

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
 Data File : BG032933.D
 Acq On : 2 Mar 2018 1:09
 Operator : SJ/JU
 Sample : PB106973BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106973BS

Manual Integrations
 APPROVED

Sohil
 3/2/2018 3:29:08 PM

Quant Time: Mar 02 10:46:49 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	49811	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	229548	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	139764	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	325066	20.00	ng	0.00
75) Chrysene-d12	22.62	240	297741	20.00	ng	0.00
86) Perylene-d12	26.43	264	316805	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	422852	135.81	ng	0.00
7) Phenol-d6	8.01	99	564846	130.16	ng	0.00
23) Nitrobenzene-d5	10.12	82	315584	94.19	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	197206	134.19	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	743470	76.72	ng	0.00
78) Terphenyl-d14	20.78	244	1110589	83.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.96	88	53926	39.909	ng	90
3) Pyridine	4.42	79	149105	40.036	ng	98
4) n-Nitrosodimethylamine	4.32	42	78908	52.846	ng	# 89
6) Aniline	8.21	93	97508	16.599	ng	95
8) 2-Chlorophenol	8.47	128	166702	48.917	ng	96
9) Benzaldehyde	8.01	77	61627	24.639	ng	96
10) Phenol	8.04	94	216784	49.554	ng	92
11) bis(2-Chloroethyl)ether	8.30	93	149988	41.929	ng	92
12) 1,3-Dichlorobenzene	8.81	146	162232	40.644	ng	97
13) 1,4-Dichlorobenzene	8.96	146	166697	41.490	ng	95
14) 1,2-Dichlorobenzene	9.29	146	156904	40.753	ng	97
15) Benzyl Alcohol	9.15	79	143494	44.977	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.45	45	259713	42.233	ng	99
17) 2-Methylphenol	9.35	107	147784	45.811	ng	95
18) Hexachloroethane	10.05	117	58995	43.126	ng	# 84
19) n-Nitroso-di-n-propylamine	9.73	70	122454	39.969	ng	# 93
20) 3+4-Methylphenols	9.68	107	203804	45.437	ng	95
22) Acetophenone	9.76	105	234237	40.405	ng	# 96
24) Nitrobenzene	10.16	77	172451	47.227	ng	# 91
25) Isophorone	10.69	82	342166	42.468	ng	# 92
26) 2-Nitrophenol	10.89	139	85019	60.235	ng	94
27) 2,4-Dimethylphenol	10.92	122	182253	52.071	ng	89
28) bis(2-Chloroethoxy)methane	11.16	93	211304	45.019	ng	# 96
29) 2,4-Dichlorophenol	11.43	162	161396	50.807	ng	94
30) 1,2,4-Trichlorobenzene	11.66	180	147817	39.697	ng	98
31) Naphthalene	11.86	128	502019	41.853	ng	98
32) Benzoic acid	10.97	122	48873m	28.485	ng	
33) 4-Chloroaniline	11.94	127	96337	17.963	ng	93
34) Hexachlorobutadiene	12.12	225	78251	37.464	ng	97
35) Caprolactam	12.69	113	65821	51.748	ng	86
36) 4-Chloro-3-methylphenol	13.00	107	194996	52.749	ng	91
37) 2-Methylnaphthalene	13.41	142	374206	43.122	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	156666	37.760	ng	# 96
40) Hexachlorocyclopentadiene	13.73	237	187924	88.876	ng	92

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 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	125374	47.917	nq	98
43) 2,4,5-Trichlorophenol	14.05	196	141342	46.674	nq	98
45) 1,1'-Biphenyl	14.38	154	480103	39.310	nq	97
46) 2-Chloronaphthalene	14.43	162	366133	40.132	nq	98
47) 2-Nitroaniline	14.61	65	132177	55.512	nq	92
48) Acenaphthylene	15.27	152	610012	40.840	nq	99
49) Dimethylphthalate	14.96	163	502187	42.317	nq	100
50) 2,6-Dinitrotoluene	15.09	165	110802	54.851	nq	89
51) Acenaphthene	15.60	154	374129	40.219	nq	98
52) 3-Nitroaniline	15.41	138	76818	34.188	nq	# 84
53) 2,4-Dinitrophenol	15.61	184	9990	23.776	nq	# 1
54) Dibenzofuran	15.93	168	575860	43.476	nq	95
55) 4-Nitrophenol	15.69	139	160916	82.556	nq	85
56) 2,4-Dinitrotoluene	15.86	165	154672	62.172	nq	# 87
57) Fluorene	16.57	166	472279	43.200	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	121057m	51.489	nq	
59) Diethylphthalate	16.30	149	537401	42.934	nq	97
60) 4-Chlorophenyl-phenylether	16.54	204	231122	43.217	nq	92
61) 4-Nitroaniline	16.57	138	115649	45.345	nq	84
62) Azobenzene	16.84	77	489383	43.704	nq	97
64) 4,6-Dinitro-2-methylphenol	16.62	198	19580	26.553	nq	94
65) n-Nitrosodiphenylamine	16.75	169	442422	41.837	nq	99
66) 4-Bromophenyl-phenylether	17.44	248	138945	40.424	nq	# 88
67) Hexachlorobenzene	17.57	284	143795	38.712	nq	# 90
68) Atrazine	17.67	200	151174	43.430	nq	95
69) Pentachlorophenol	17.90	266	137514	58.775	nq	97
70) Phenanthrene	18.31	178	766895	42.287	nq	98
71) Anthracene	18.39	178	785431	43.139	nq	99
72) Carbazole	18.65	167	732930	40.841	nq	98
73) Di-n-butylphthalate	19.15	149	914206	41.524	nq	100
74) Fluoranthene	20.26	202	848399	42.350	nq	94
76) Benzidine	20.41	184	211018	20.792	nq	97
77) Pyrene	20.61	202	855081	40.724	nq	97
79) Butylbenzylphthalate	21.48	149	425378	45.694	nq	92
80) Benzo(a)anthracene	22.60	228	807000	42.267	nq	98
81) 3,3'-Dichlorobenzidine	22.48	252	152808	21.610	nq	# 98
82) Chrysene	22.68	228	762647	41.816	nq	98
83) Bis(2-ethylhexyl)phthalate	22.43	149	603157	43.771	nq	# 95
84) Di-n-octyl phthalate	23.85	149	1037947	49.417	nq	99
85) Indeno(1,2,3-cd)pyrene	30.86	276	892169	41.945	nq	# 91
87) Benzo(b)fluoranthene	25.21	252	800416	42.731	nq	# 96
88) Benzo(k)fluoranthene	25.28	252	796409	42.780	nq	# 96
89) Benzo(a)pyrene	26.25	252	779960	43.778	nq	# 95
90) Dibenzo(a,h)anthracene	30.95	278	730982	40.761	nq	# 93
91) Benzo(g,h,i)perylene	32.25	276	723659	40.935	nq	# 89

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

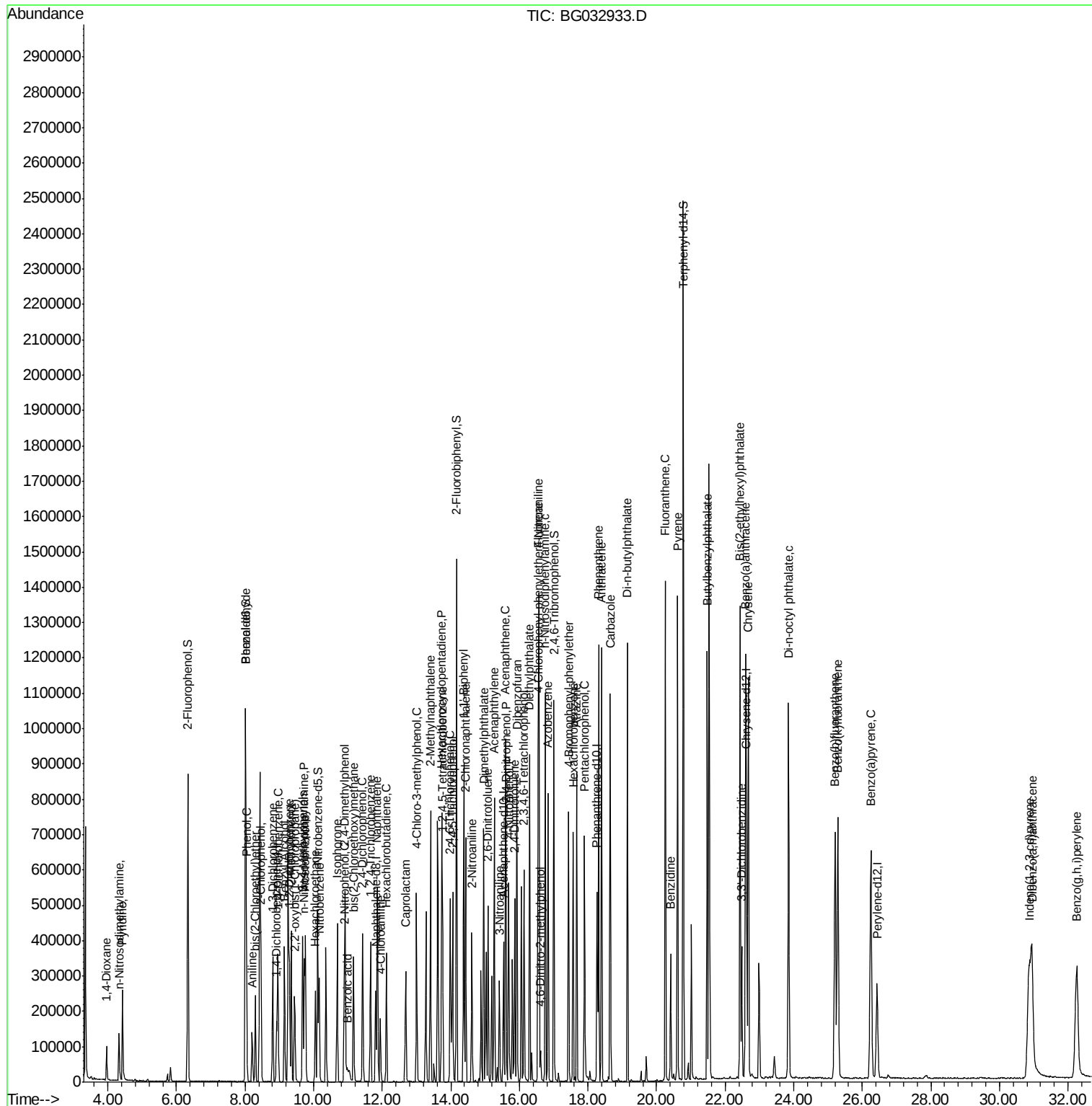
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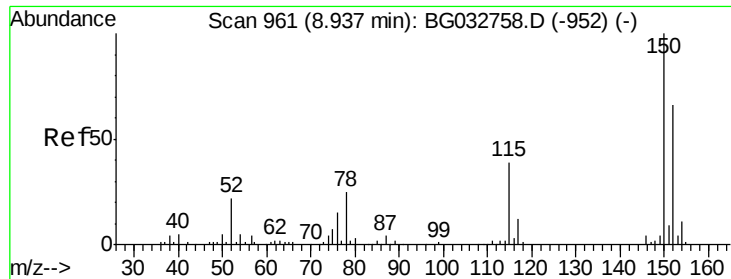
Instrument :
BNA_G
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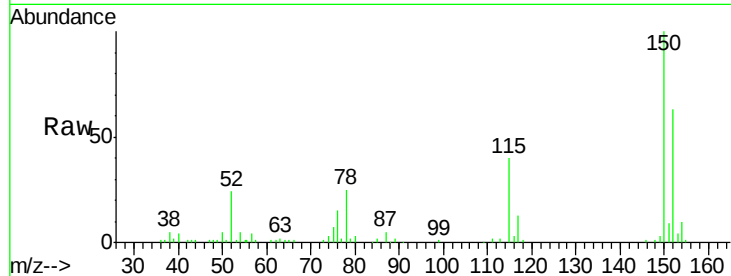
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.92 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Instrument :
 BNA_G
 ClientSampleId :
 PB106973BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.6	189.8
115	63.0	53.0	79.4

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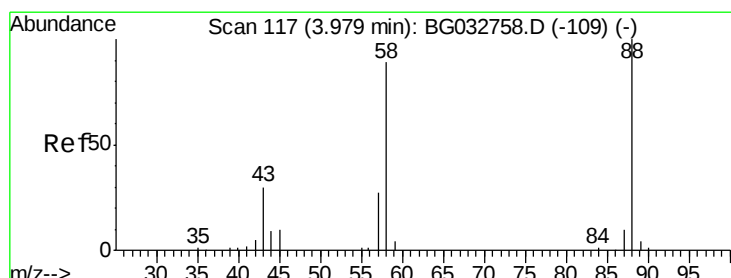
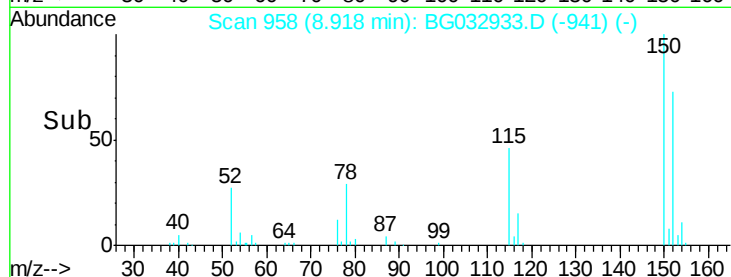
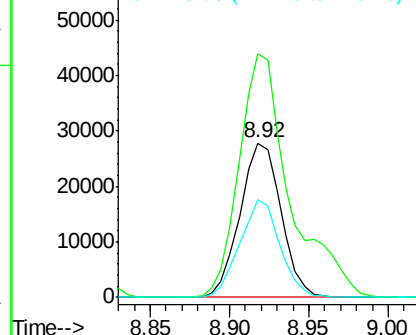


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 39.909 ng
 RT: 3.96 min Scan# 114
 Delta R.T. -0.01 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

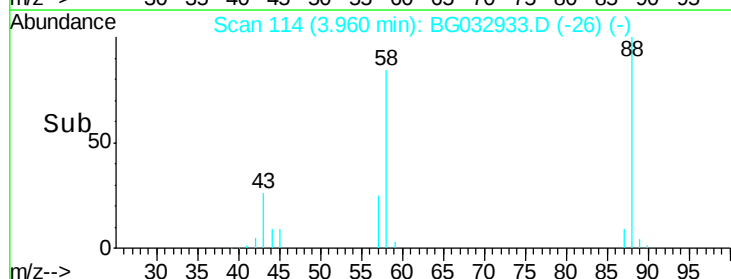
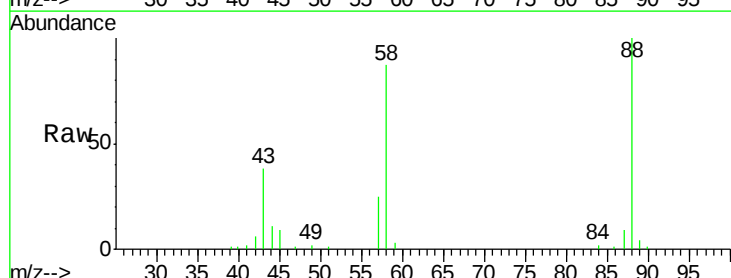
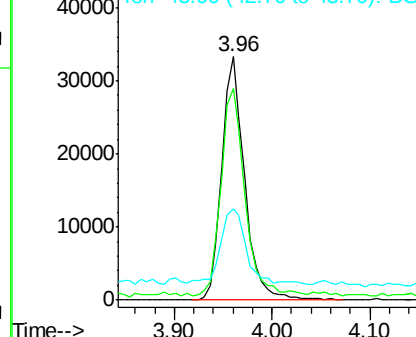
Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.6	79.6	119.4
43	32.8	27.4	41.0

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

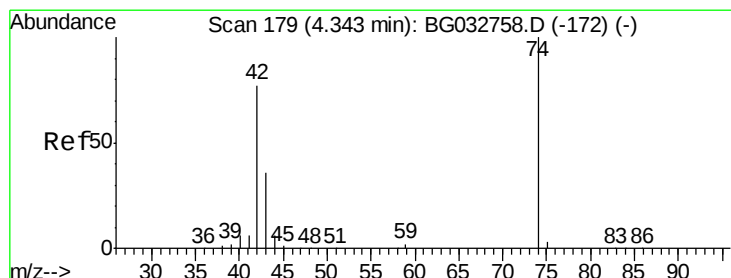
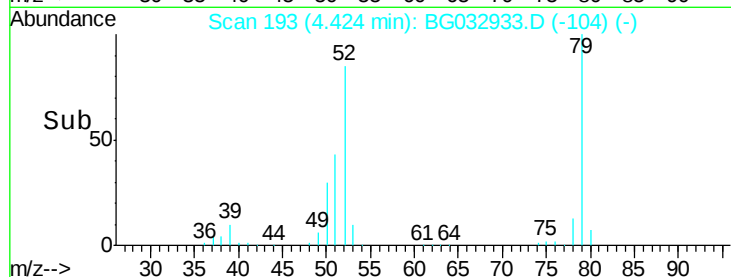
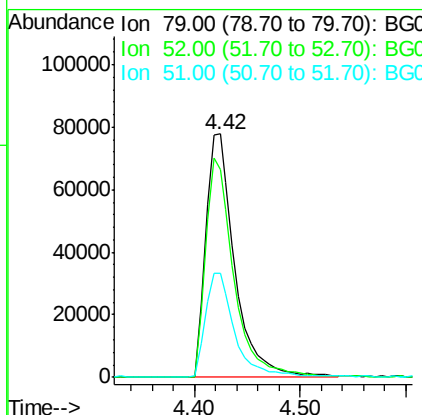
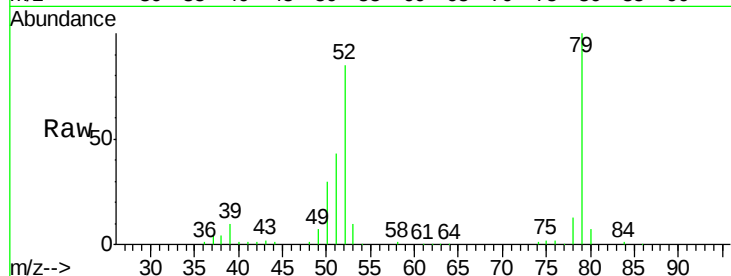
Pvridine
 Concen: 40.036 ng
 RT: 4.42 min Scan# 193
 Delta R.T. -0.01 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Instrument :
 BNA_G
 ClientSampleId :
 PB106973BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	85.4	69.9	104.9
51	43.0	34.0	51.0

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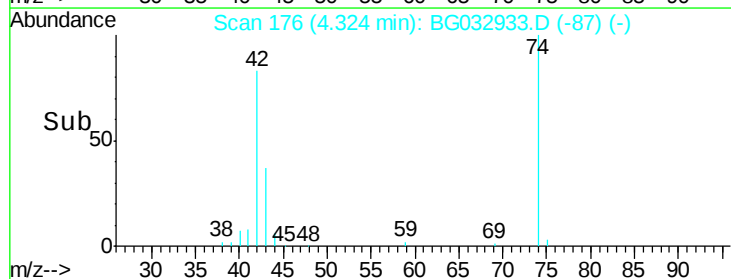
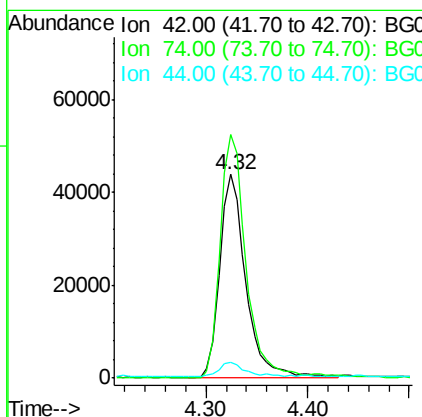
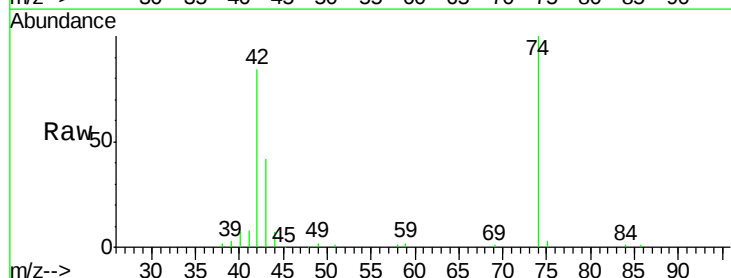
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#4

n-Nitrosodimethylamine
 Concen: 52.846 ng
 RT: 4.32 min Scan# 176
 Delta R.T. -0.01 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	119.7	102.5	153.7
44	7.9	18.9	28.3





#5

2-Fluorophenol

Concen: 135.814 ng

RT: 6.33 min Scan# 518

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

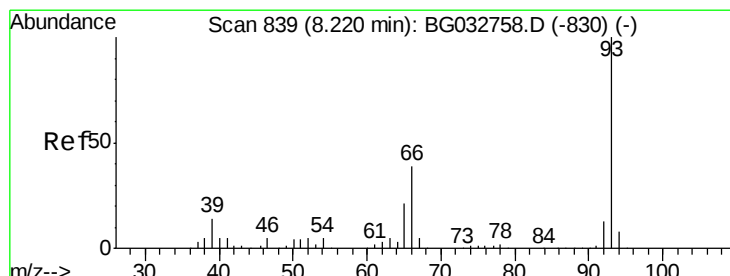
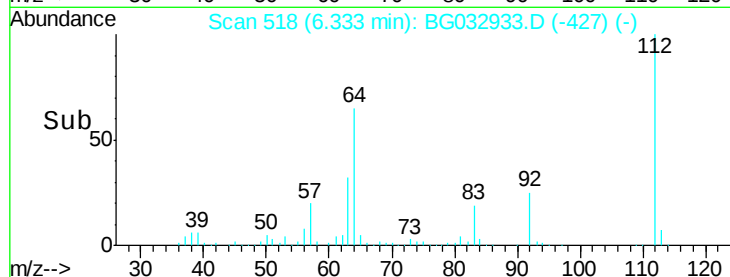
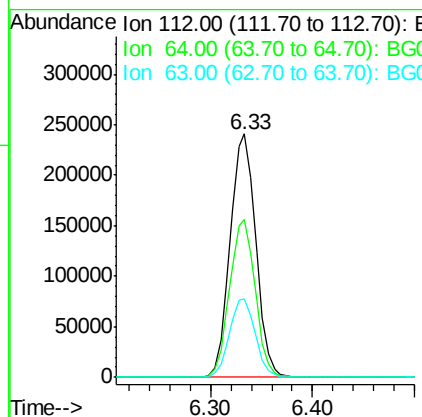
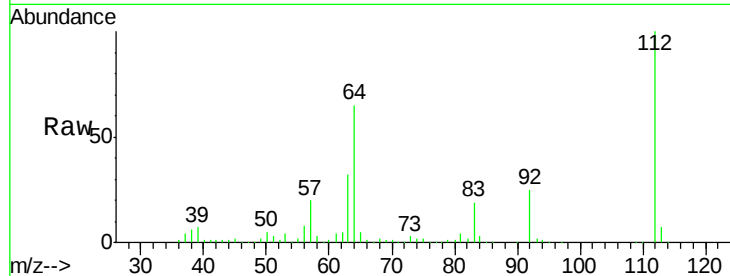
ClientSampleId :

PB106973BS

Tot Ion:	112	Resp:	422852
Ion Ratio	Lower	Upper	
112	100		
64	65.0	56.3	84.5
63	32.1	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 16.599 ng

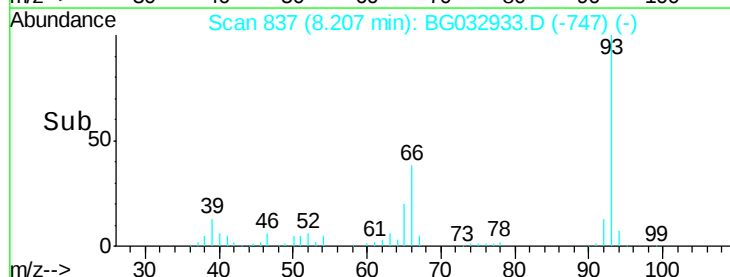
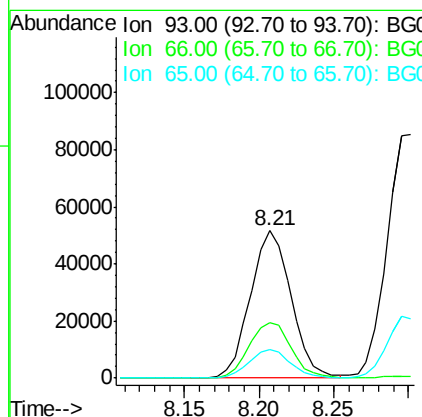
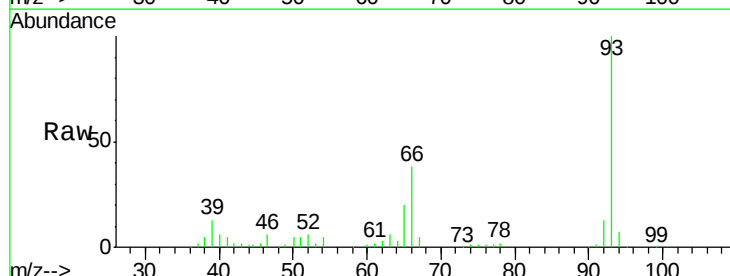
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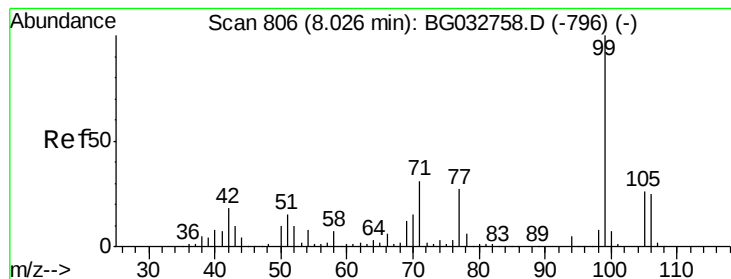
Delta R.T. -0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Tgt Ion:	93	Resp:	97508
Ion Ratio	Lower	Upper	
93	100		
66	38.0	33.7	50.5
65	19.6	16.1	24.1





#7

Phenol-d6

Concen: 130.156 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

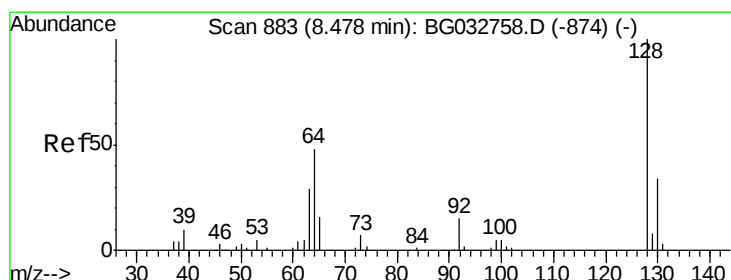
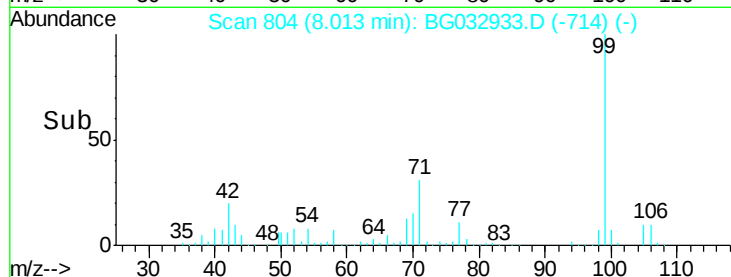
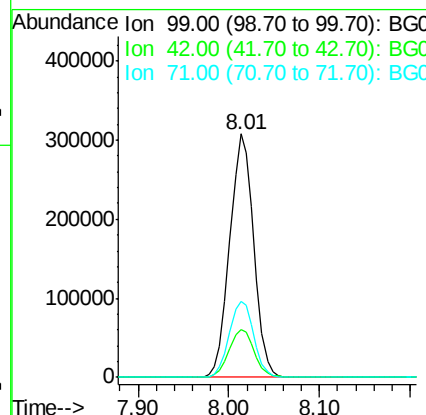
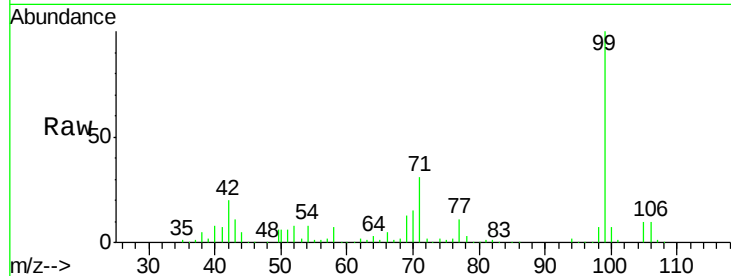
ClientSampleId :

PB106973BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		564846		
42	19.8	14.1	21.1		
71	31.3	26.1	39.1		

Manual Integrations
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#8

2-Chlorophenol

Concen: 48.917 ng

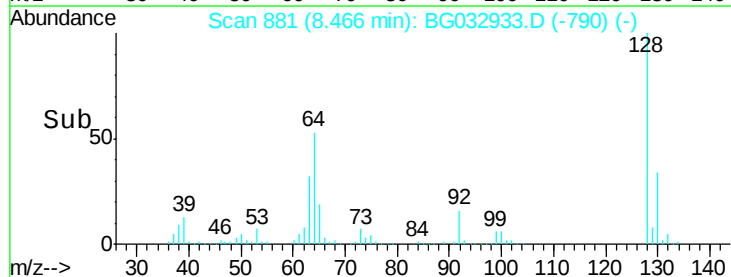
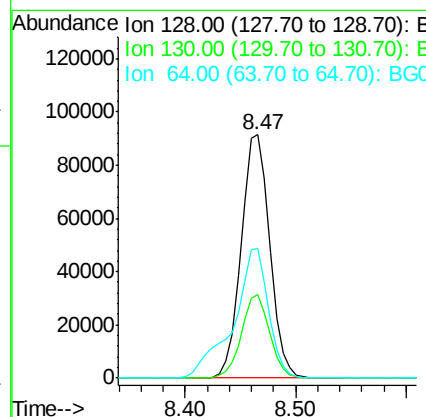
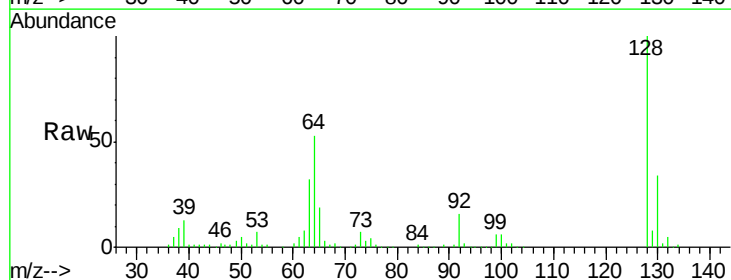
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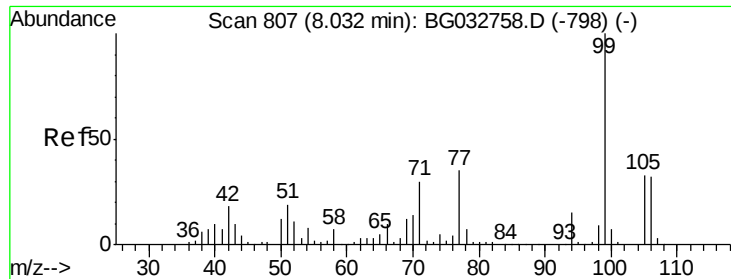
Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		166702		
130	34.2	14.0	54.0		
64	53.5	37.7	77.7		





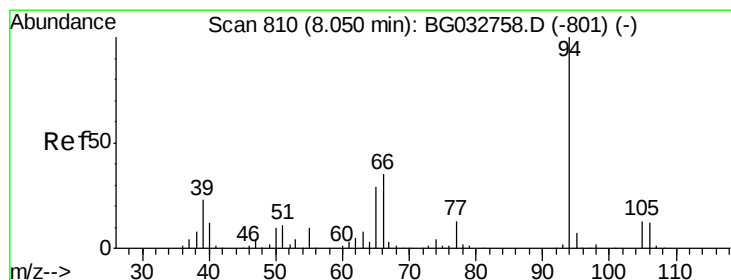
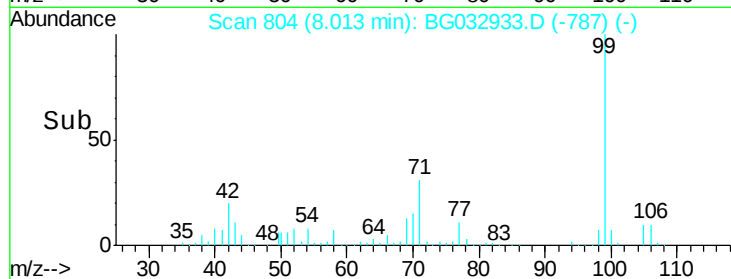
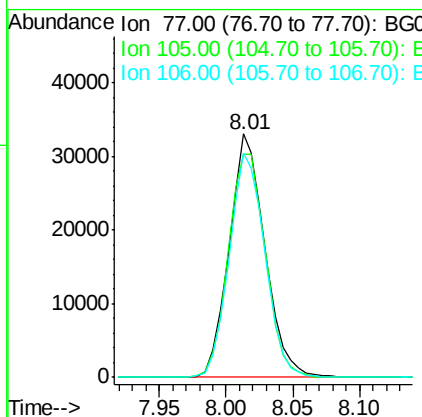
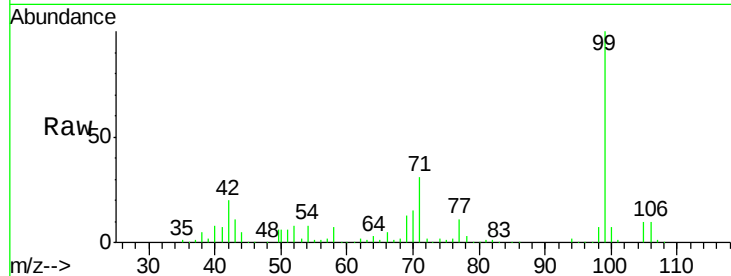
#9
Benzaldehyde
Concen: 24.639 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG032933.D
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Instrument :
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ClientSampleId :
PB106973BS

Tot Ion: 77 Resp: 61627
Ion Ratio Lower Upper
77 100
105 91.7 71.3 111.3
106 92.1 64.2 104.2

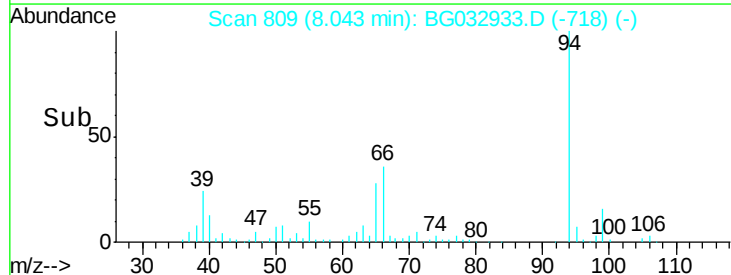
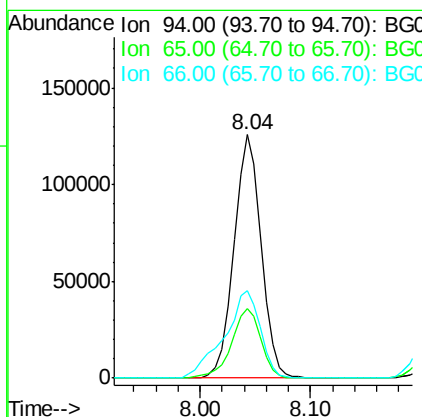
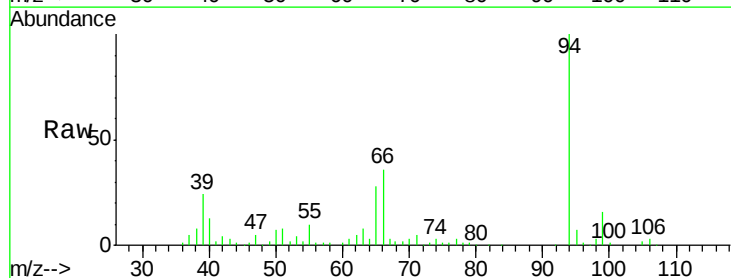
Manual Integrations
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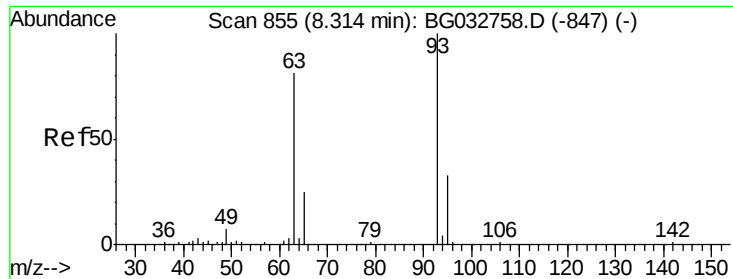
Sohil
3/2/2018 3:29:08 PM



#10
Phenol
Concen: 49.554 ng
RT: 8.04 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion: 94 Resp: 216784
Ion Ratio Lower Upper
94 100
65 28.4 11.9 51.9
66 36.2 22.2 62.2





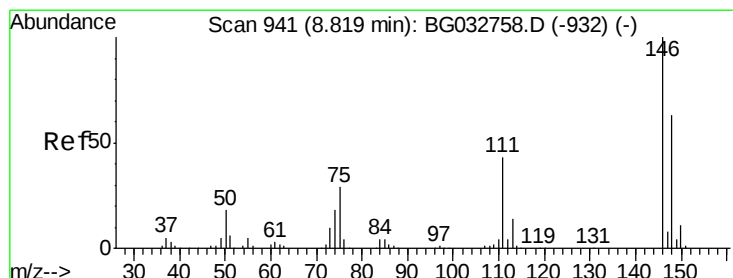
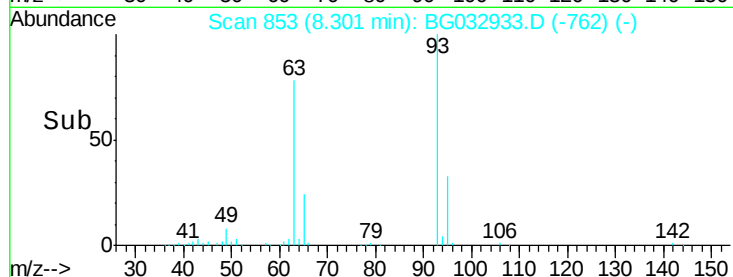
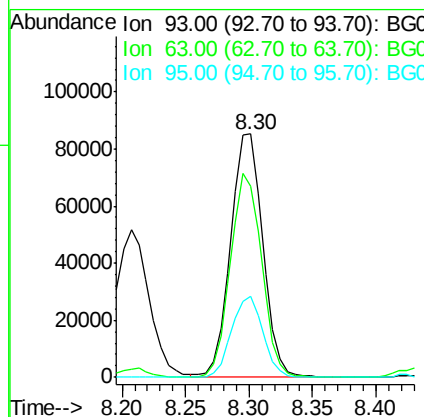
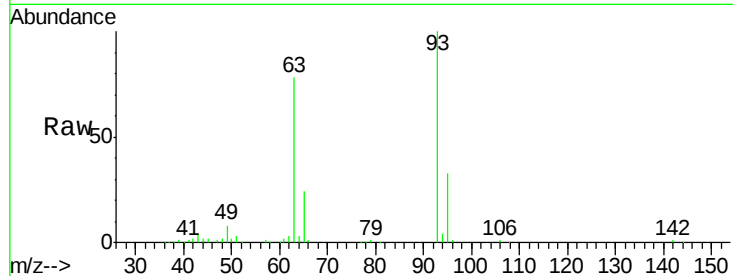
#11
bis(2-Chloroethyl)ether
Concen: 41.929 ng
RT: 8.30 min Scan# 853
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :
PB106973BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.3	67.1	107.1
95	33.1	11.5	51.5

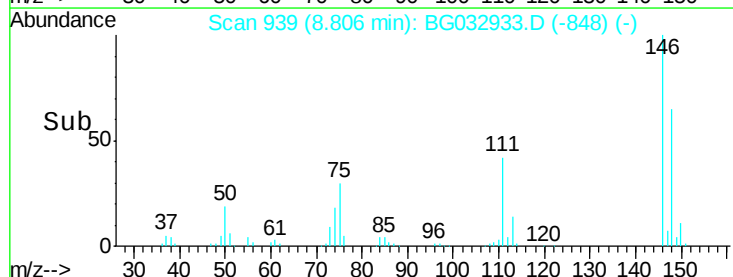
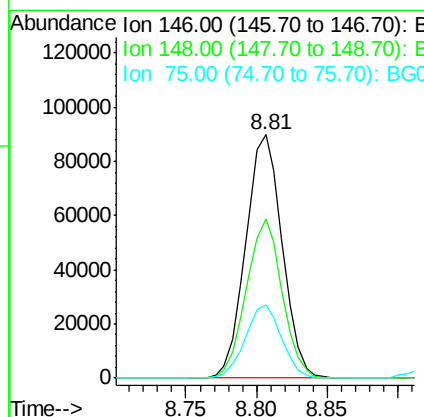
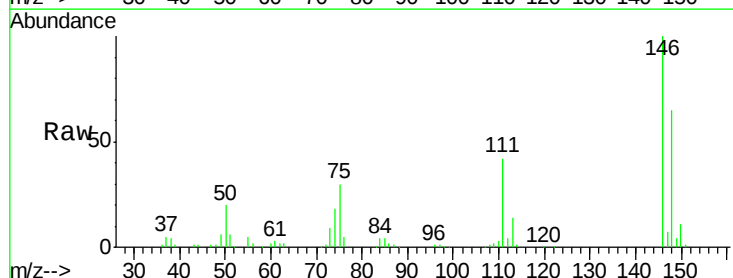
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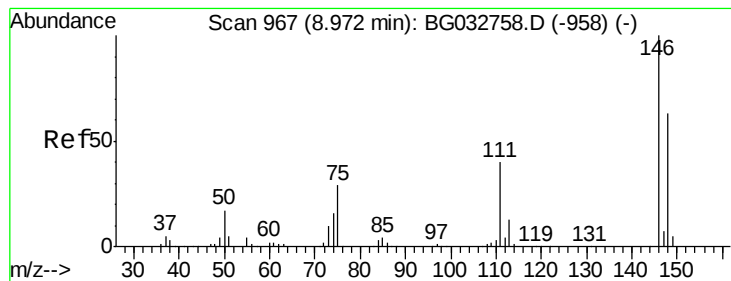
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.644 ng
RT: 8.81 min Scan# 939
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.4	77.2
75	30.2	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 41.490 ng

RT: 8.96 min Scan# 965

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

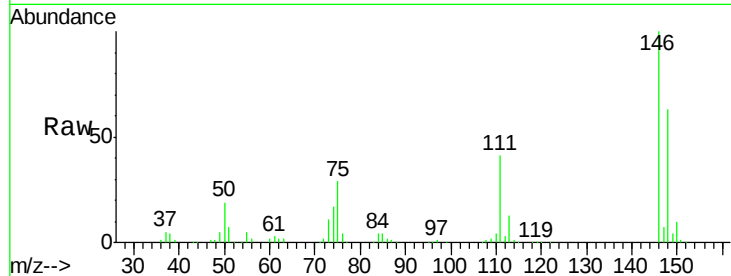
ClientSampleId :

PB106973BS

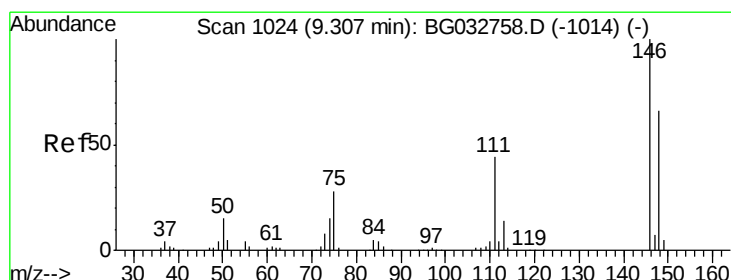
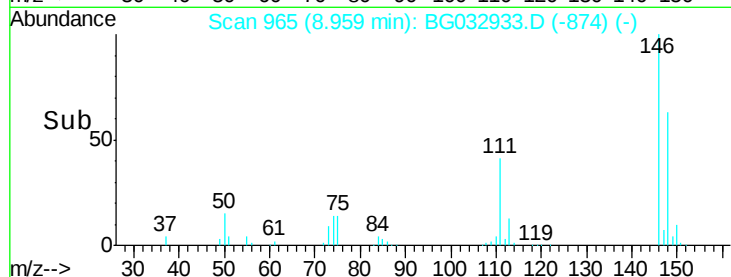
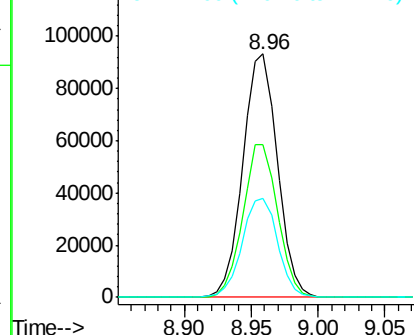
Tot Ion:	146	Resp:	166697
Ion Ratio	Lower	Upper	
146	100		
148	63.0	53.7	80.5
111	40.7	35.2	52.8

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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: 40.753 ng

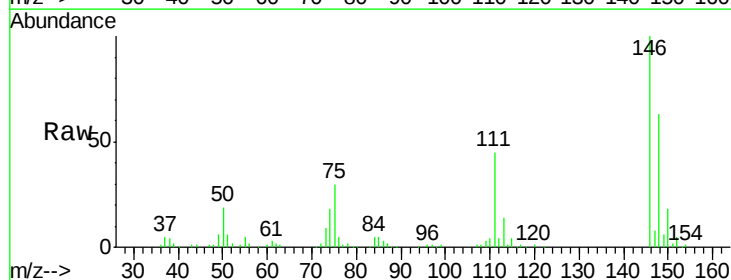
RT: 9.29 min Scan# 1021

Delta R.T. -0.00 min

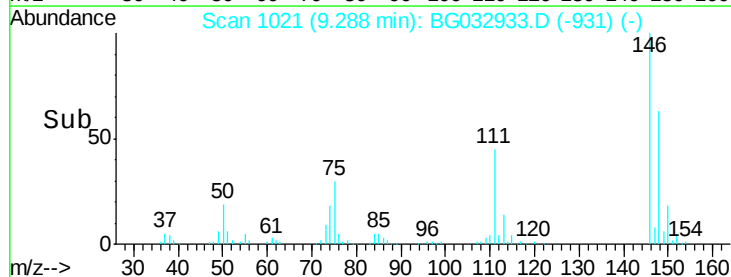
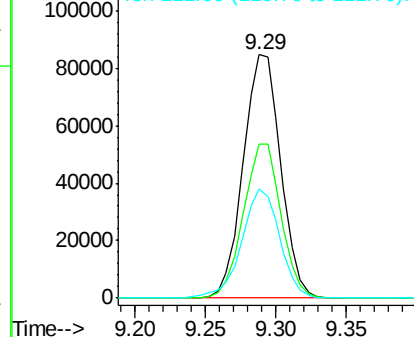
Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Tgt Ion:	146	Resp:	156904
Ion Ratio	Lower	Upper	
146	100		
148	63.3	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





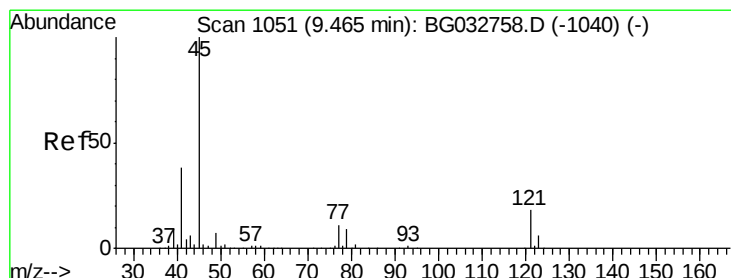
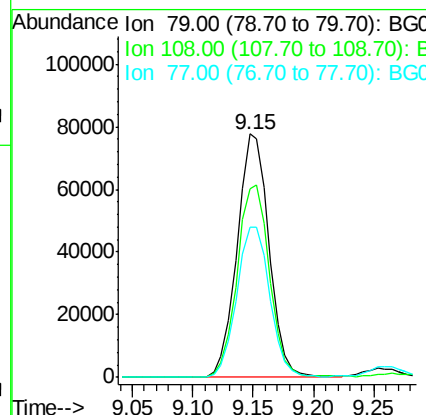
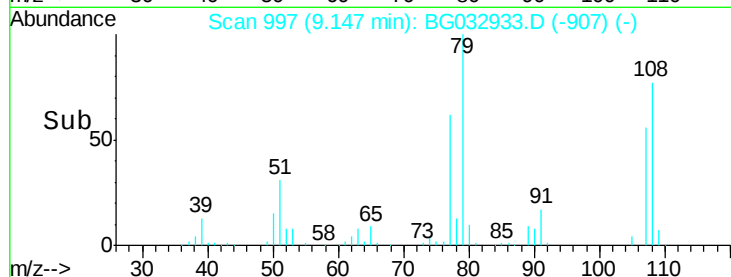
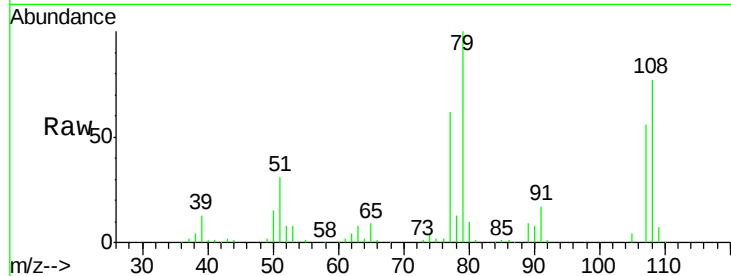
#15
Benzyl Alcohol
Concen: 44.977 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampled :
PB106973BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.2	57.2	85.8
77	61.7	46.1	69.1

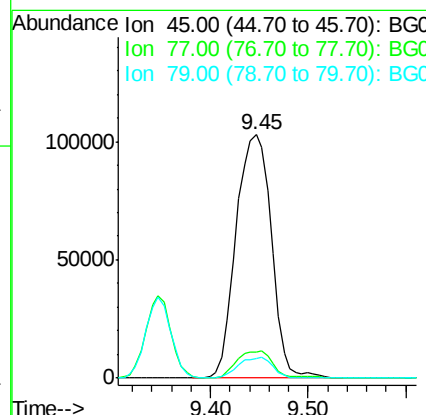
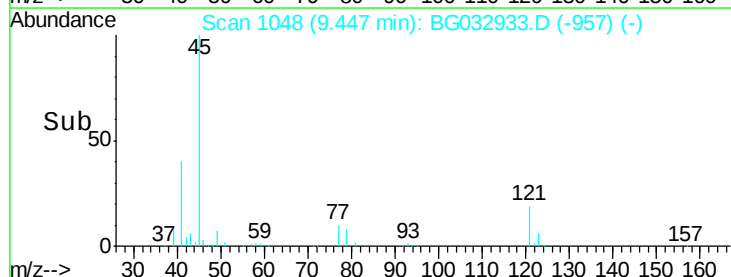
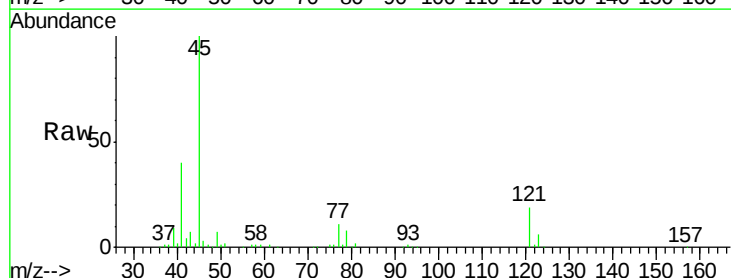
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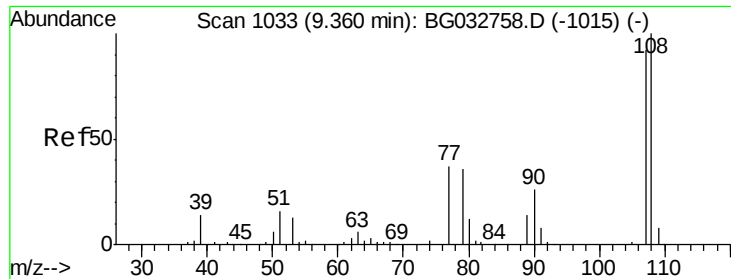
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.233 ng
RT: 9.45 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	30.2
79	8.1	0.0	27.9





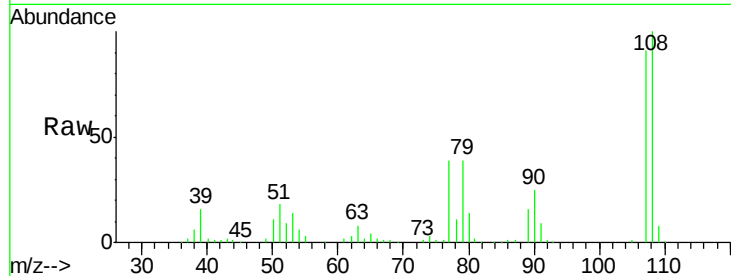
#17
2-Methylphenol
Concen: 45.811 ng
RT: 9.35 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampled :
PB106973BS

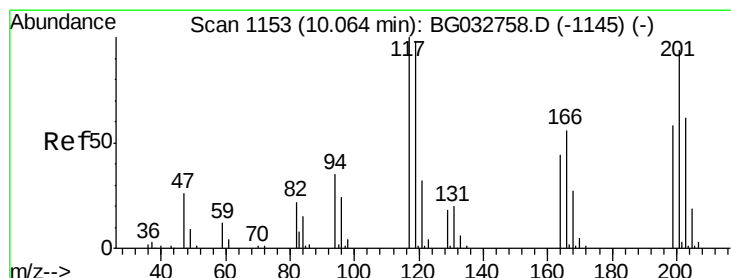
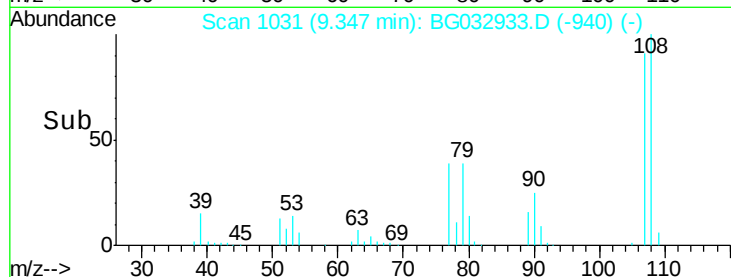
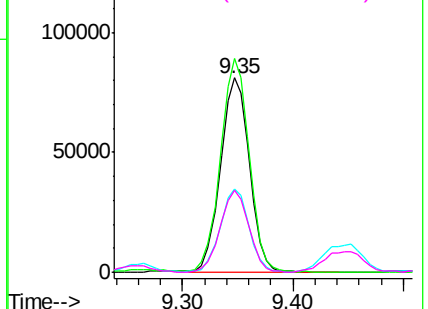
Tot Ion	Ratio	Resp	Lower	Upper
107	100	147784		
108	109.9	83.9	125.9	
77	43.1	37.2	55.8	
79	42.5	36.2	54.2	

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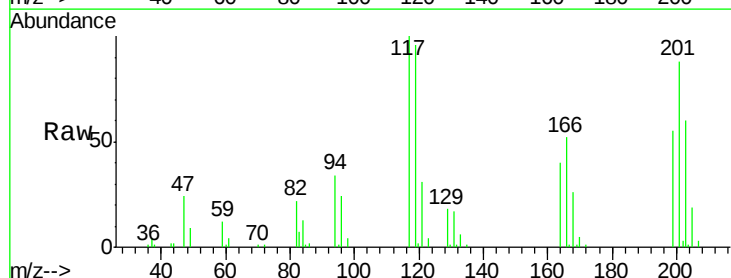


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

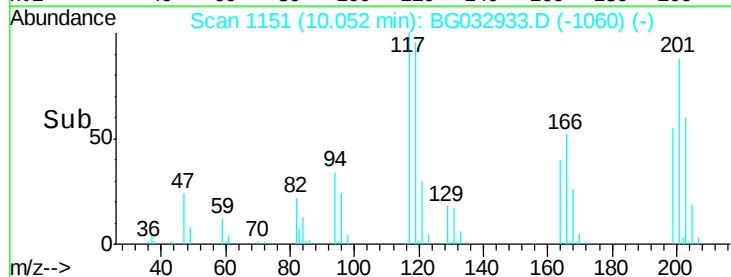
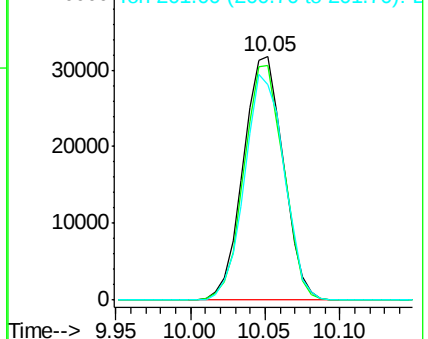


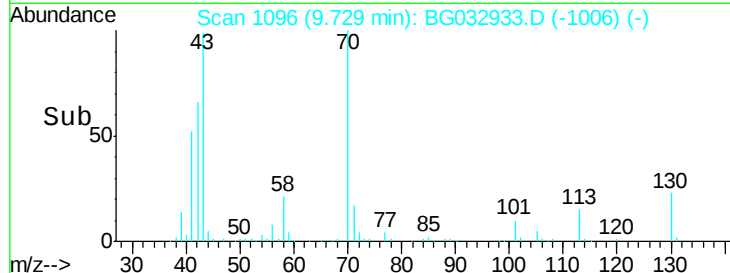
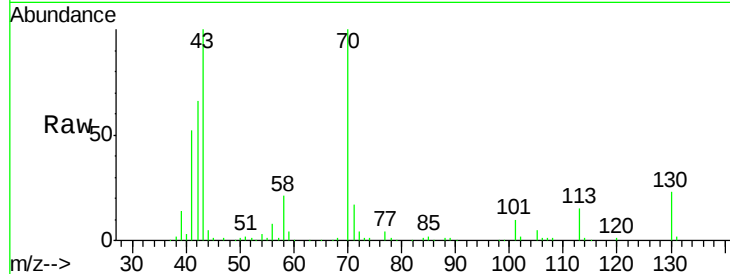
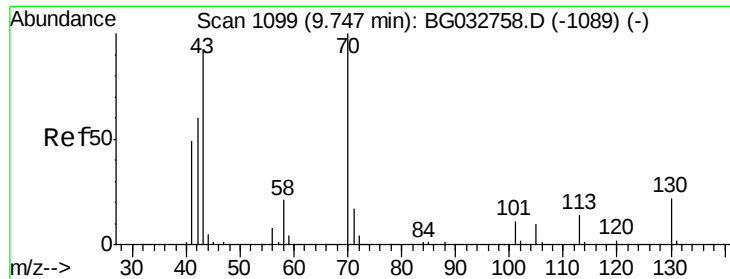
#18
Hexachloroethane
Concen: 43.126 ng
RT: 10.05 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	58995		
119	96.3	76.7	115.1	
201	88.3	95.7	143.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





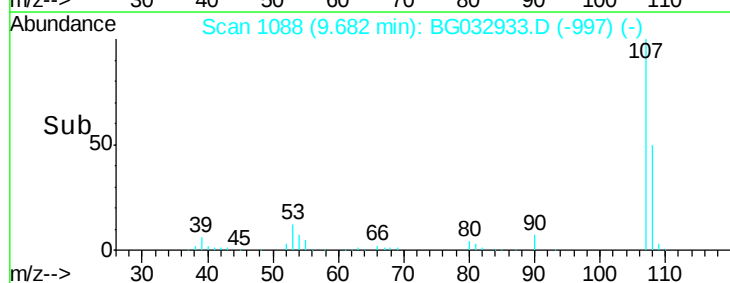
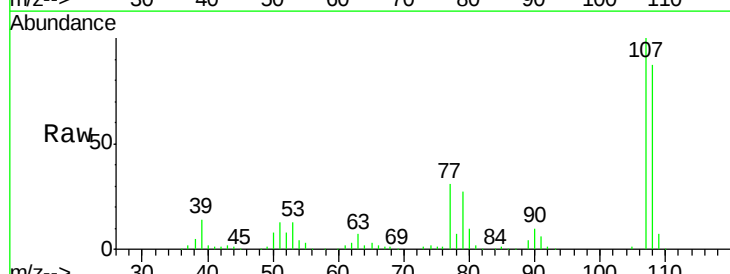
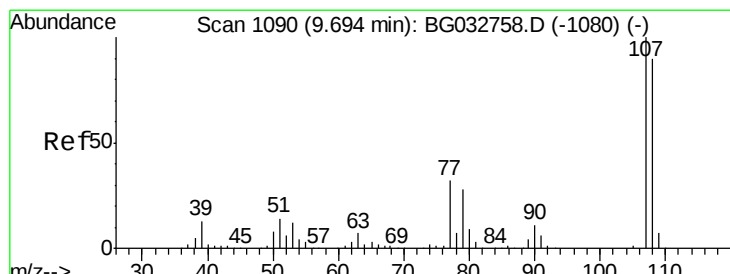
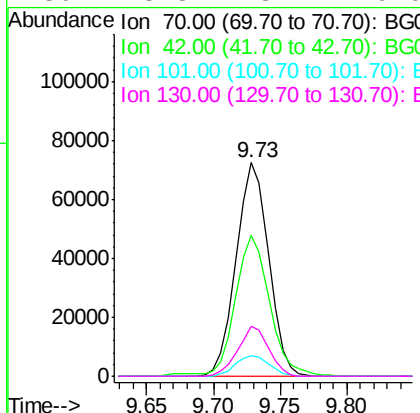
#19
n-Nitroso-di-n-propylamine
Concen: 39.969 ng
RT: 9.73 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :
PB106973BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.7	49.1	73.7	
101	9.9	8.5	12.7	
130	23.3	13.4	20.0	

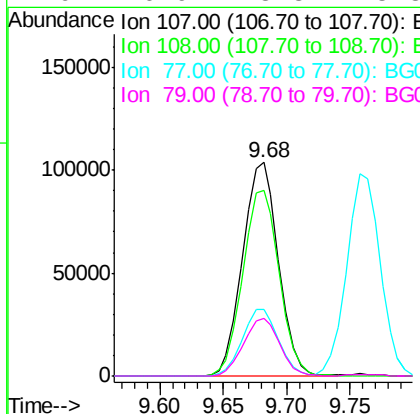
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#20
3+4-Methylphenols
Concen: 45.437 ng
RT: 9.68 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.0	61.6	101.6	
77	31.1	13.9	53.9	
79	26.9	8.8	48.8	





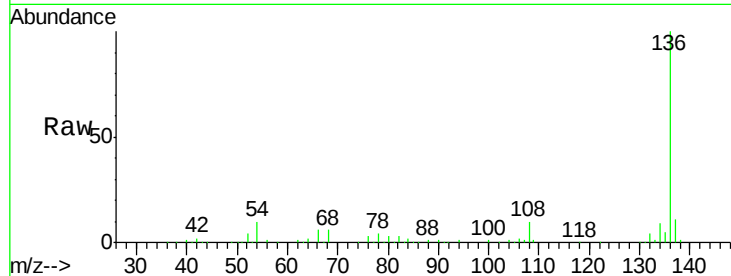
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :
PB106973BS

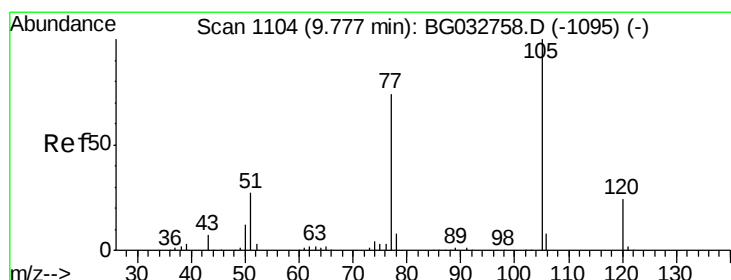
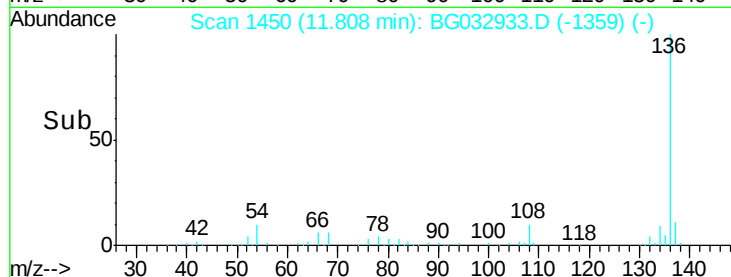
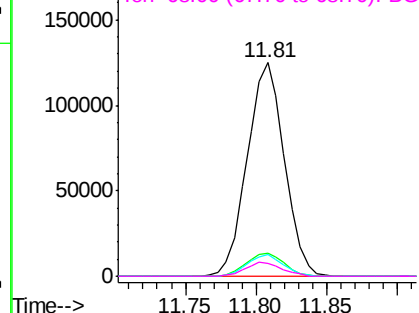
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.2	13.8	
54	10.1	10.3	15.5	
68	6.1	4.5	6.7	

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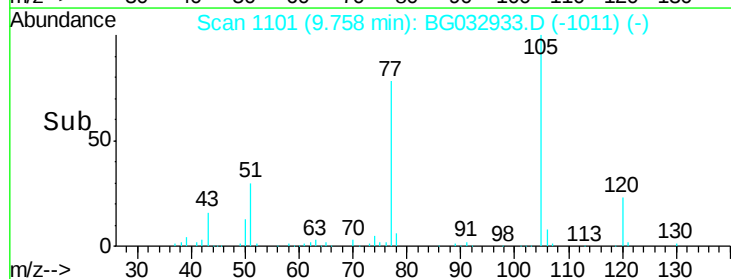
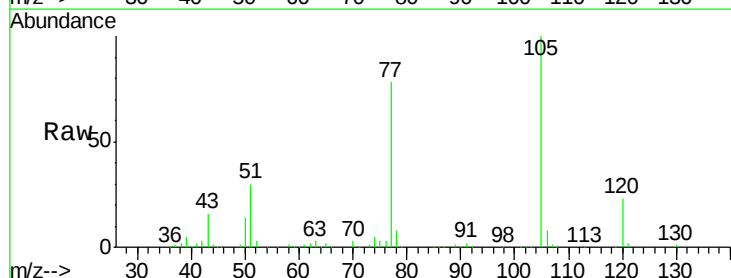
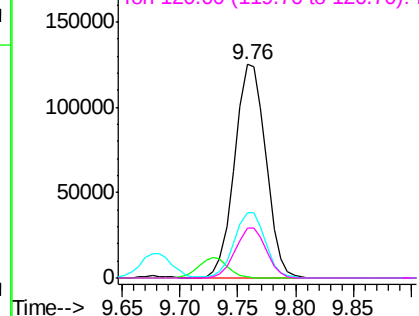
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.405 ng
RT: 9.76 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.3	3.0	4.4	
51	30.3	26.1	39.1	
120	23.2	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





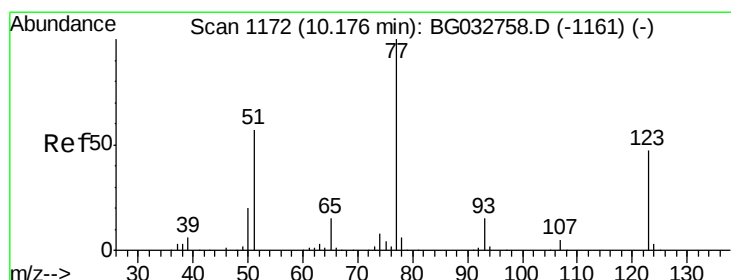
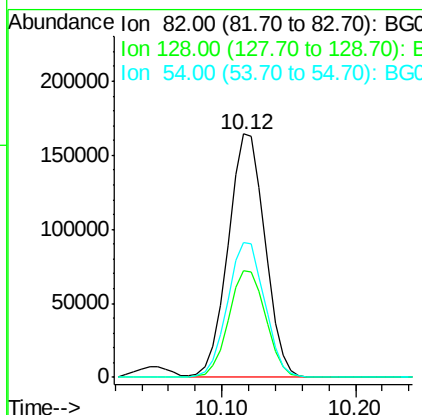
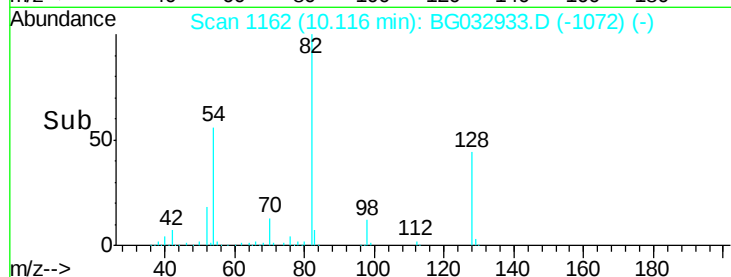
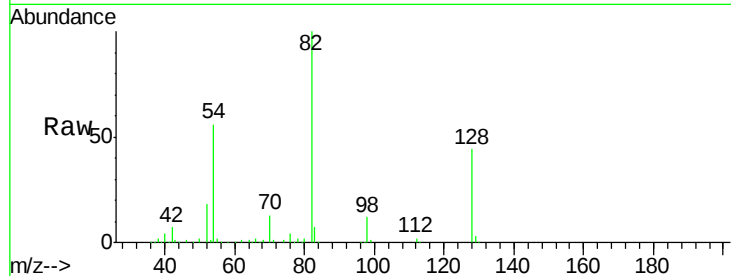
#23
 Nitrobenzene-d5
 Concen: 94.192 ng
 RT: 10.12 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Instrument :
 BNA_G
 ClientSampleId :
 PB106973BS

Tot Ion	82	Resp	315584
Ion Ratio	100	Lower	Upper
128	43.7	29.7	44.5
54	55.5	43.1	64.7

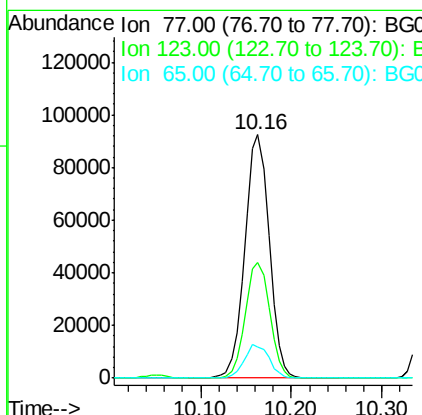
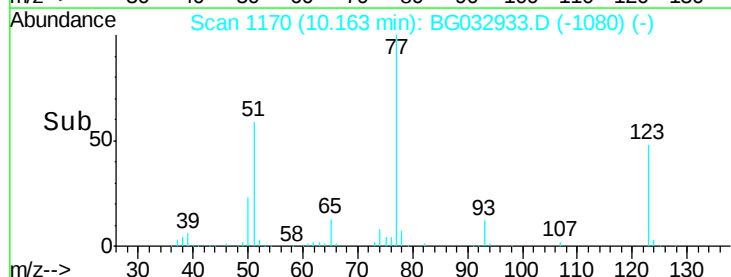
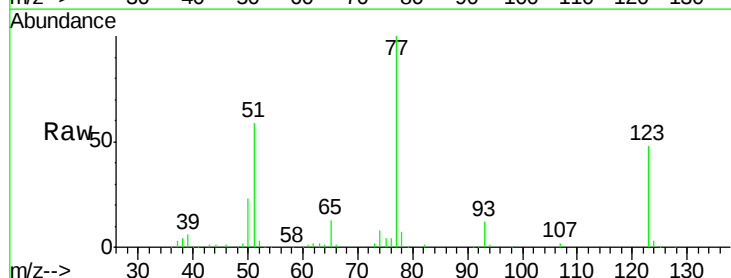
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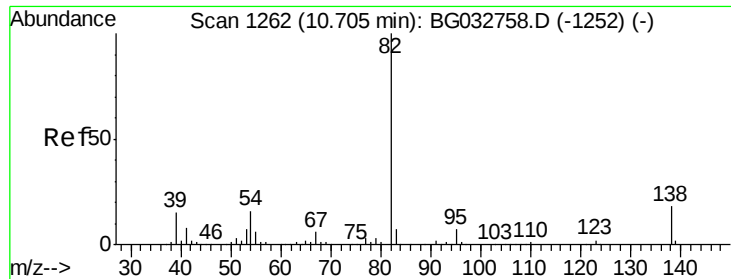
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#24
 Nitrobenzene
 Concen: 47.227 ng
 RT: 10.16 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Tgt Ion	77	Resp	172451
Ion Ratio	100	Lower	Upper
123	47.7	33.0	49.6
65	13.0	13.0	19.6#





#25

Isophorone

Concen: 42.468 ng

RT: 10.69 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

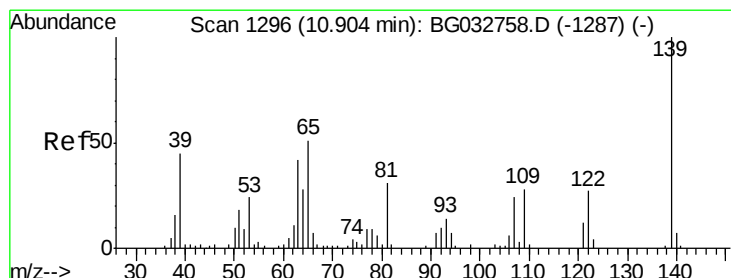
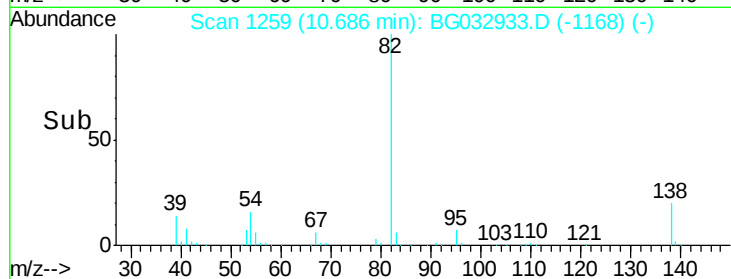
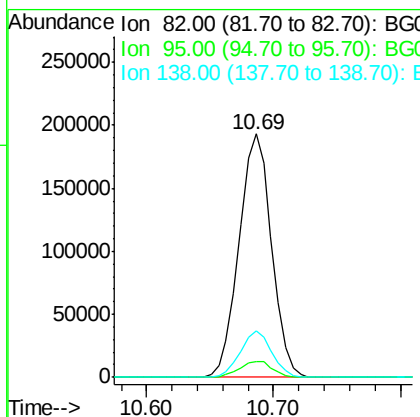
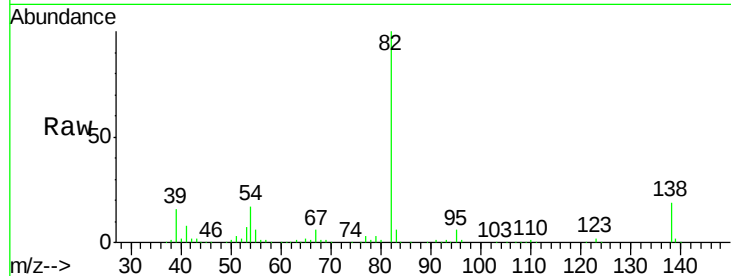
ClientSampleId :

PB106973BS

Tot Ion:	82	Resp:	342166
Ion Ratio		Lower	Upper
82	100		
95	6.5	6.2	9.2
138	19.4	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 60.235 ng

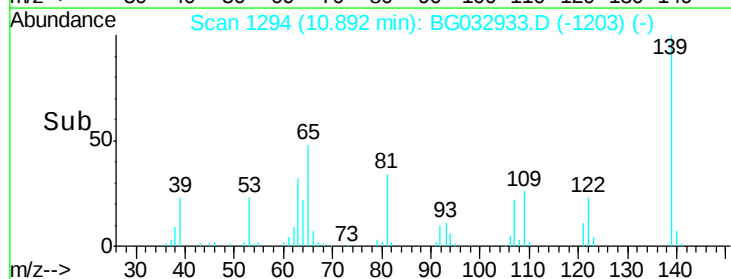
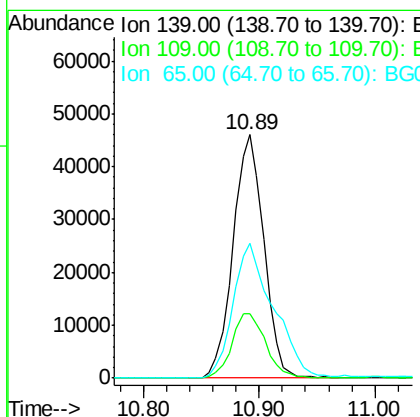
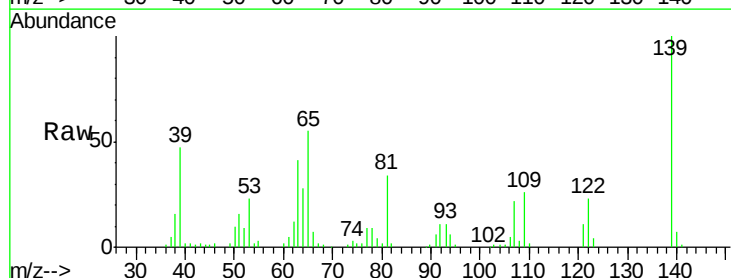
RT: 10.89 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Tgt Ion:	139	Resp:	85019
Ion Ratio		Lower	Upper
139	100		
109	26.5	24.2	36.2
65	55.3	47.4	71.0





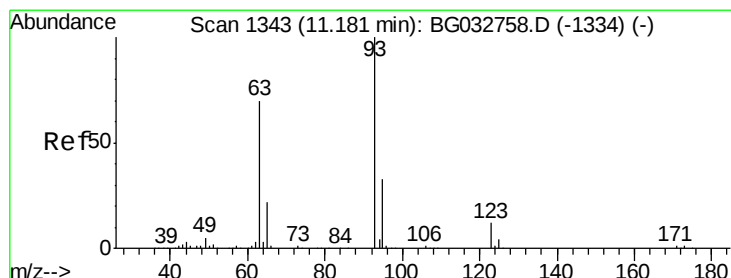
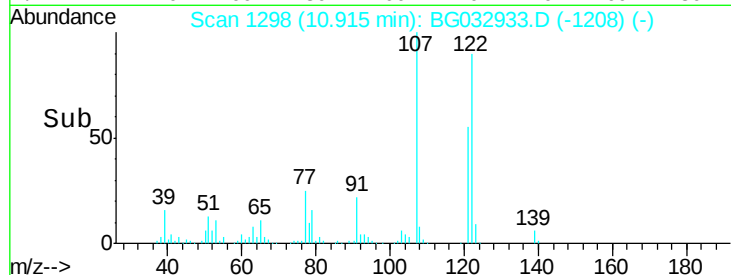
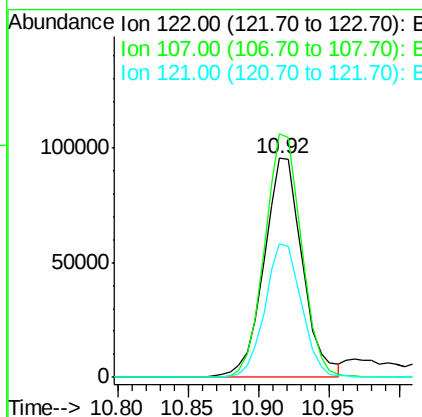
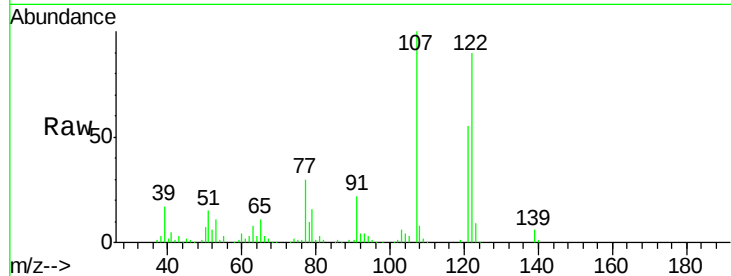
#27
2,4-Dimethylphenol
Concen: 52.071 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampled :
PB106973BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.3	100.2	150.2
121	60.8	44.4	66.6

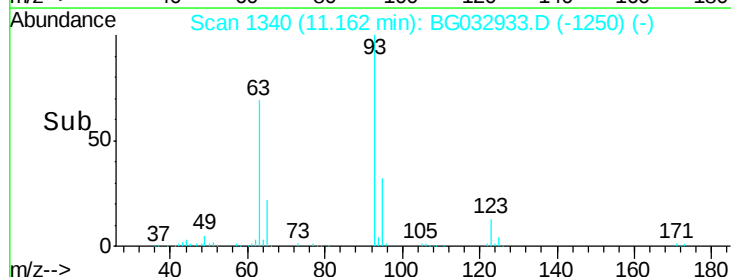
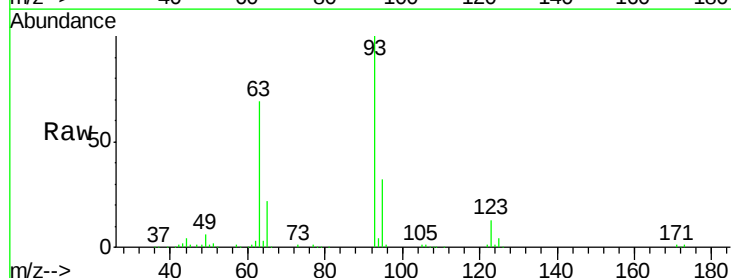
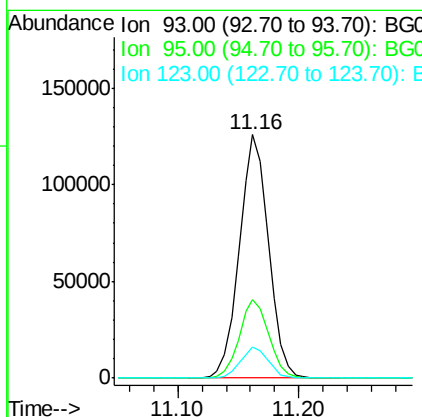
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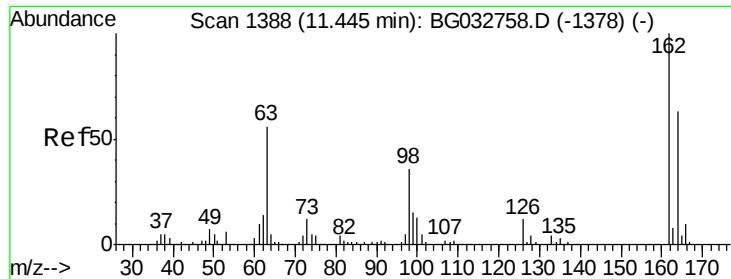
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 45.019 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	24.3	36.5
123	12.7	8.4	12.6#





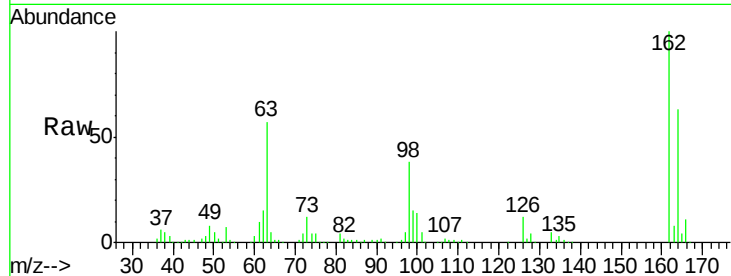
#29
2,4-Dichlorophenol
Concen: 50.807 ng
RT: 11.43 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :
PB106973BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.1	48.0	88.0
98	38.3	21.1	61.1

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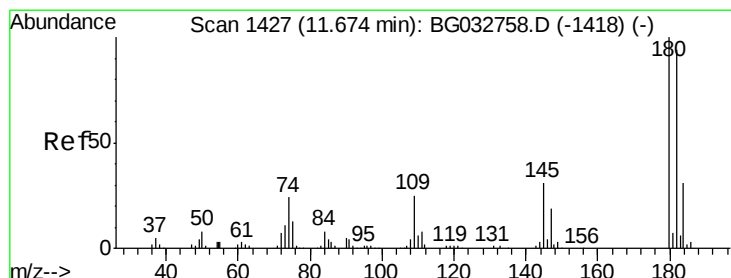
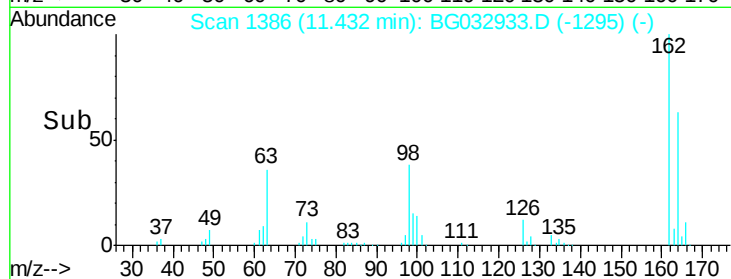
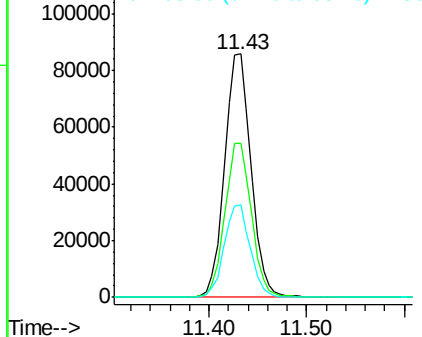


Abundance

Ion 162.00 (161.70 to 162.70): E

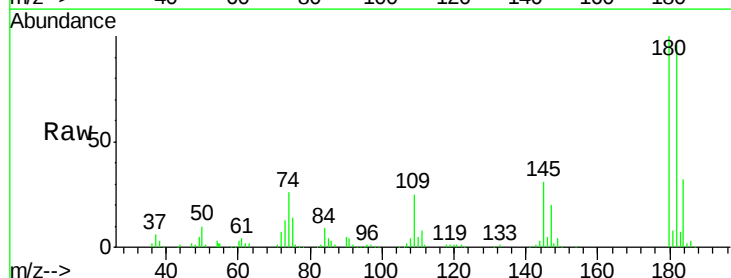
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 39.697 ng
RT: 11.66 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.8	77.5	116.3
145	31.3	23.4	35.2

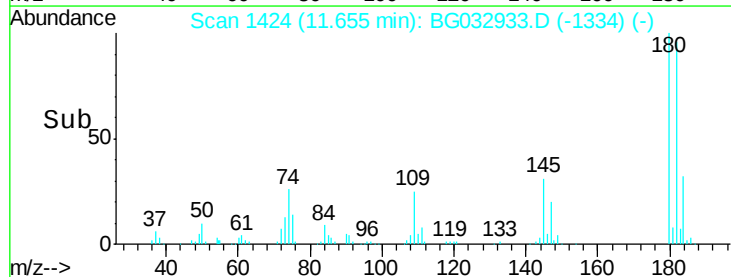
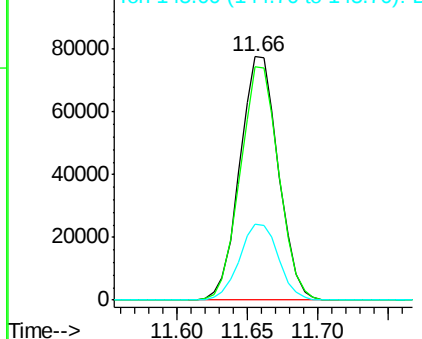


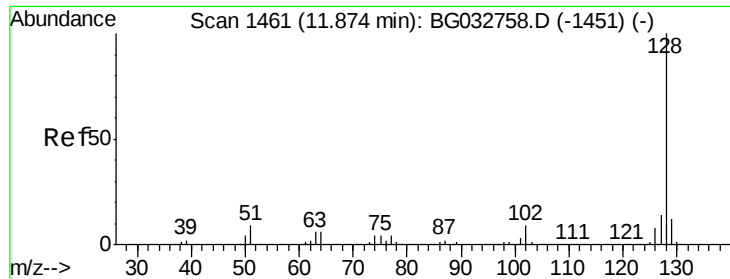
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





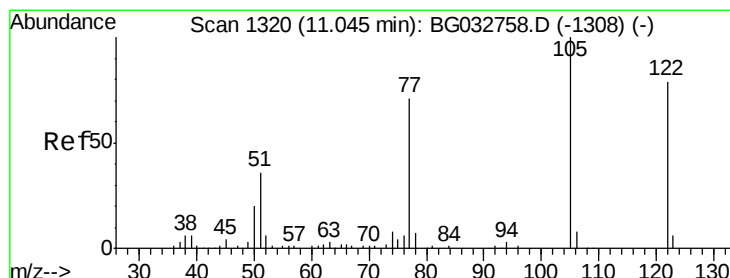
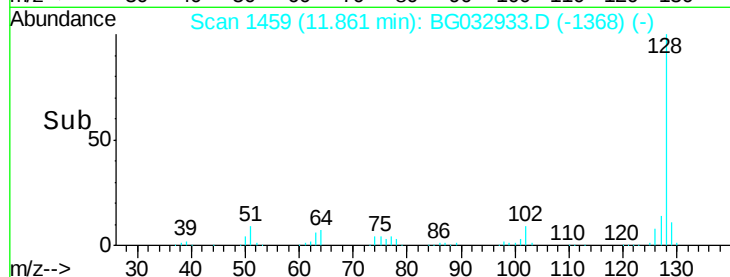
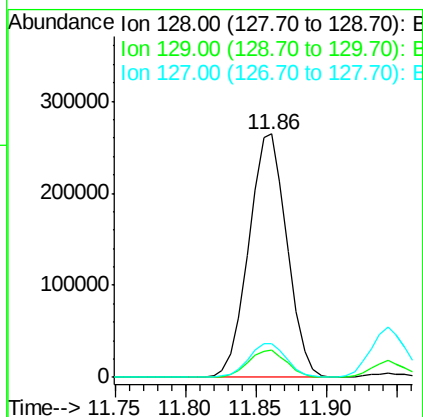
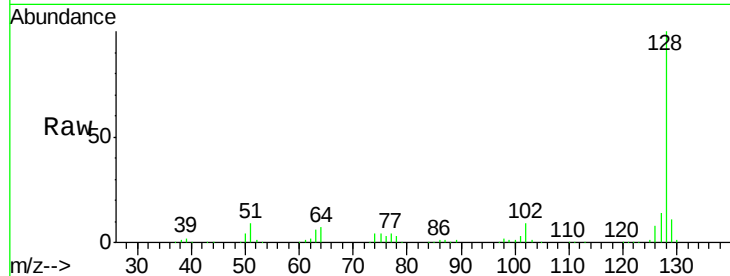
#31
Naphthalene
Concen: 41.853 ng
RT: 11.86 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :
PB106973BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.7	11.6	17.4

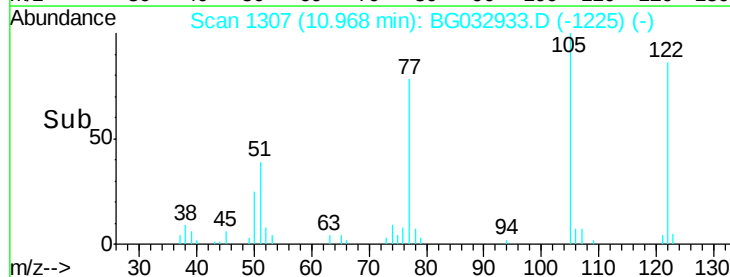
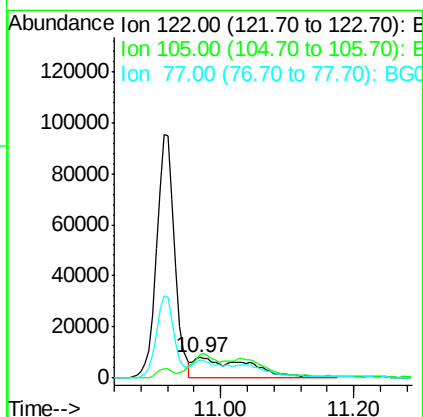
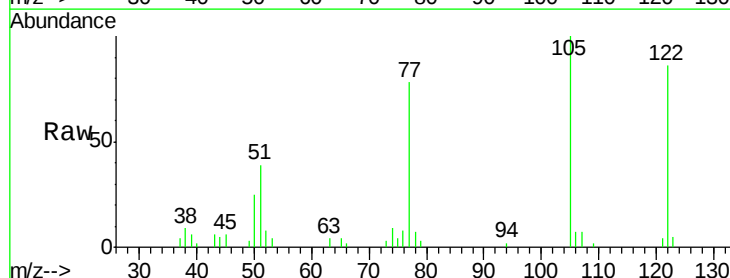
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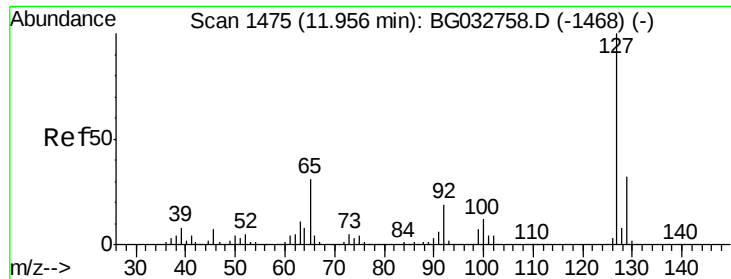
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#32
Benzoic acid
Concen: 28.485 ng m
RT: 10.97 min Scan# 1307
Delta R.T. -0.05 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.8	123.5	163.5#
77	90.0	85.7	125.7





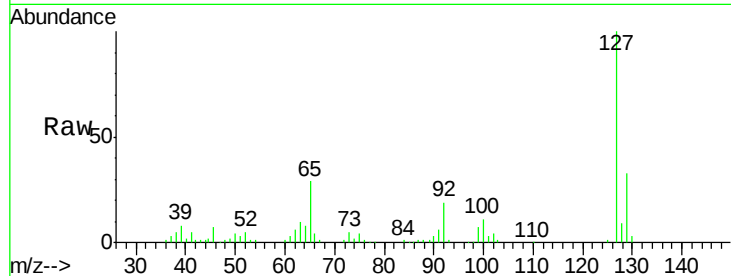
#33
4-Chloroaniline
Concen: 17.963 ng
RT: 11.94 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :
PB106973BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	24.0	36.0		
65	29.0	27.0	40.4		
92	18.6	16.6	25.0		

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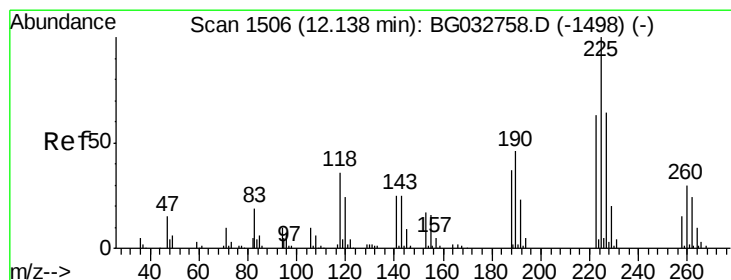
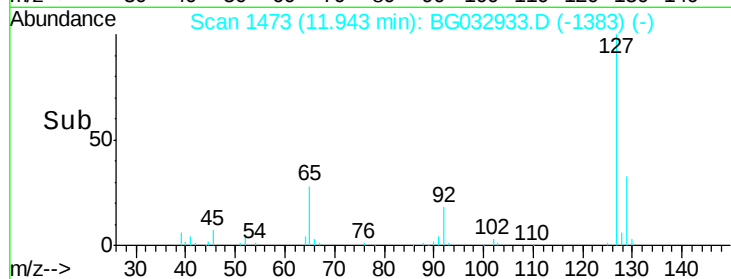
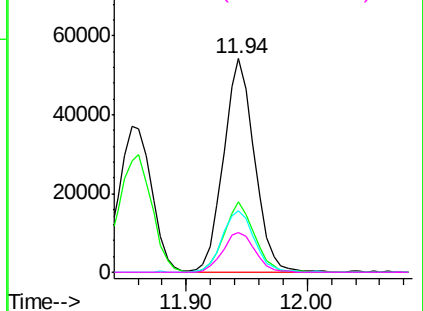
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

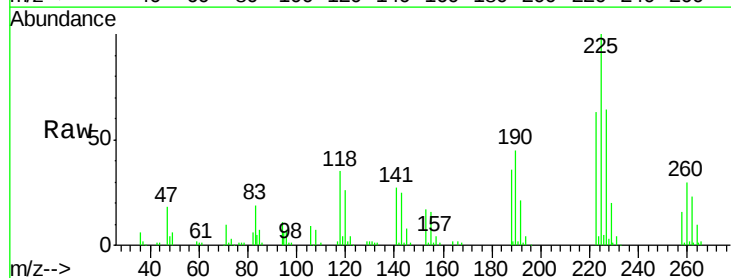
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 37.464 ng
RT: 12.12 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	49.7	74.5		
227	64.2	48.1	72.1		

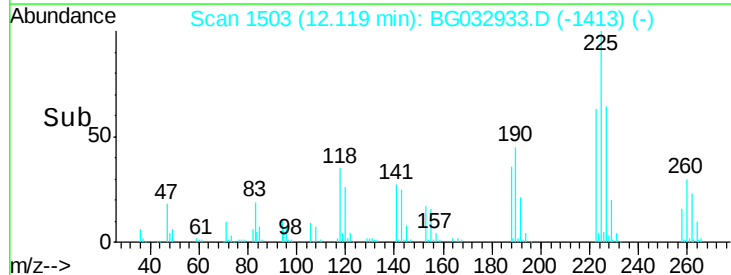
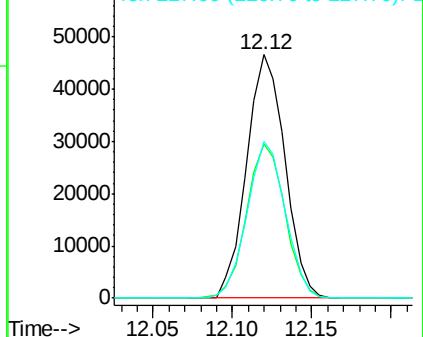


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 51.748 ng

RT: 12.69 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

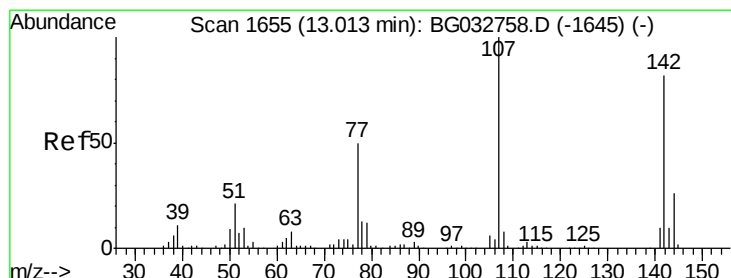
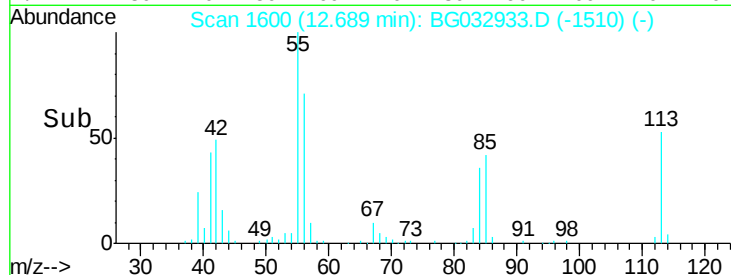
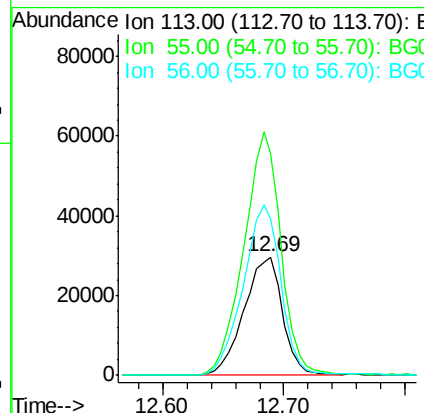
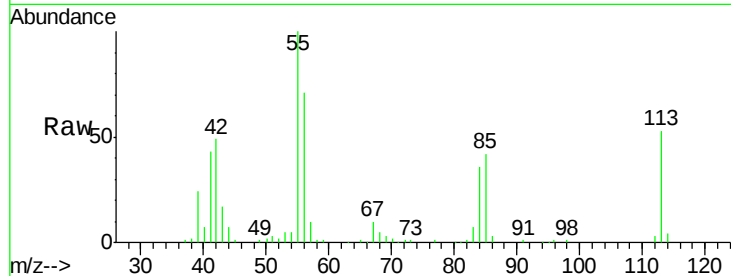
ClientSampleId :

PB106973BS

Tot Ion:113 Resp: 65821
 Ion Ratio Lower Upper
 113 100
 55 187.1 186.9 226.9
 56 132.4 130.9 170.9

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#36

4-Chloro-3-methylphenol

Concen: 52.749 ng

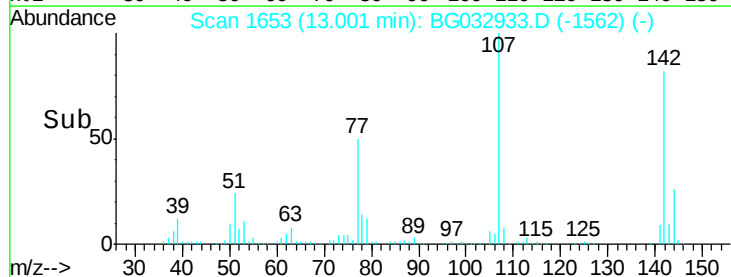
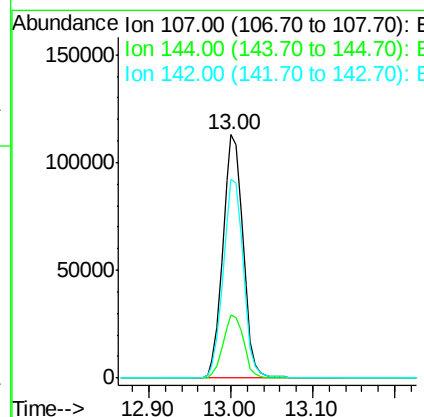
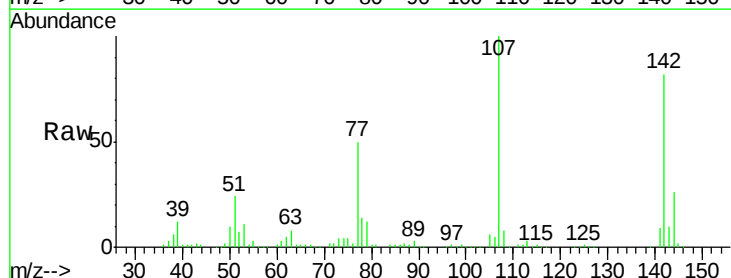
RT: 13.00 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Tgt Ion:107 Resp: 194996
 Ion Ratio Lower Upper
 107 100
 144 26.1 18.2 27.4
 142 81.7 59.0 88.4





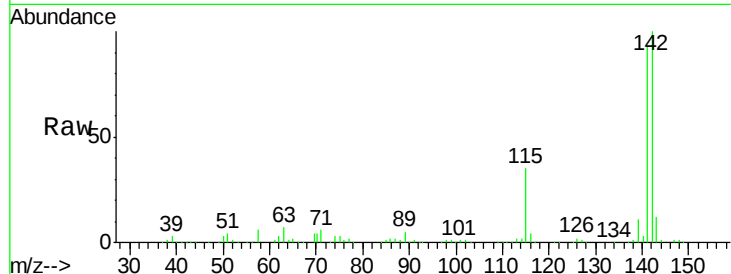
#37
2-Methylnaphthalene
Concen: 43.122 ng
RT: 13.41 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :
PB106973BS

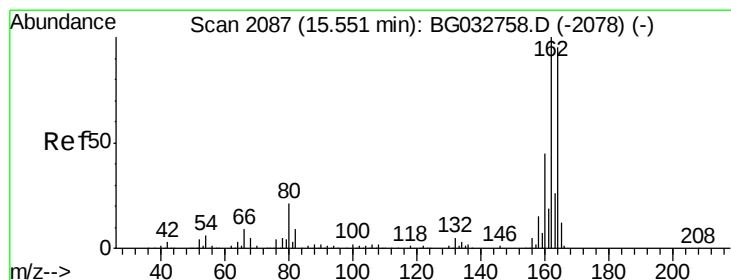
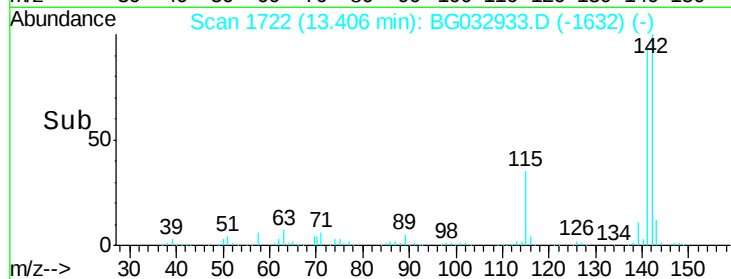
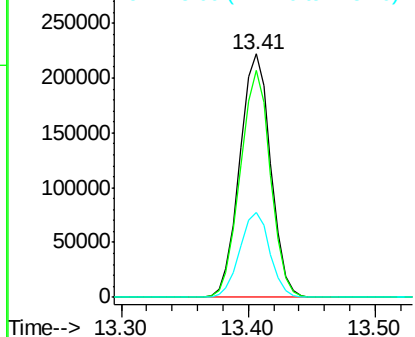
Tot Ion	Ion	Ratio	Lower	Upper
142	100			
141	93.1	67.1	100.7	
115	34.7	30.7	46.1	

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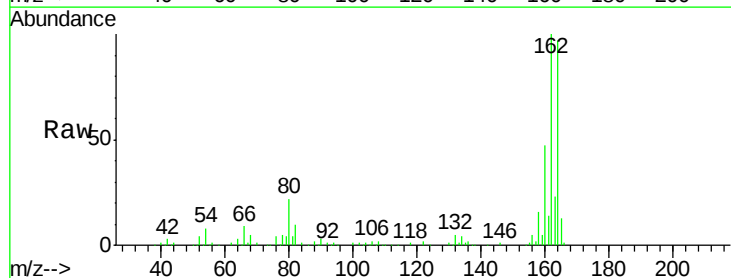


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

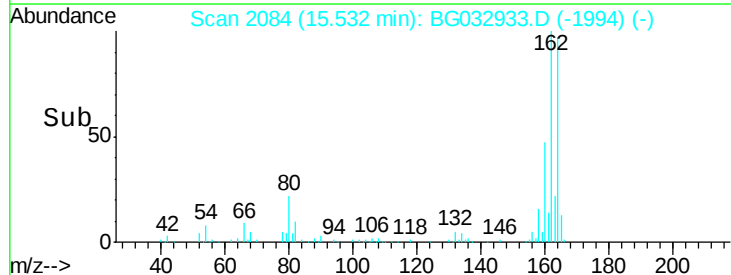
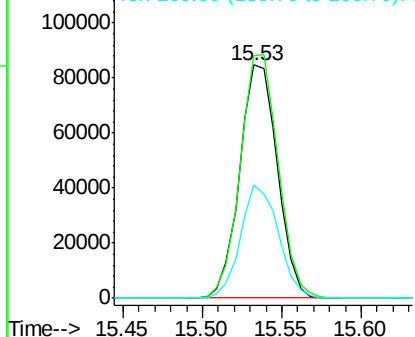


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion	Ion	Ratio	Lower	Upper
164	100			
162	103.6	78.8	118.2	
160	48.6	35.4	53.0	



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





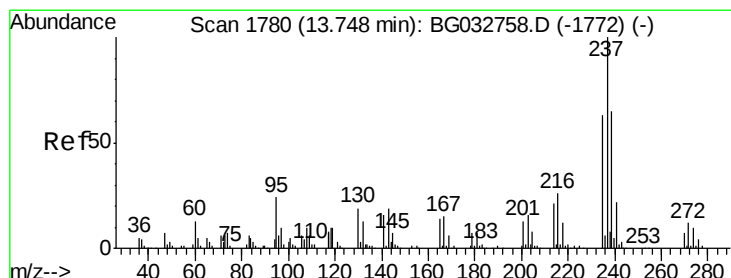
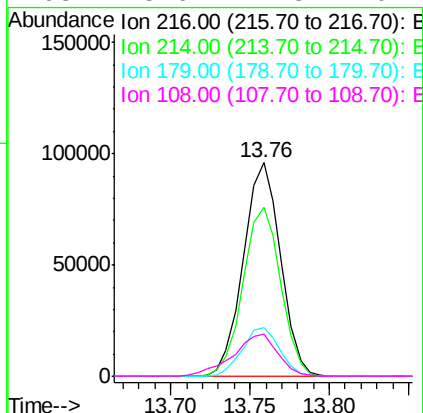
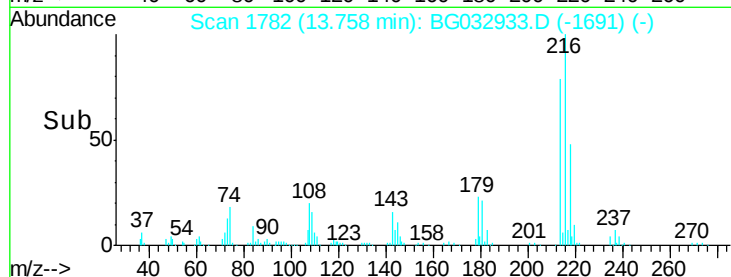
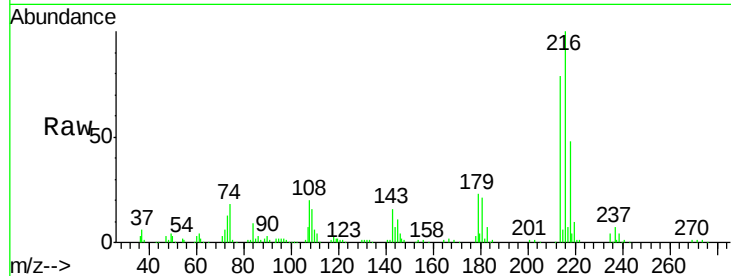
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.760 ng
 RT: 13.76 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Instrument :
 BNA_G
 ClientSampleId :
 PB106973BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	156666		
214	79.9	63.0	94.4	
179	22.8	17.0	25.6	
108	23.6	12.8	19.2	

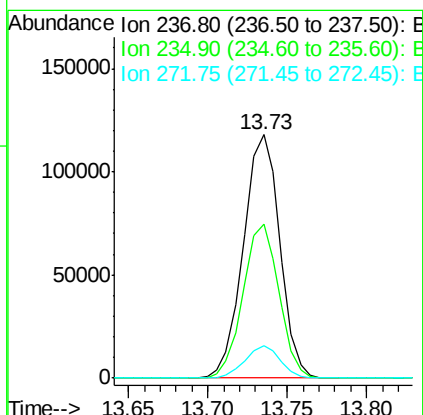
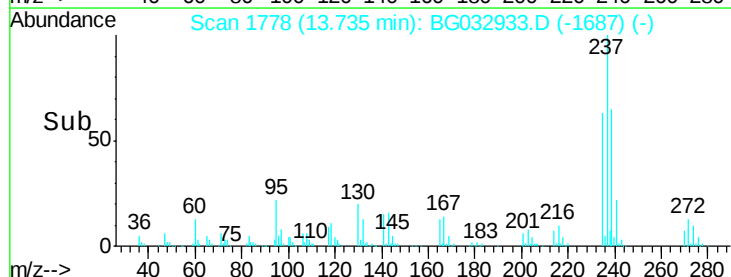
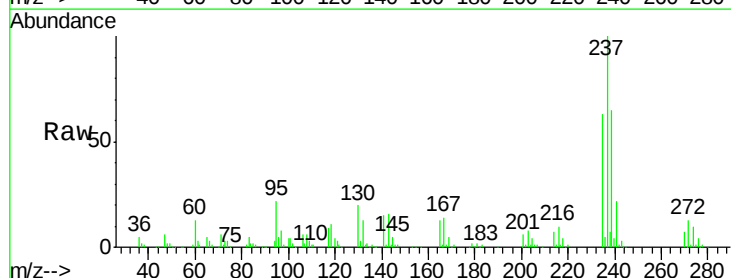
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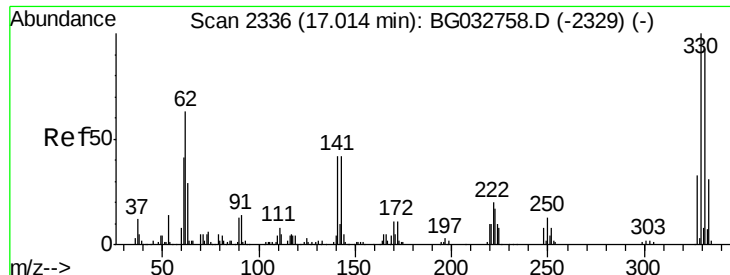
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#40
 Hexachlorocyclopentadiene
 Concen: 88.876 ng
 RT: 13.73 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	187924		
235	63.0	50.4	90.4	
272	13.5	0.0	31.8	





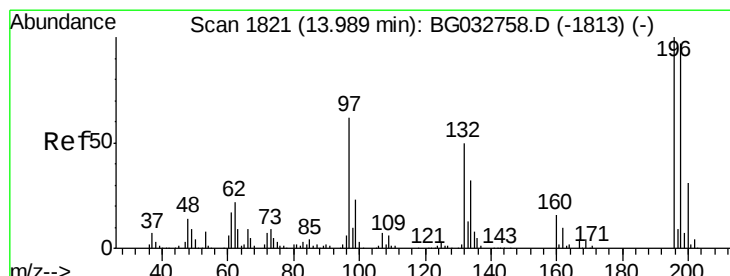
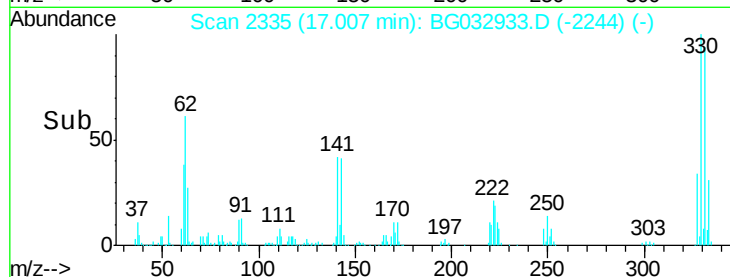
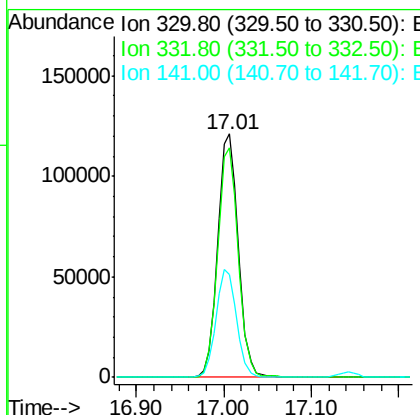
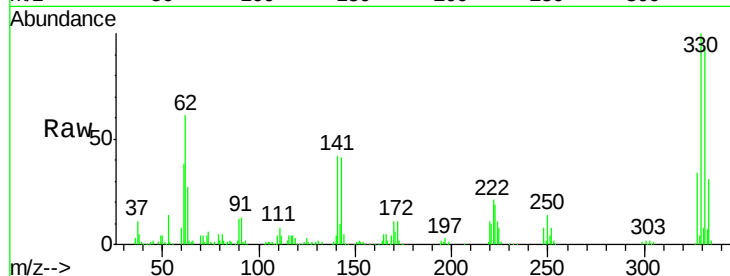
#41
 2,4,6-Tribromophenol
 Concen: 134.193 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. 0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Instrument :
 BNA_G
 ClientSampleId :
 PB106973BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	197206		
332	94.4	77.0	115.6	
141	44.2	25.2	37.8	

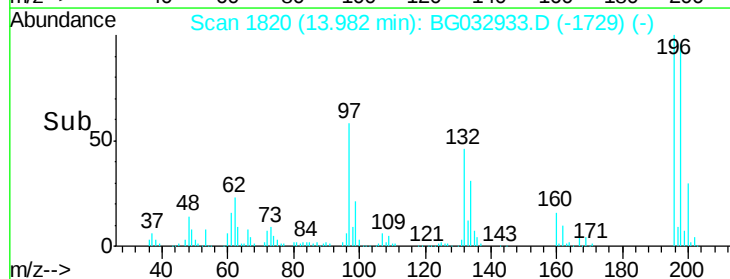
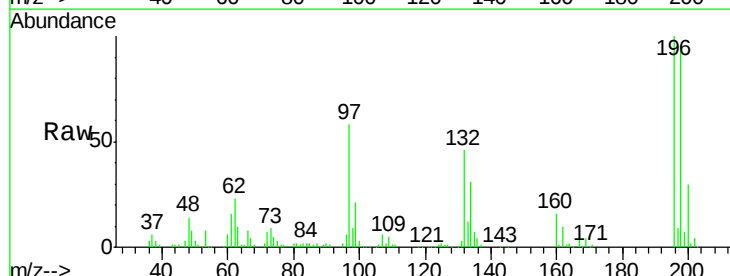
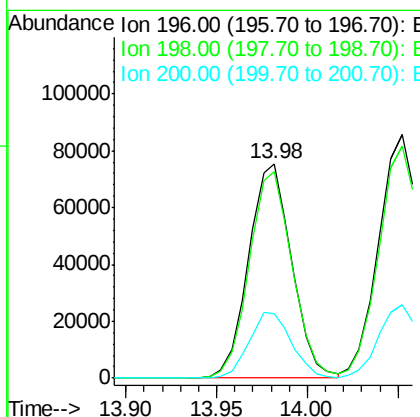
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 47.917 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	125374		
198	95.9	78.2	117.2	
200	29.9	24.6	36.8	





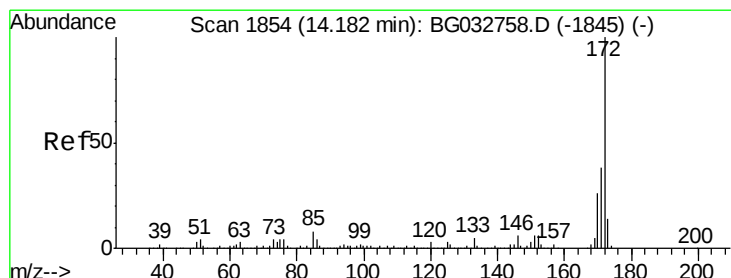
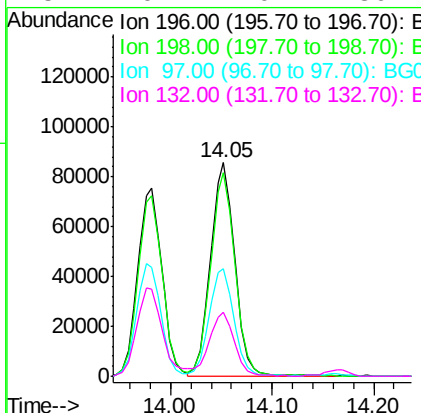
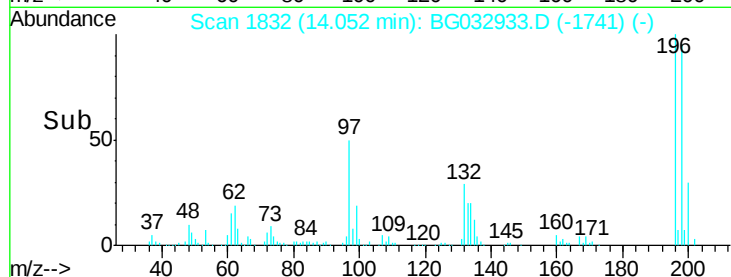
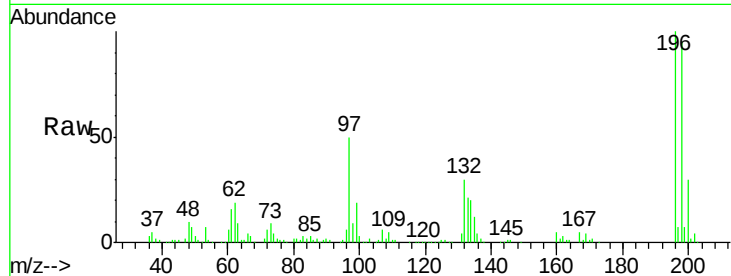
#43
 2,4,5-Trichlorophenol
 Concen: 46.674 ng
 RT: 14.05 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Instrument :
 BNA_G
 ClientSampleId :
 PB106973BS

Tot Ion:	196	Resp:	141342
Ion Ratio	Lower	Upper	
196	100		
198	95.2	76.2	114.4
97	50.4	38.7	58.1
132	29.7	20.2	30.2

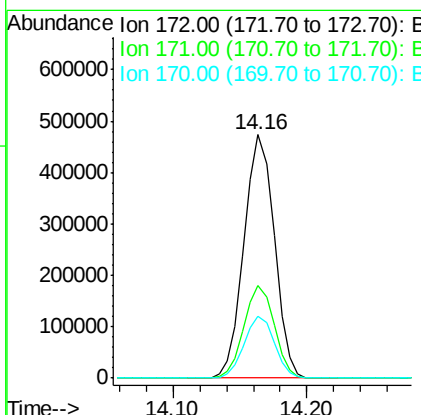
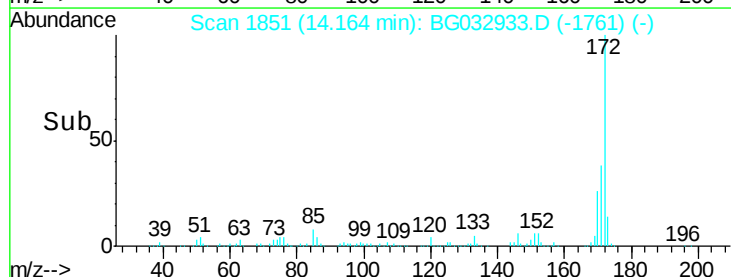
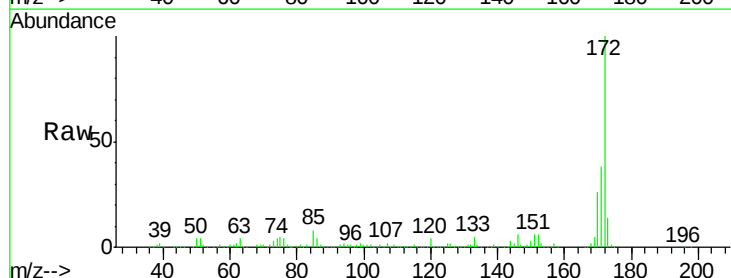
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 76.720 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Tgt Ion:	172	Resp:	743470
Ion Ratio	Lower	Upper	
172	100		
171	38.0	30.0	45.0
170	25.5	19.5	29.3





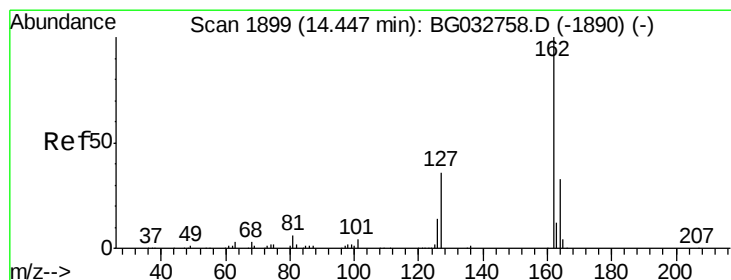
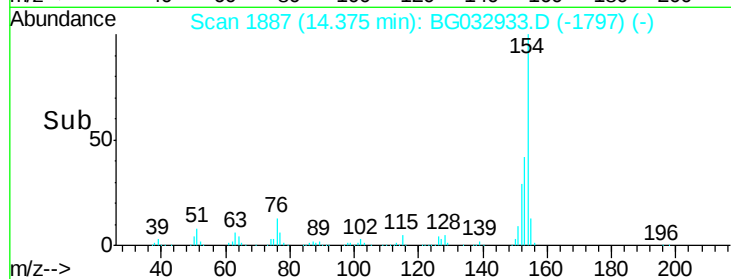
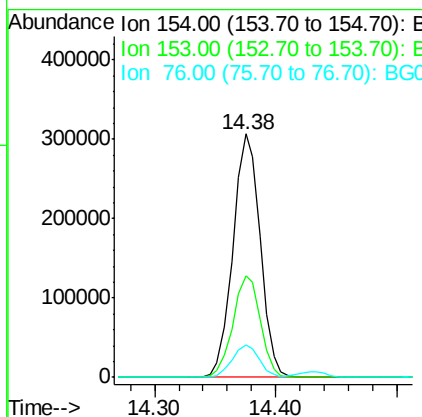
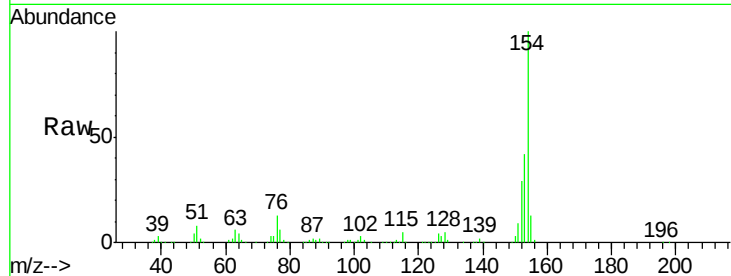
#45
 1,1'-Biphenyl
 Concen: 39.310 ng
 RT: 14.38 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Instrument :
 BNA_G
 ClientSampleId :
 PB106973BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	19.8	59.8
76	13.3	0.0	31.9

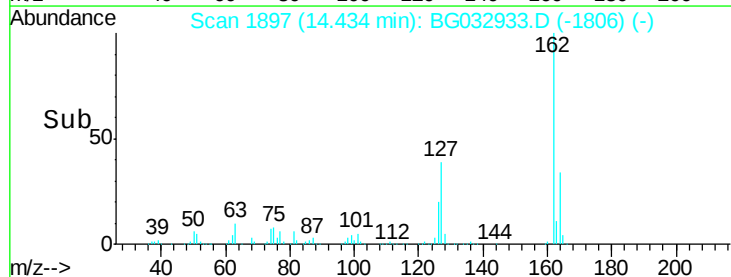
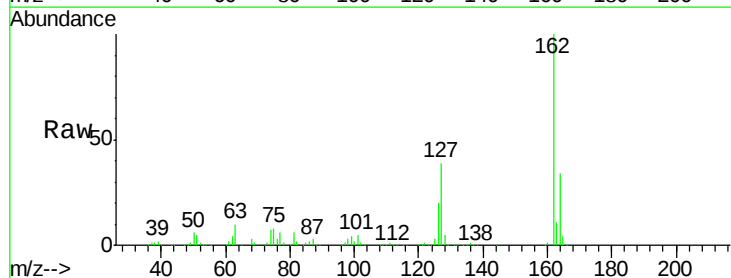
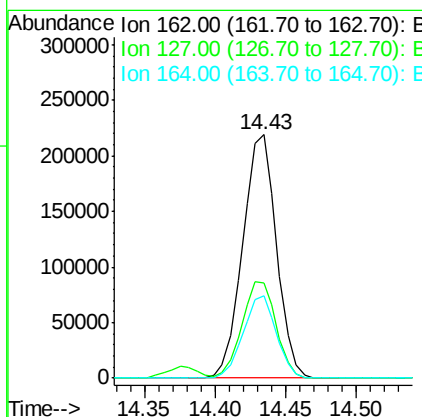
Manual Integrations
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#46
 2-Chloronaphthalene
 Concen: 40.132 ng
 RT: 14.43 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.2	30.7	46.1
164	33.7	26.0	39.0





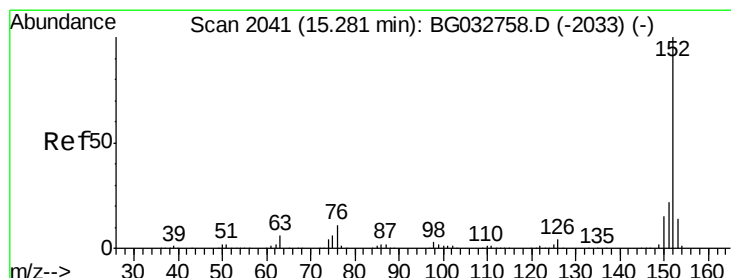
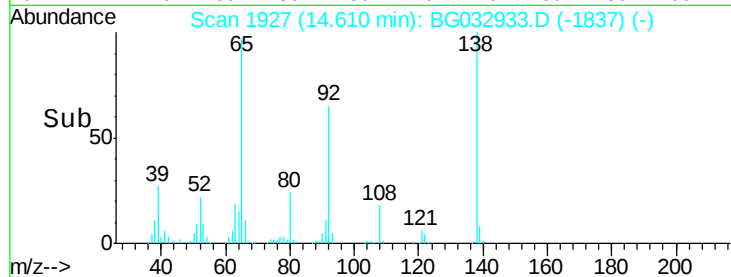
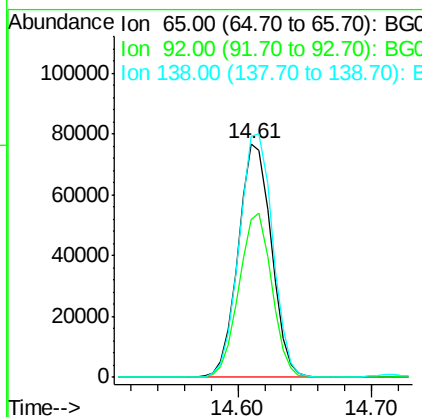
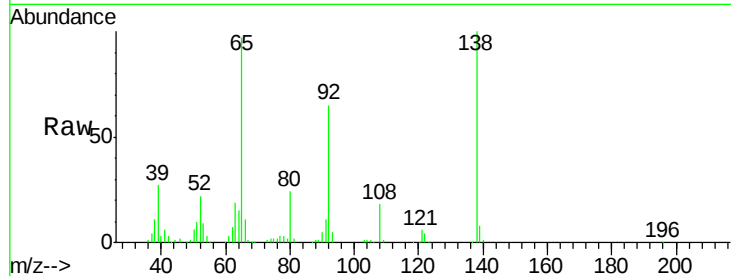
#47
2-Nitroaniline
Concen: 55.512 ng
RT: 14.61 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :
PB106973BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.4	54.6	82.0
138	103.0	72.9	109.3

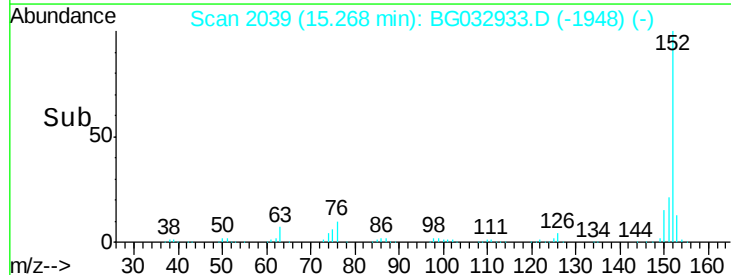
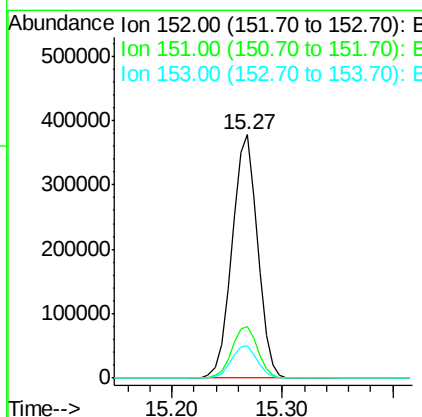
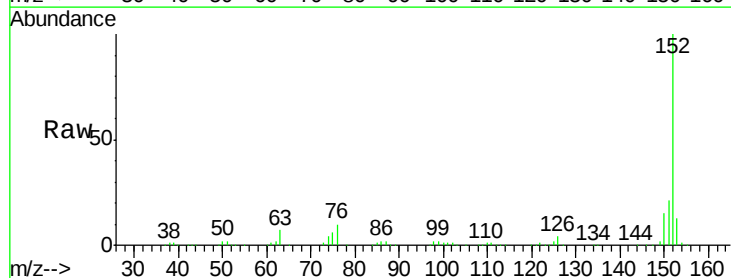
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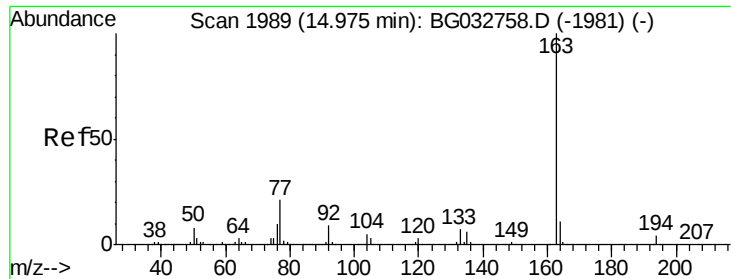
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#48
Acenaphthylene
Concen: 40.840 ng
RT: 15.27 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.2	25.8
153	13.2	10.2	15.4





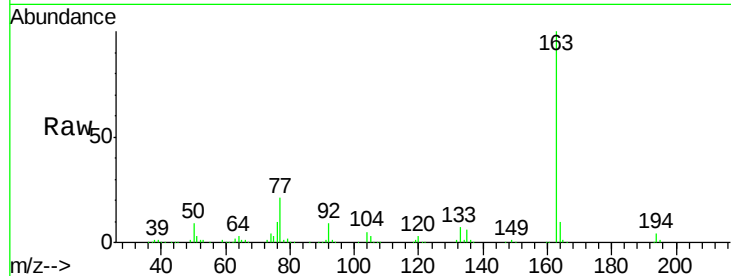
#49
Dimethylphthalate
Concen: 42.317 ng
RT: 14.96 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :
PB106973BS

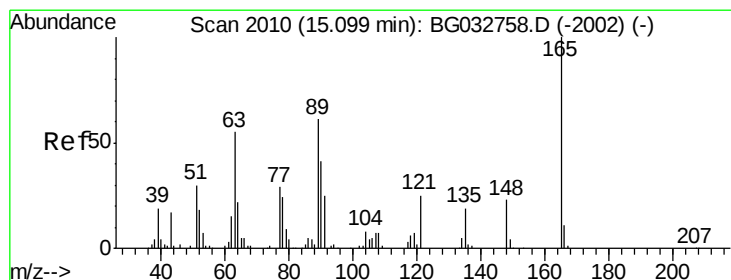
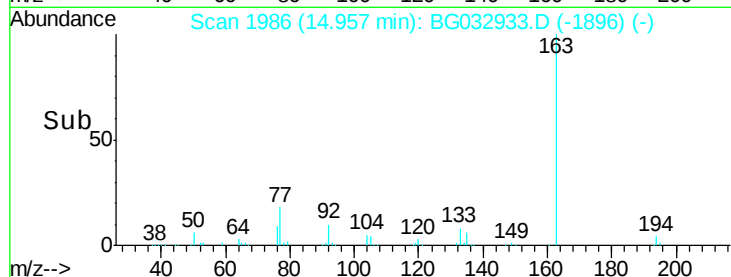
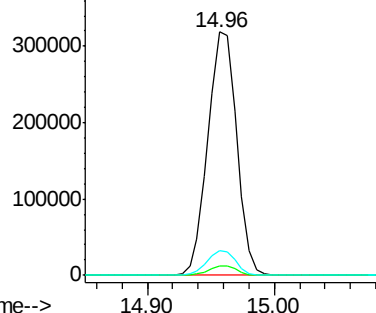
Tot Ion	Ratio	Resp	Lower	Upper
163	100	502187		
194	4.0		3.4	5.2
164	10.3		8.2	12.4

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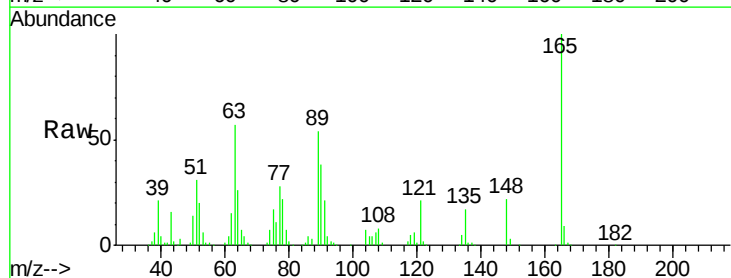


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

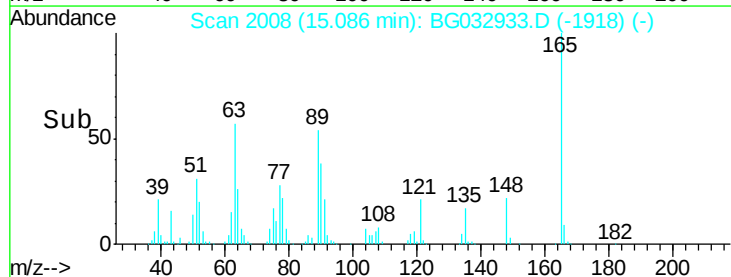
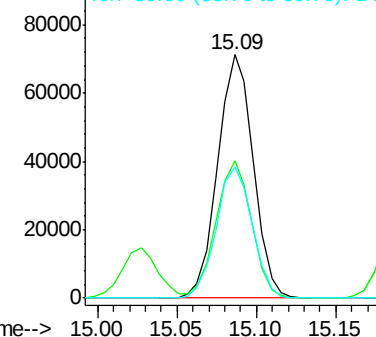


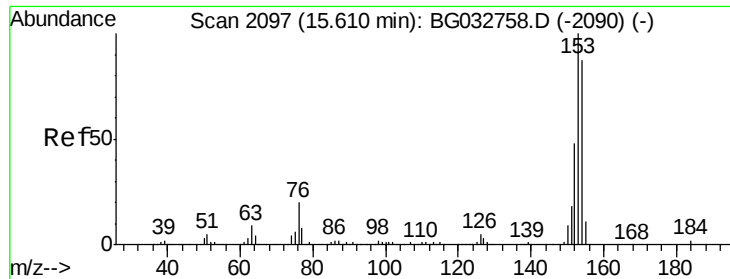
#50
2,6-Dinitrotoluene
Concen: 54.851 ng
RT: 15.09 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	110802		
63	56.6		52.7	79.1
89	53.9		49.2	73.8



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





#51

Acenaphthene

Concen: 40.219 ng

RT: 15.60 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

ClientSampleId :

PB106973BS

Tot Ion:154 Resp: 374129

Ion Ratio Lower Upper

154 100

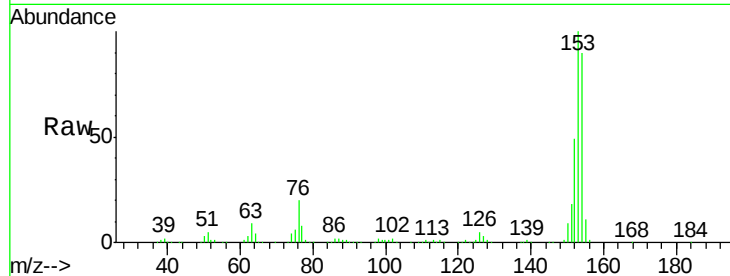
153 111.6 90.4 135.6

152 54.1 41.6 62.4

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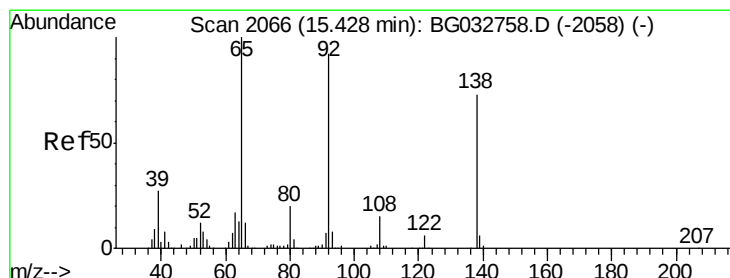
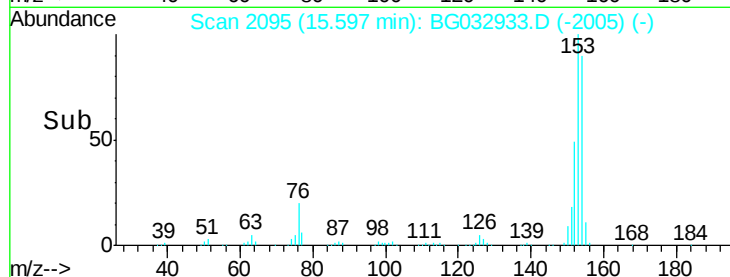
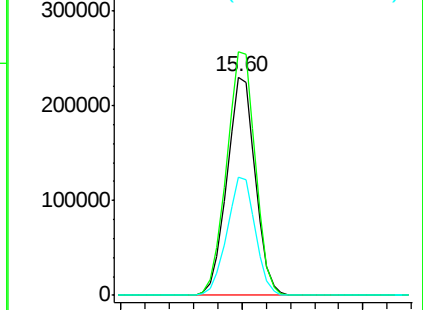
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.188 ng

RT: 15.41 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

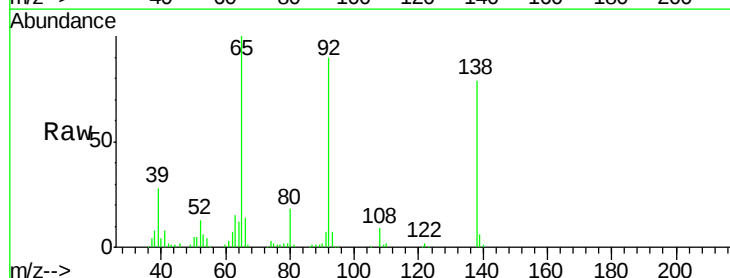
Tgt Ion:138 Resp: 76818

Ion Ratio Lower Upper

138 100

108 11.2 17.5 26.3#

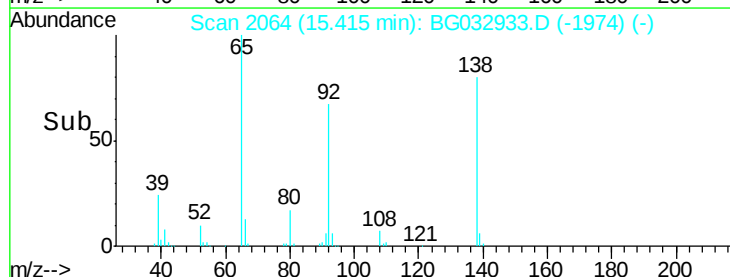
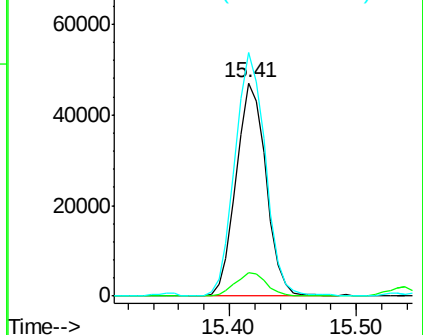
92 114.2 105.8 158.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





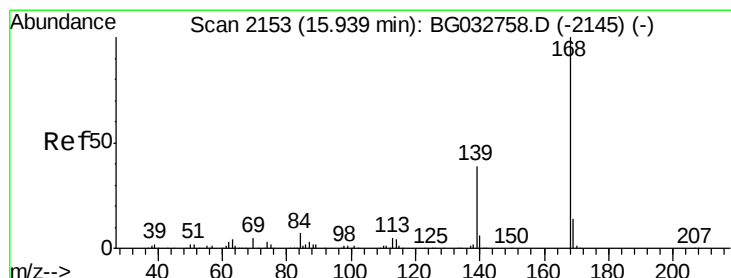
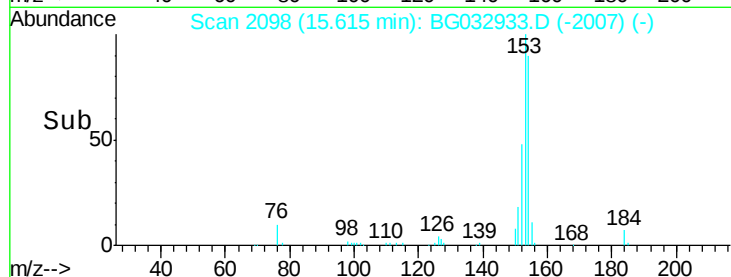
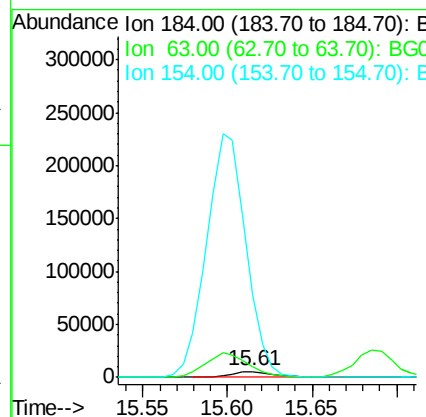
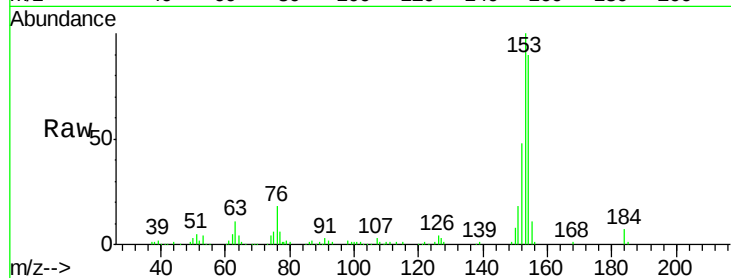
#53
 2,4-Dinitrophenol
 Concen: 23.776 ng
 RT: 15.61 min Scan# 2098
 Delta R.T. 0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Instrument :
 BNA_G
 ClientSampleId :
 PB106973BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	166.0	59.8	89.8#
154	1361.8	101.8	152.8

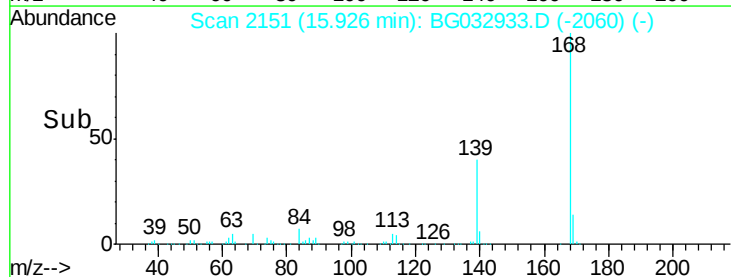
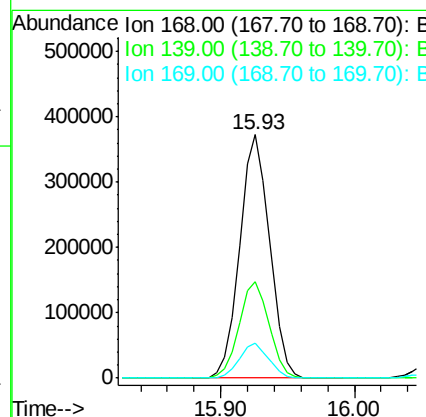
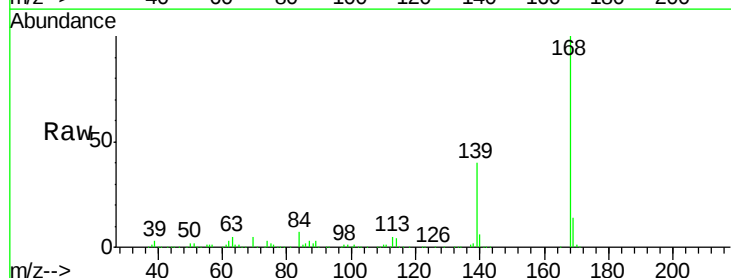
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#54
 Dibenzofuran
 Concen: 43.476 ng
 RT: 15.93 min Scan# 2151
 Delta R.T. 0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.9	28.6	43.0
169	14.4	11.2	16.8





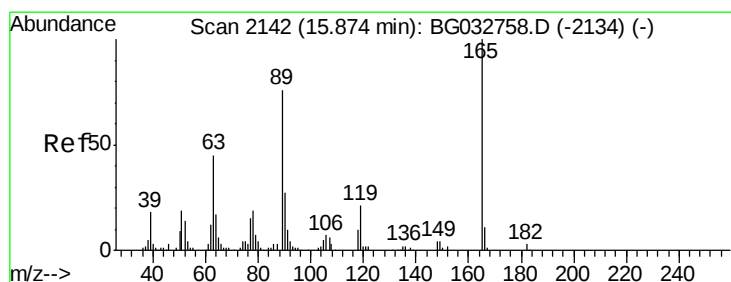
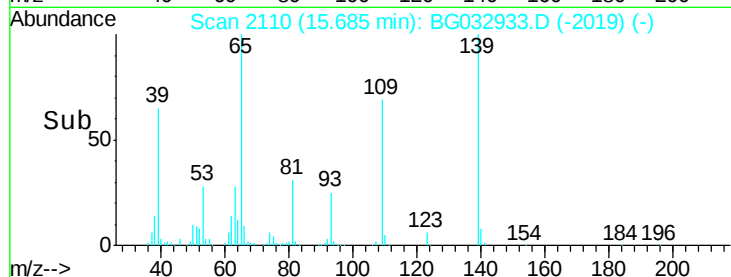
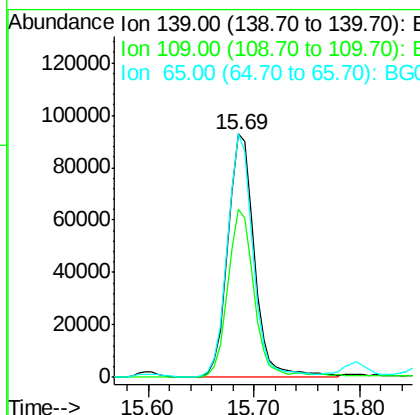
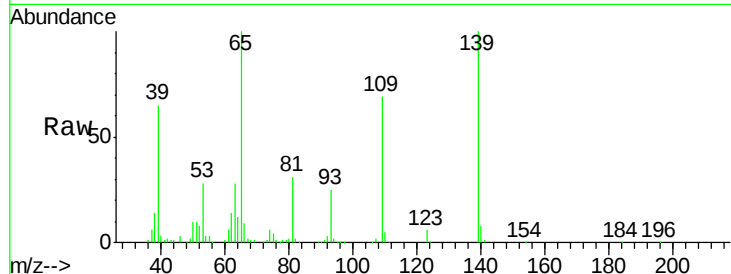
#55
4-Nitrophenol
Concen: 82.556 ng
RT: 15.69 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :
PB106973BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	68.9	62.2	102.2	
65	100.1	97.2	137.2	

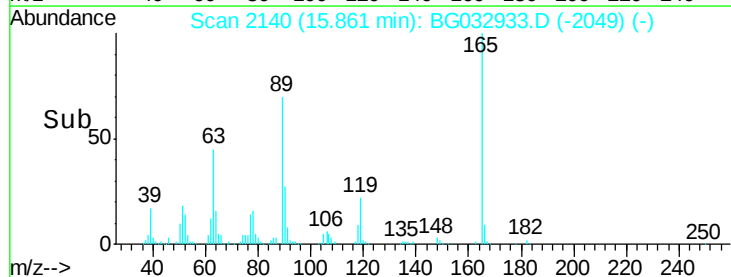
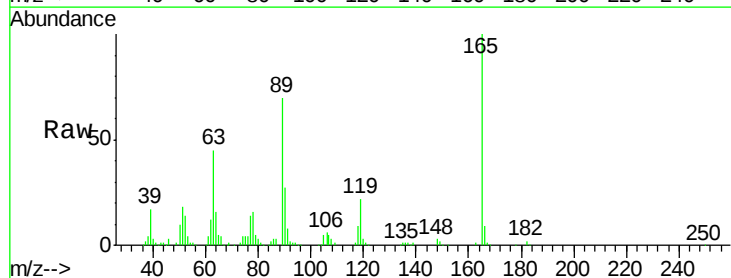
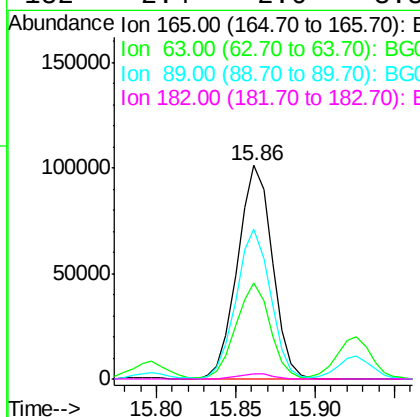
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#56
2,4-Dinitrotoluene
Concen: 62.172 ng
RT: 15.86 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.9	42.0	63.0	
89	70.0	66.9	100.3	
182	2.4	2.6	3.8#	





#57

Fluorene

Concen: 43.200 ng

RT: 16.57 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

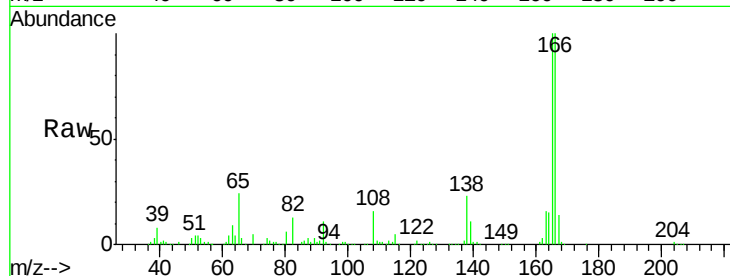
ClientSampleId :

PB106973BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	100.0	80.6	121.0		
167	14.3	10.4	15.6		

Manual Integrations
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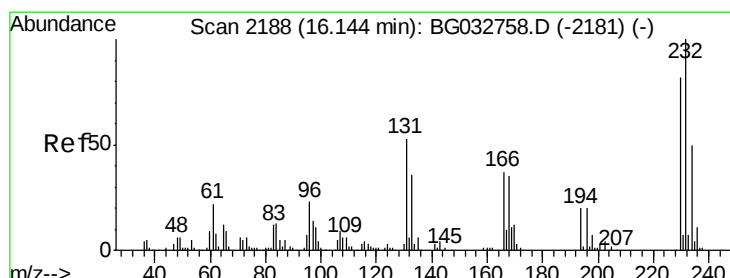
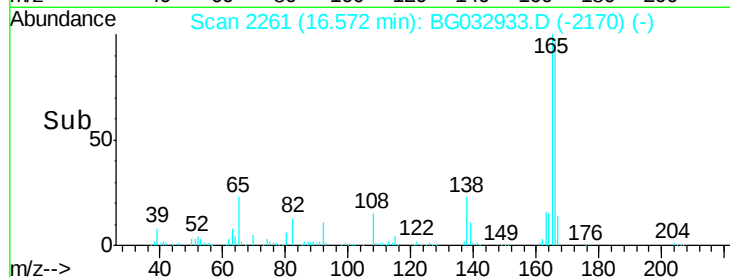
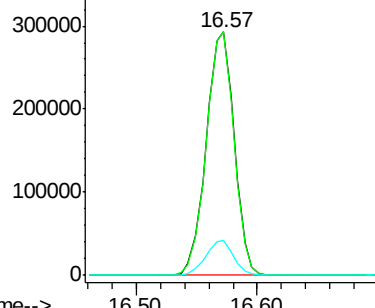


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.489 ng m

RT: 16.14 min Scan# 2187

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	42.9	33.5	50.3		
130	2.9	2.2	3.2		
166	26.3	24.8	37.2		

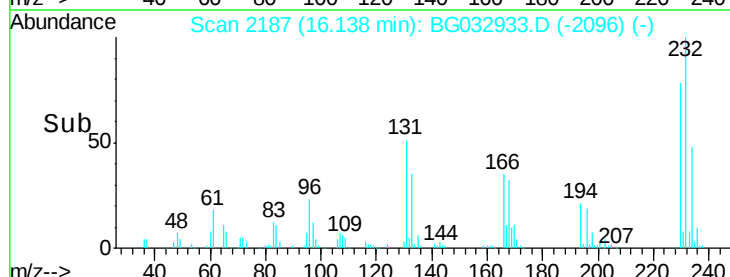
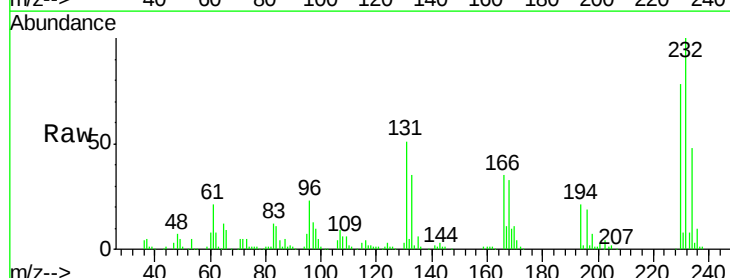
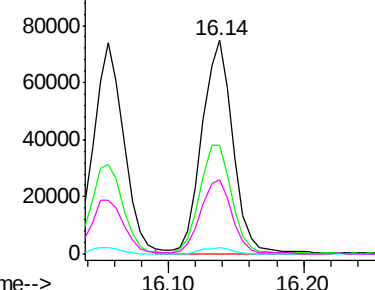
Abundance

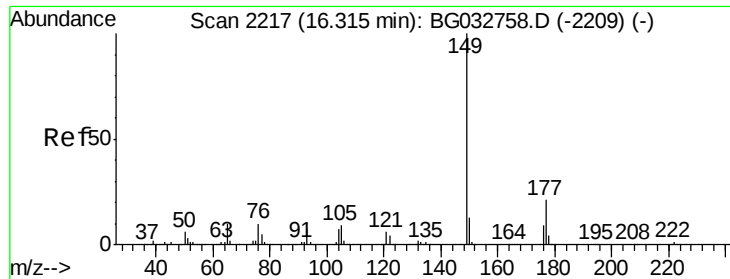
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





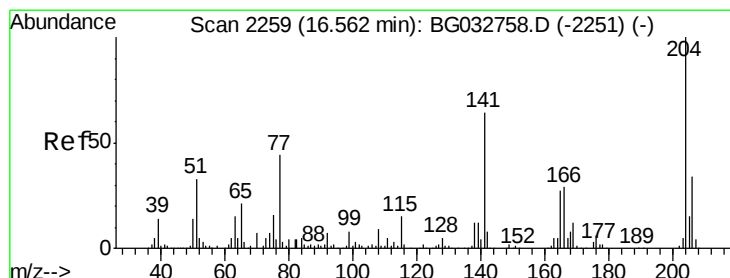
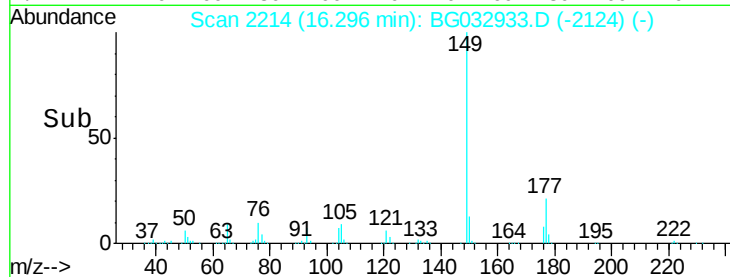
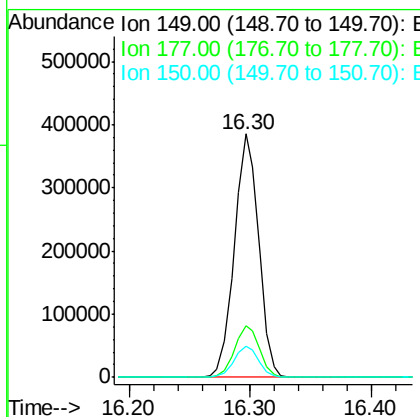
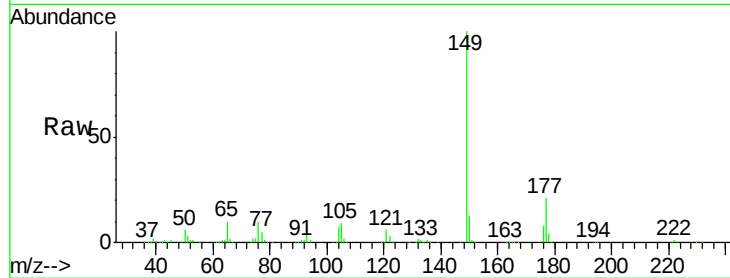
#59
Diethylphthalate
Concen: 42.934 ng
RT: 16.30 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :
PB106973BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	18.5	27.7
150	12.8	10.2	15.2

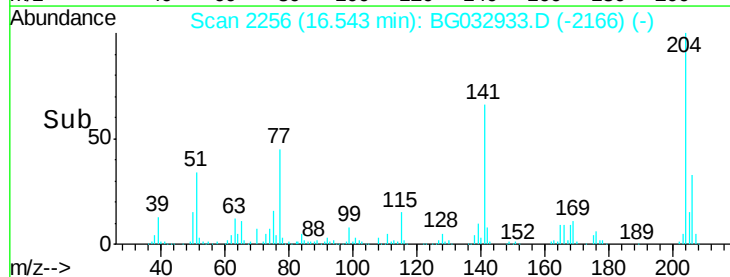
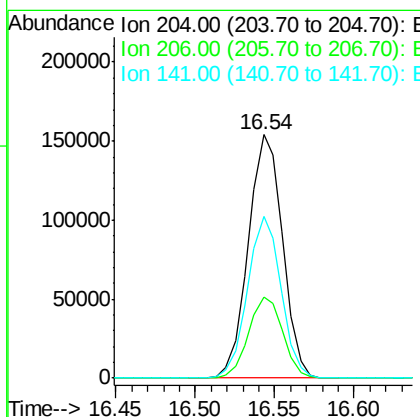
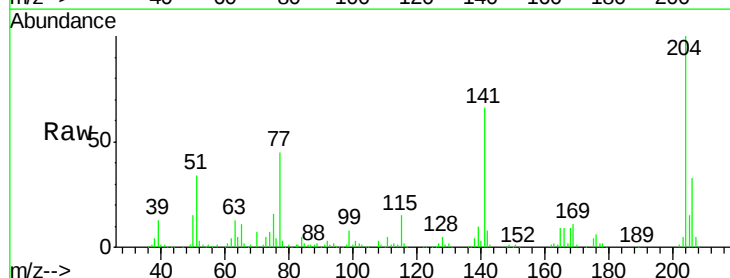
Manual Integrations
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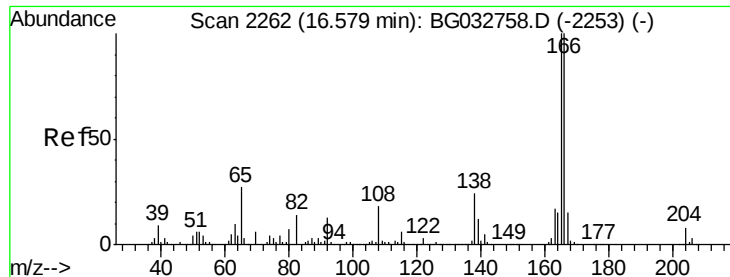
Sohil
3/2/2018 3:29:08 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.217 ng
RT: 16.54 min Scan# 2256
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	66.4	45.8	68.6





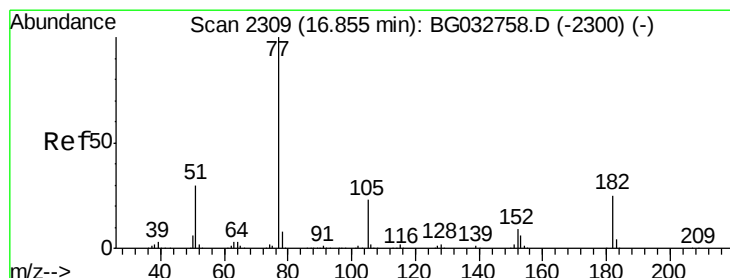
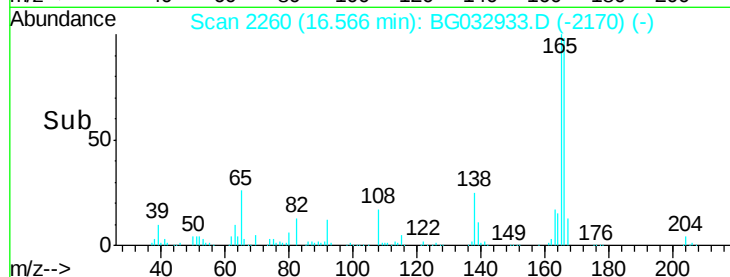
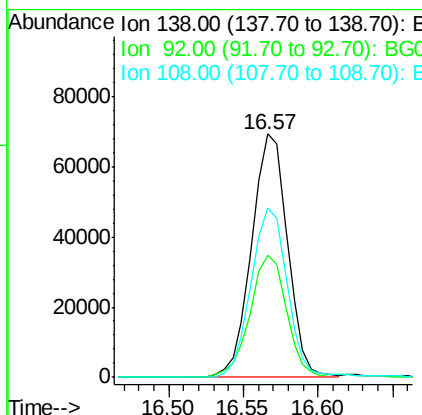
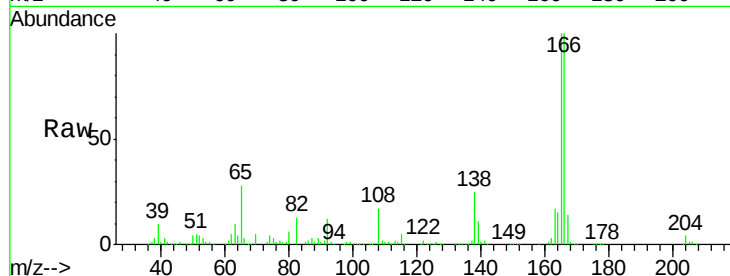
#61
4-Nitroaniline
Concen: 45.345 ng
RT: 16.57 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :
PB106973BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.4	40.1	80.1
108	69.4	65.4	105.4

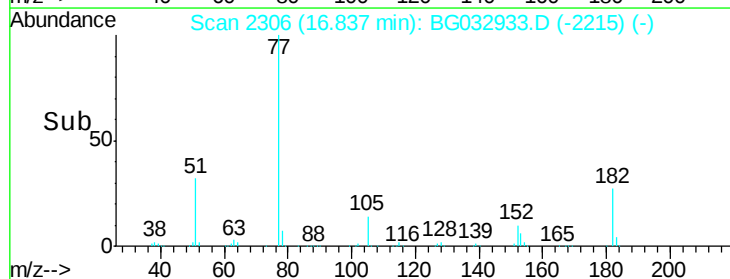
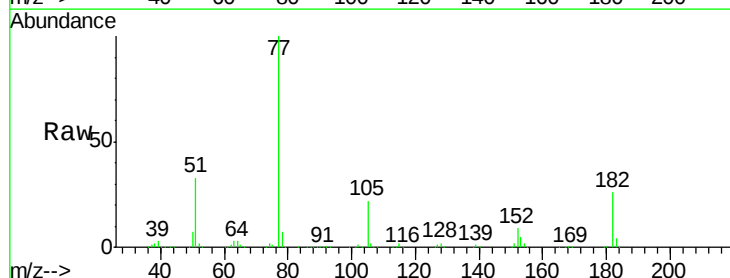
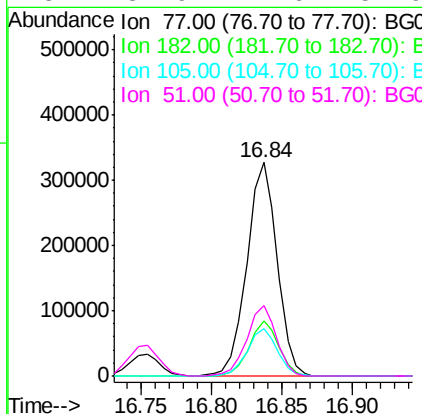
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#62
Azobenzene
Concen: 43.704 ng
RT: 16.84 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.5	7.4	47.4
105	22.3	0.3	40.3
51	32.9	11.6	51.6





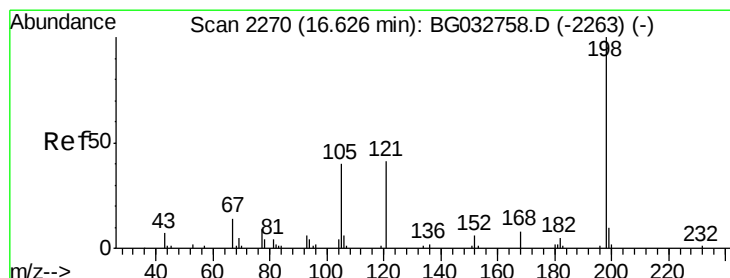
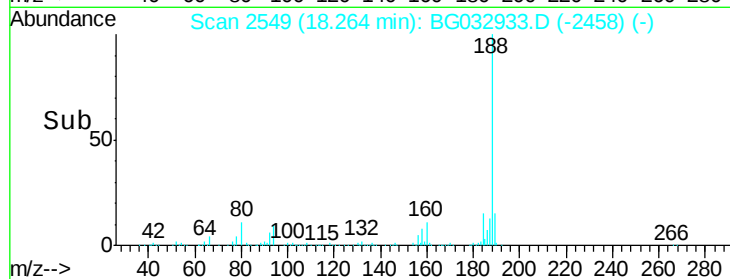
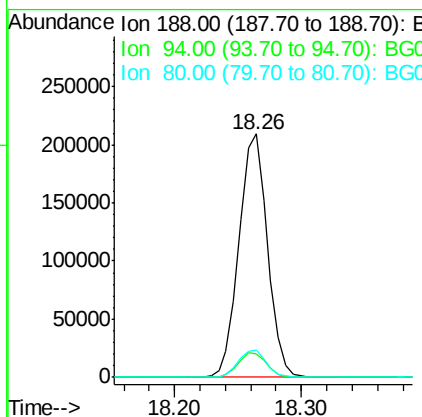
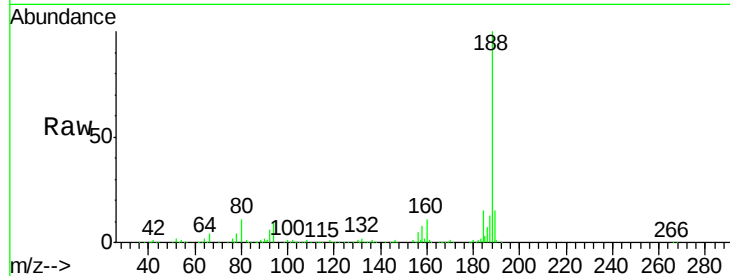
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :
PB106973BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.8	6.9	10.3
80	11.3	7.7	11.5

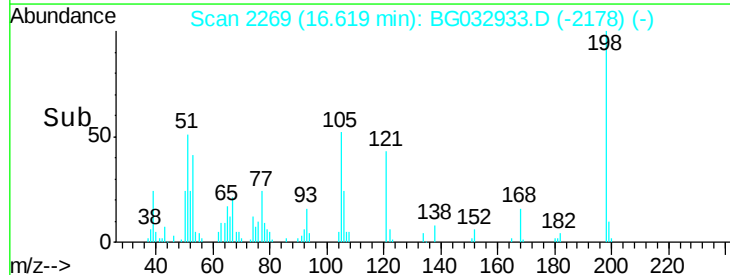
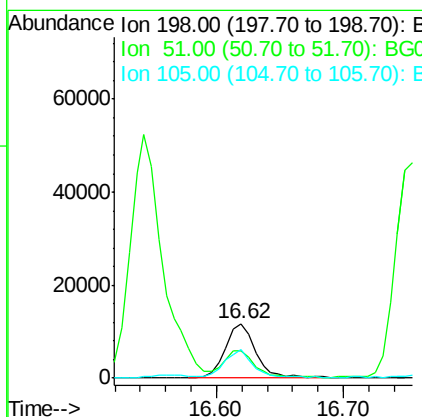
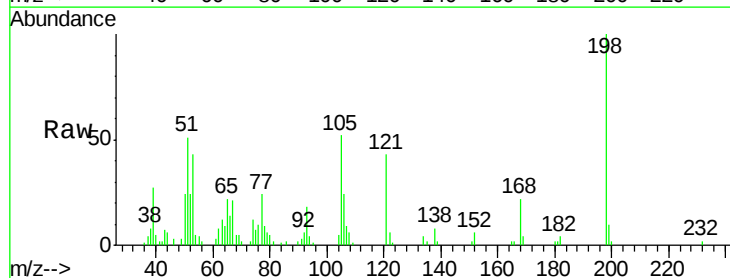
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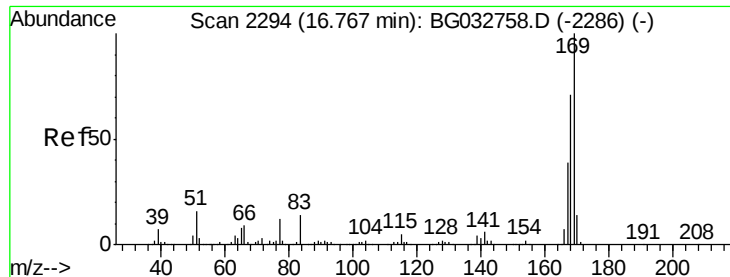
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 26.553 ng
RT: 16.62 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	51.2	30.6	70.6
105	52.1	23.8	63.8





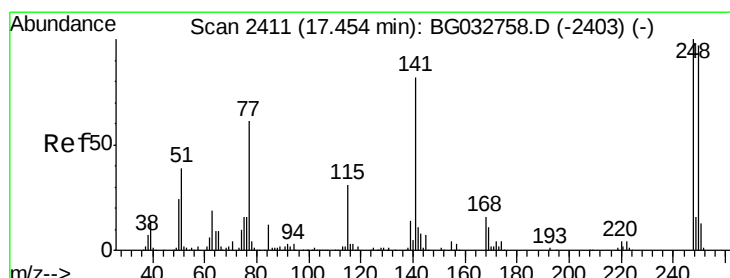
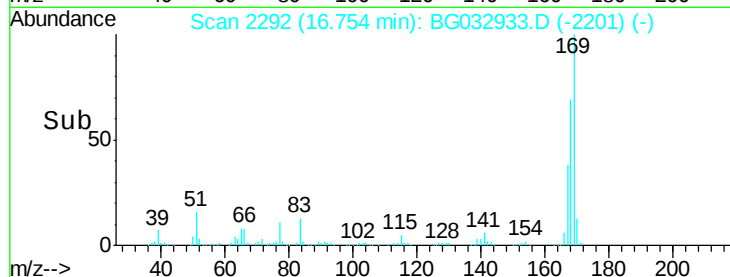
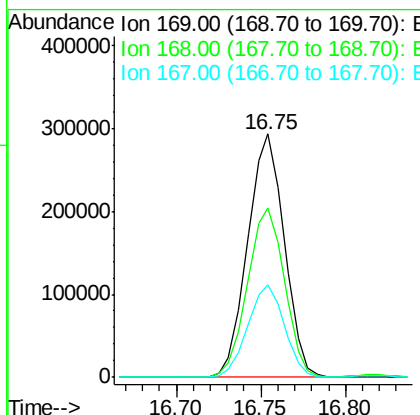
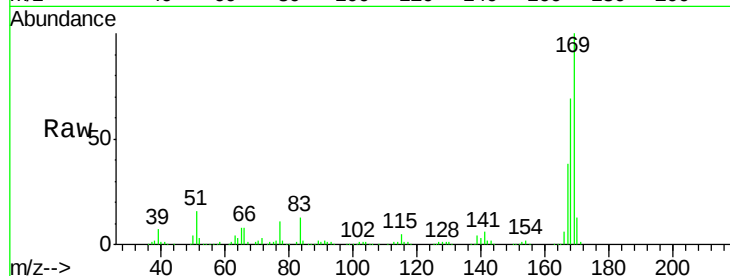
#65
n-Nitrosodiphenylamine
Concen: 41.837 ng
RT: 16.75 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :
PB106973BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
442422	169	100			
	168	69.3		55.7	83.5
	167	38.2		30.1	45.1

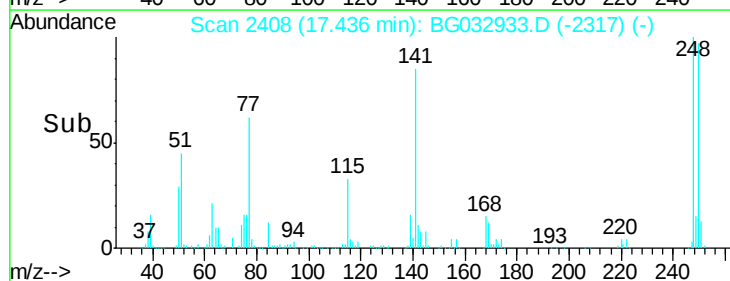
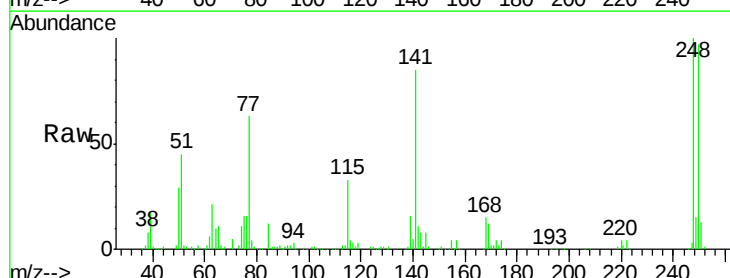
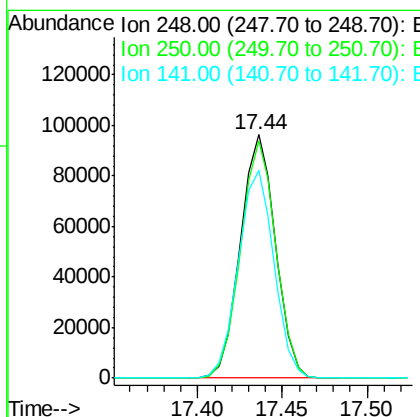
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#66
4-Bromophenyl-phenylether
Concen: 40.424 ng
RT: 17.44 min Scan# 2408
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
138945	248	100			
	250	97.2		77.1	115.7
	141	85.2		50.8	76.2





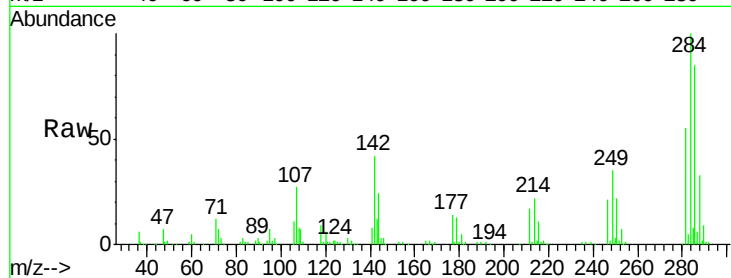
#67
Hexachlorobenzene
Concen: 38.712 ng
RT: 17.57 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :
PB106973BS

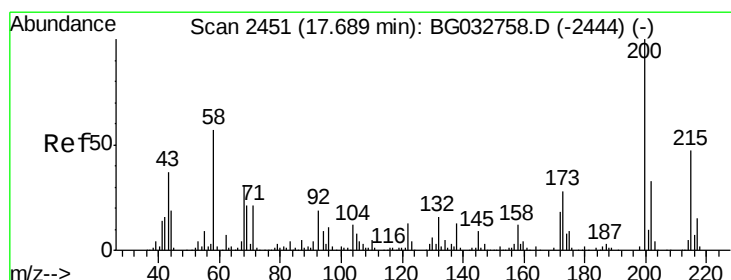
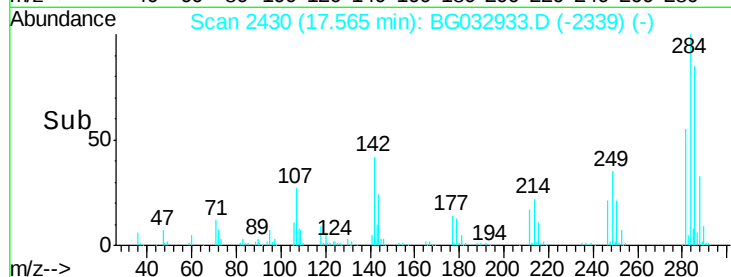
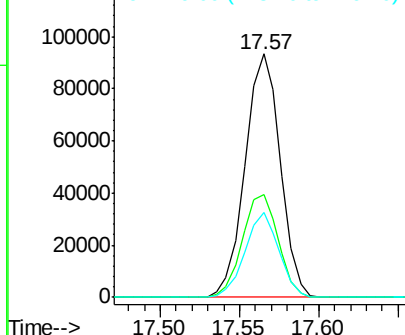
Tot Ion	Ratio	Resp	Lower	Upper
284	100	143795		
142	42.4	26.8	40.2	#
249	35.0	26.3	39.5	

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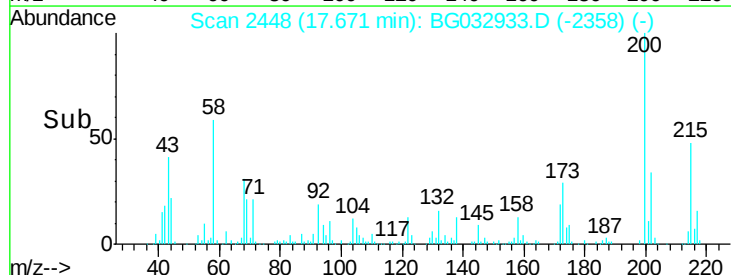
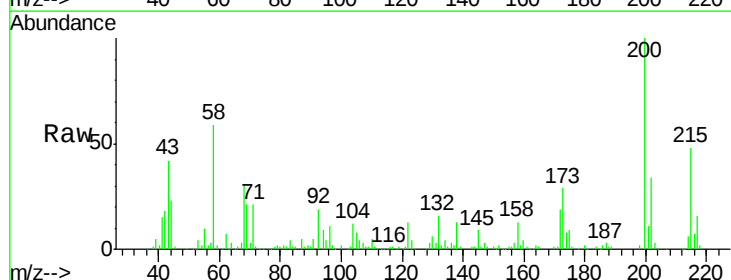
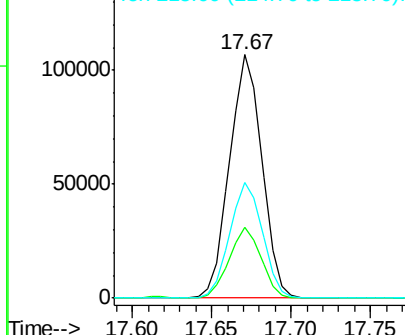
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

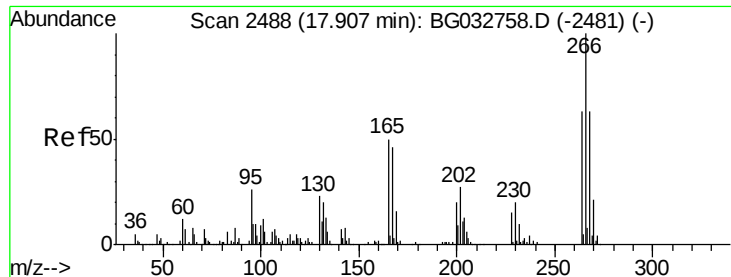


#68
Atrazine
Concen: 43.430 ng
RT: 17.67 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	151174		
173	29.2	5.2	45.2	
215	47.6	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





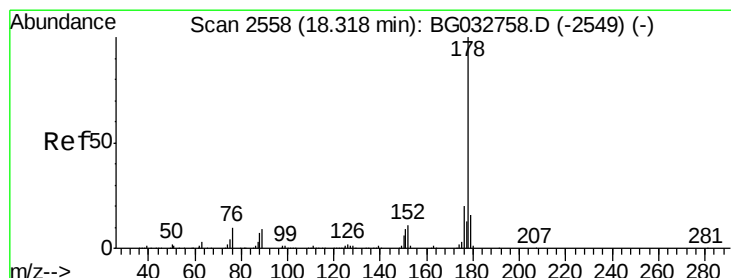
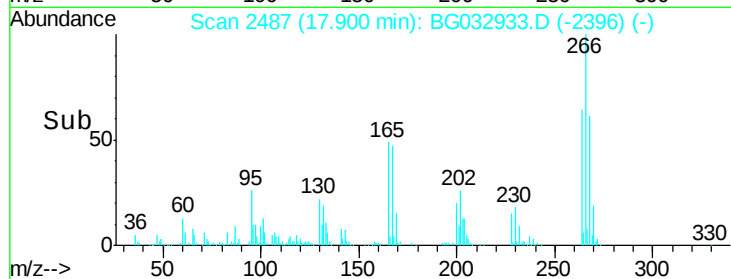
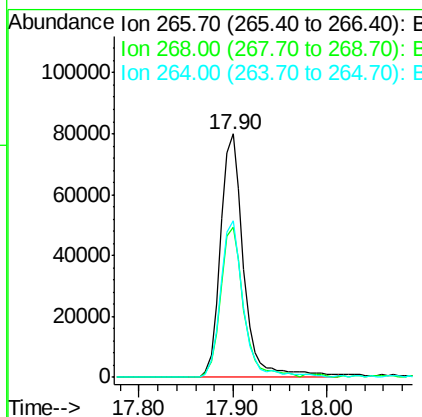
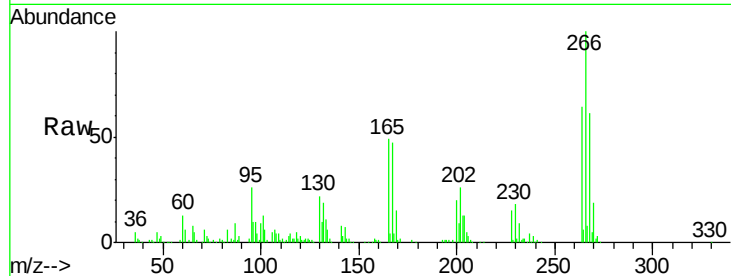
#69
 Pentachlorophenol
 Concen: 58.775 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Instrument :
 BNA_G
 ClientSampled :
 PB106973BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	137514		
268	61.4	51.1	76.7	
264	64.1	49.6	74.4	

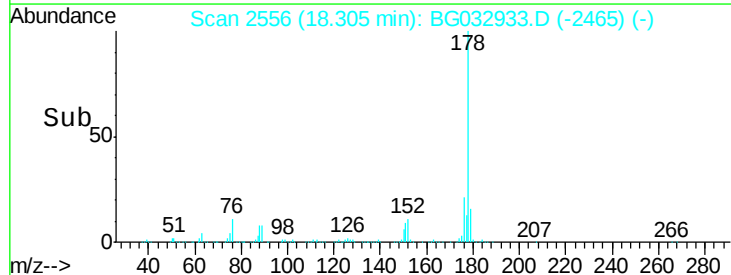
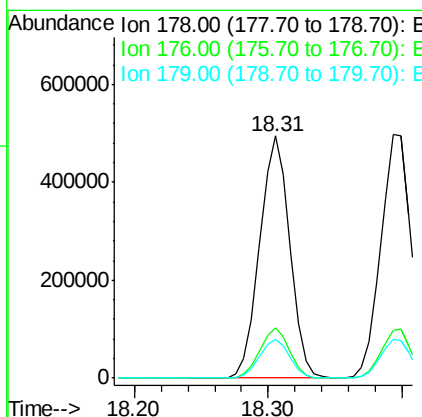
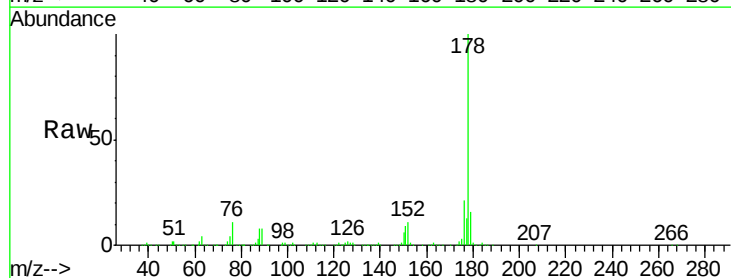
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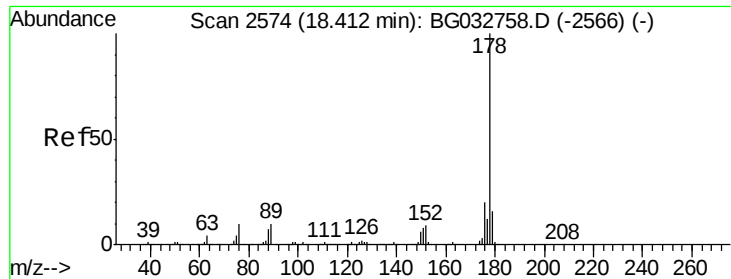
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#70
 Phenanthrene
 Concen: 42.287 ng
 RT: 18.31 min Scan# 2556
 Delta R.T. 0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	766895		
176	20.6	15.7	23.5	
179	15.9	12.5	18.7	





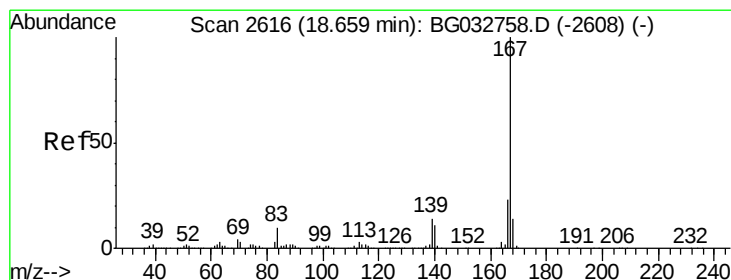
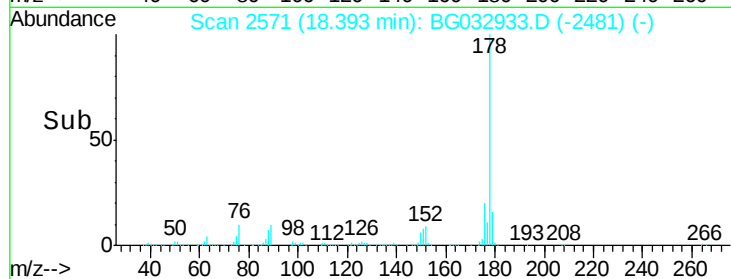
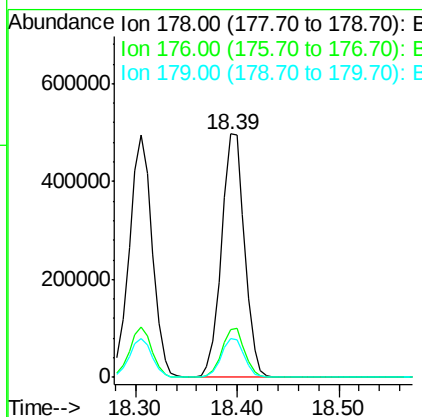
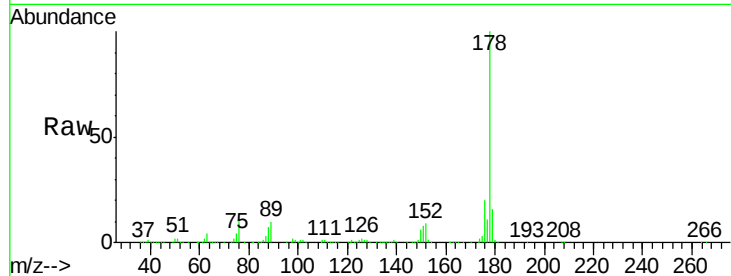
#71
 Anthracene
 Concen: 43.139 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Instrument :
 BNA_G
 ClientSampleId :
 PB106973BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.0	12.5	18.7

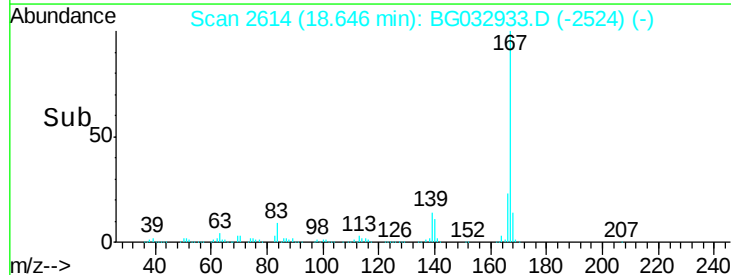
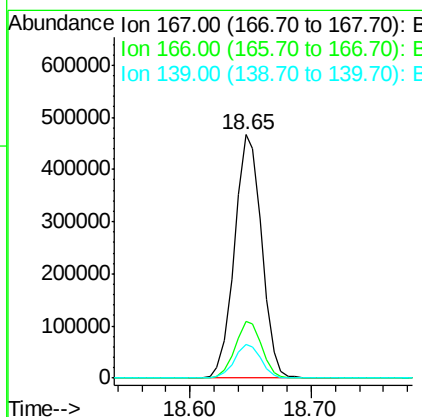
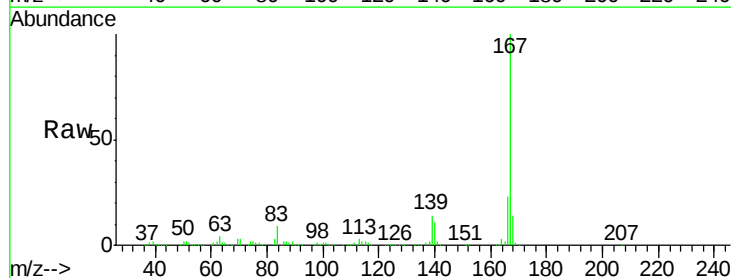
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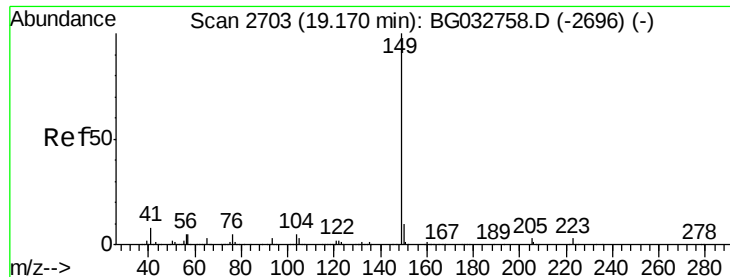
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#72
 Carbazole
 Concen: 40.841 ng
 RT: 18.65 min Scan# 2614
 Delta R.T. -0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.2	27.4
139	13.6	9.4	14.2





#73

Di-n-butylphthalate

Concen: 41.524 ng

RT: 19.15 min Scan# 2700

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

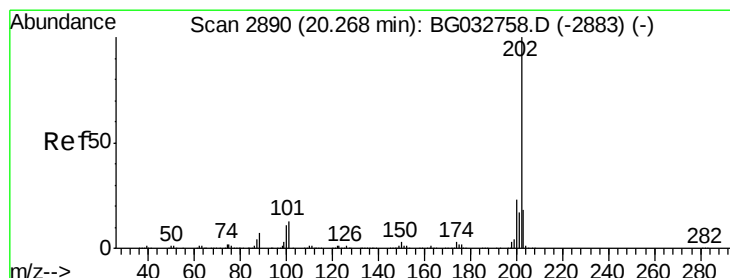
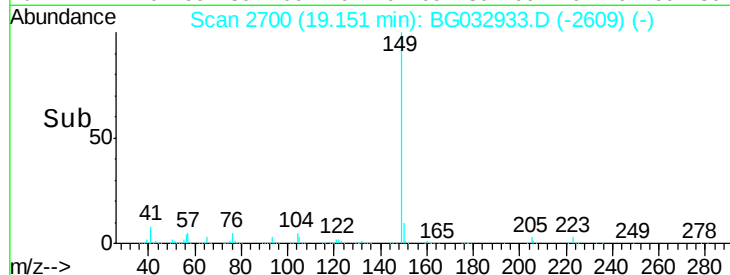
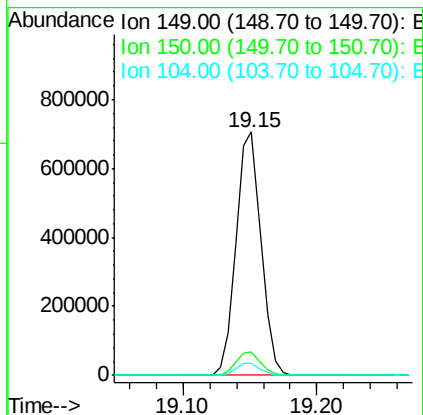
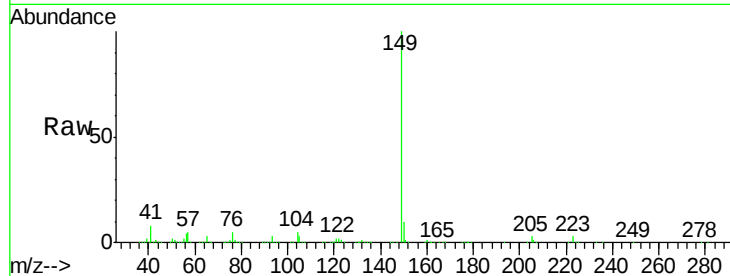
ClientSampleId :

PB106973BS

Tot Ion:	149	Resp:	914206
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	4.9	3.9	5.9

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#74

Fluoranthene

Concen: 42.350 ng

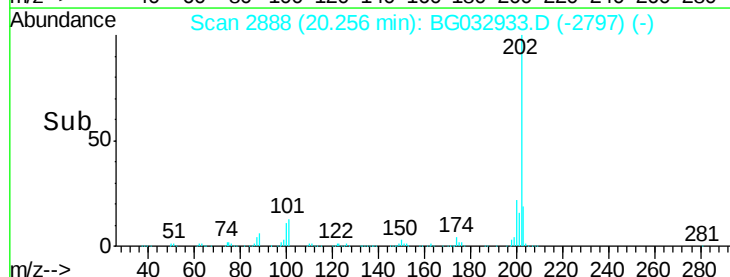
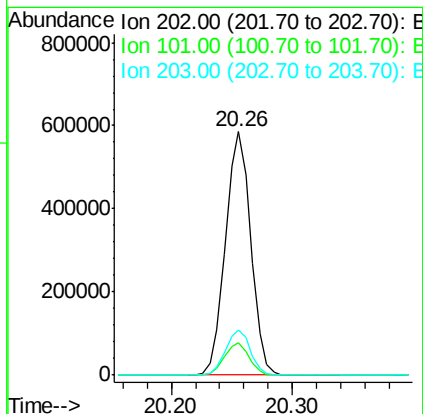
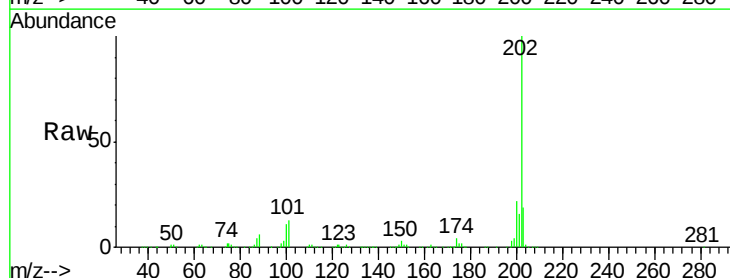
RT: 20.26 min Scan# 2888

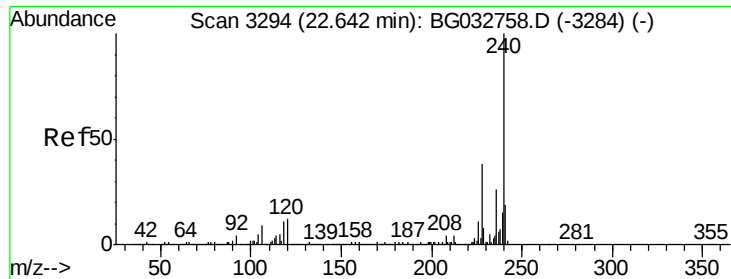
Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Tgt Ion:	202	Resp:	848399
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	28.9
203	18.6	0.0	37.5





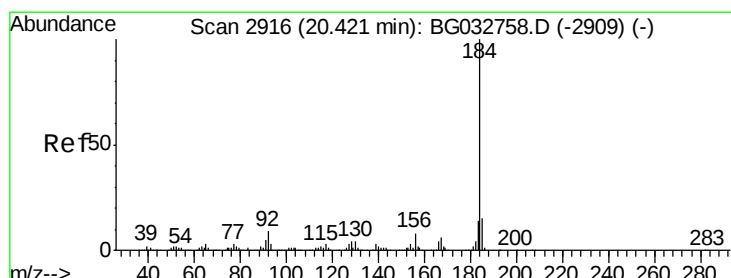
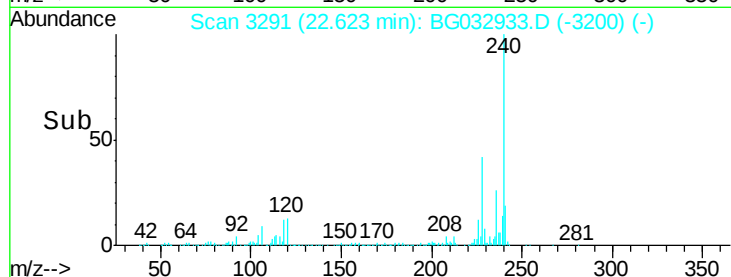
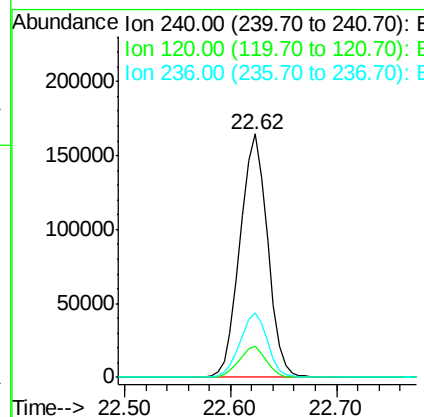
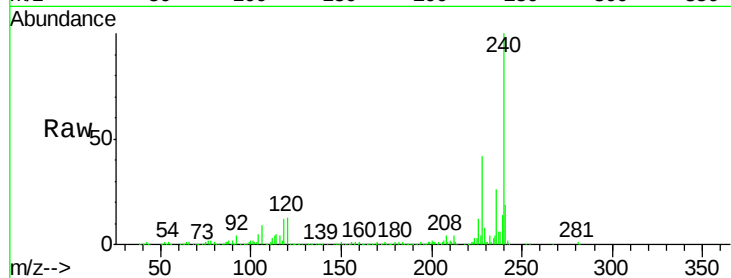
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3291
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :
PB106973BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.6	6.8	10.2#
236	26.2	20.9	31.3

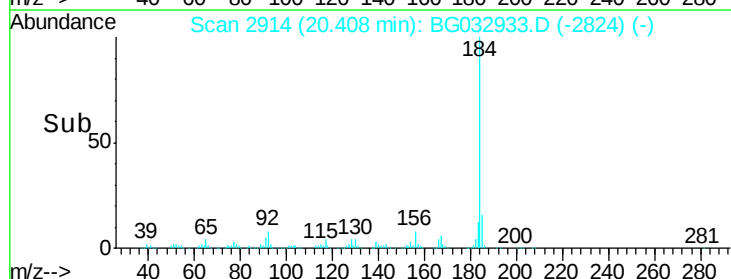
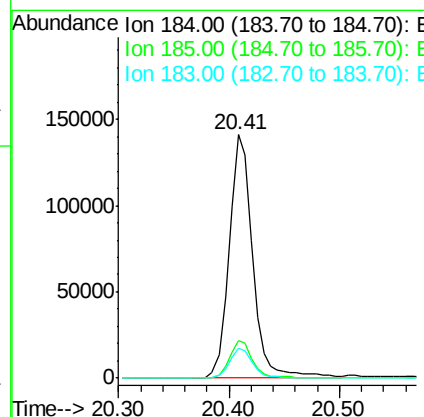
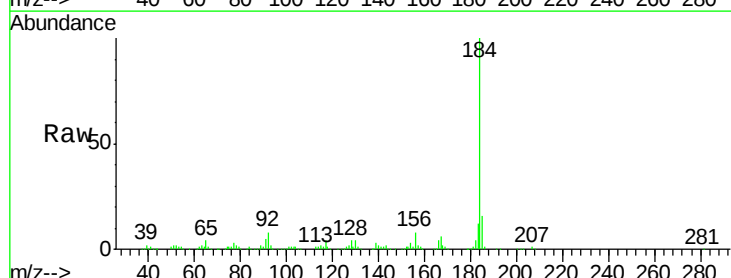
Manual Integrations
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#76
Benzidine
Concen: 20.792 ng
RT: 20.41 min Scan# 2914
Delta R.T. -0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.1	16.7
183	12.1	10.6	16.0





#77

Pvrene

Concen: 40.724 ng

RT: 20.61 min Scan# 2949

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

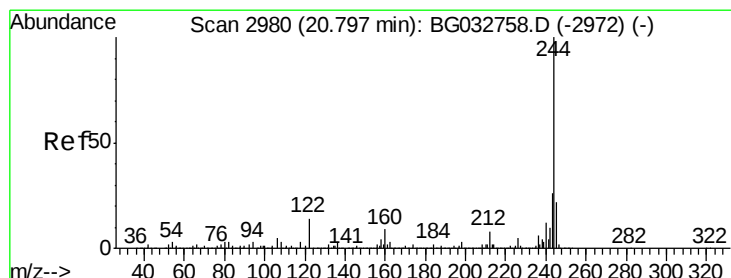
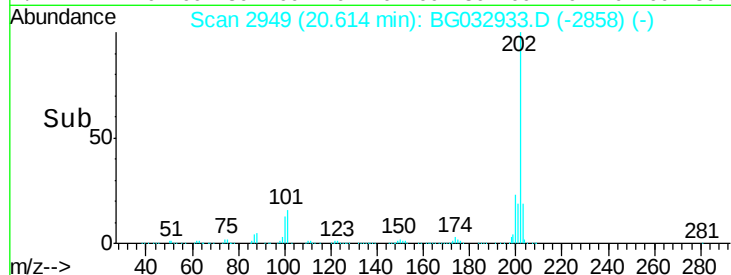
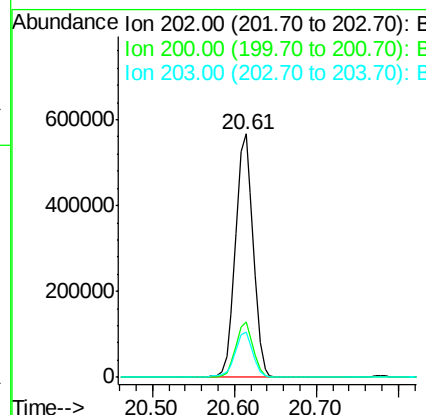
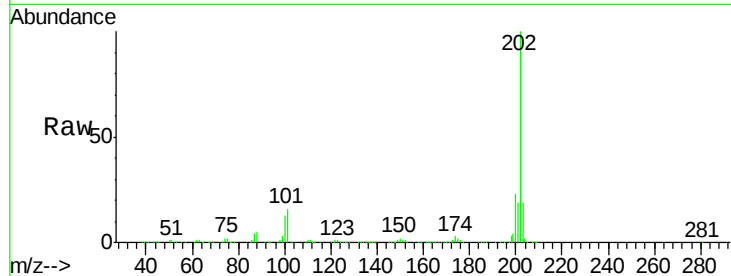
ClientSampleId :

PB106973BS

Tot Ion:	202	Resp:	855081
Ion Ratio		Lower	Upper
202	100		
200	22.6	16.9	25.3
203	18.8	13.9	20.9

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#78

Terphenyl-d14

Concen: 83.804 ng

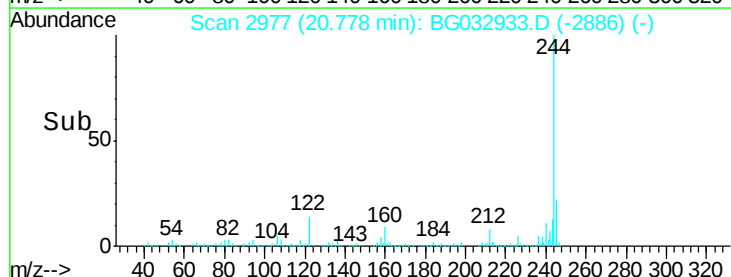
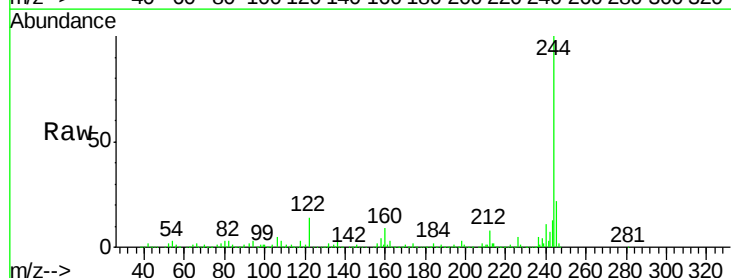
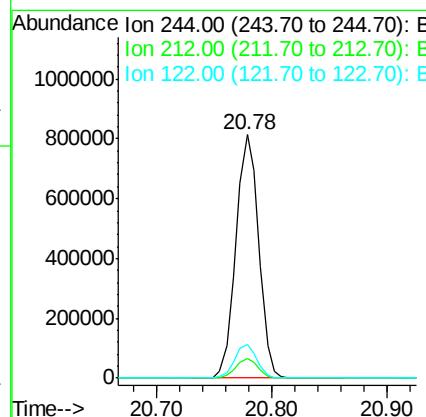
RT: 20.78 min Scan# 2977

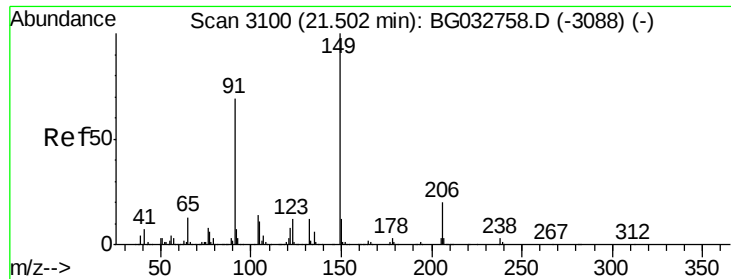
Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Tgt Ion:	244	Resp:	1110589
Ion Ratio		Lower	Upper
244	100		
212	8.1	5.8	8.8
122	13.8	7.0	10.4#





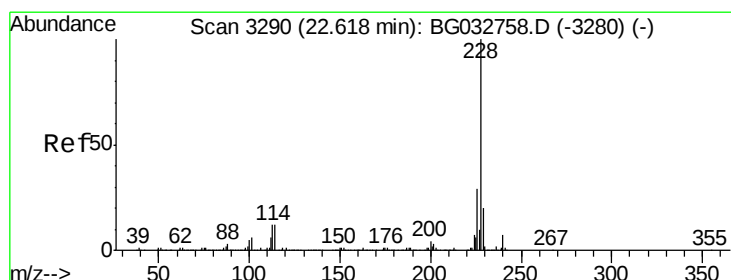
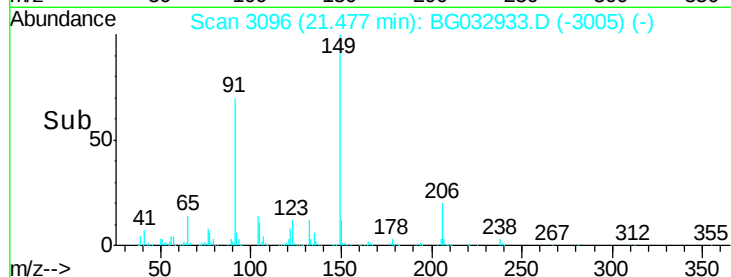
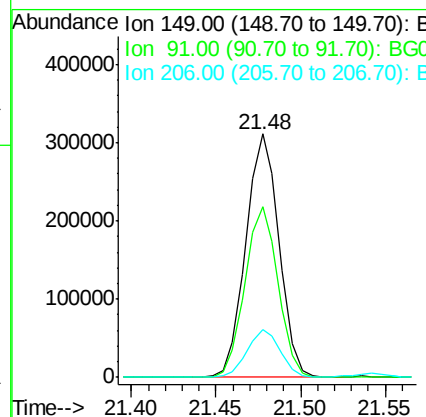
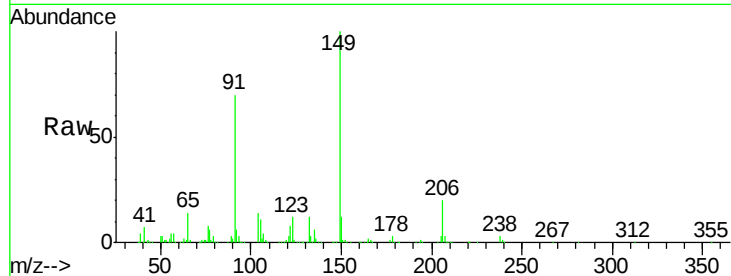
#79
Butylbenzylphthalate
Concen: 45.694 ng
RT: 21.48 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :
PB106973BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	425378		
91	70.2	62.2	93.2	
206	19.7	18.6	27.8	

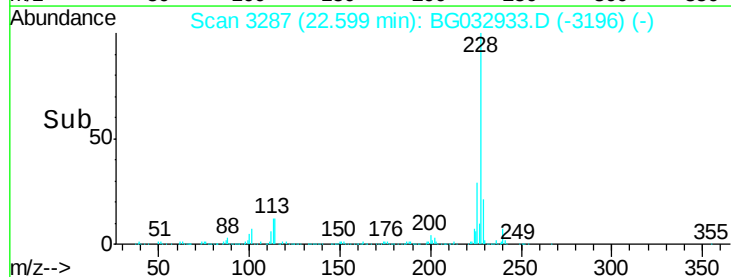
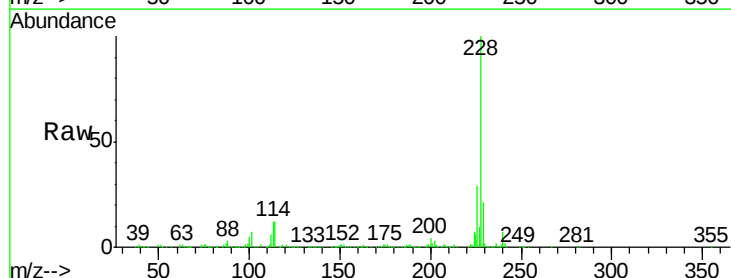
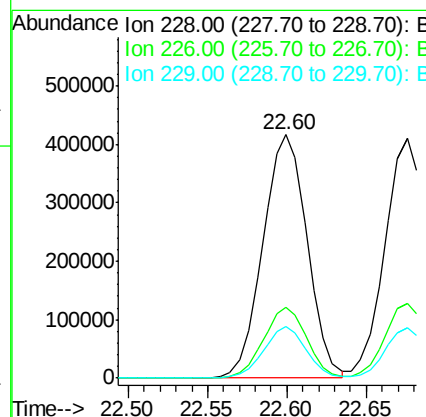
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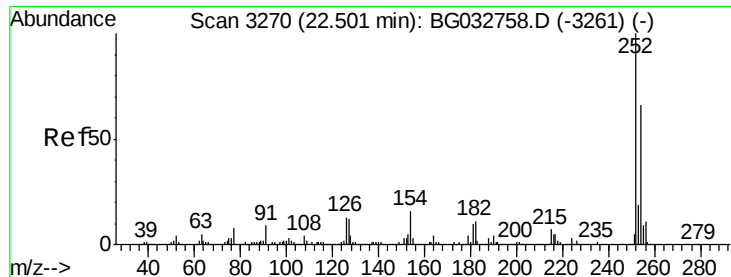
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#80
Benzo(a)anthracene
Concen: 42.267 ng
RT: 22.60 min Scan# 3287
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	807000		
226	29.0	22.7	34.1	
229	21.3	16.2	24.2	





#81

3,3'-Dichlorobenzidine

Concen: 21.610 ng

RT: 22.48 min Scan# 3267

Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

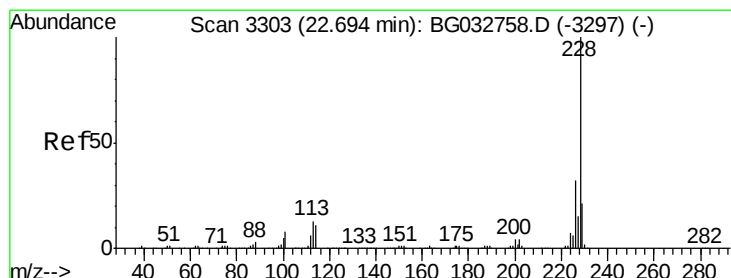
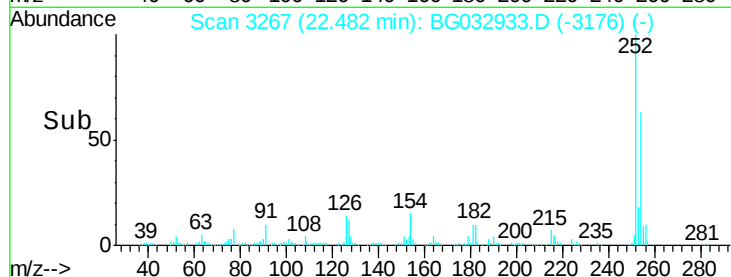
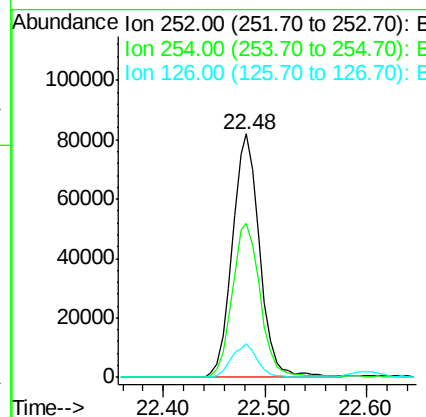
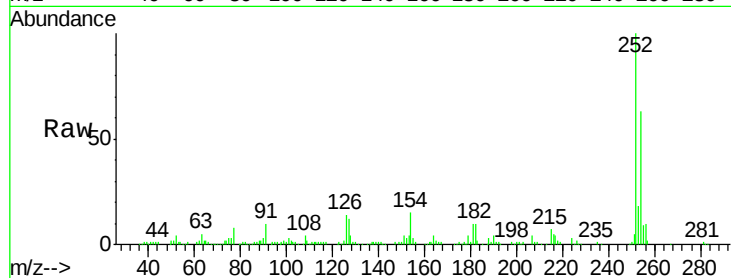
ClientSampled :

PB106973BS

Tot Ion:	252	Resp:	152808
Ion Ratio	Lower	Upper	
252	100		
254	63.3	50.8	76.2
126	13.7	7.4	11.2#

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#82

Chrysene

Concen: 41.816 ng

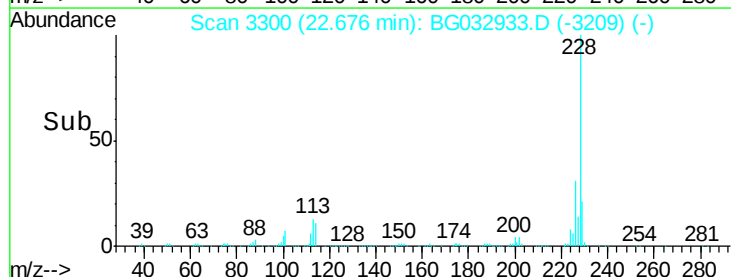
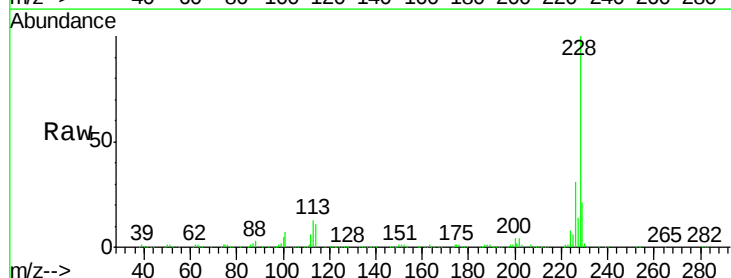
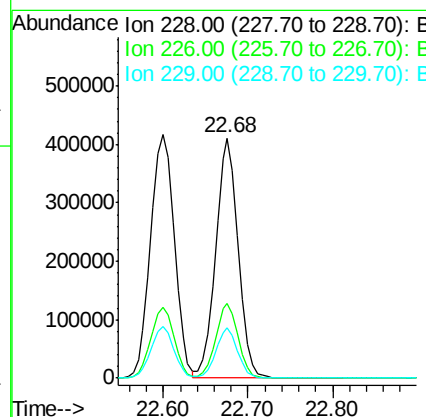
RT: 22.68 min Scan# 3300

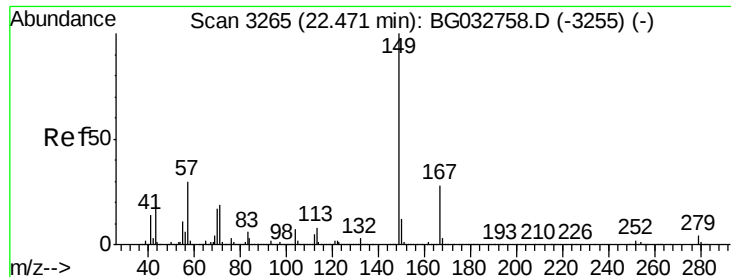
Delta R.T. 0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Tgt Ion:	228	Resp:	762647
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.9	37.3
229	20.9	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.771 ng

RT: 22.43 min Scan# 3258

Delta R.T. -0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

ClientSampleId :

PB106973BS

Tot Ion:149 Resp: 603157
Ion Ratio Lower Upper

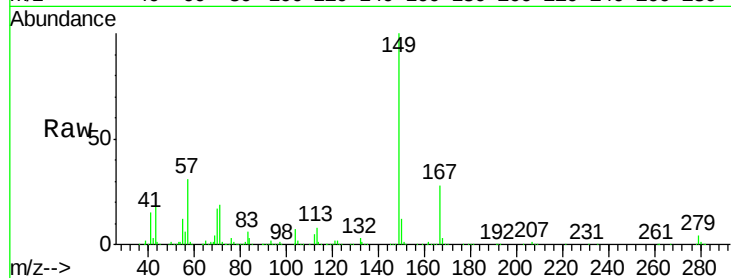
149 100

167 27.8 24.3 36.5

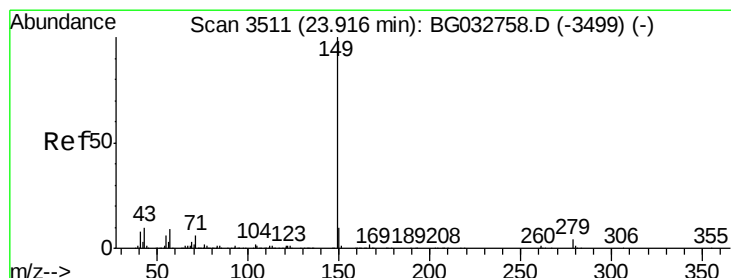
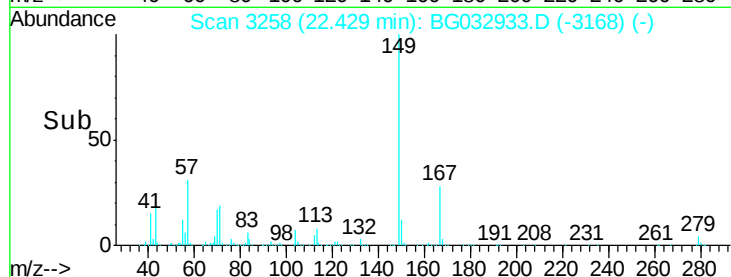
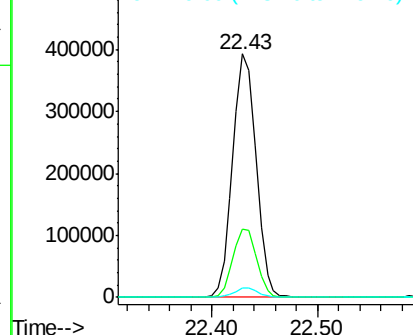
279 3.9 4.0 6.0#

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



#84

Di-n-octyl phthalate

Concen: 49.417 ng

RT: 23.85 min Scan# 3500

Delta R.T. 0.00 min

Lab File: BG032933.D

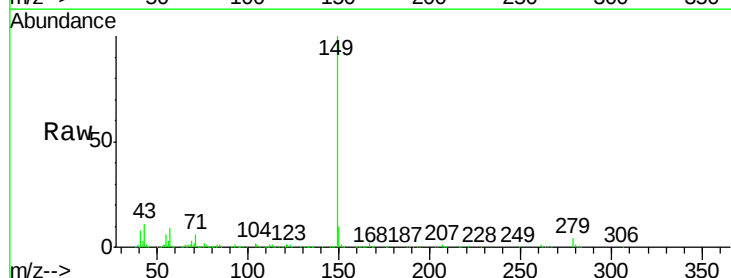
Acq: 2 Mar 2018 1:09

Tgt Ion:149 Resp: 1037947
Ion Ratio Lower Upper

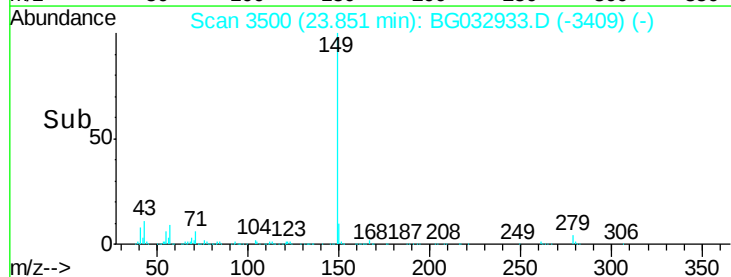
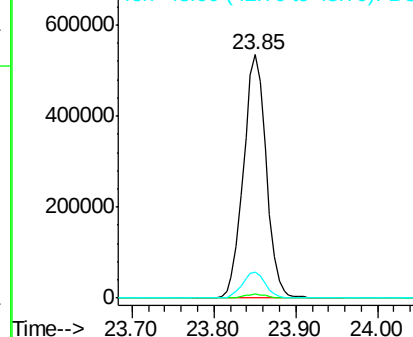
149 100

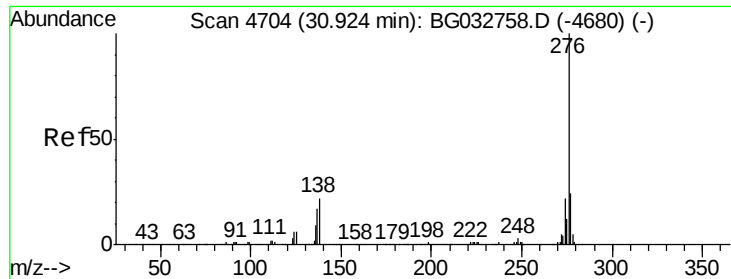
167 1.7 1.4 2.0

43 10.8 8.9 13.3



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





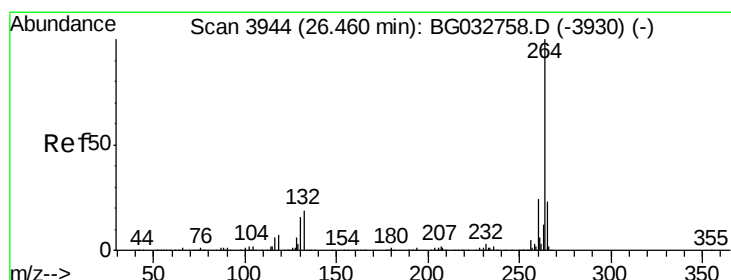
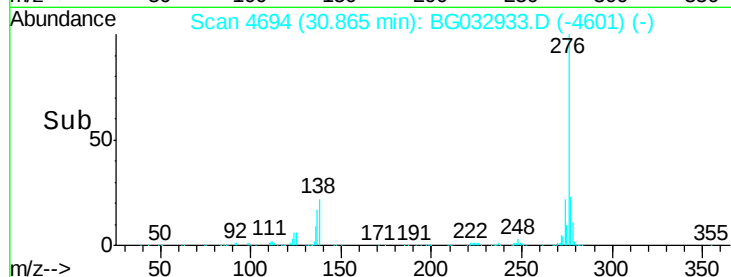
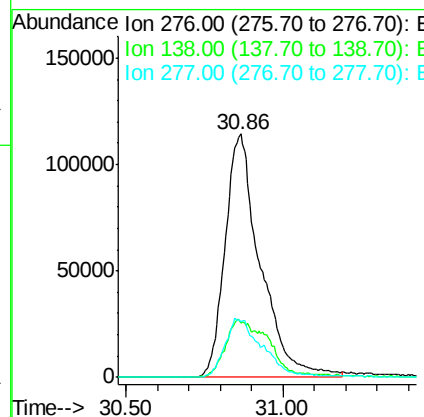
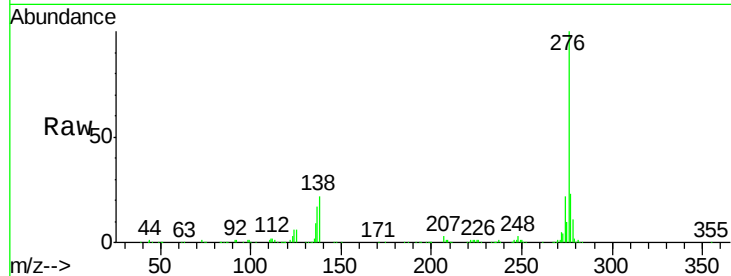
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.945 ng
RT: 30.86 min Scan# 4694
Delta R.T. 0.01 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :
PB106973BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.8	16.0	24.0#
277	25.6	20.0	30.0

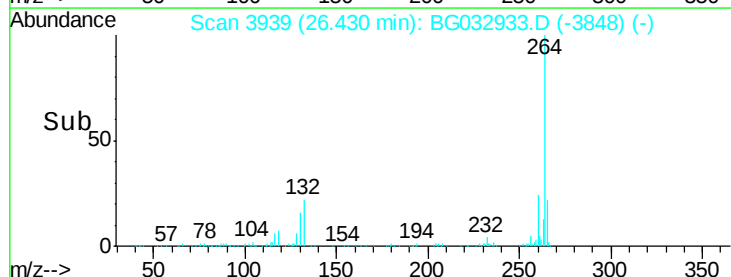
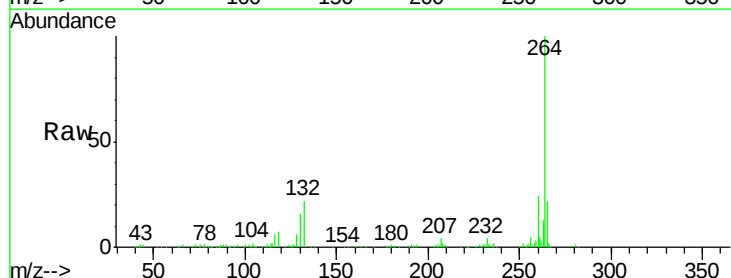
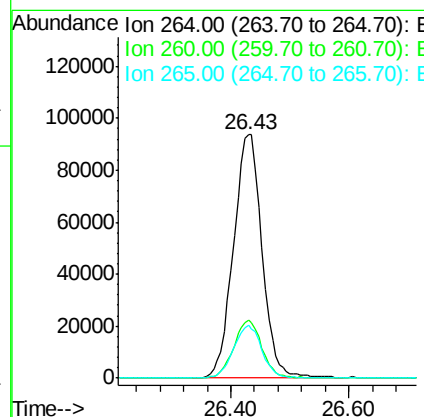
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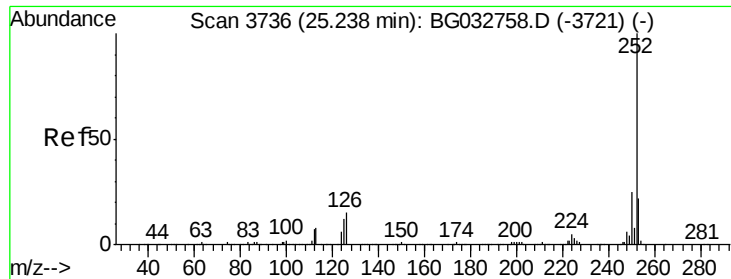
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#86
Perylene-d12
Concen: 20.000 ng
RT: 26.43 min Scan# 3939
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.9	17.7	26.5





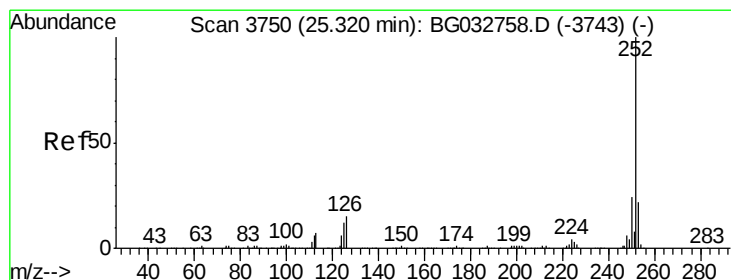
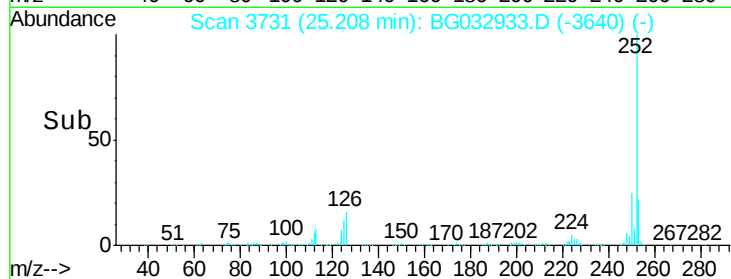
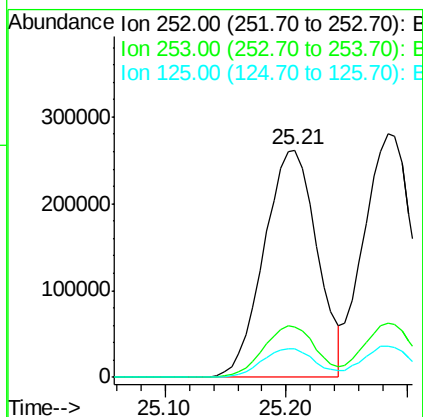
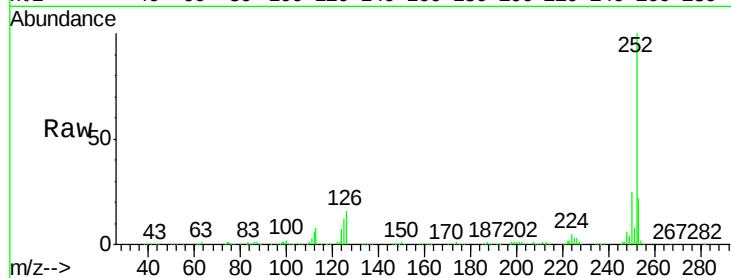
#87
Benzo(b)fluoranthene
Concen: 42.731 ng
RT: 25.21 min Scan# 3731
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Instrument :
BNA_G
ClientSampleId :
PB106973BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	12.4	7.2	10.8

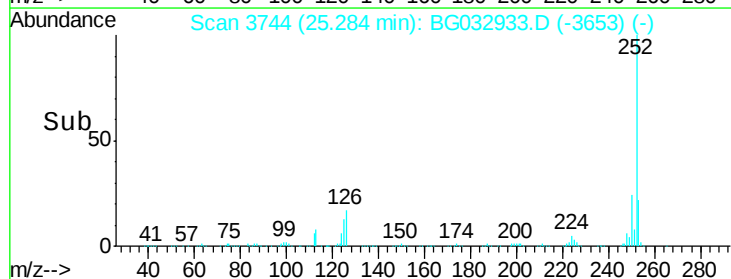
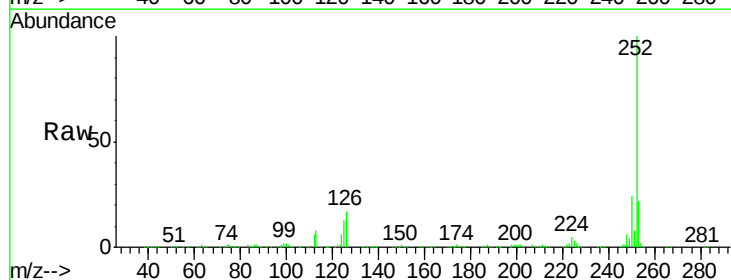
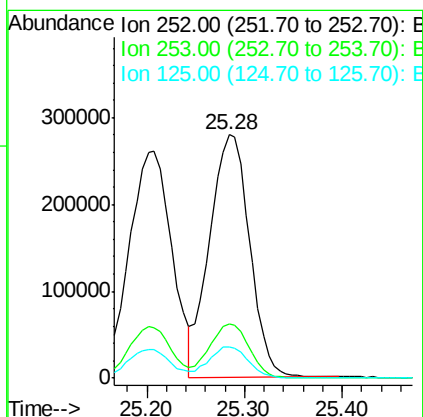
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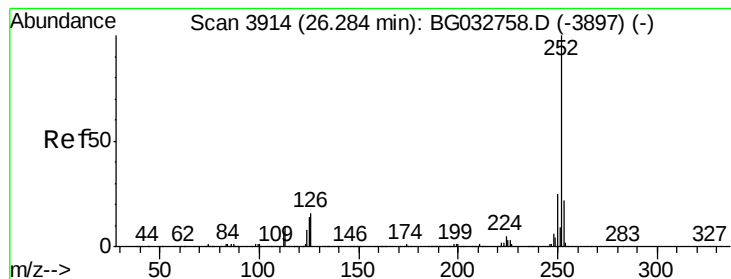
Sohil
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#88
Benzo(k)fluoranthene
Concen: 42.780 ng
RT: 25.28 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BG032933.D
Acq: 2 Mar 2018 1:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	12.6	6.6	9.8





#89

Benzo(a)pyrene

Concen: 43.778 ng

RT: 26.25 min Scan# 3908

Delta R.T. -0.00 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Instrument :

BNA_G

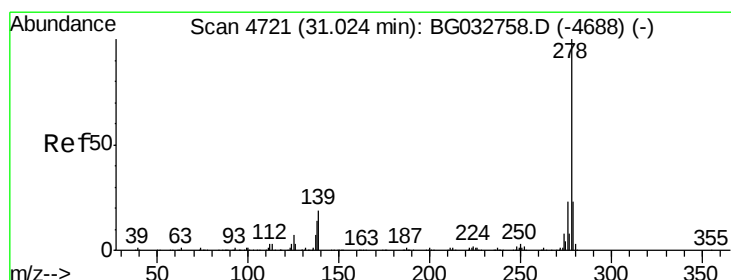
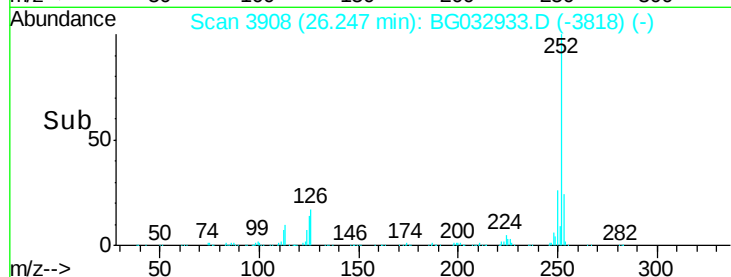
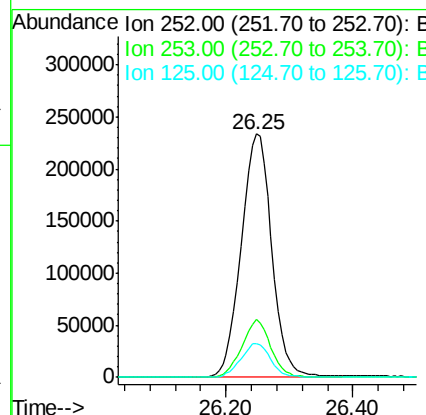
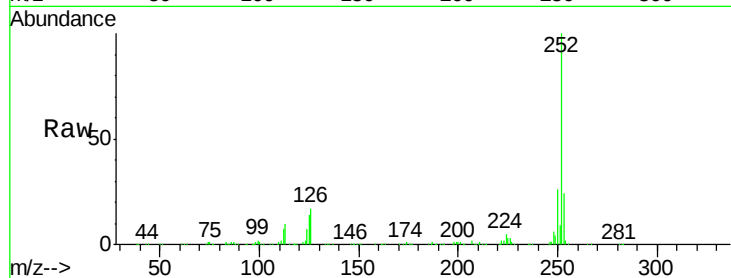
ClientSampleId :

PB106973BS

Tot Ion:	252	Resp:	779960
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.3	27.5
125	13.7	7.3	10.9#

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#90

Dibenzo(a,h)anthracene

Concen: 40.761 ng

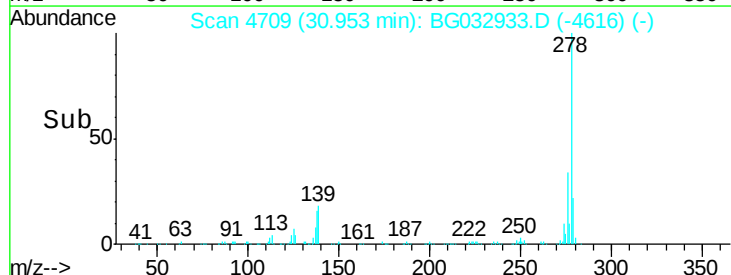
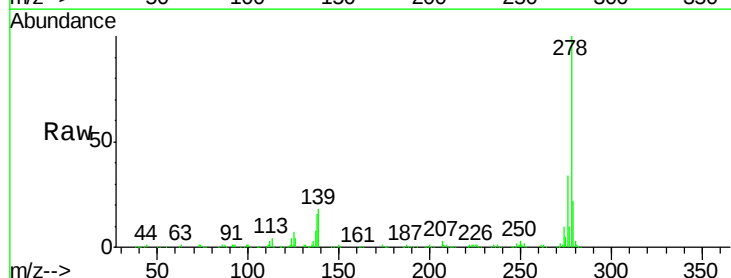
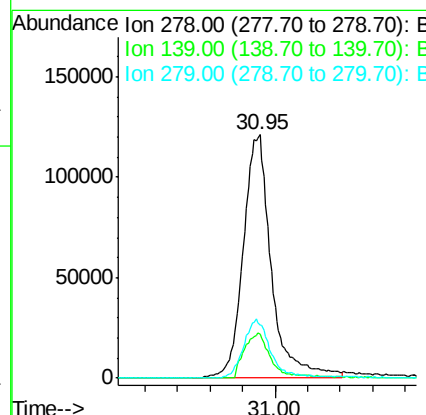
RT: 30.95 min Scan# 4709

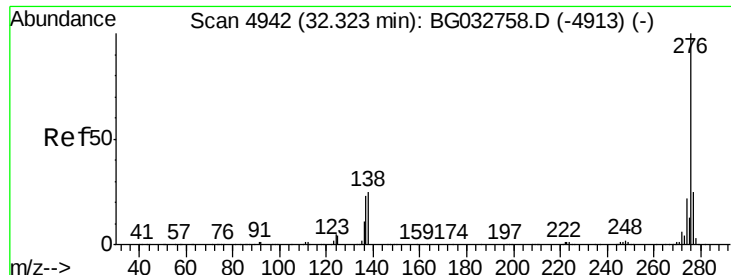
Delta R.T. 0.01 min

Lab File: BG032933.D

Acq: 2 Mar 2018 1:09

Tgt Ion:	278	Resp:	730982
Ion Ratio	Lower	Upper	
278	100		
139	18.2	9.8	14.6#
279	21.5	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 40.935 ng
 RT: 32.25 min Scan# 4930
 Delta R.T. 0.00 min
 Lab File: BG032933.D
 Acq: 2 Mar 2018 1:09

Instrument :
 BNA_G
 ClientSampleId :
 PB106973BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.3	27.5
138	26.2	13.9	20.9

Manual Integrations
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