tot Ion:	154	Resp:	508231
Ion Ratio	Lower	Upper	
154	100		
153	111.7	90.4	135.6
152	54.8	41.6	62.4

Manual Integrations
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Sohil
4/23/2018 2:29:50 PM



#52

3-Nitroaniline

Concen: 19.058 ng

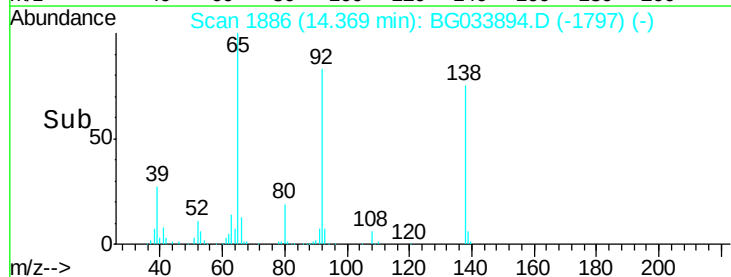
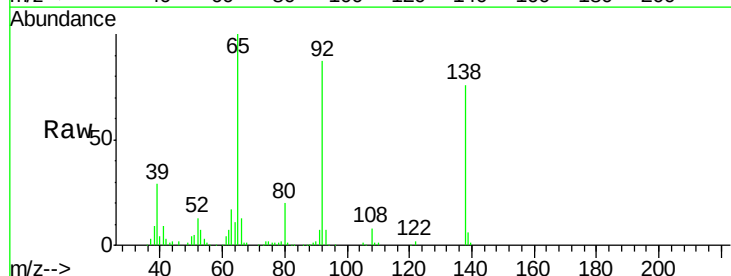
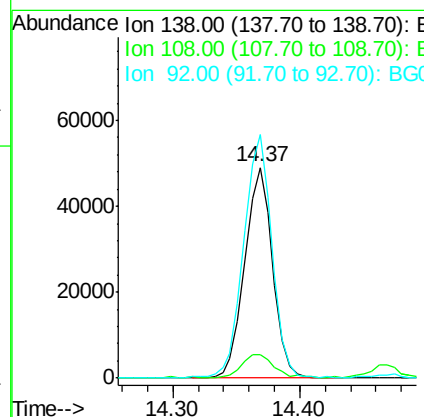
RT: 14.37 min Scan# 1886

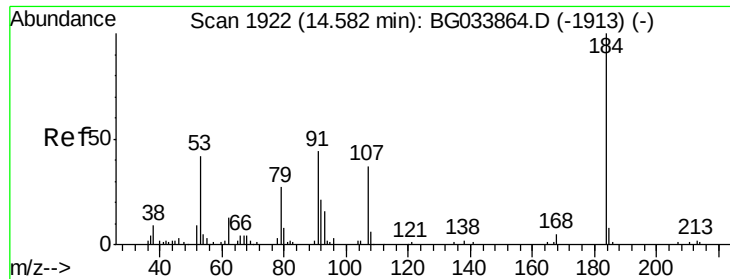
Delta R.T. -0.01 min

Lab File: BG033894.D

Acq: 20 Apr 2018 20:08

Tgt Ion:	138	Resp:	74805
Ion Ratio	Lower	Upper	
138	100		
108	10.9	17.5	26.3#
92	115.5	105.8	158.8





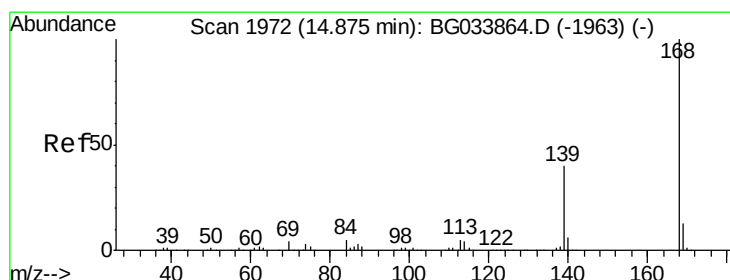
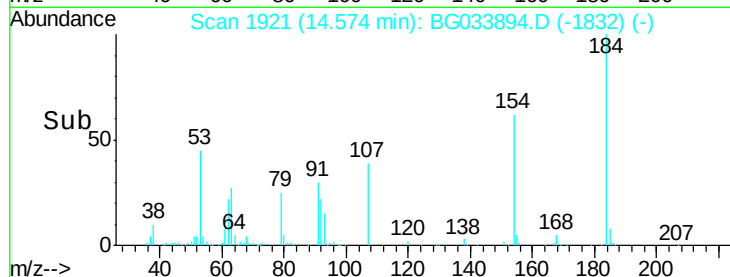
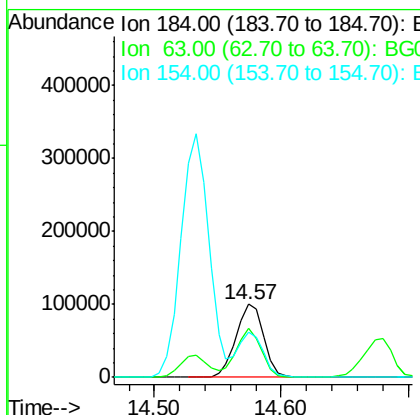
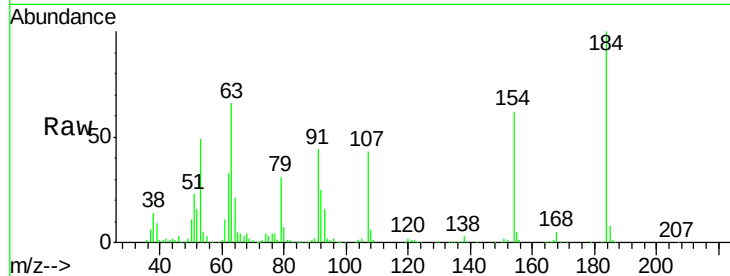
#53
 2,4-Dinitrophenol
 Concen: 117.433 ng
 RT: 14.57 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PB108418BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	66.4	59.8	89.8	
154	62.2	101.8	152.8	

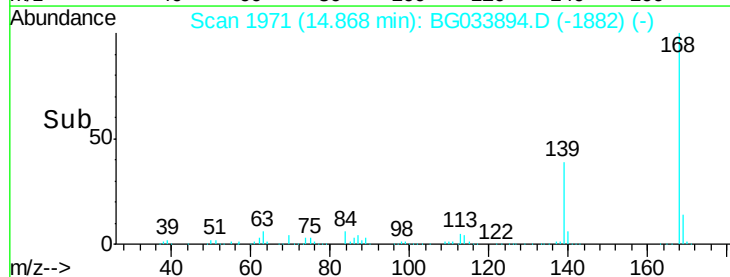
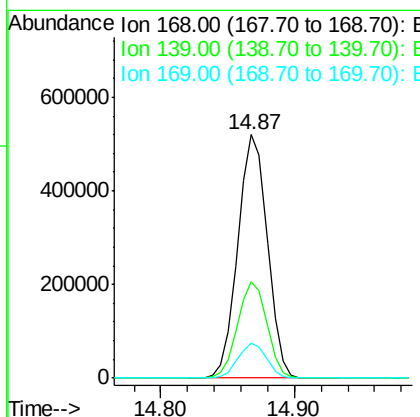
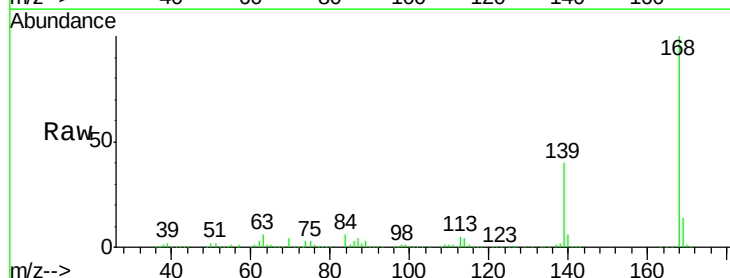
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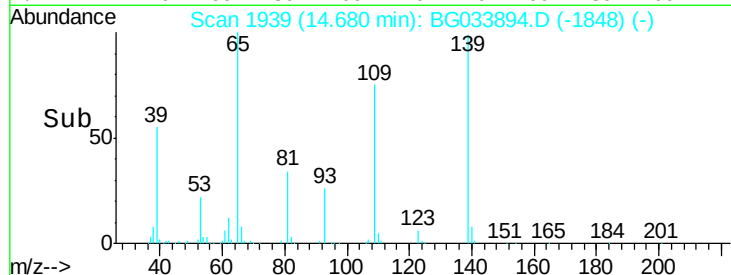
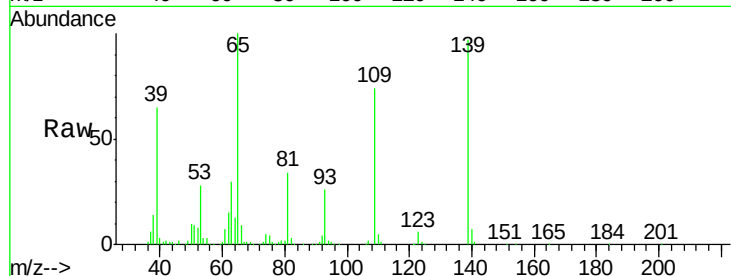
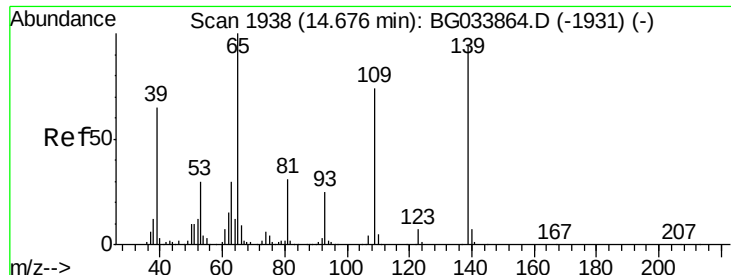
Sohil
 4/23/2018 2:29:50 PM



#54
 Dibenzofuran
 Concen: 38.572 ng
 RT: 14.87 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.6	28.6	43.0	
169	14.1	11.2	16.8	





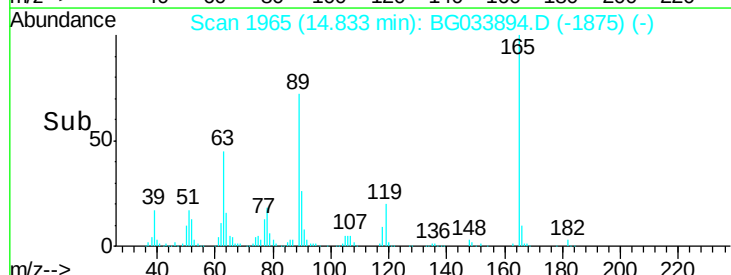
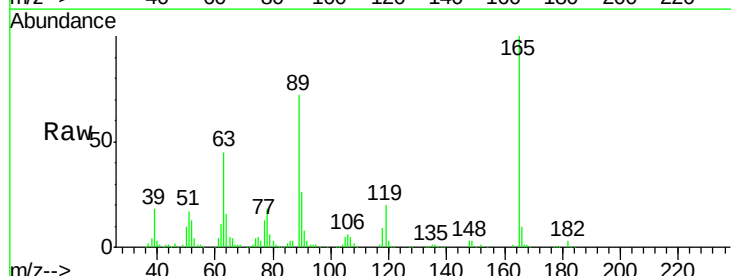
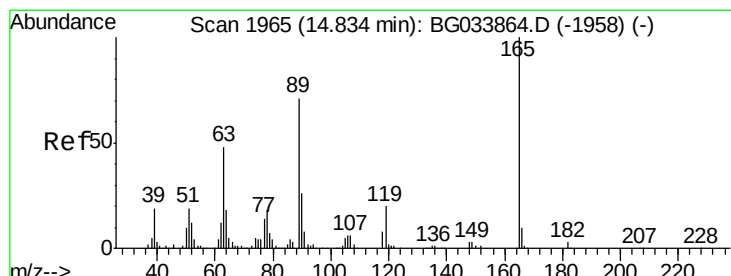
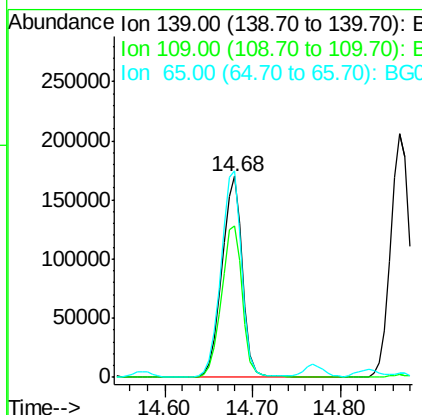
#55
4-Nitrophenol
Concen: 89.454 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Instrument :
BNA_G
ClientSampled :
PB108418BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	275379		
109	75.6	62.2	102.2	
65	102.7	97.2	137.2	

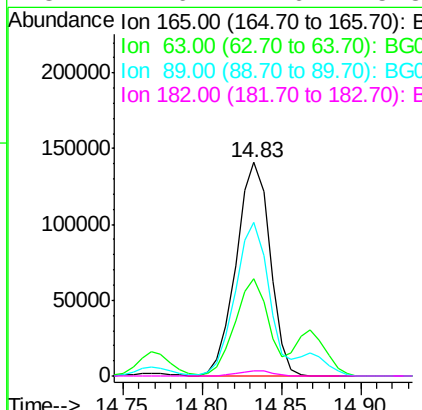
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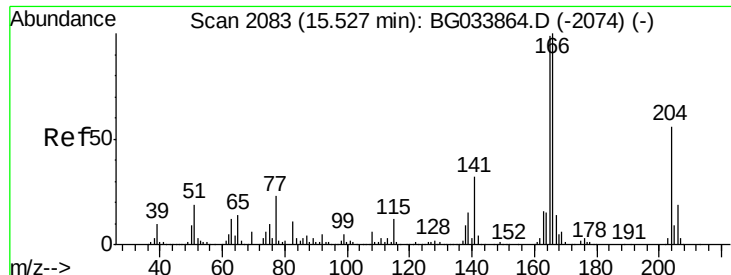
Sohil
4/23/2018 2:29:50 PM



#56
2,4-Dinitrotoluene
Concen: 43.513 ng
RT: 14.83 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	209162		
63	45.3	42.0	63.0	
89	71.7	66.9	100.3	
182	2.6	2.6	3.8	





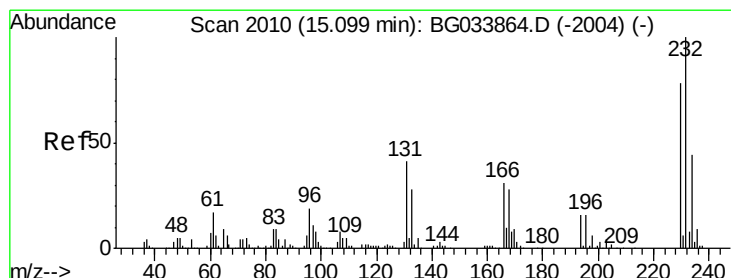
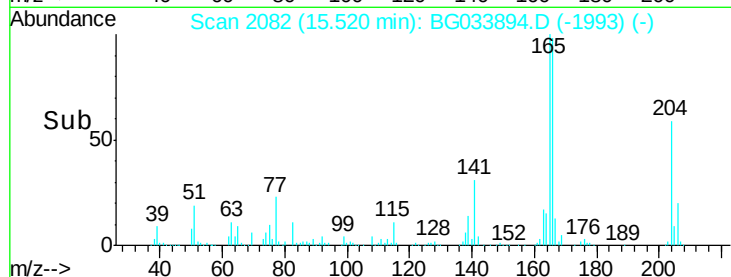
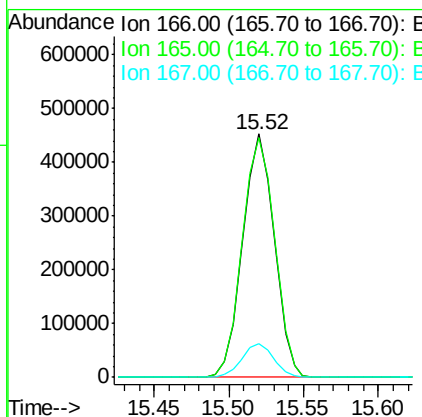
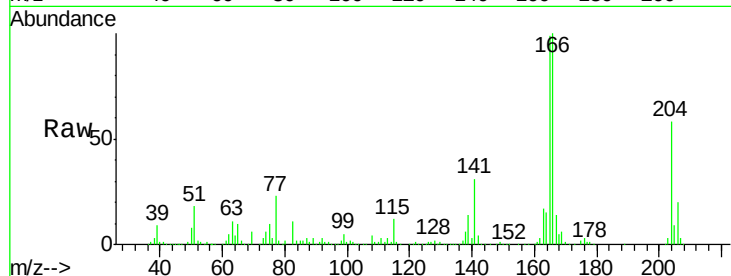
#57
 Fluorene
 Concen: 37.352 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.01 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PB108418BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	665995		
165	98.6	80.6	121.0	
167	14.1	10.4	15.6	

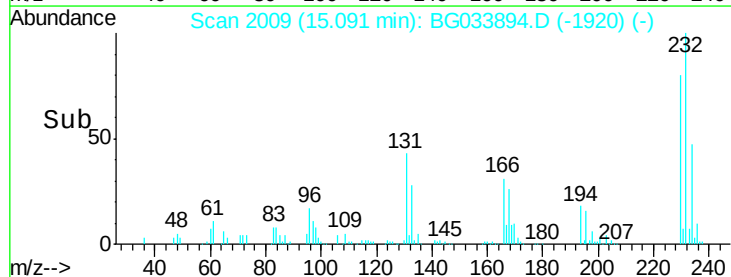
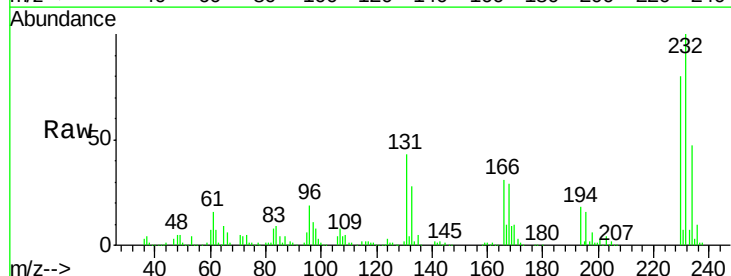
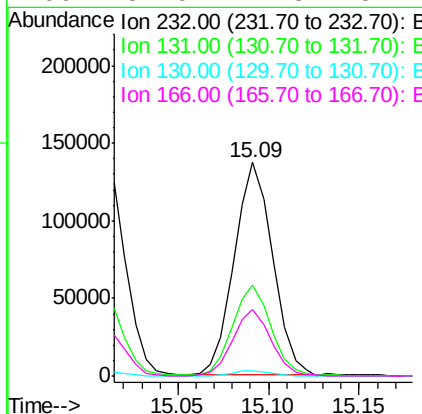
Manual Integrations
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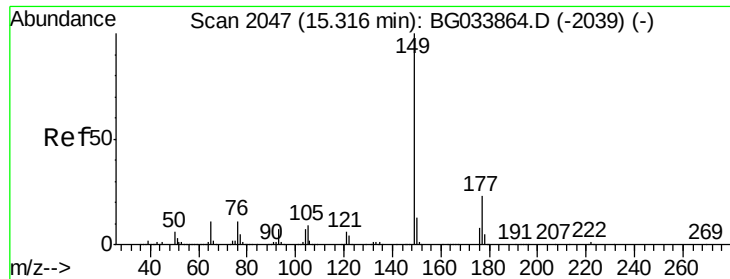
Sohil
 4/23/2018 2:29:50 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.726 ng
 RT: 15.09 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	202067		
131	43.3	33.5	50.3	
130	2.6	2.2	3.2	
166	31.0	24.8	37.2	





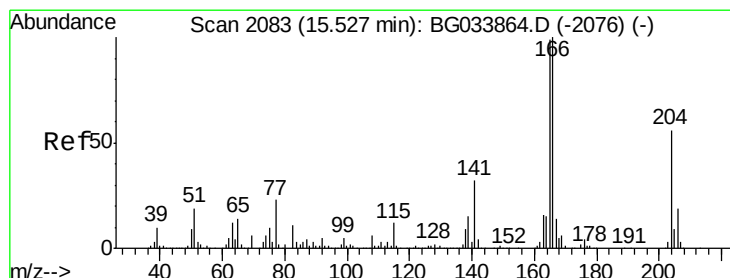
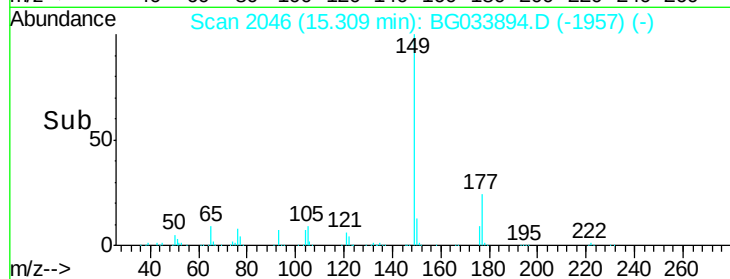
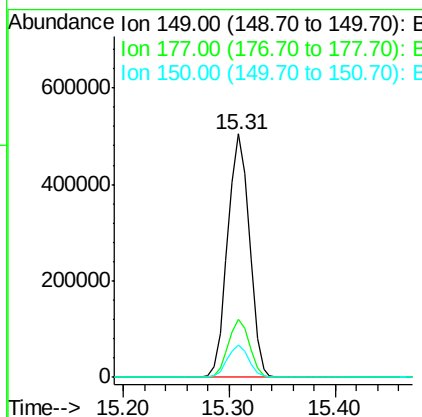
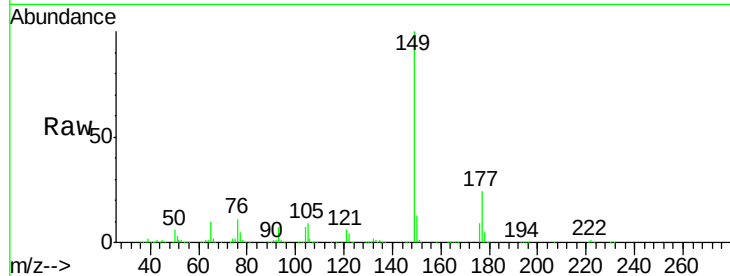
#59
Diethylphthalate
Concen: 35.734 ng
RT: 15.31 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Instrument :
BNA_G
ClientSampleId :
PB108418BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.5	27.7
150	13.3	10.2	15.2

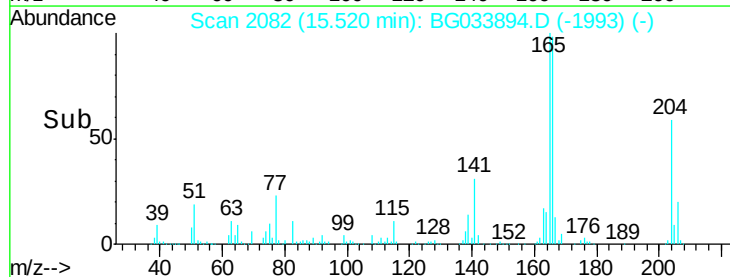
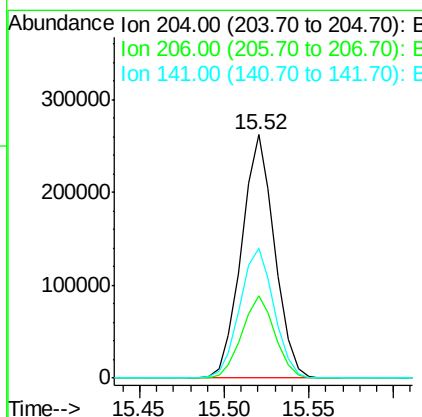
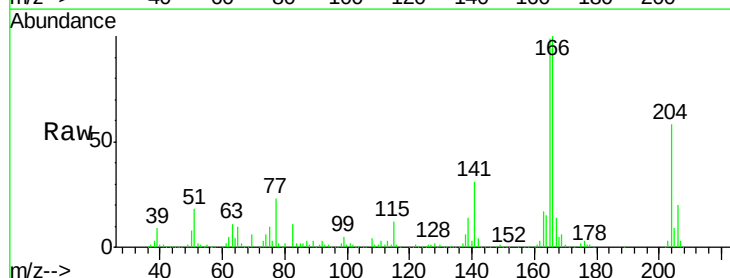
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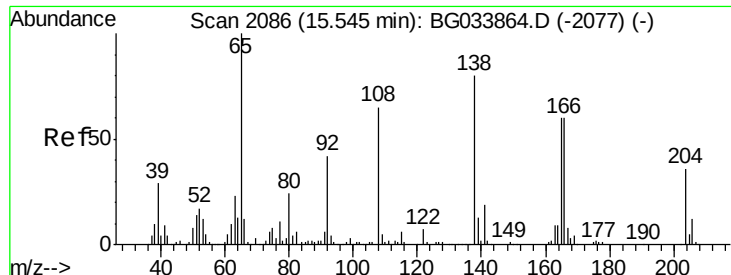
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 38.141 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.2	39.2
141	53.5	45.8	68.6





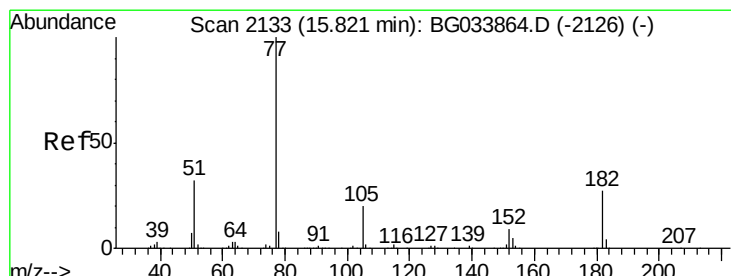
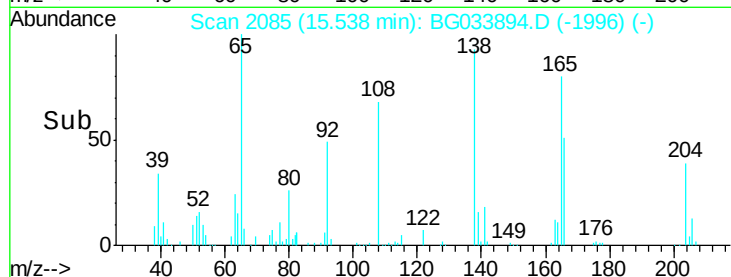
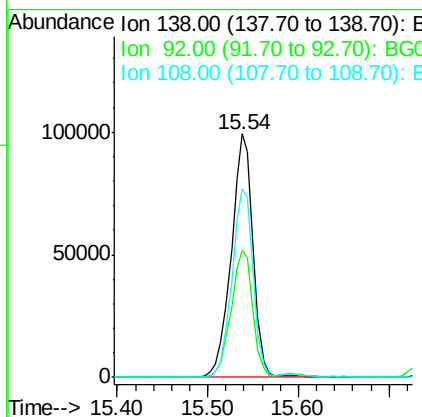
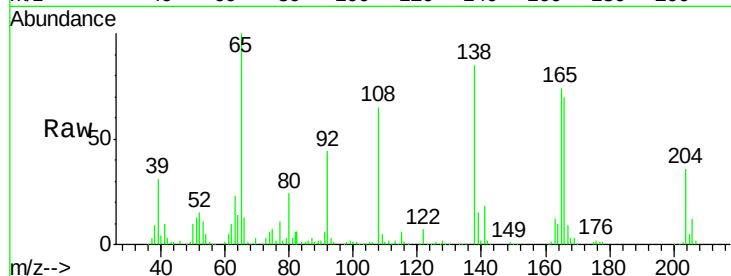
#61
4-Nitroaniline
Concen: 39.799 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Instrument :
BNA_G
ClientSampleId :
PB108418BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.5	40.1	80.1
108	77.5	65.4	105.4

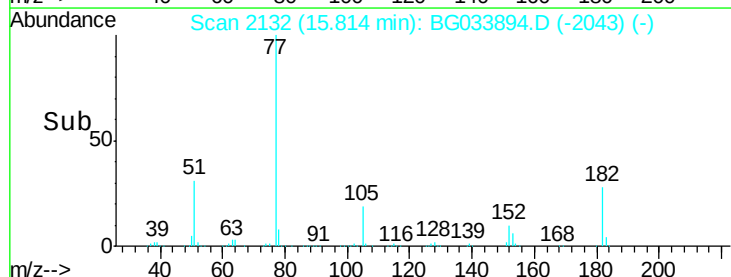
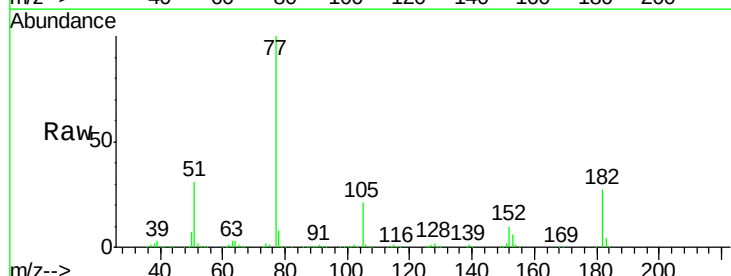
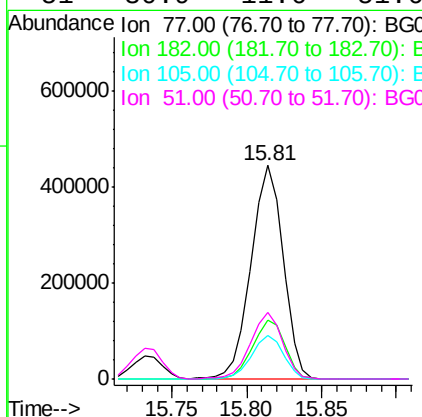
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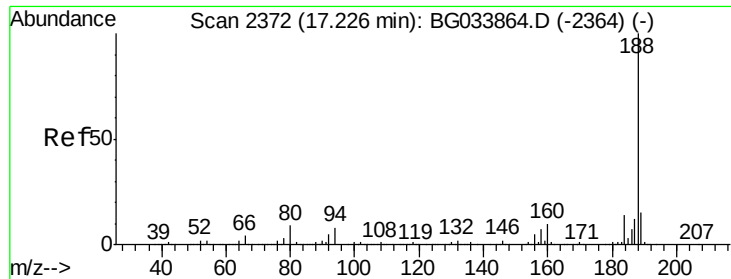
Sohil
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#62
Azobenzene
Concen: 36.854 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.4	7.4	47.4
105	20.7	0.3	40.3
51	30.9	11.6	51.6





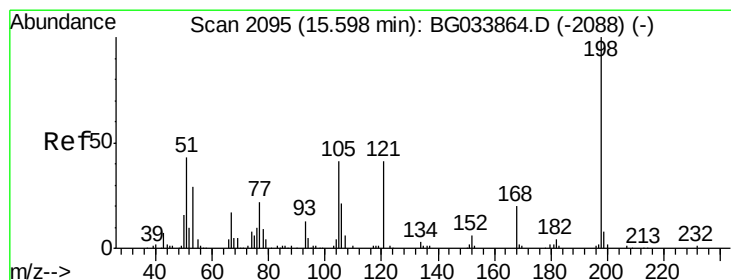
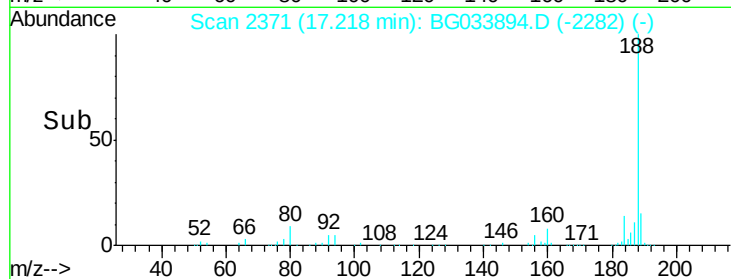
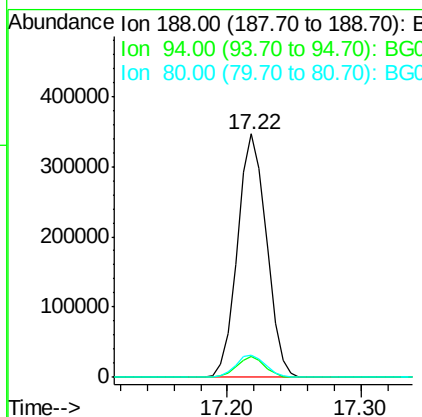
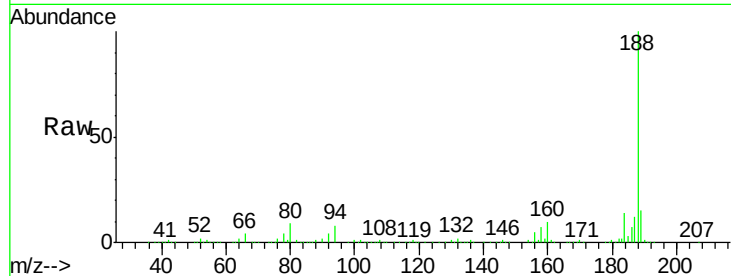
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Instrument :
BNA_G
ClientSampleId :
PB108418BS

Tot Ion:	188	Resp:	518496
Ion Ratio	Lower	Upper	
188	100		
94	8.5	6.9	10.3
80	9.1	7.7	11.5

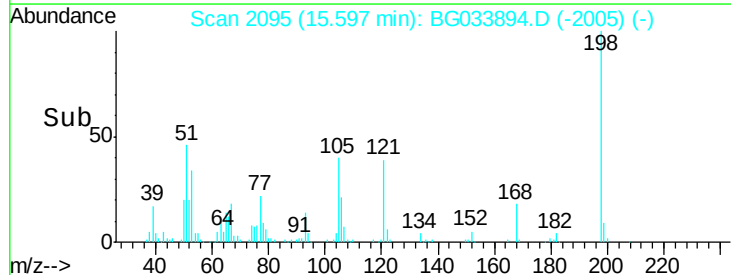
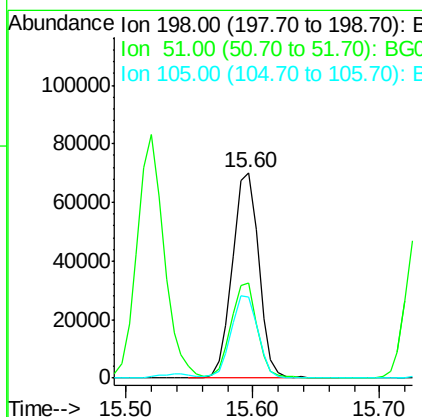
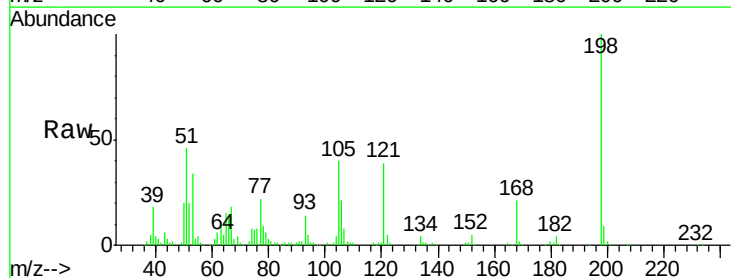
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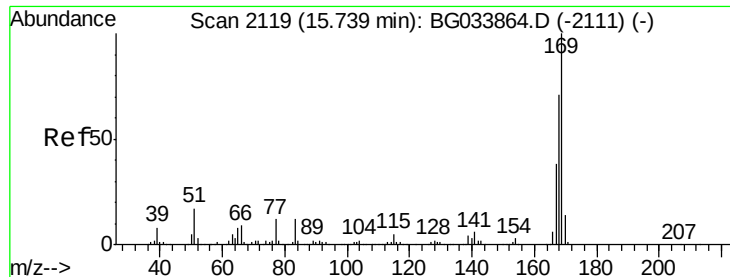
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.376 ng
RT: 15.60 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Tgt Ion:	198	Resp:	100720
Ion Ratio	Lower	Upper	
198	100		
51	46.1	30.6	70.6
105	39.7	23.8	63.8





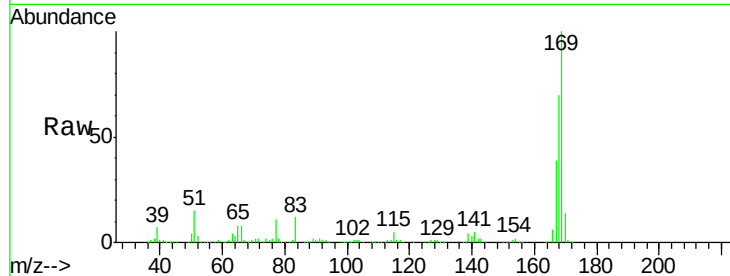
#65
n-Nitrosodiphenylamine
Concen: 39.403 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Instrument :
BNA_G
ClientSampled :
PB108418BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	593966		
168	70.1		55.7	83.5
167	39.2		30.1	45.1

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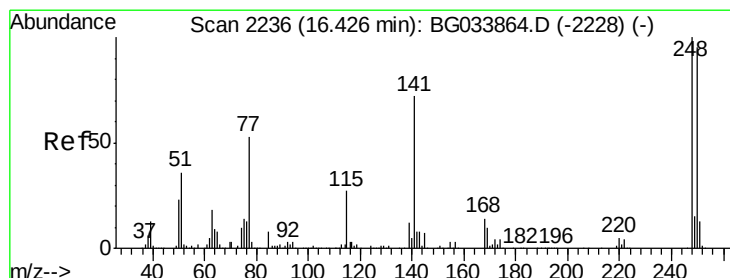
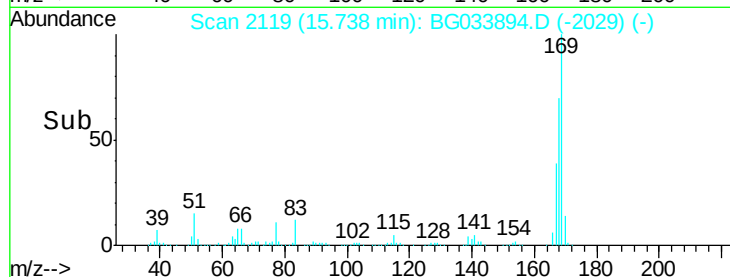
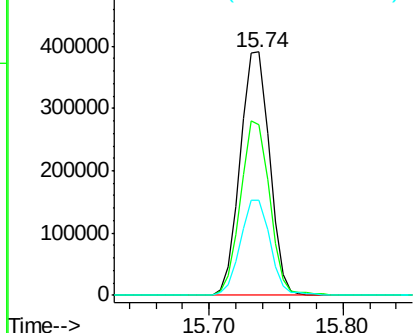


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 40.263 ng
RT: 16.42 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

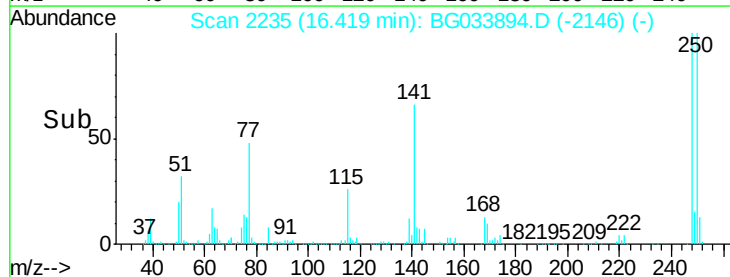
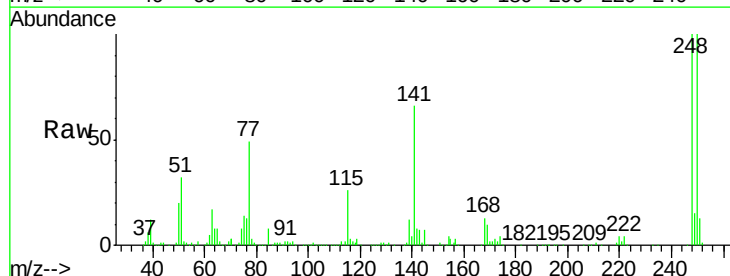
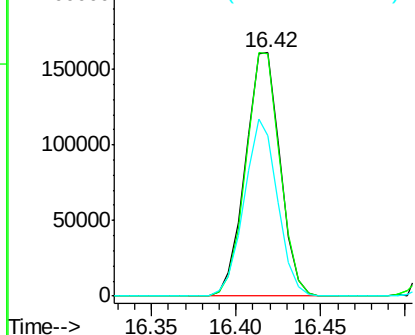
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	229264		
250	99.8		77.1	115.7
141	66.2		50.8	76.2

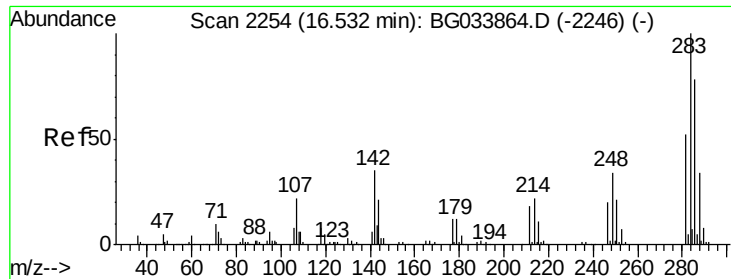
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.520 ng

RT: 16.52 min Scan# 2253

Delta R.T. -0.01 min

Lab File: BG033894.D

Acq: 20 Apr 2018 20:08

Instrument :

BNA_G

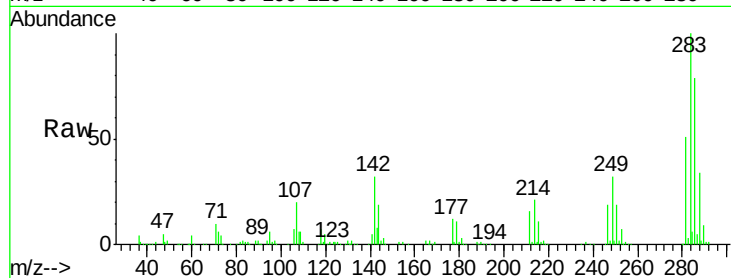
ClientSampleId :

PB108418BS

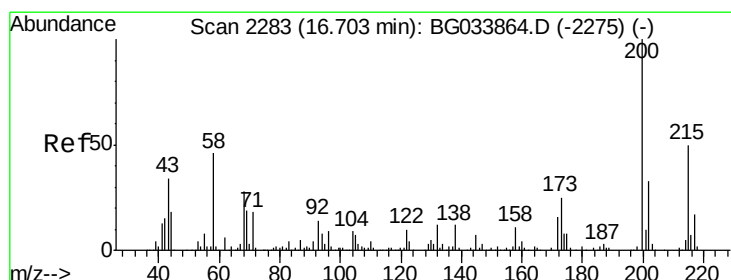
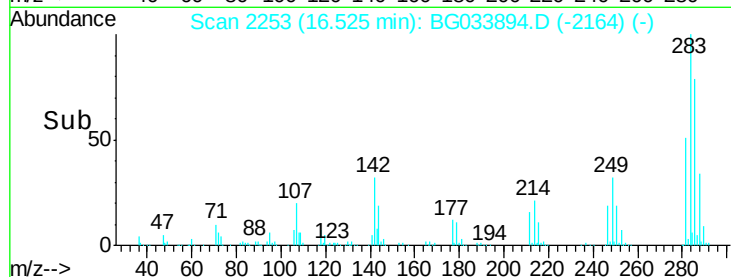
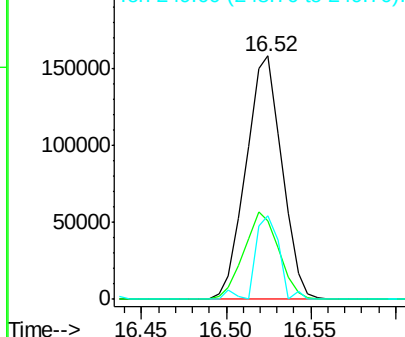
Tot Ion:	284	Resp:	233916
Ion Ratio	Lower	Upper	
284	100		
142	32.2	26.8	40.2
249	34.5	26.3	39.5

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.493 ng

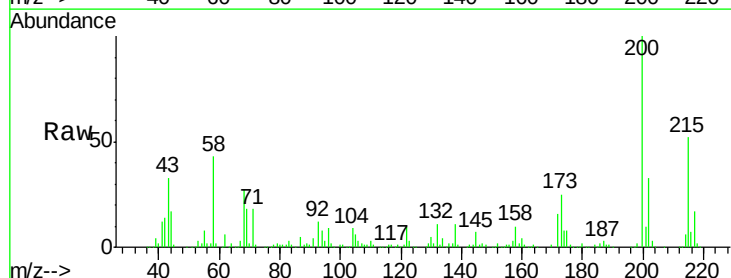
RT: 16.70 min Scan# 2282

Delta R.T. -0.01 min

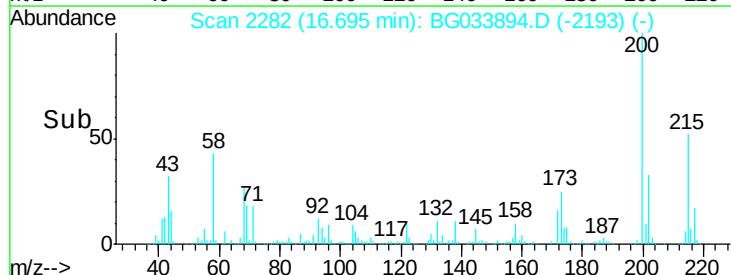
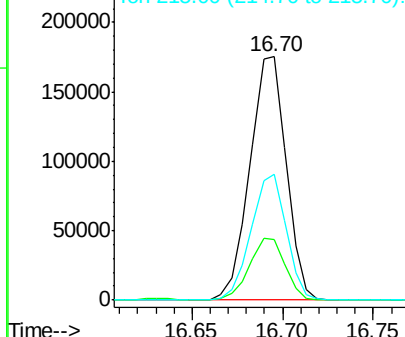
Lab File: BG033894.D

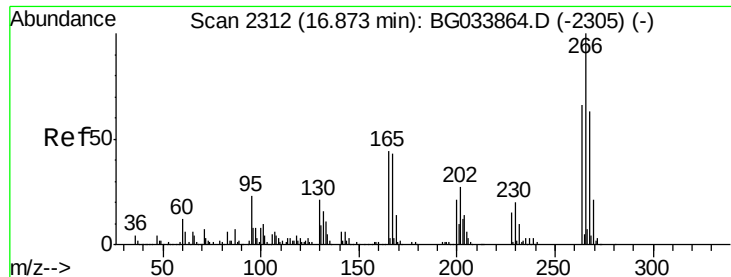
Acq: 20 Apr 2018 20:08

Tgt Ion:	200	Resp:	245037
Ion Ratio	Lower	Upper	
200	100		
173	24.9	5.2	45.2
215	51.6	30.4	70.4



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





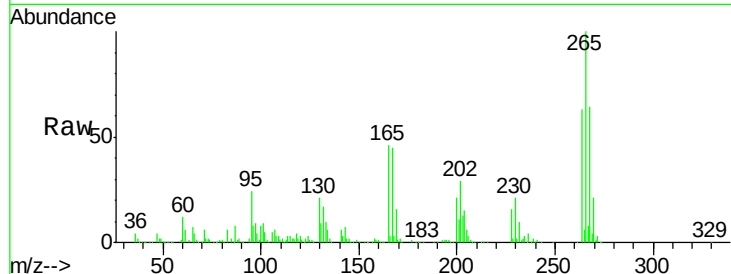
#69
 Pentachlorophenol
 Concen: 75.048 ng
 RT: 16.87 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PB108418BS

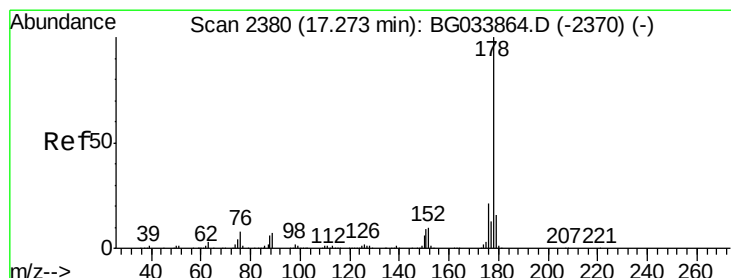
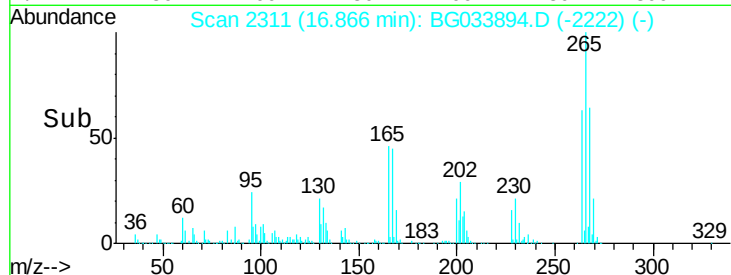
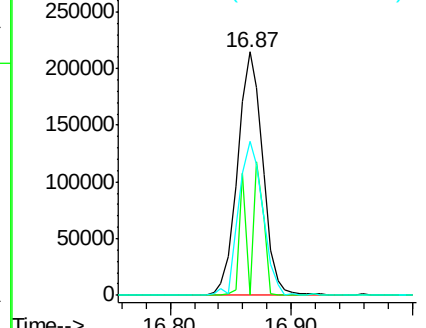
Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	4.3	51.1	76.7#	
264	69.2	49.6	74.4	

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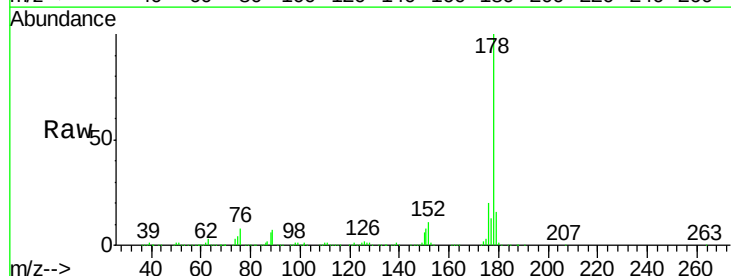


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

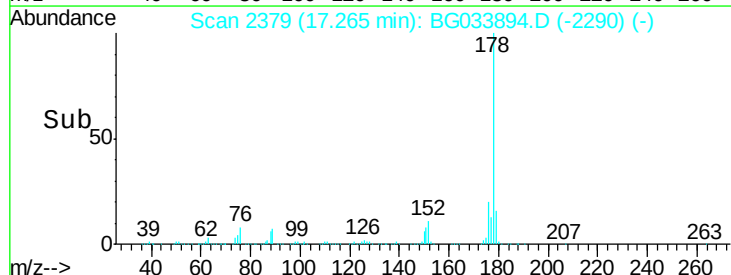
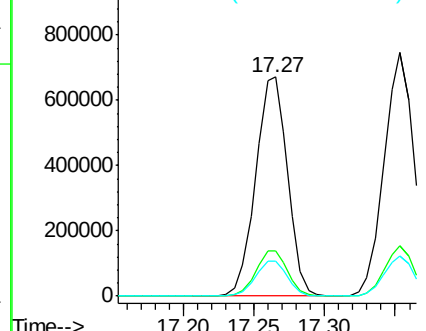


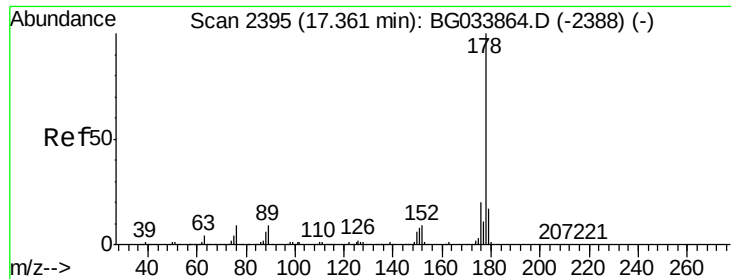
#70
 Phenanthrene
 Concen: 38.227 ng
 RT: 17.27 min Scan# 2379
 Delta R.T. -0.01 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.4	15.7	23.5	
179	16.1	12.5	18.7	



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





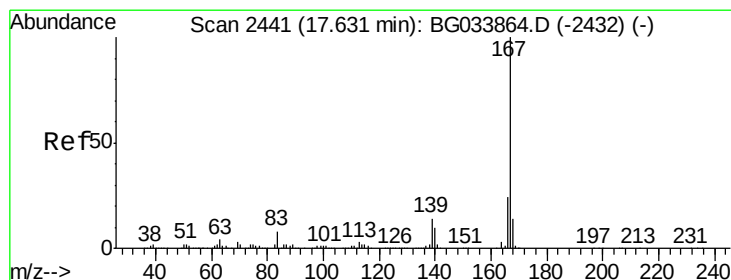
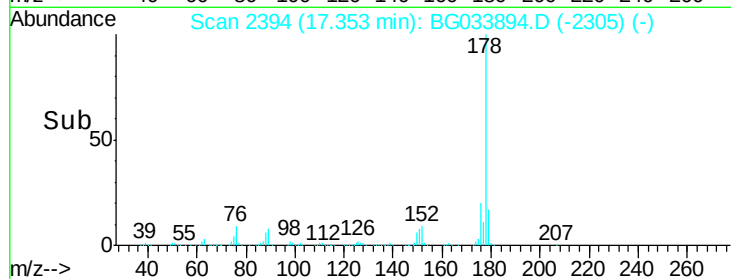
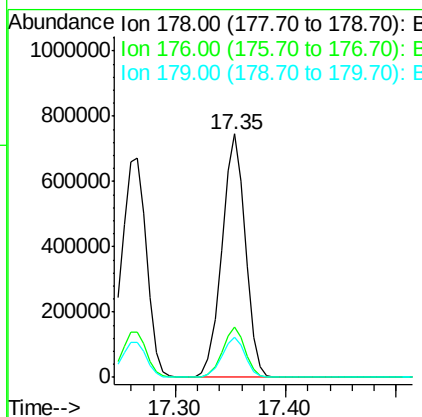
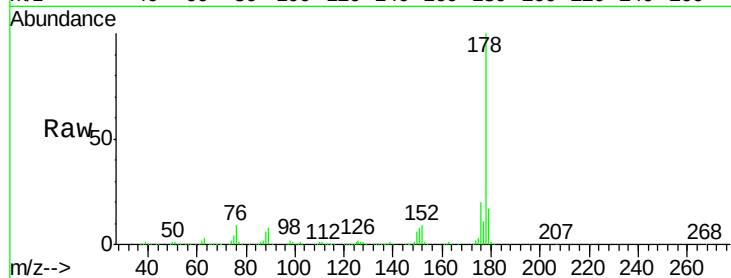
#71
 Anthracene
 Concen: 39.551 ng
 RT: 17.35 min Scan# 2394
 Delta R.T. -0.01 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PB108418BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.0	24.0
179	16.7	12.5	18.7

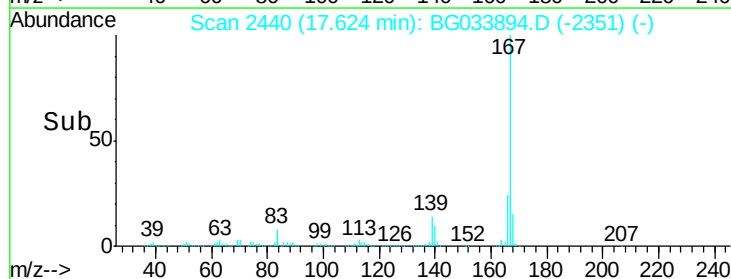
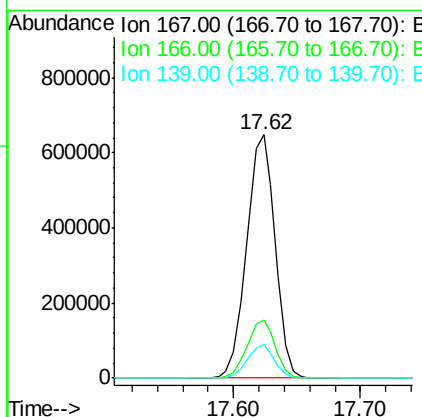
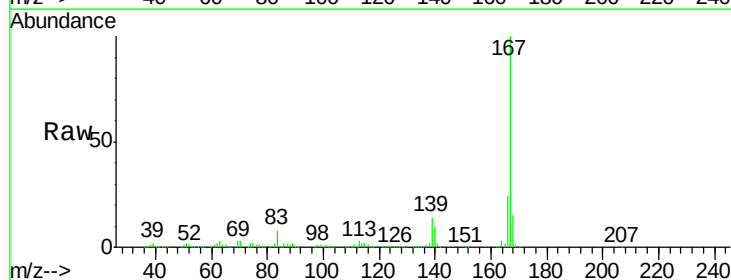
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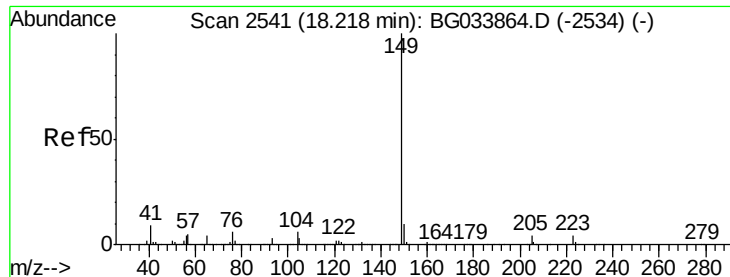
Sohil
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#72
 Carbazole
 Concen: 37.580 ng
 RT: 17.62 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.2	27.4
139	13.8	9.4	14.2





#73

Di-n-butylphthalate

Concen: 36.074 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BG033894.D

Acq: 20 Apr 2018 20:08

Instrument :

BNA_G

ClientSampleId :

PB108418BS

Tot Ion:149 Resp: 1204327

Ion Ratio Lower Upper

149 100

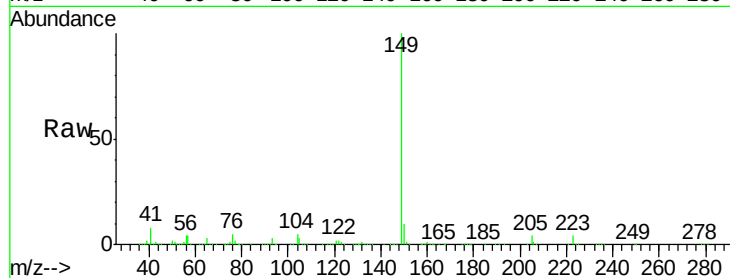
150 9.9 7.8 11.6

104 5.3 3.9 5.9

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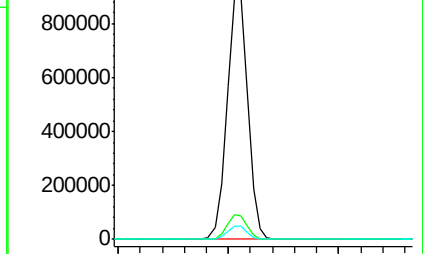
4/23/2018 2:29:50 PM



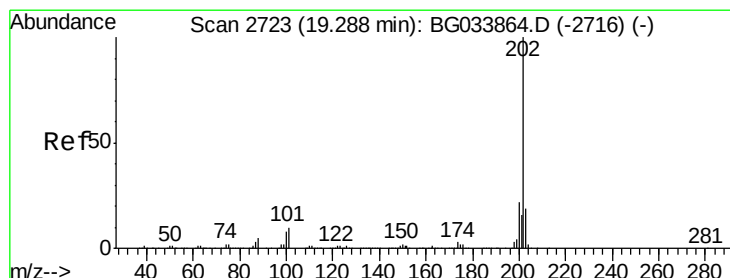
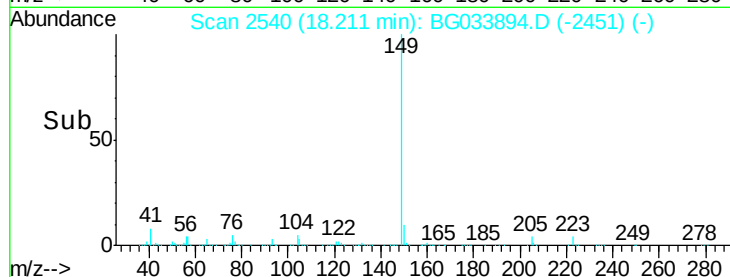
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 18.10 18.20 18.30



#74

Fluoranthene

Concen: 38.412 ng

RT: 19.28 min Scan# 2722

Delta R.T. -0.01 min

Lab File: BG033894.D

Acq: 20 Apr 2018 20:08

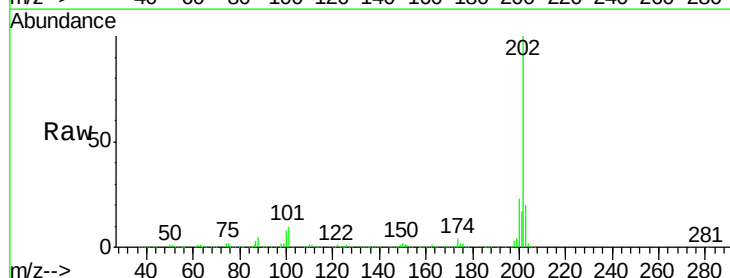
Tgt Ion:202 Resp: 1292429

Ion Ratio Lower Upper

202 100

101 9.6 0.0 28.9

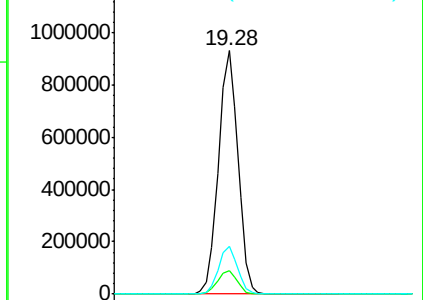
203 19.8 0.0 37.5



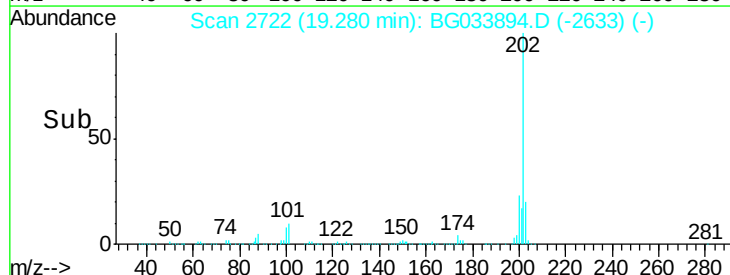
Abundance Ion 202.00 (201.70 to 202.70): E

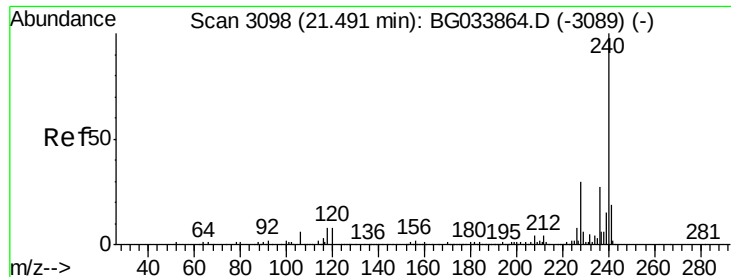
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.20 19.30 19.40





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.48 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BG033894.D

Acq: 20 Apr 2018 20:08

Instrument :

BNA_G

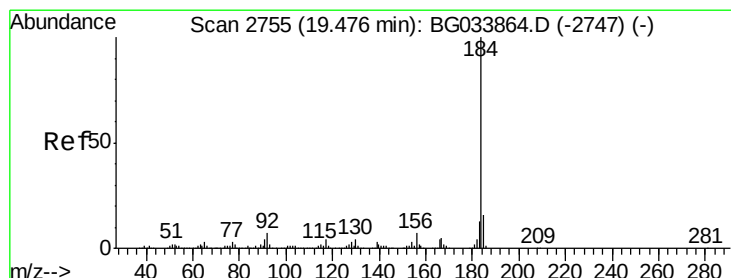
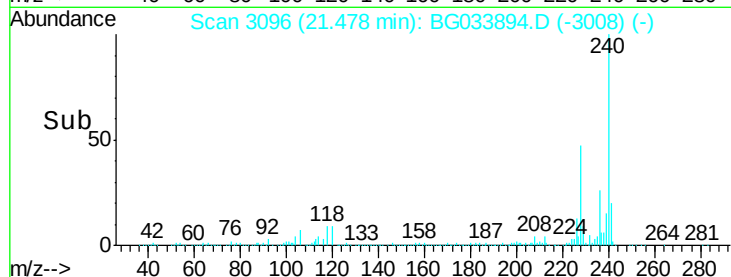
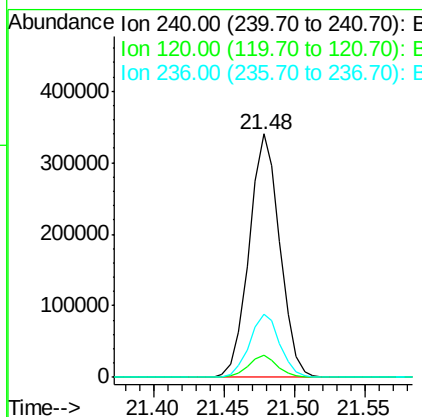
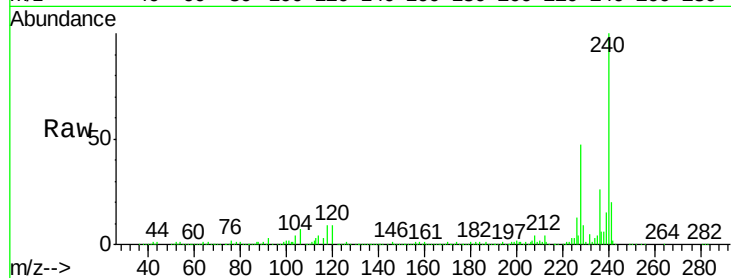
ClientSampleId :

PB108418BS

Tot Ion:	240	Resp:	518321
Ion Ratio	Lower	Upper	
240	100		
120	8.9	6.8	10.2
236	25.9	20.9	31.3

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#76

Benzidine

Concen: 33.055 ng

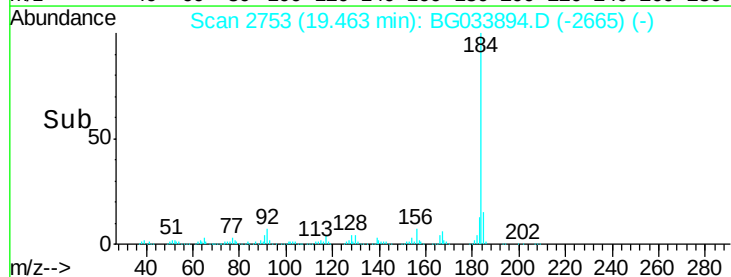
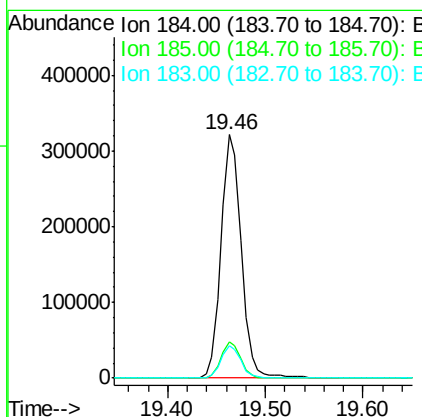
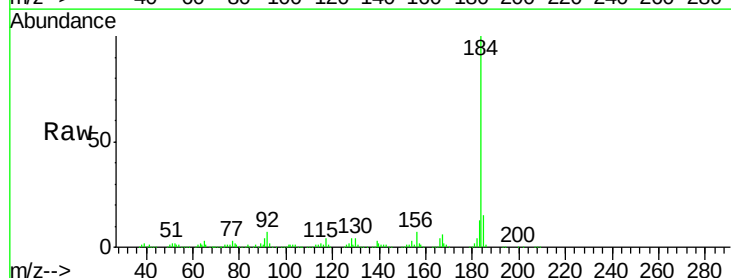
RT: 19.46 min Scan# 2753

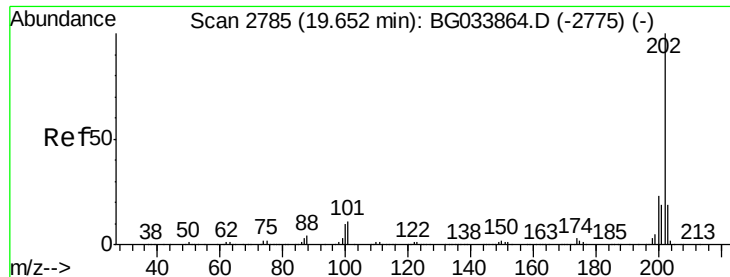
Delta R.T. -0.01 min

Lab File: BG033894.D

Acq: 20 Apr 2018 20:08

Tgt Ion:	184	Resp:	462661
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.1	16.7
183	13.4	10.6	16.0





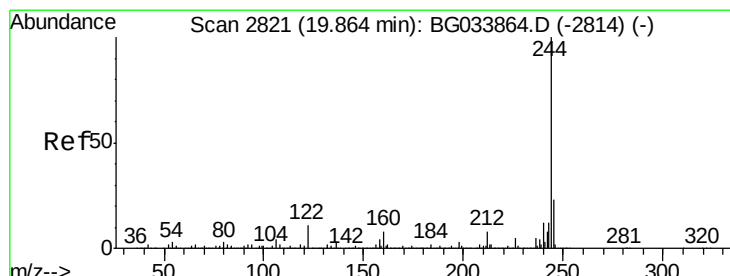
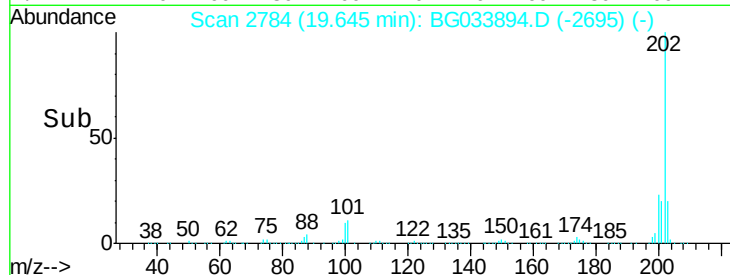
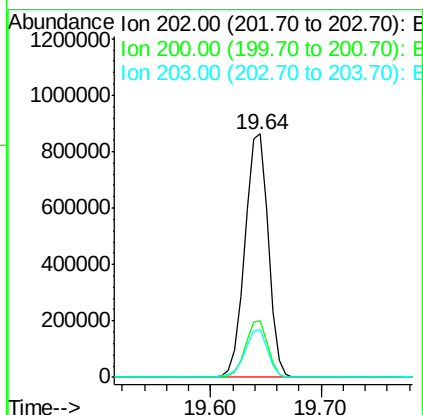
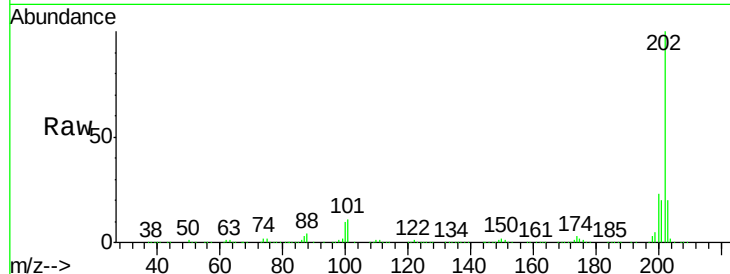
#77
Pvrene
Concen: 37.713 ng
RT: 19.64 min Scan# 2784
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Instrument :
BNA_G
ClientSampleId :
PB108418BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.3	16.9	25.3
203	19.5	13.9	20.9

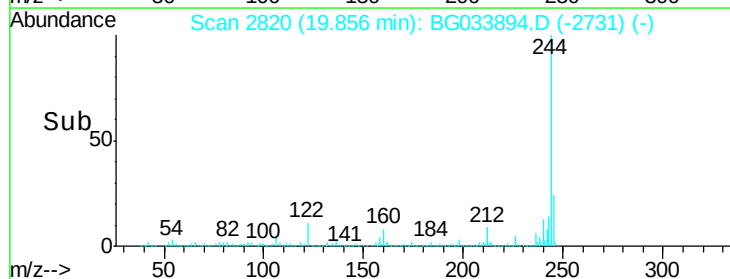
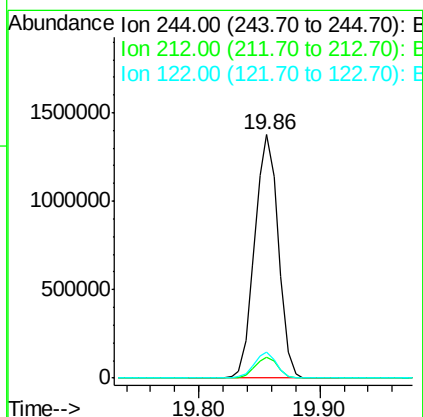
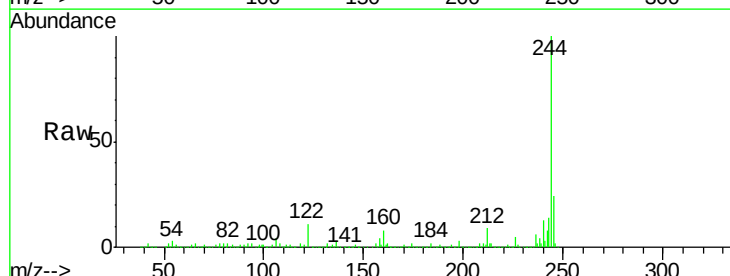
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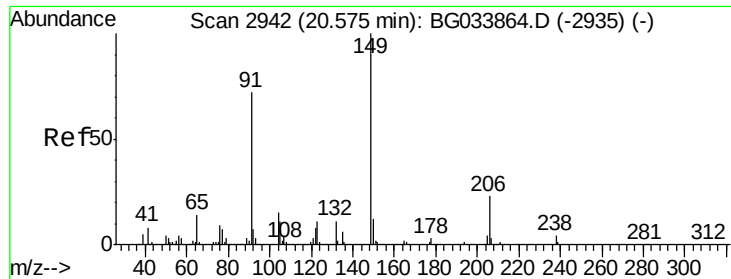
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#78
Terphenyl-d14
Concen: 81.348 ng
RT: 19.86 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	10.9	7.0	10.4





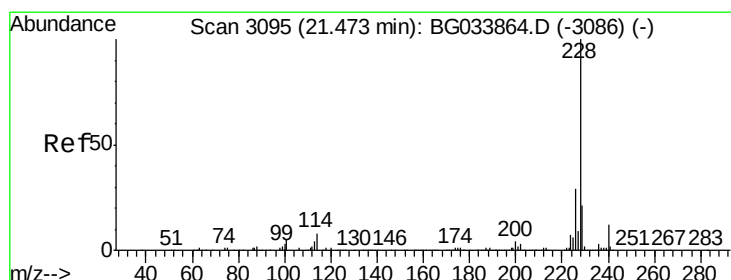
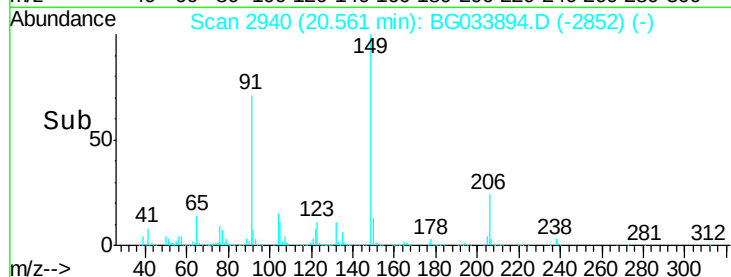
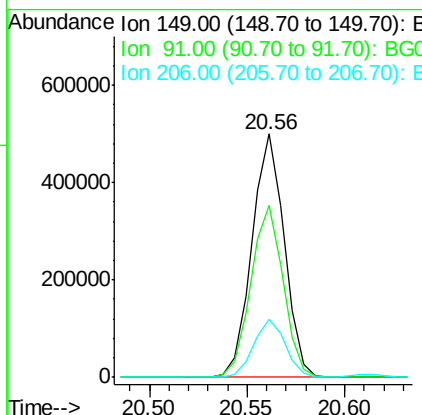
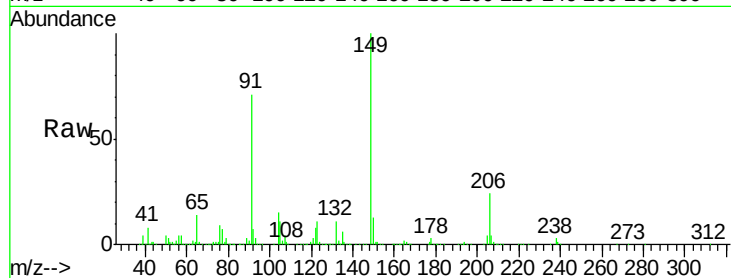
#79
Butylbenzylphthalate
Concen: 38.321 ng
RT: 20.56 min Scan# 2940
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Instrument :
BNA_G
ClientSampleId :
PB108418BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.8	62.2	93.2
206	23.7	18.6	27.8

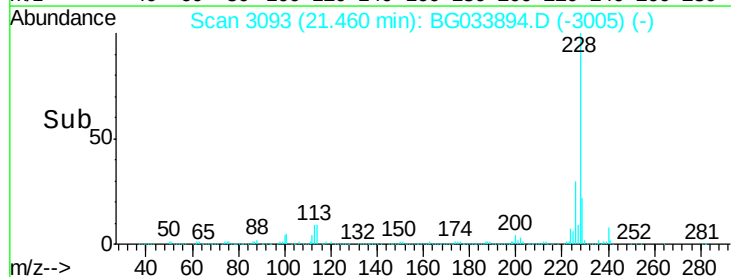
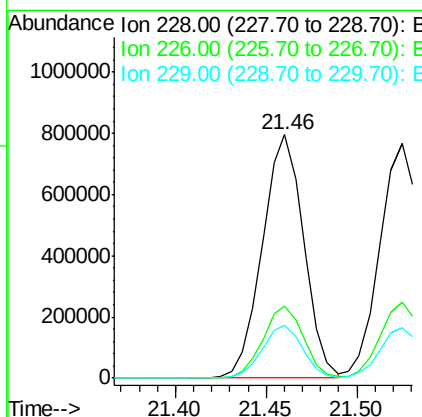
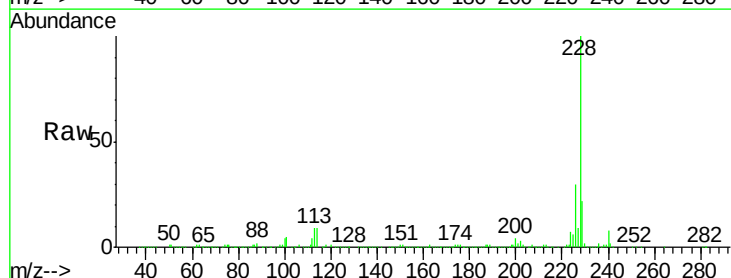
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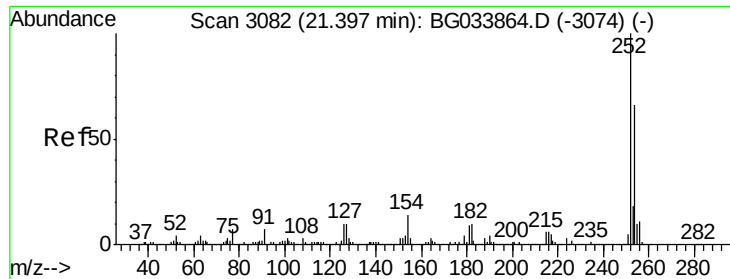
Sohil
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#80
Benzo(a)anthracene
Concen: 38.651 ng
RT: 21.46 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.7	34.1
229	21.5	16.2	24.2





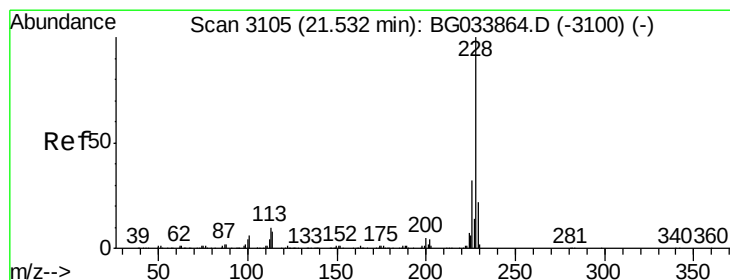
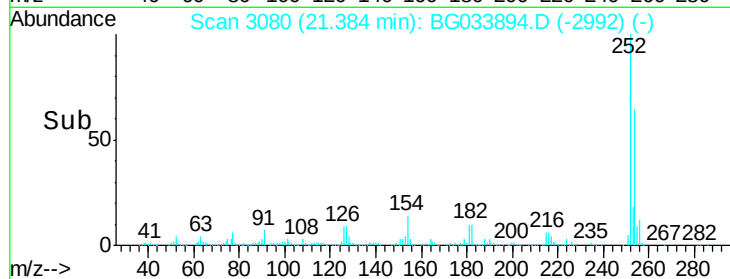
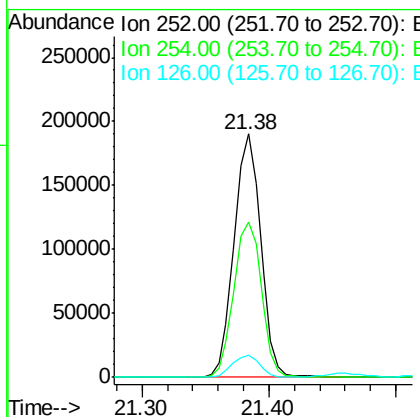
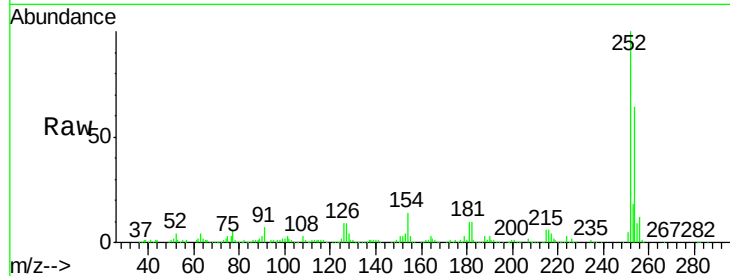
#81
 3,3'-Dichlorobenzidine
 Concen: 22.839 ng
 RT: 21.38 min Scan# 3080
 Delta R.T. -0.01 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PB108418BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	278338		
254	63.8	50.8	76.2	
126	9.4	7.4	11.2	

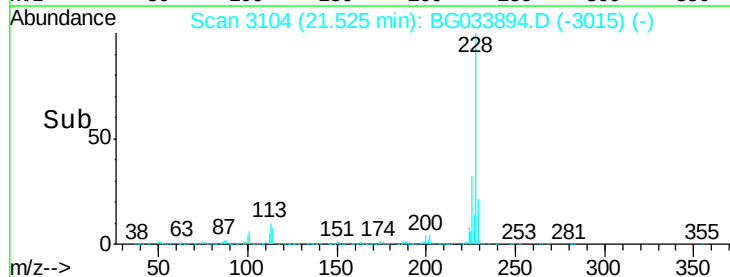
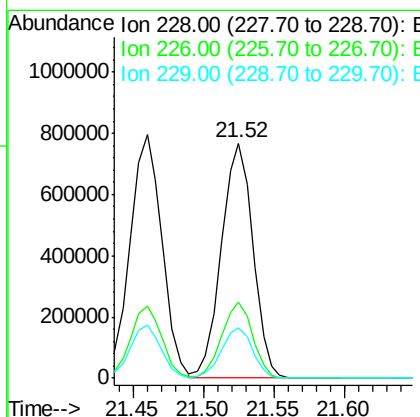
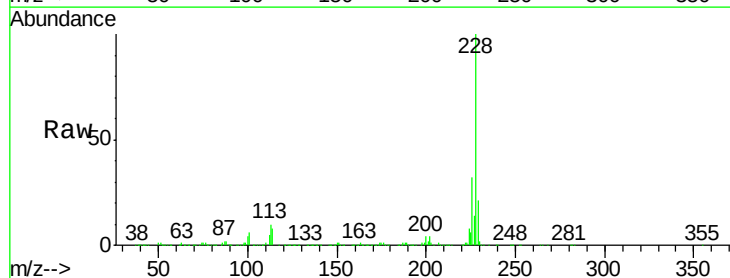
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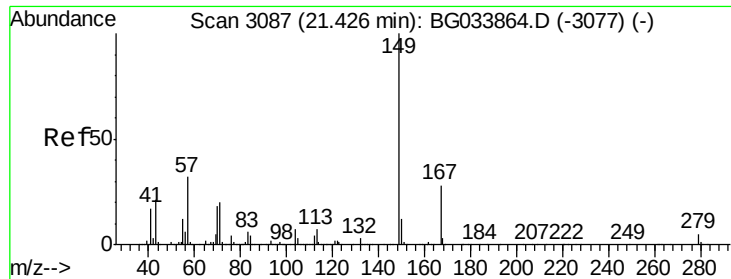
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#82
 Chrysene
 Concen: 38.281 ng
 RT: 21.52 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1194794		
226	32.3	24.9	37.3	
229	21.3	15.0	22.4	





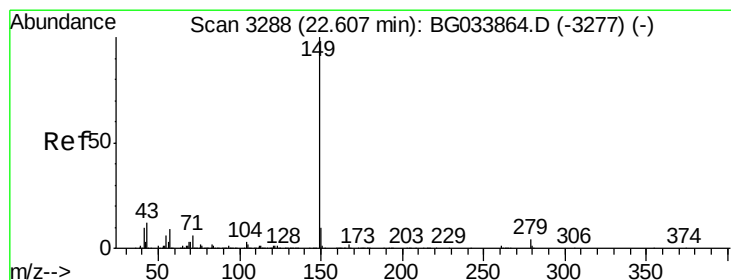
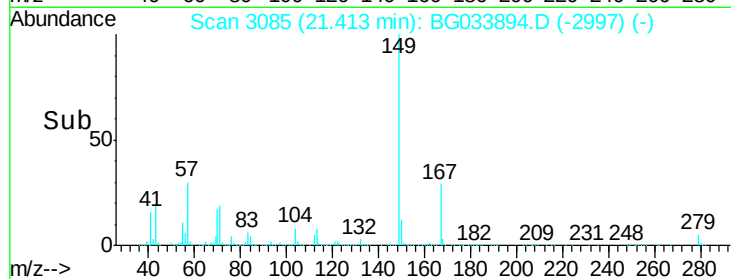
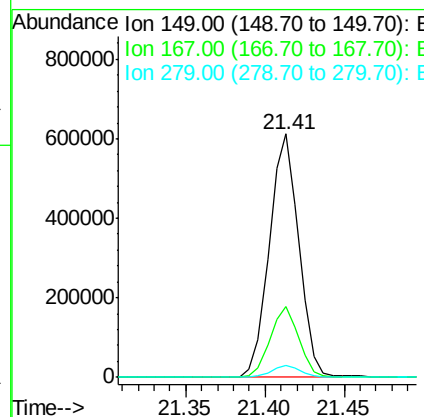
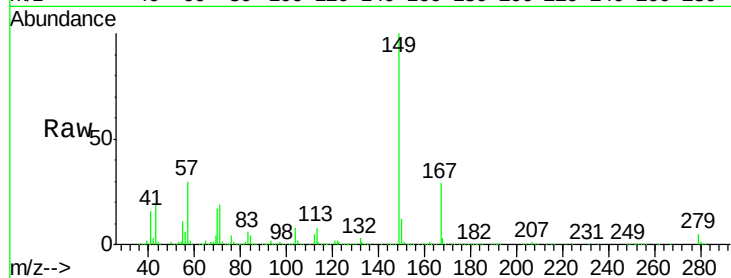
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.622 ng
 RT: 21.41 min Scan# 3085
 Delta R.T. -0.01 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PB108418BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.8	24.3	36.5
279	4.7	4.0	6.0

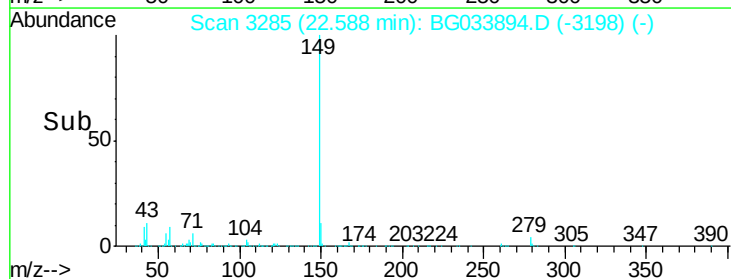
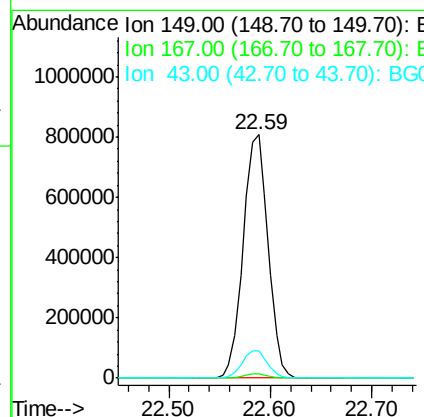
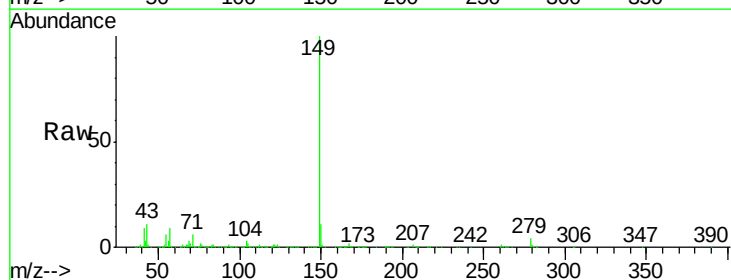
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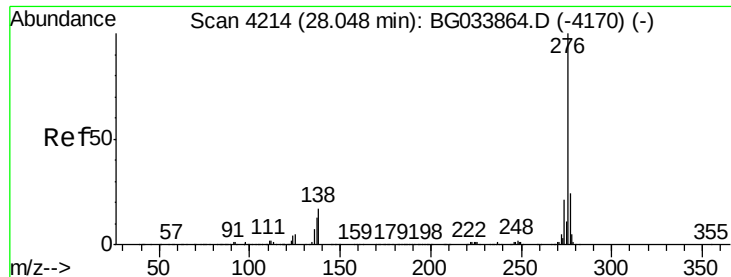
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 41.083 ng
 RT: 22.59 min Scan# 3285
 Delta R.T. -0.02 min
 Lab File: BG033894.D
 Acq: 20 Apr 2018 20:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	11.5	8.9	13.3





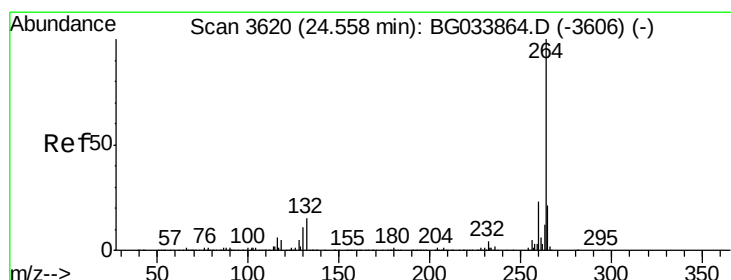
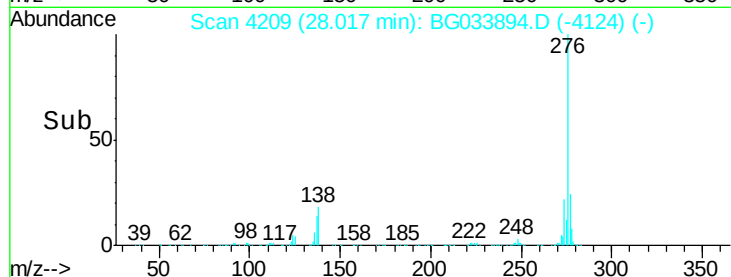
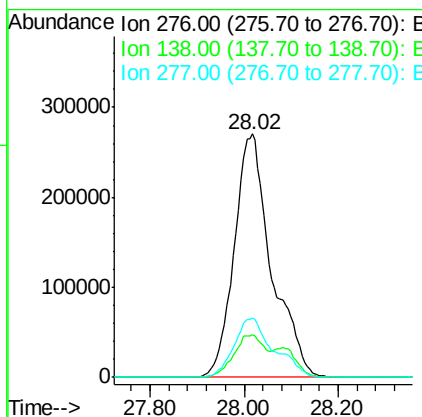
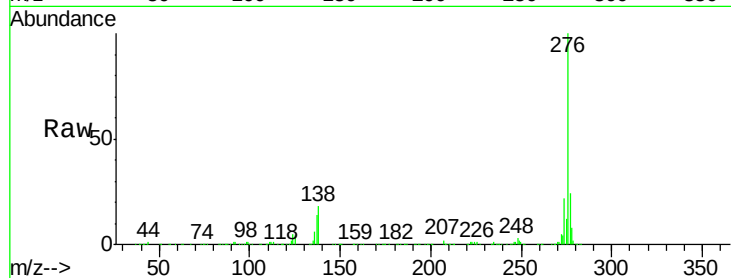
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.682 ng
RT: 28.02 min Scan# 4209
Delta R.T. -0.03 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Instrument :
BNA_G
ClientSampleId :
PB108418BS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	14.3	16.0	24.0	
277	26.0	20.0	30.0	

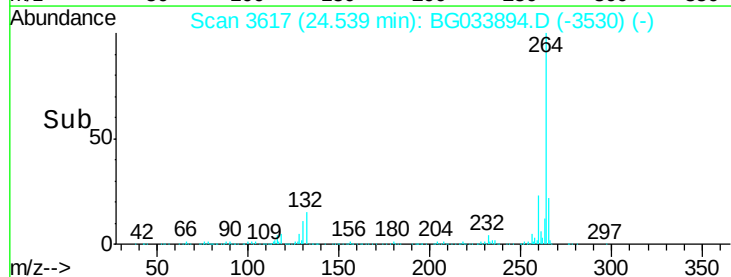
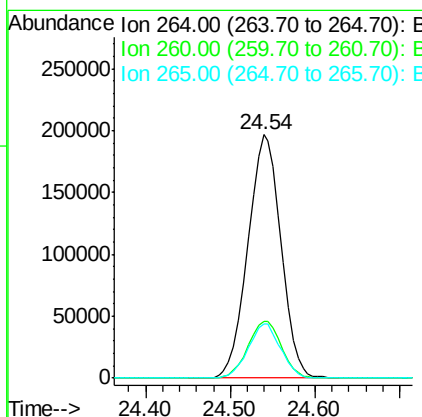
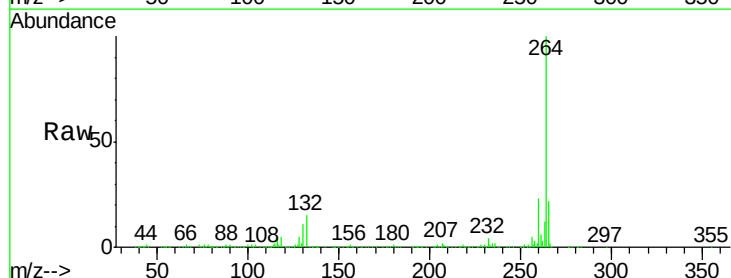
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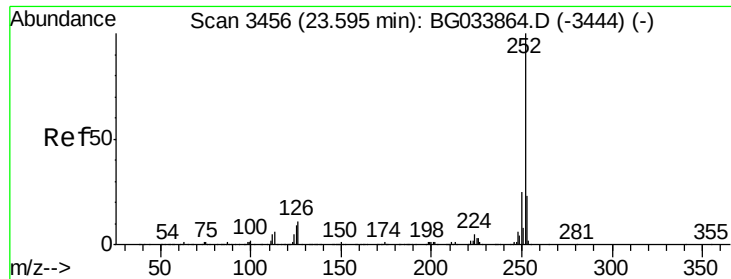
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.54 min Scan# 3617
Delta R.T. -0.02 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.5	17.4	26.0	
265	22.4	17.7	26.5	





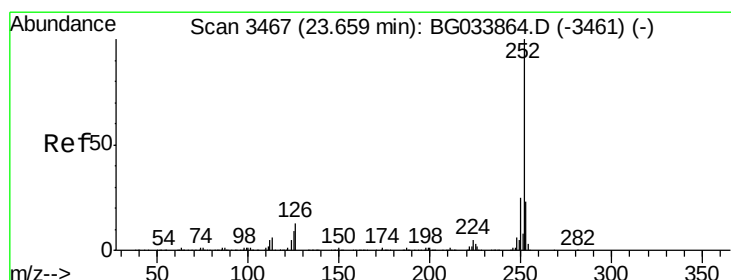
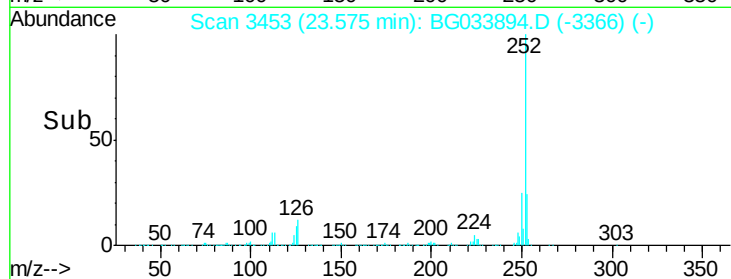
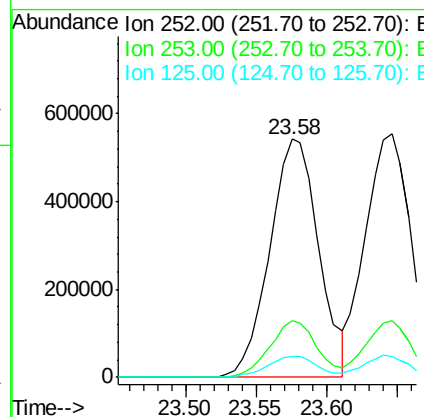
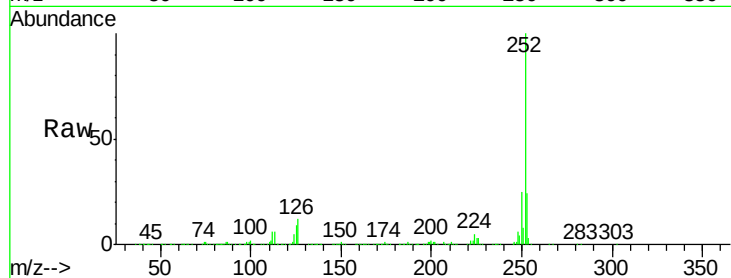
#87
Benzo(b)fluoranthene
Concen: 40.298 ng
RT: 23.58 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Instrument :
BNA_G
ClientSampleId :
PB108418BS

Tot Ion:252 Resp: 1314206
Ion Ratio Lower Upper
252 100
253 23.8 18.2 27.4
125 8.9 7.2 10.8

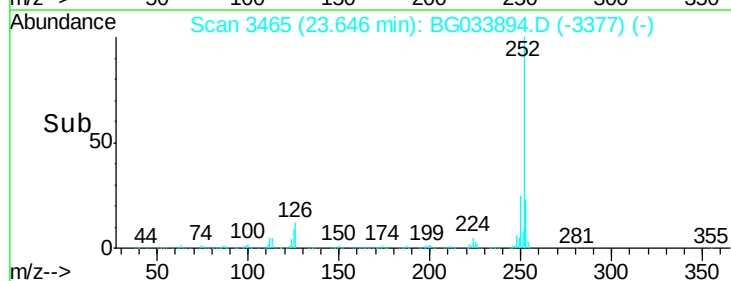
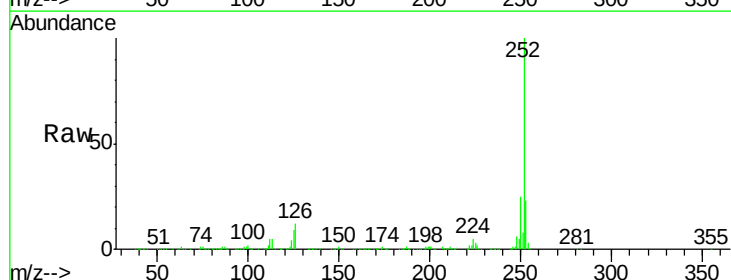
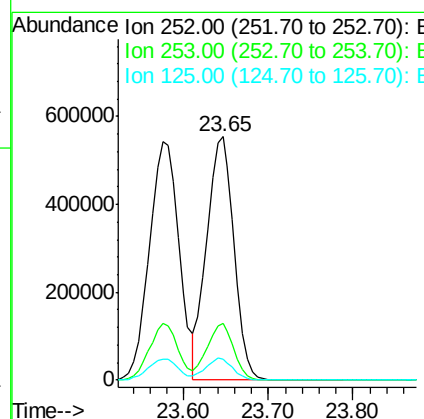
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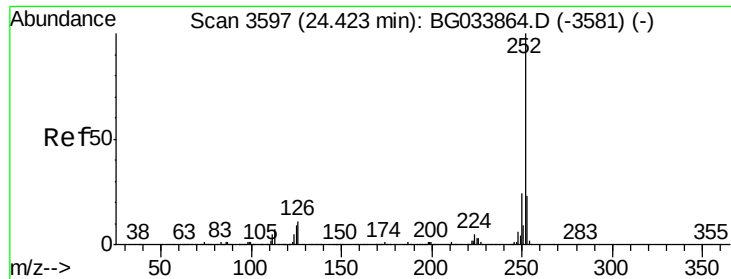
Sohil
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#88
Benzo(k)fluoranthene
Concen: 38.435 ng
RT: 23.65 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Tgt Ion:252 Resp: 1245117
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 8.6 6.6 9.8





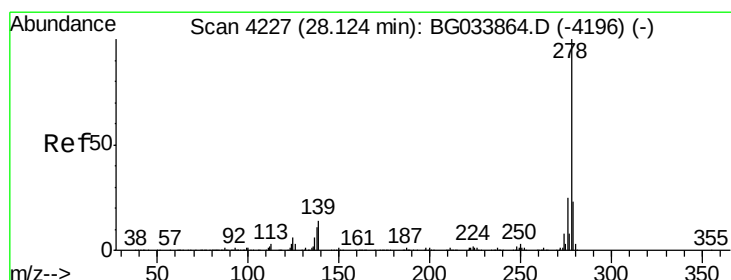
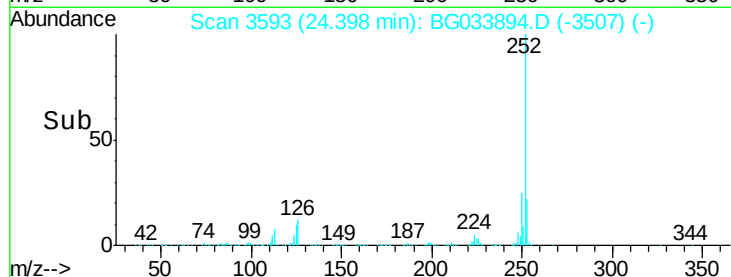
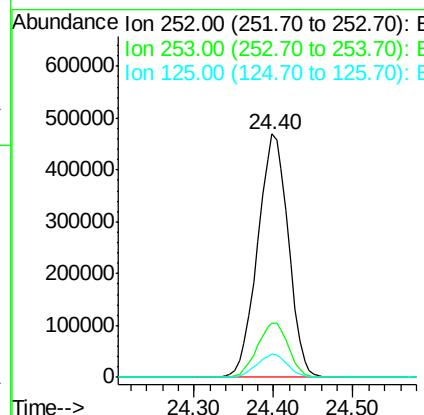
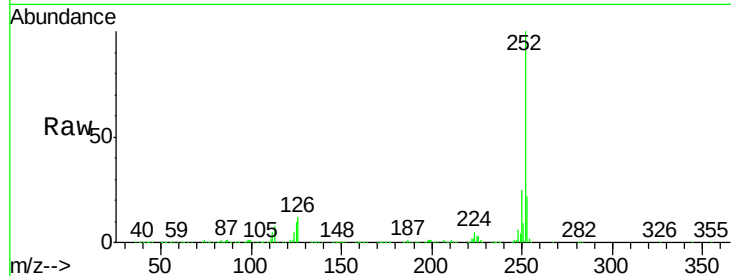
#89
Benzo(a)pyrene
Concen: 40.606 ng
RT: 24.40 min Scan# 3593
Delta R.T. -0.02 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Instrument :
BNA_G
ClientSampleId :
PB108418BS

Tot Ion:252 Resp: 1268279
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 9.6 7.3 10.9

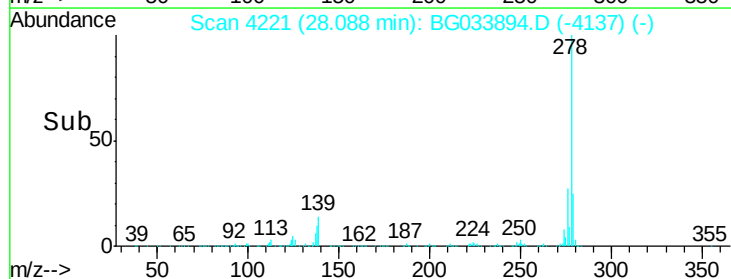
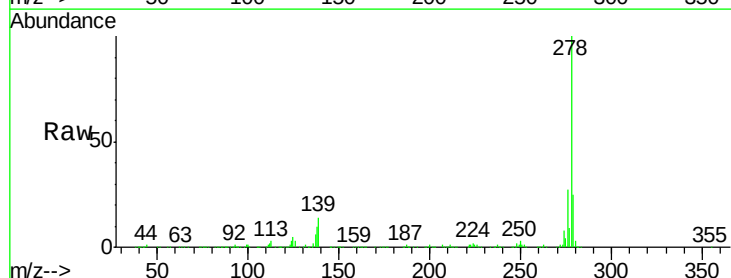
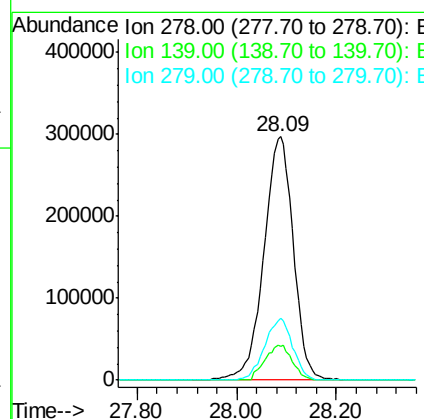
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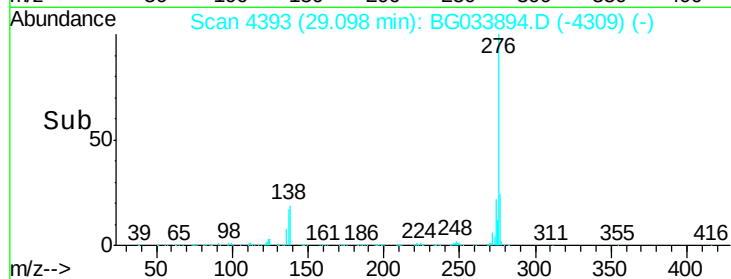
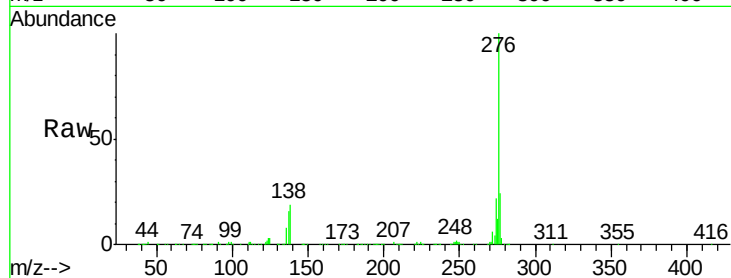
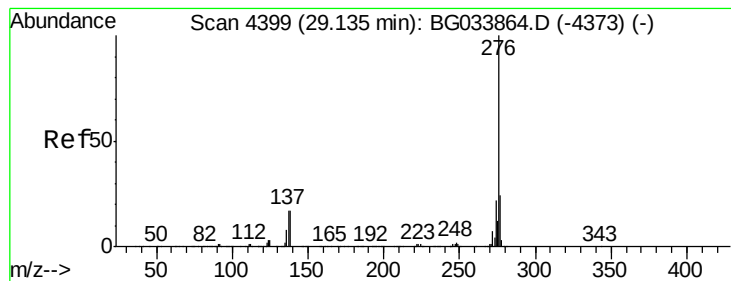
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 40.306 ng
RT: 28.09 min Scan# 4221
Delta R.T. -0.04 min
Lab File: BG033894.D
Acq: 20 Apr 2018 20:08

Tgt Ion:278 Resp: 1218127
Ion Ratio Lower Upper
278 100
139 13.6 9.8 14.6
279 25.2 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 41.325 ng

RT: 29.10 min Scan# 4393

Delta R.T. -0.04 min

Lab File: BG033894.D

Acq: 20 Apr 2018 20:08

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.3	27.5
138	18.5	13.9	20.9

Instrument :

BNA_G

ClientSampleId :

PB108418BS

Manual Integrations
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