

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
 Data File : BG036834.D
 Acq On : 20 Sep 2018 00:32
 Operator : JU/SJ
 Sample : PB113024BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113024BS

Manual Integrations
 APPROVED

Sohil
 9/20/2018 11:46:47 AM

Quant Time: Sep 20 07:35:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51637	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	218306	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	150259	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	397781	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	396649	20.00	ng	0.00
86) Perylene-d12	24.88	264	418154	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	403715	124.02	ng	0.00
7) Phenol-d6	7.21	99	572134	122.76	ng	0.00
23) Nitrobenzene-d5	9.21	82	349587	86.88	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	259734	144.87	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	807838	76.76	ng	-0.01
78) Terphenyl-d14	20.02	244	1422615	83.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	46575	30.658	ng	97
3) Pyridine	3.92	79	144829	33.964	ng	97
4) n-Nitrosodimethylamine	3.84	42	81557	42.941	ng	98
6) Aniline	7.37	93	110671	18.708	ng	98
8) 2-Chlorophenol	7.61	128	154711	43.827	ng	95
9) Benzaldehyde	7.18	77	62006	19.320	ng	99
10) Phenol	7.24	94	220835	45.278	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	148891	38.506	ng	97
12) 1,3-Dichlorobenzene	7.94	146	153437	38.066	ng	99
13) 1,4-Dichlorobenzene	8.08	146	157482	38.697	ng	99
14) 1,2-Dichlorobenzene	8.40	146	150084	38.616	ng	98
15) Benzyl Alcohol	8.28	79	156438	41.638	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.57	45	298450	38.274	ng	99
17) 2-Methylphenol	8.48	107	146498	45.236	ng	95
18) Hexachloroethane	9.13	117	58594	40.158	ng	93
19) n-Nitroso-di-n-propylamine	8.85	70	129217	37.097	ng	97
20) 3+4-Methylphenols	8.81	107	205393	45.426	ng	99
22) Acetophenone	8.87	105	234885	40.974	ng	# 98
24) Nitrobenzene	9.25	77	195148	44.978	ng	97
25) Isophorone	9.77	82	359211	44.941	ng	98
26) 2-Nitrophenol	9.96	139	89638	52.136	ng	95
27) 2,4-Dimethylphenol	10.02	122	162568	51.072	ng	99
28) bis(2-Chloroethoxy)methane	10.25	93	212964	43.413	ng	97
29) 2,4-Dichlorophenol	10.50	162	176629	50.632	ng	96
30) 1,2,4-Trichlorobenzene	10.71	180	170881	41.873	ng	97
31) Naphthalene	10.90	128	491771	45.063	ng	100
32) Benzoic acid	10.14	122	63840m	29.007	ng	
33) 4-Chloroaniline	11.00	127	81387	16.275	ng	98
34) Hexachlorobutadiene	11.19	225	115296	42.049	ng	98
35) Caprolactam	11.80	113	65815	47.360	ng	99
36) 4-Chloro-3-methylphenol	12.13	107	204883	50.545	ng	97
37) 2-Methylnaphthalene	12.50	142	384946	48.209	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	222060	41.760	ng	99
40) Hexachlorocyclopentadiene	12.85	237	261046	94.353	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	158564	48.952	ng	99
43) 2,4,5-Trichlorophenol	13.18	196	171182	49.548	ng	98
45) 1,1'-Biphenyl	13.51	154	510296	40.913	ng	98
46) 2-Chloronaphthalene	13.55	162	393852	41.363	ng	100
47) 2-Nitroaniline	13.75	65	153395	51.302	ng	98
48) Acenaphthylene	14.39	152	681732	45.812	ng	99
49) Dimethylphthalate	14.12	163	555392	45.266	ng	99
50) 2,6-Dinitrotoluene	14.25	165	123293	48.834	ng	96
51) Acenaphthene	14.74	154	396532	41.607	ng	100
52) 3-Nitroaniline	14.58	138	74364	27.332	ng	97
53) 2,4-Dinitrophenol	14.78	184	31208	32.634	ng	95
54) Dibenzofuran	15.07	168	657648	44.045	ng	99
55) 4-Nitrophenol	14.88	139	183887	82.663	ng	99
56) 2,4-Dinitrotoluene	15.03	165	177598	53.973	ng	93
57) Fluorene	15.72	166	525843	47.110	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	175121	53.949	ng	95
59) Diethylphthalate	15.49	149	553696	44.779	ng	100
60) 4-Chlorophenyl-phenylether	15.71	204	303169	43.986	ng	98
61) 4-Nitroaniline	15.74	138	136800	48.050	ng	96
62) Azobenzene	16.00	77	550843	43.783	ng	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	53628	30.691	ng	97
65) n-Nitrosodiphenylamine	15.93	169	496937	42.044	ng	97
66) 4-Bromophenyl-phenylether	16.60	248	201970	43.367	ng	99
67) Hexachlorobenzene	16.72	284	202094	42.438	ng	99
68) Atrazine	16.87	200	212357	47.867	ng	100
69) Pentachlorophenol	17.07	266	187062	57.797	ng	98
70) Phenanthrene	17.46	178	903694	44.710	ng	98
71) Anthracene	17.55	178	918789	45.601	ng	99
72) Carbazole	17.82	167	811808	40.345	ng	100
73) Di-n-butylphthalate	18.37	149	936035	41.774	ng	99
74) Fluoranthene	19.47	202	1100748	44.667	ng	99
76) Benzidine	19.64	184	273810	21.637	ng	98
77) Pyrene	19.82	202	1083854	44.436	ng	99
79) Butylbenzylphthalate	20.71	149	435601	44.874	ng	95
80) Benzo(a)anthracene	21.66	228	1091310	45.415	ng	98
81) 3,3'-Dichlorobenzidine	21.58	252	208502	21.772	ng	99
82) Chrysene	21.73	228	1011176	44.395	ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	589306	43.383	ng	99
84) Di-n-octyl phthalate	22.77	149	998481	44.007	ng	98
85) Indeno(1,2,3-cd)pyrene	28.54	276	1206690	45.613	ng	# 98
87) Benzo(b)fluoranthene	23.87	252	1109154	47.767	ng	98
88) Benzo(k)fluoranthene	23.94	252	1029504	45.383	ng	98
89) Benzo(a)pyrene	24.74	252	1058646	47.445	ng	100
90) Dibenzo(a,h)anthracene	28.60	278	985130	45.733	ng	98
91) Benzo(g,h,i)perylene	29.68	276	991284	45.794	ng	97

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

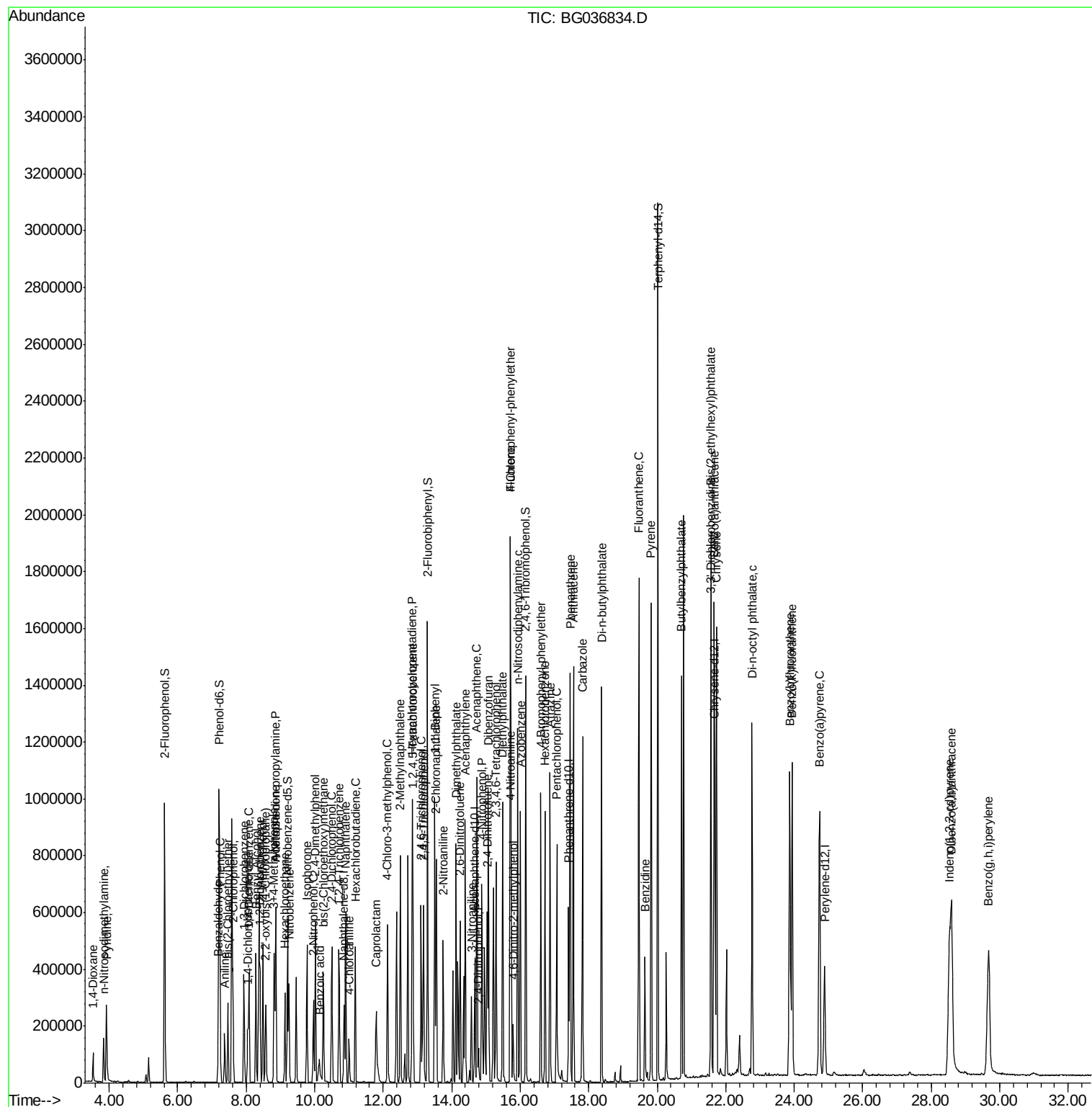
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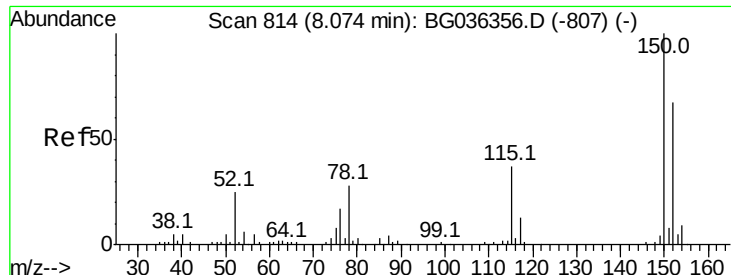
Instrument :
BNA_G
ClientSampleId :
PB113024BS

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#1

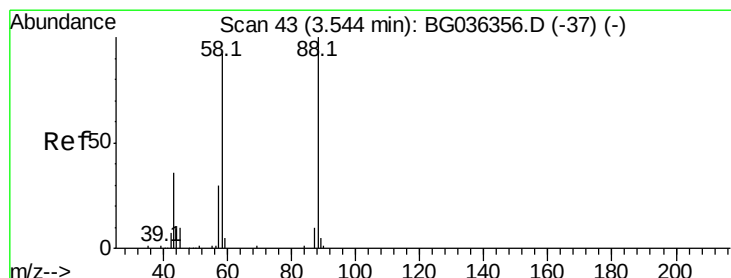
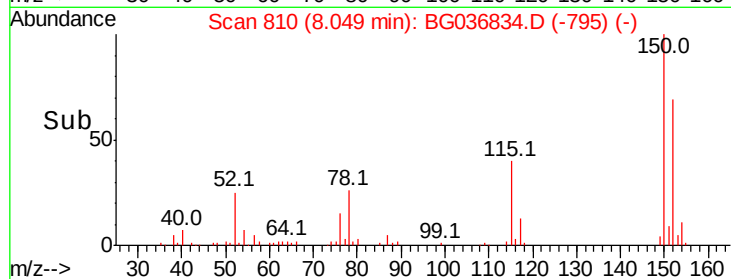
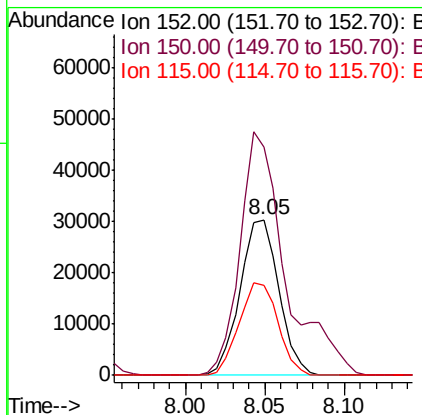
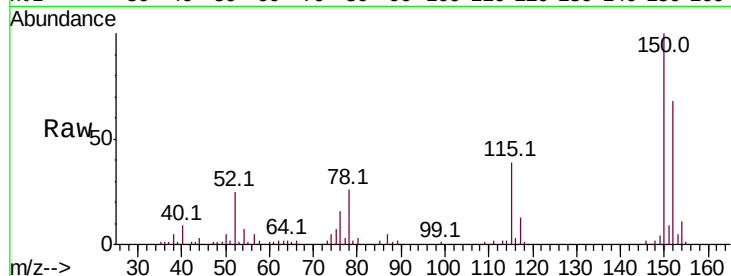
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB113024BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.7	119.5	179.3
115	57.5	44.5	66.7

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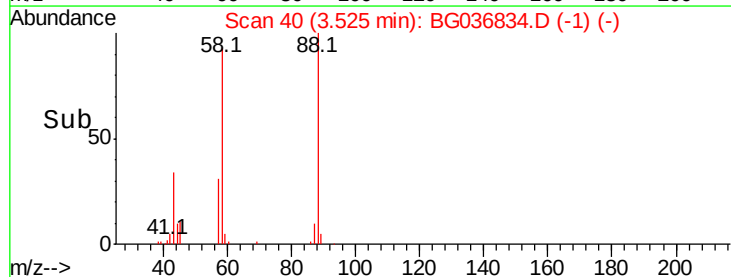
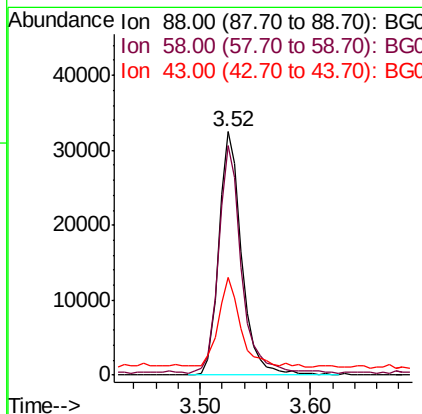
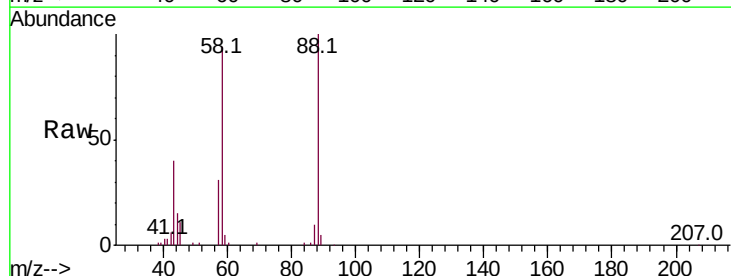
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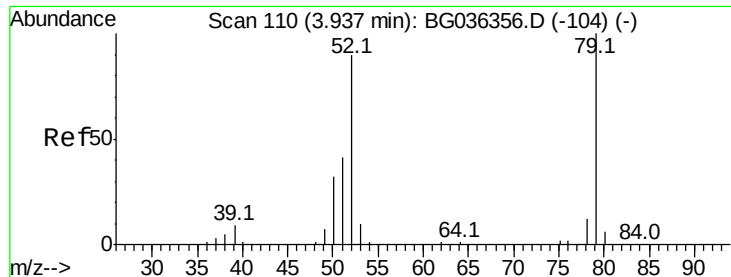


#2

1,4-Dioxane
Concen: 30.658 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.1	72.6	109.0
43	34.4	29.0	43.4





#3

Pvridine

Concen: 33.964 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG036834.D

Acq: 20 Sep 2018 00:32

Instrument :

BNA_G

ClientSampled :

PB113024BS

Tot Ion: 79 Resp: 144829

Ion Ratio Lower Upper

79 100

52 87.1 72.3 108.5

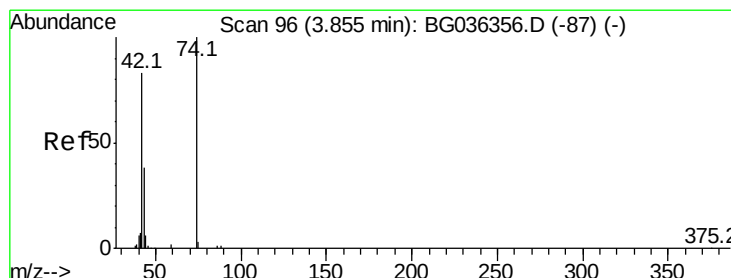
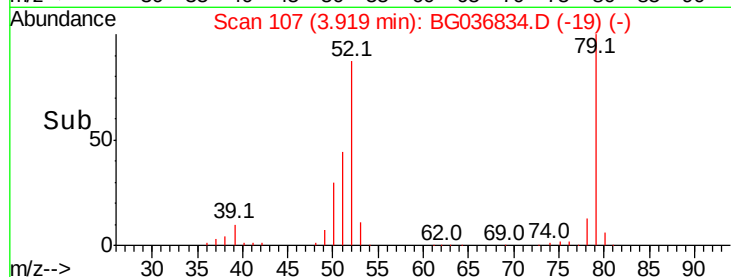
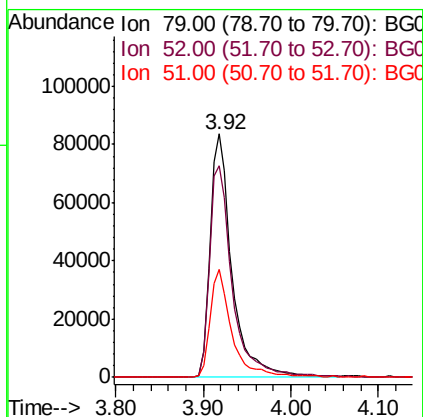
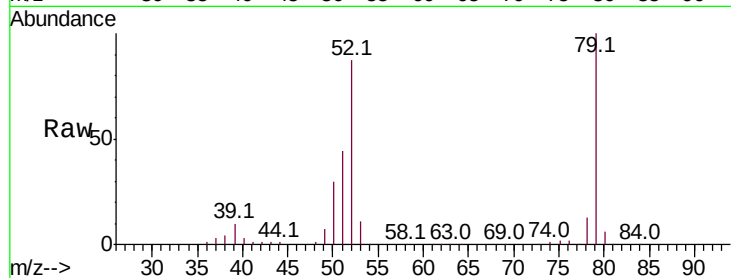
51 44.3 33.8 50.6

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#4

n-Nitrosodimethylamine

Concen: 42.941 ng

RT: 3.84 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG036834.D

Acq: 20 Sep 2018 00:32

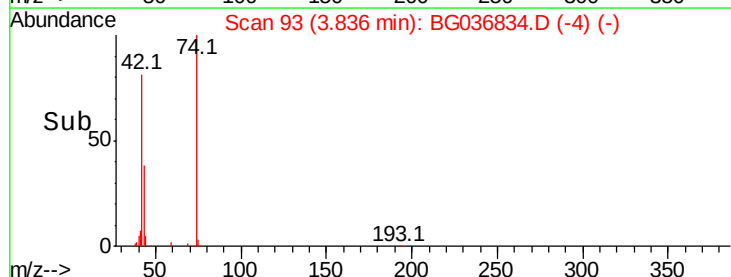
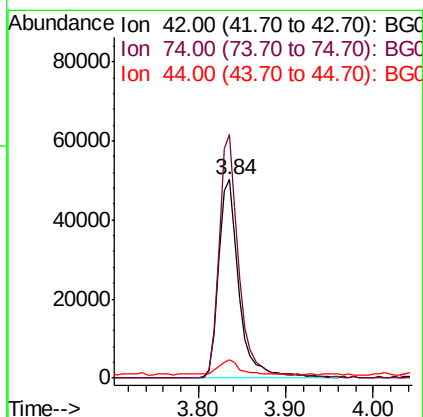
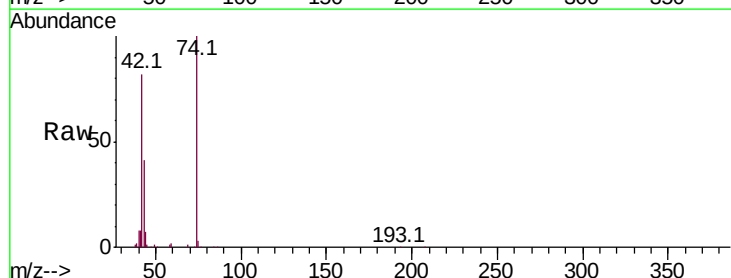
Tgt Ion: 42 Resp: 81557

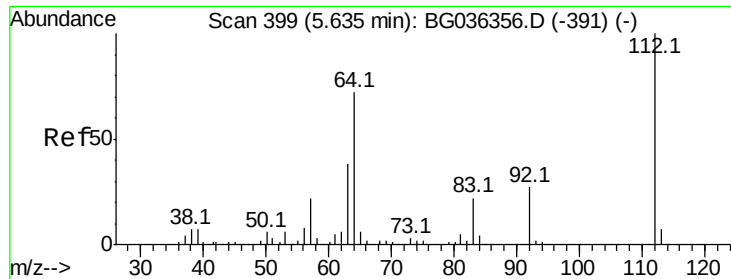
Ion Ratio Lower Upper

42 100

74 122.6 96.6 145.0

44 9.0 7.0 10.4





#5

2-Fluorophenol

Concen: 124.022 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036834.D

Acq: 20 Sep 2018 00:32

Instrument :

BNA_G

ClientSampleId :

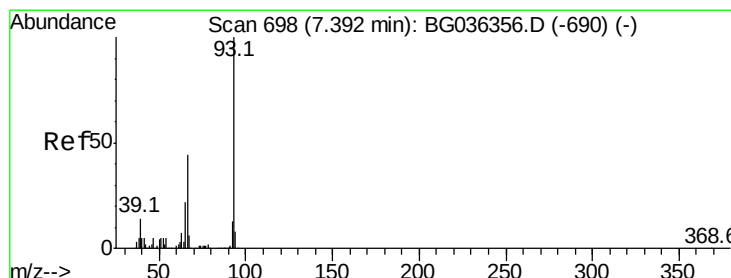
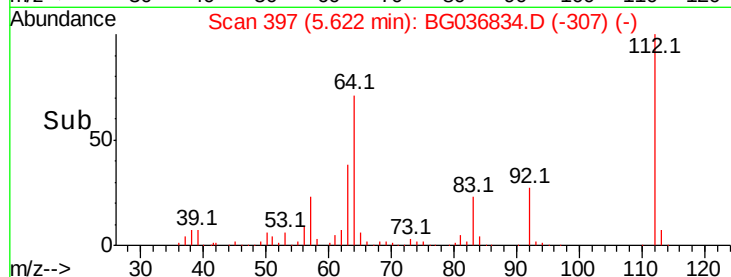
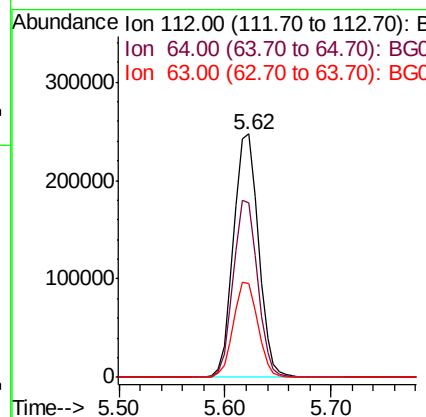
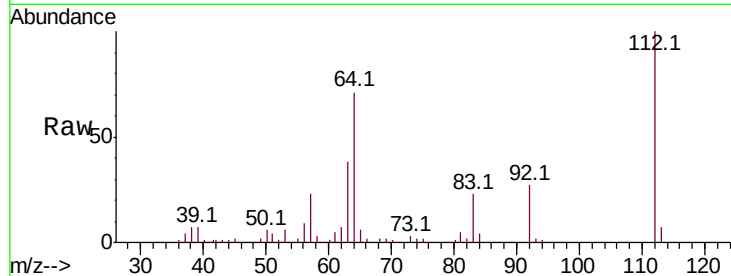
PB113024BS

Tot Ion:	112	Resp:	403715
Ion Ratio	Lower	Upper	
112	100		
64	71.5	57.2	85.8
63	38.4	30.8	46.2

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#6

Aniline

Concen: 18.708 ng

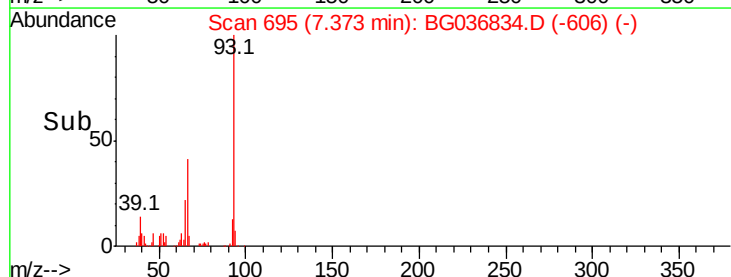
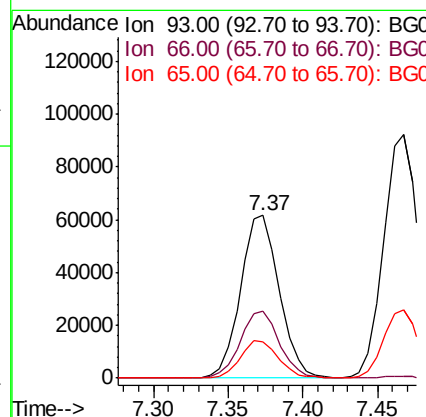
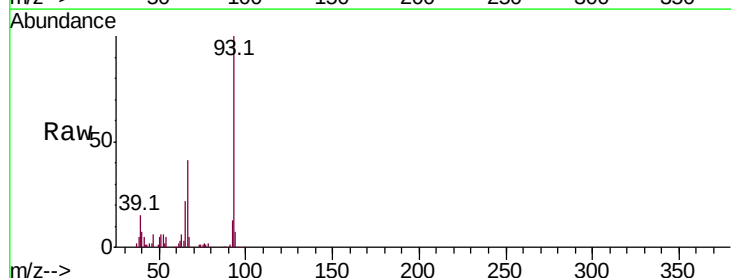
RT: 7.37 min Scan# 695

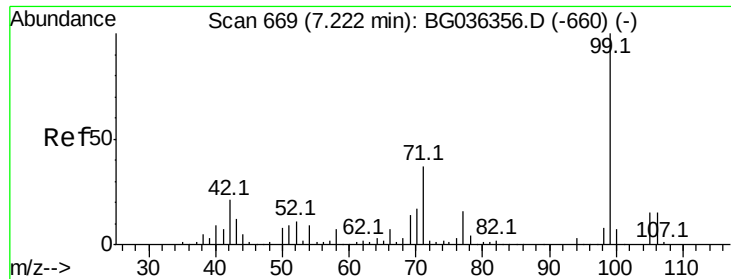
Delta R.T. -0.01 min

Lab File: BG036834.D

Acq: 20 Sep 2018 00:32

Tgt Ion:	93	Resp:	110671
Ion Ratio	Lower	Upper	
93	100		
66	41.4	35.0	52.4
65	22.1	17.6	26.4





#7

Phenol-d6

Concen: 122.759 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036834.D

Acq: 20 Sep 2018 00:32

Instrument :

BNA_G

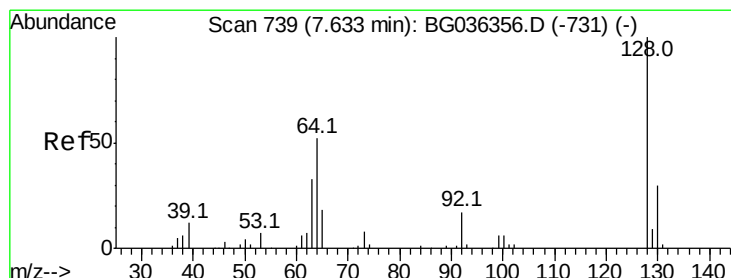
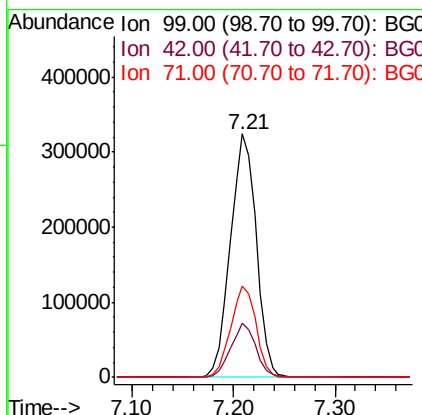
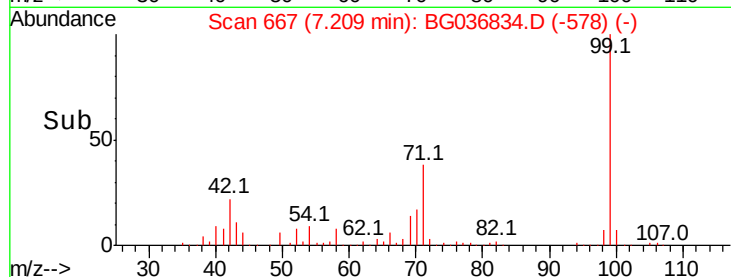
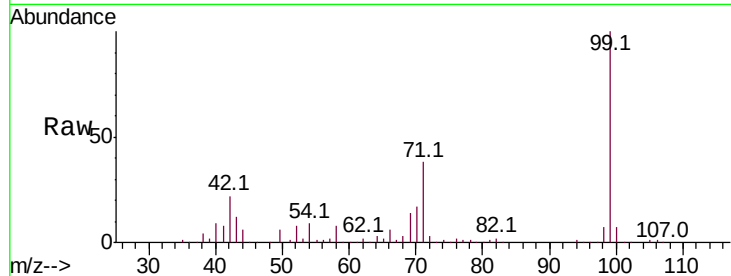
ClientSampleId :

PB113024BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		572134		
42	22.0	16.5	24.7		
71	37.5	29.4	44.2		

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#8

2-Chlorophenol

Concen: 43.827 ng

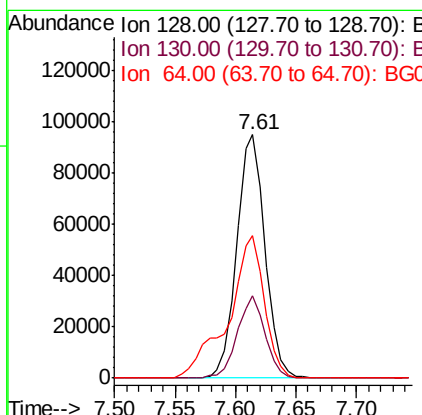
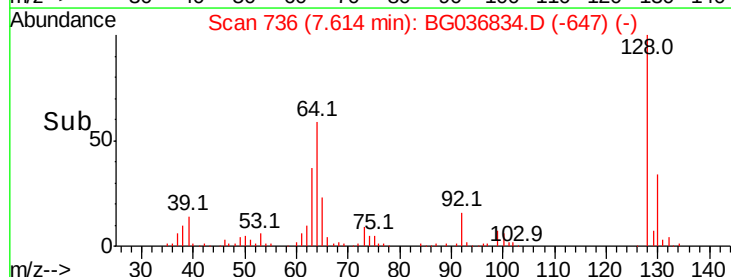
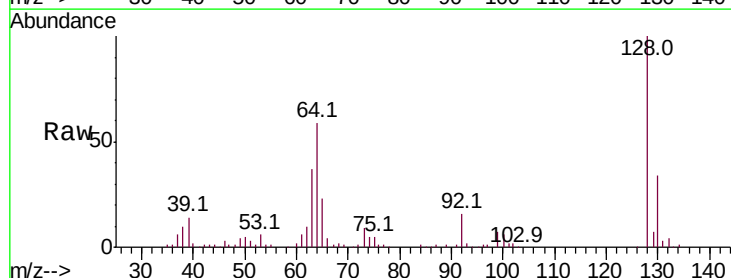
RT: 7.61 min Scan# 736

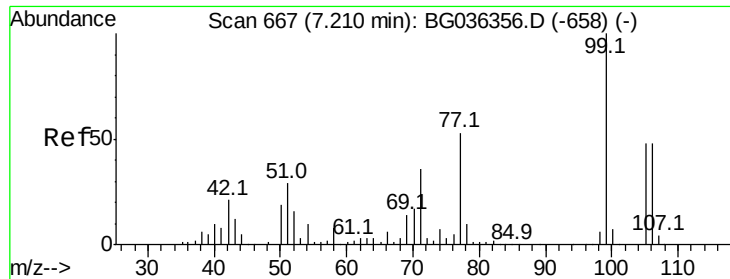
Delta R.T. -0.01 min

Lab File: BG036834.D

Acq: 20 Sep 2018 00:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		154711		
130	33.8	10.0	50.0		
64	58.5	36.0	76.0		





#9

Benzaldehyde

Concen: 19.320 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG036834.D

Acq: 20 Sep 2018 00:32

Instrument :

BNA_G

ClientSampleID :

PB113024BS

Tot Ion: 77 Resp: 62006

Ion Ratio Lower Upper

77 100

105 90.4 70.5 110.5

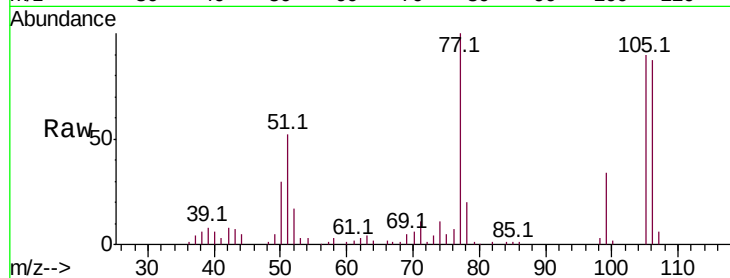
106 87.2 69.8 109.8

Manual Integrations

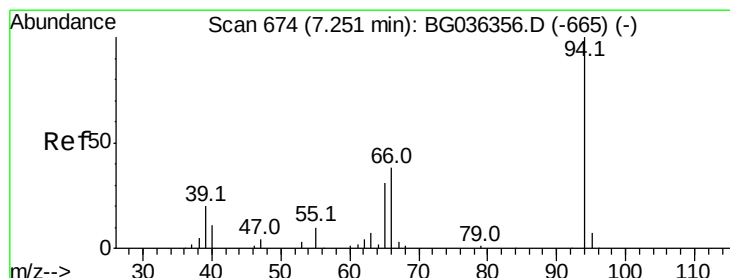
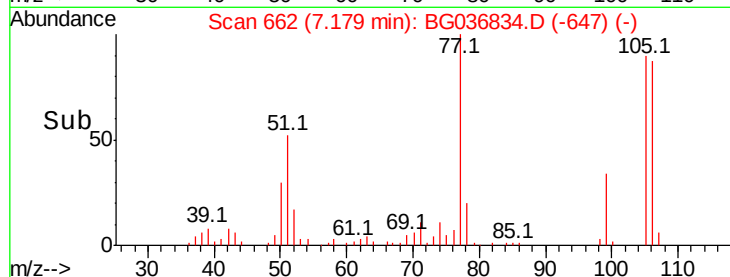
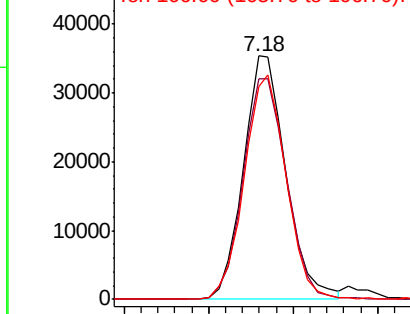
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.278 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG036834.D

Acq: 20 Sep 2018 00:32

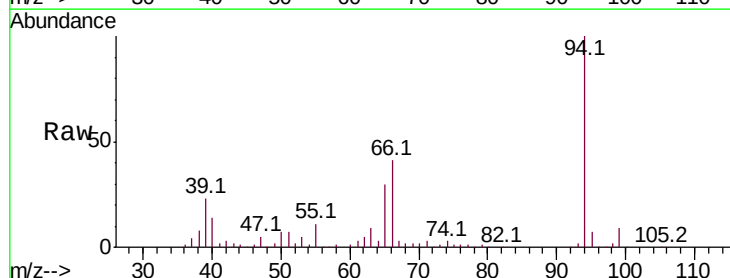
Tgt Ion: 94 Resp: 220835

Ion Ratio Lower Upper

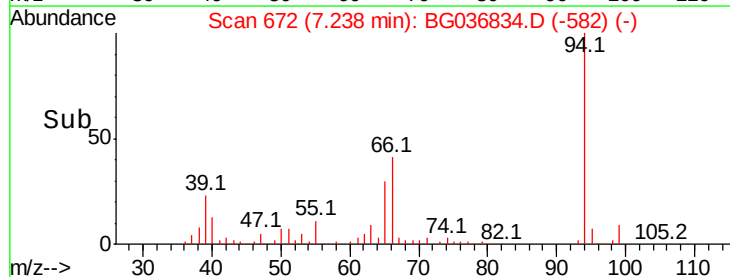
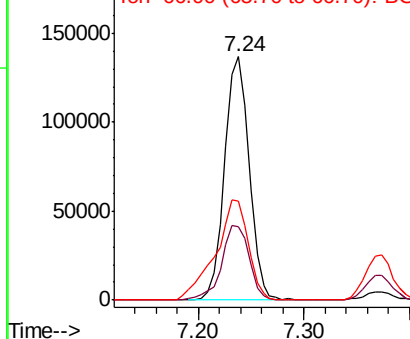
94 100

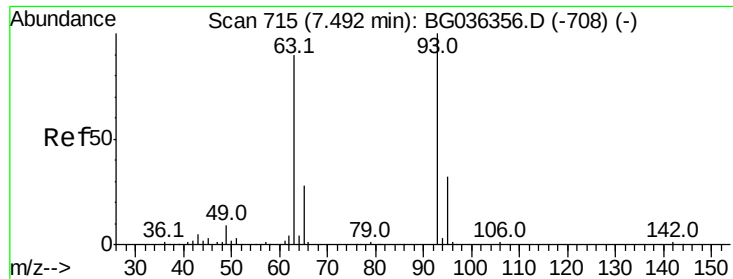
65 30.2 11.5 51.5

66 40.8 19.5 59.5



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





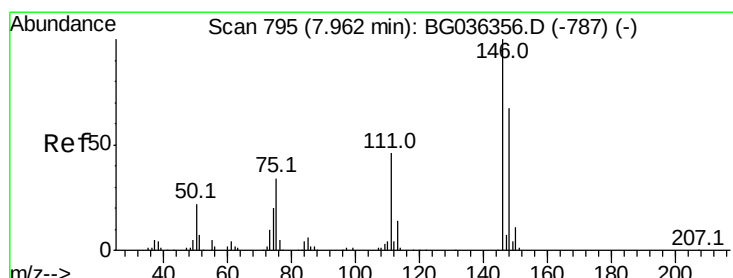
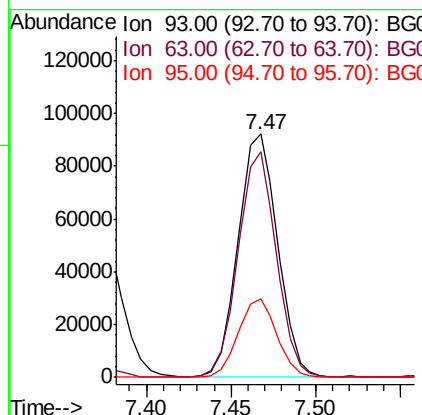
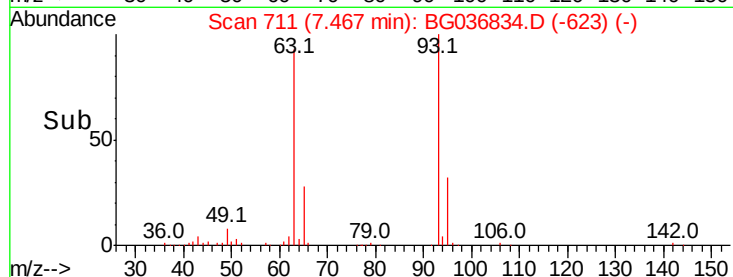
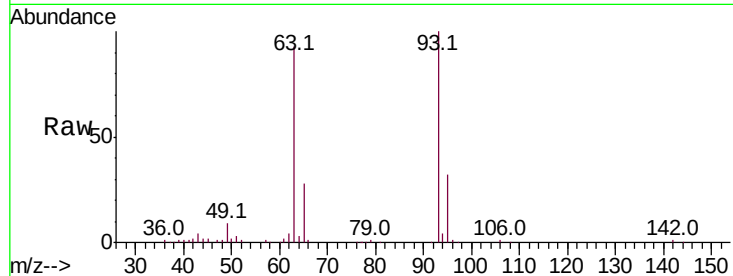
#11
bis(2-Chloroethyl)ether
Concen: 38.506 ng
RT: 7.47 min Scan# 711
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB113024BS

Tot Ion	93	Resp	148891
Ion	Ratio	Lower	Upper
93	100		
63	92.9	69.9	109.9
95	32.3	11.7	51.7

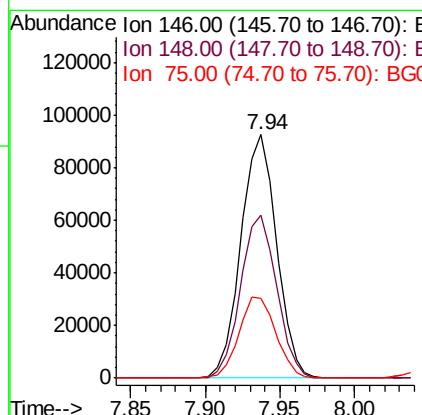
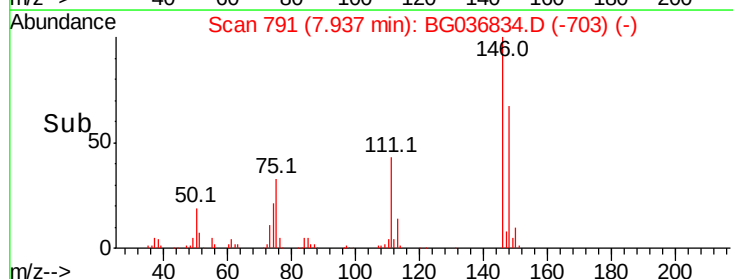
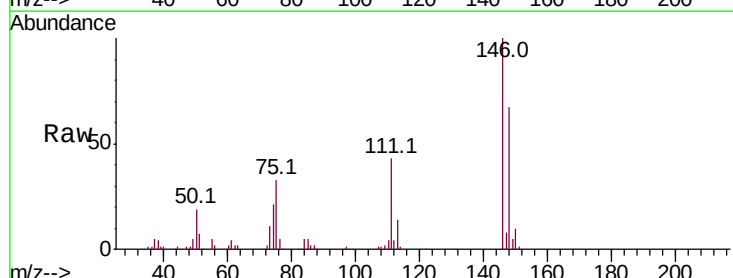
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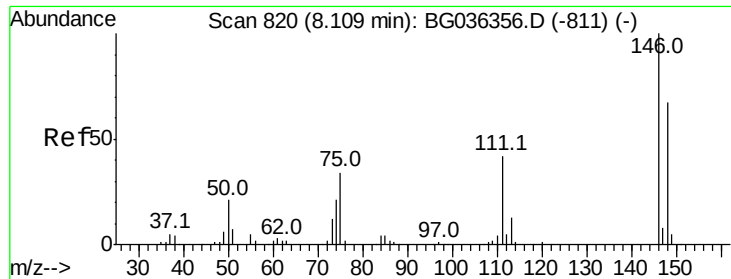
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.066 ng
RT: 7.94 min Scan# 791
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Tgt Ion	146	Resp	153437
Ion	Ratio	Lower	Upper
146	100		
148	67.1	53.8	80.6
75	32.7	27.2	40.8





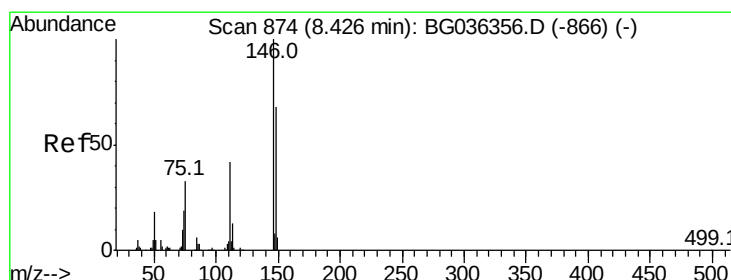
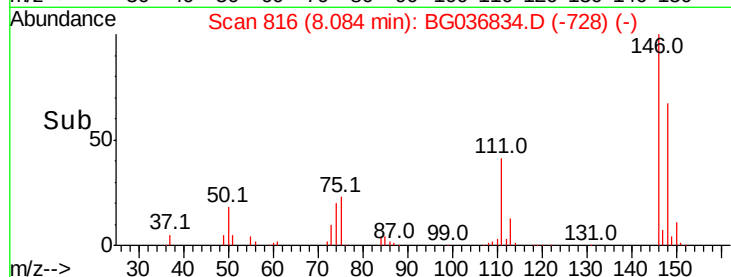
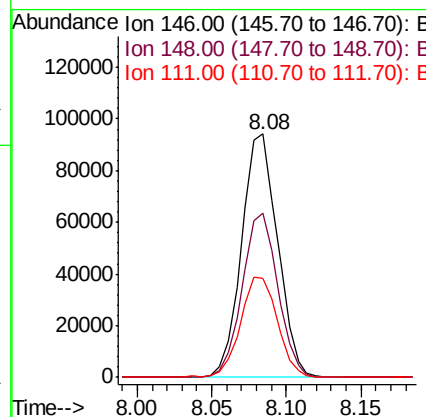
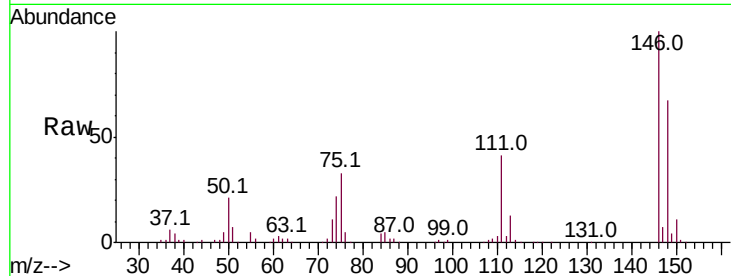
#13
 1,4-Dichlorobenzene
 Concen: 38.697 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113024BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.5	53.9	80.9
111	40.9	33.8	50.6

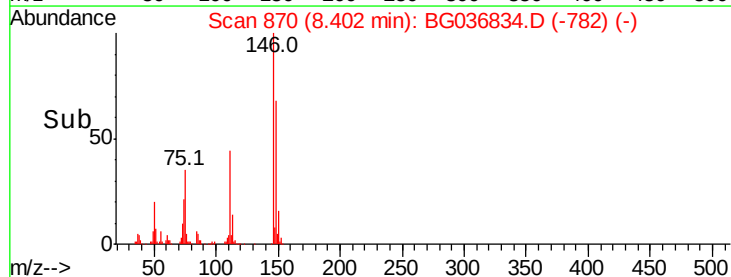
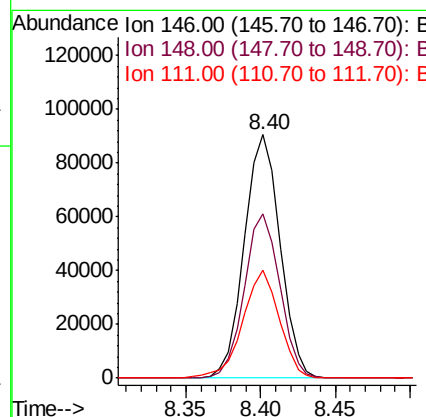
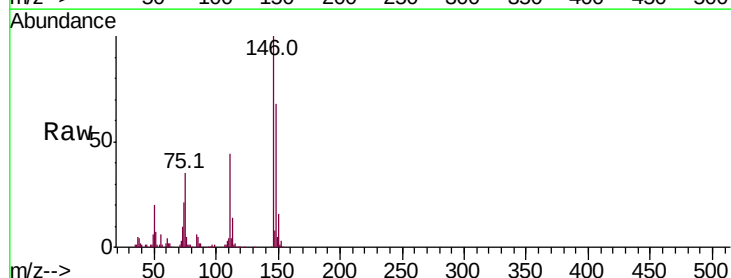
Manual Integrations
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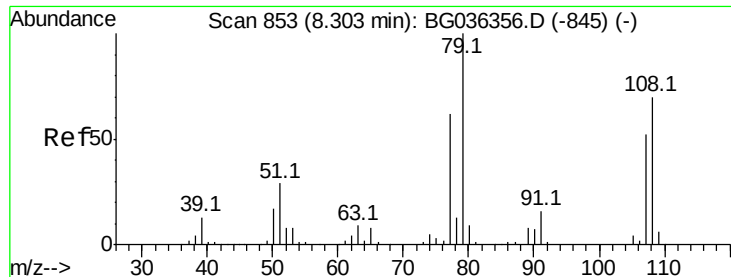
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 9/20/2018 11:46:47 AM



#14
 1,2-Dichlorobenzene
 Concen: 38.616 ng
 RT: 8.40 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.6	55.0	82.6
111	44.5	34.6	51.8





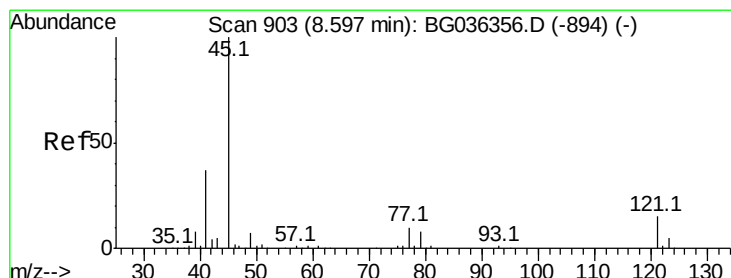
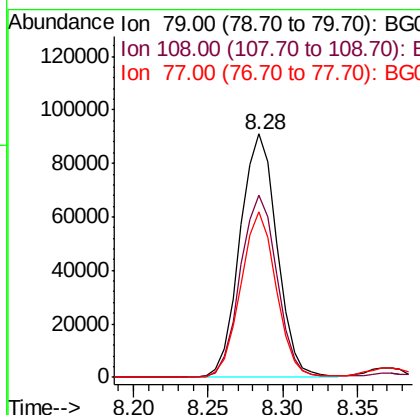
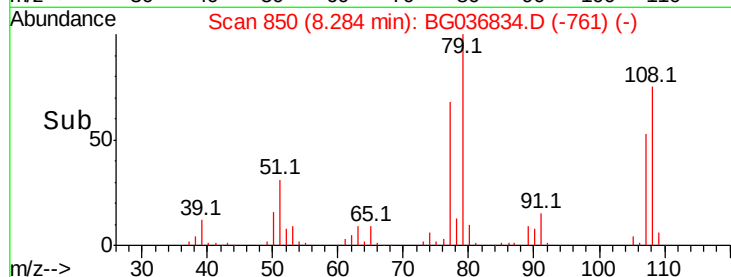
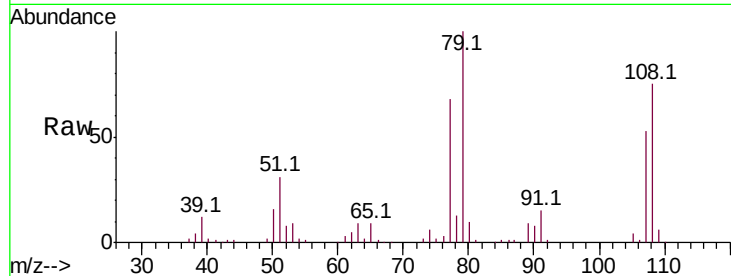
#15
Benzyl Alcohol
Concen: 41.638 ng
RT: 8.28 min Scan# 850
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB113024BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.9	55.9	83.9
77	67.9	50.0	75.0

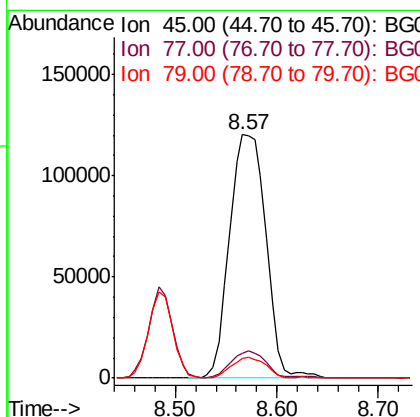
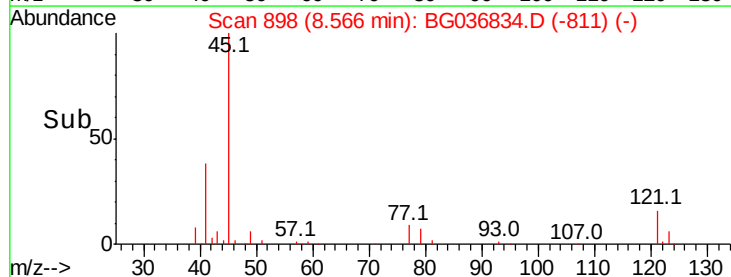
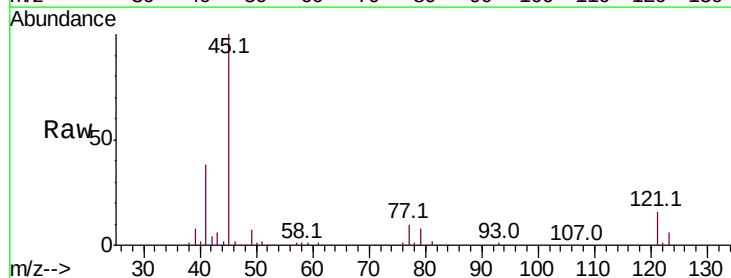
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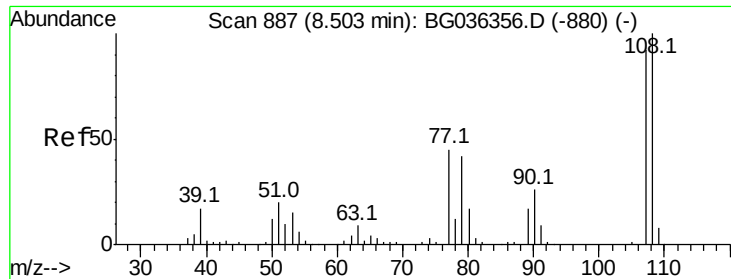
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.274 ng
RT: 8.57 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.9	0.0	30.5
79	7.9	0.0	27.9





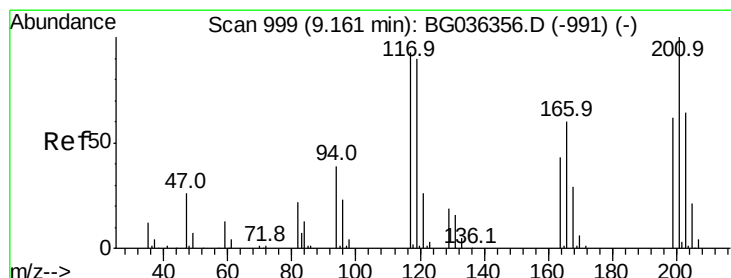
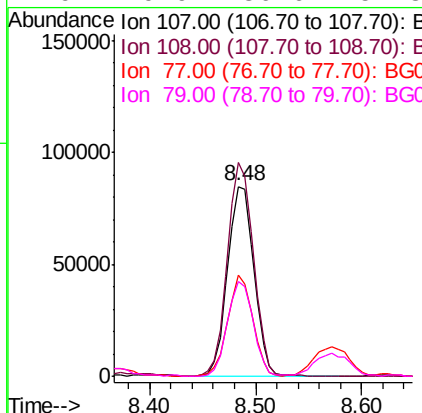
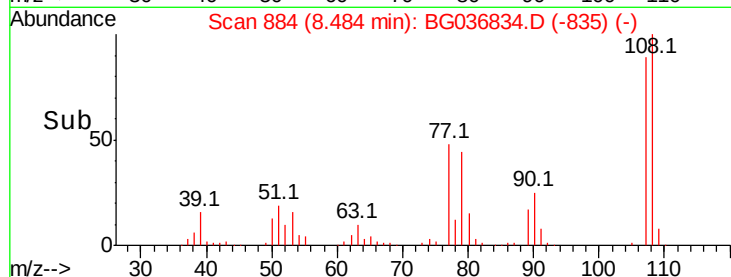
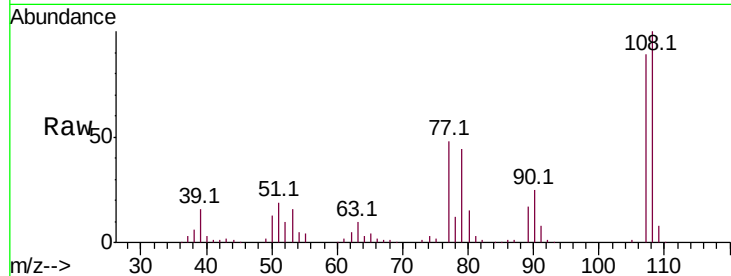
#17
2-Methylphenol
Concen: 45.236 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB113024BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	112.4	86.7	130.1		
77	53.5	39.0	58.4		
79	49.9	36.6	54.8		

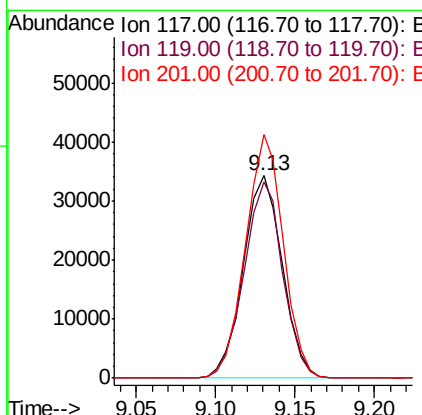
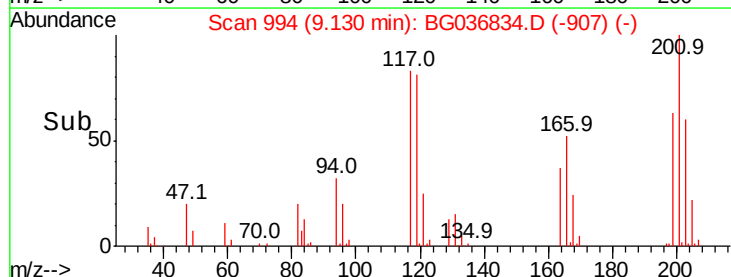
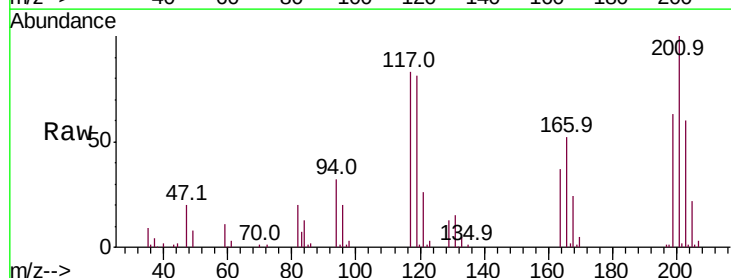
Manual Integrations
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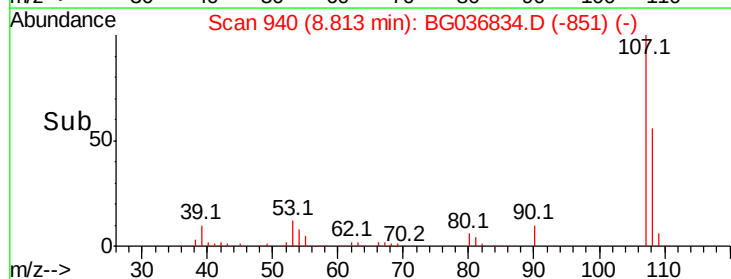
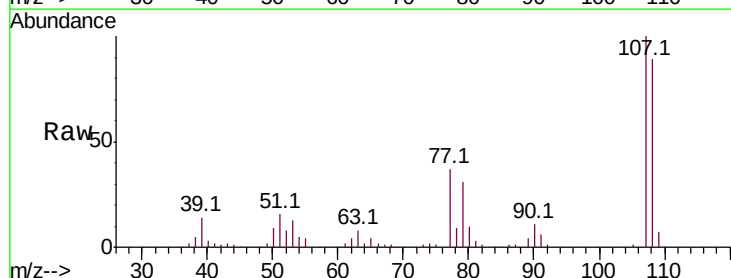
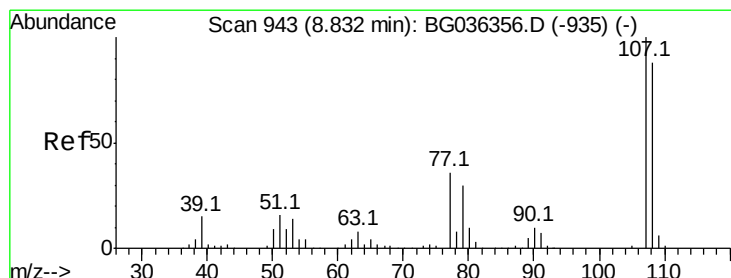
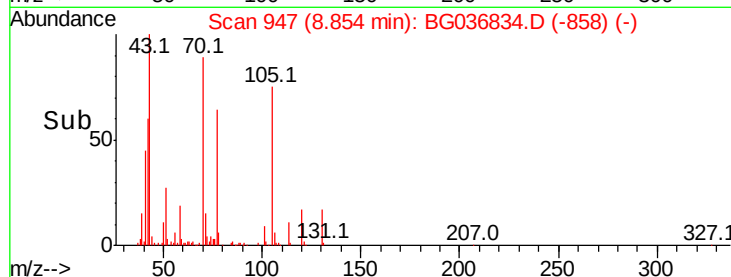
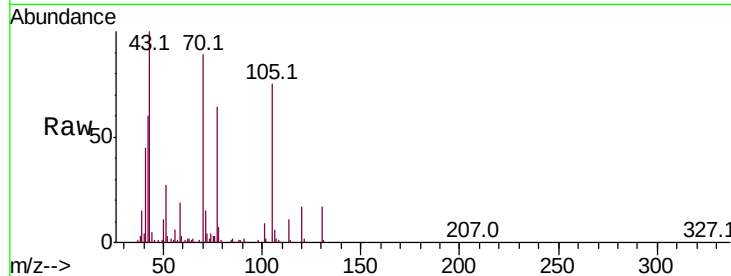
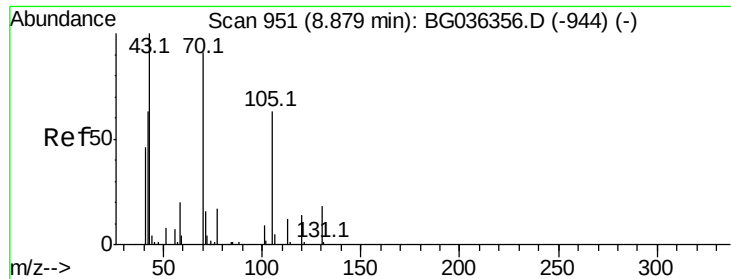
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#18
Hexachloroethane
Concen: 40.158 ng
RT: 9.13 min Scan# 994
Delta R.T. -0.02 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

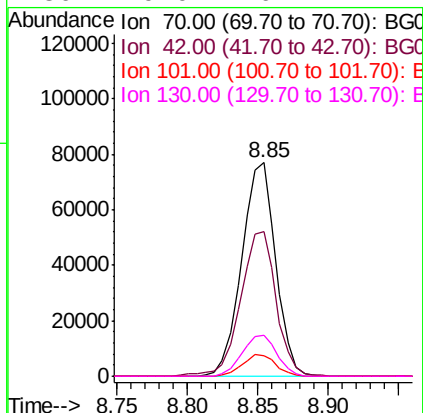
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	96.9	76.8	115.2		
201	120.2	85.7	128.5		





#19
n-Nitroso-di-n-propylamine
Concen: 37.097 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	67.9	56.2	84.4		
101	9.7	7.8	11.6		
130	19.0	16.2	24.2		



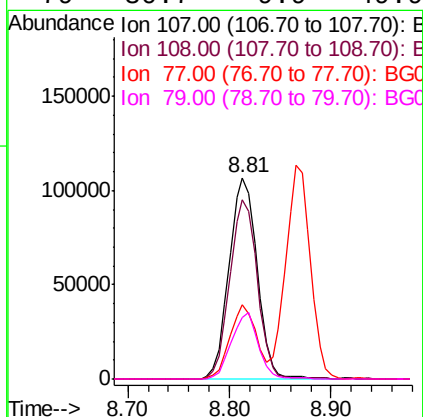
Instrument :
BNA_G
ClientSampleId :
PB113024BS

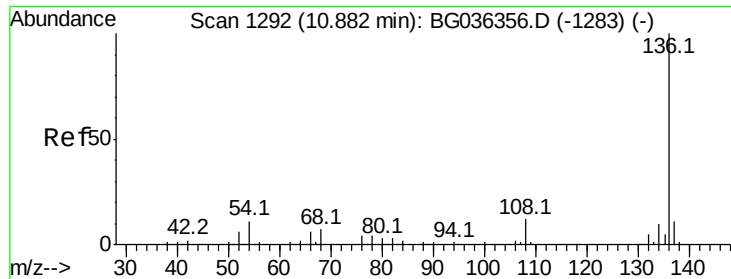
Manual Integrations
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#20
3+4-Methylphenols
Concen: 45.426 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.1	68.0	108.0		
77	36.6	15.6	55.6		
79	30.7	9.9	49.9		





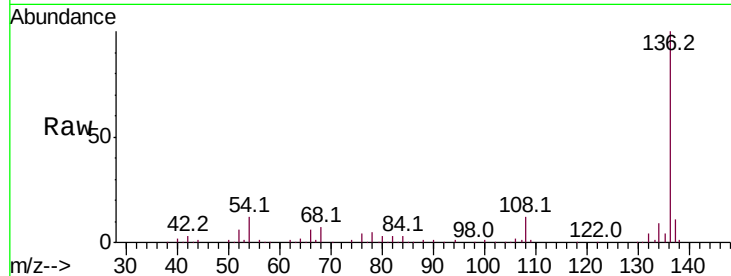
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB113024BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	218306		
137	10.9		8.8	13.2
54	11.7		9.2	13.8
68	6.6		5.8	8.6

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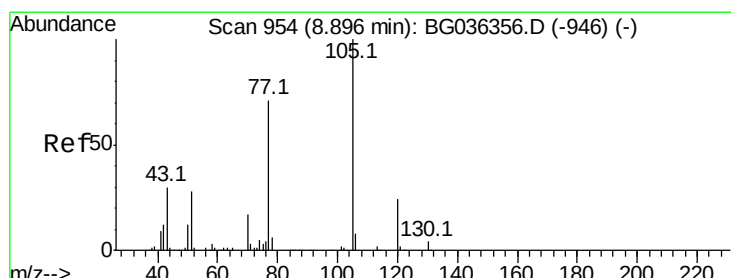
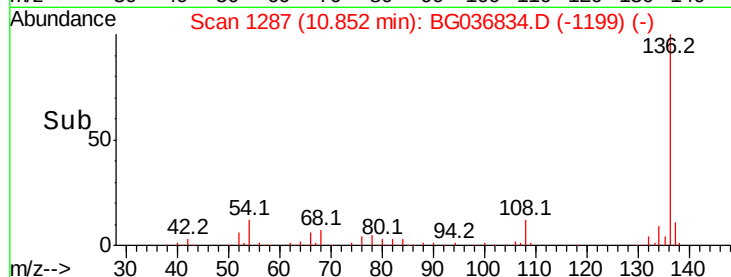
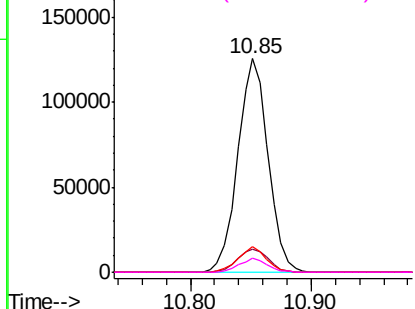
Abundance

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: 40.974 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	234885		
71	3.9		2.4	3.6#
51	32.9		25.9	38.9
120	22.9		19.4	29.0

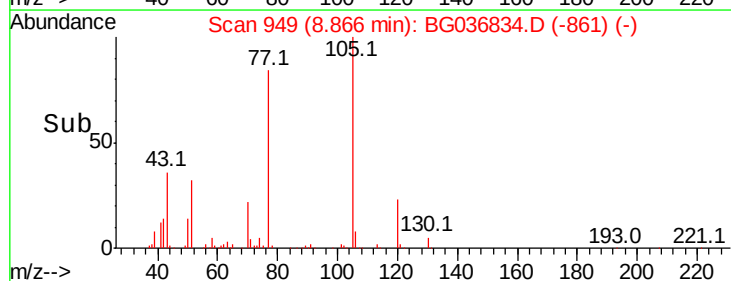
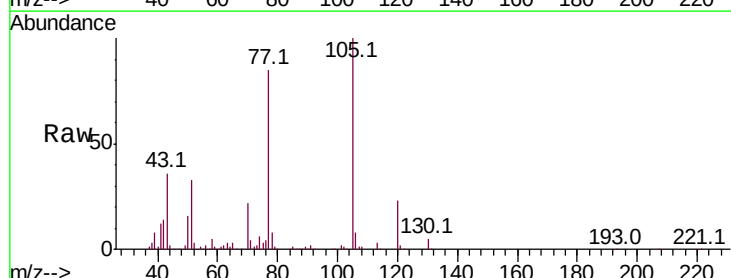
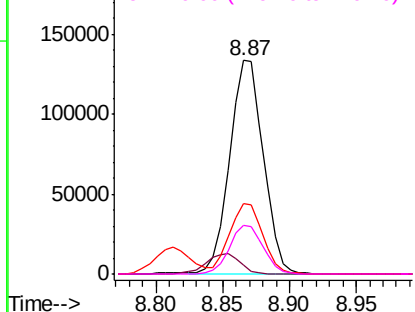
Abundance

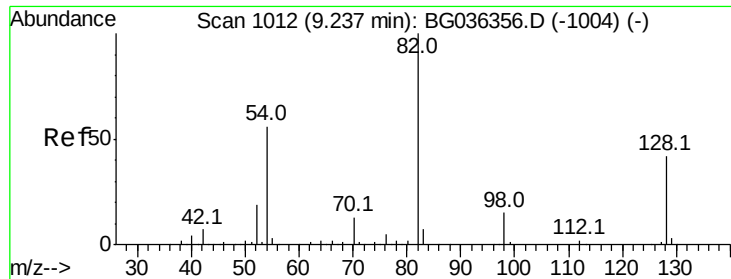
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





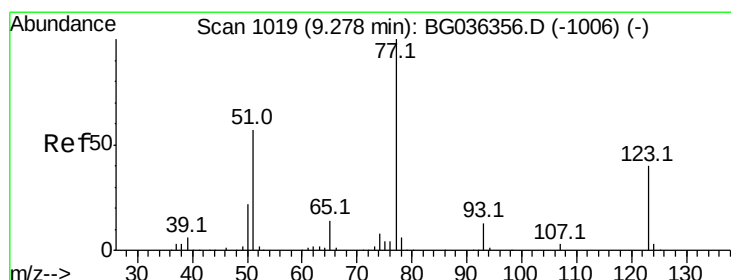
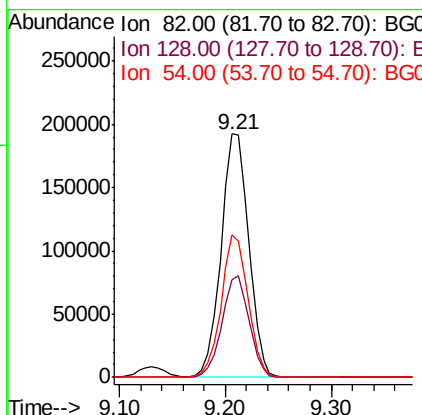
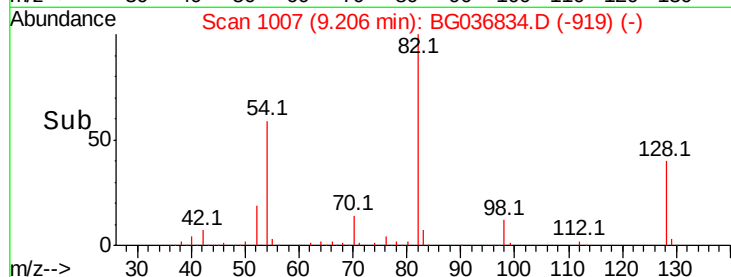
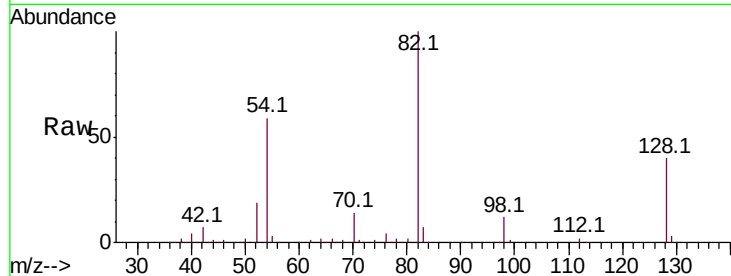
#23
 Nitrobenzene-d5
 Concen: 86.885 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113024BS

Tot Ion:	82	Resp:	349587
Ion Ratio	Lower	Upper	
82	100		
128	40.1	33.3	49.9
54	58.7	45.1	67.7

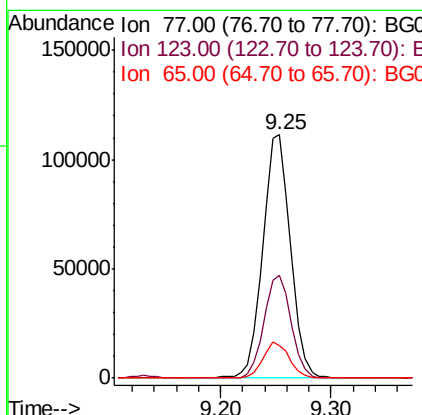
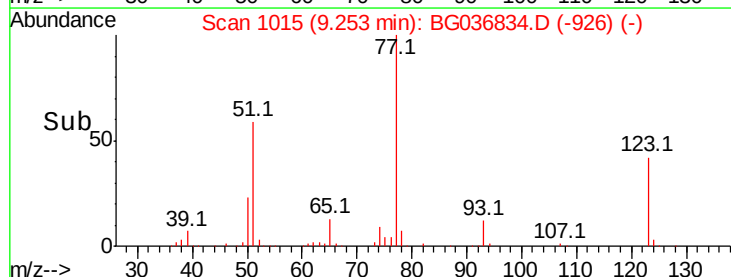
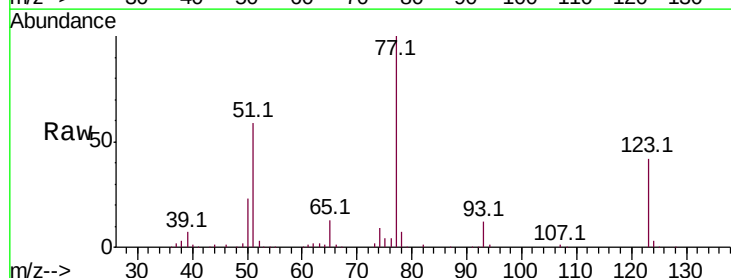
Manual Integrations
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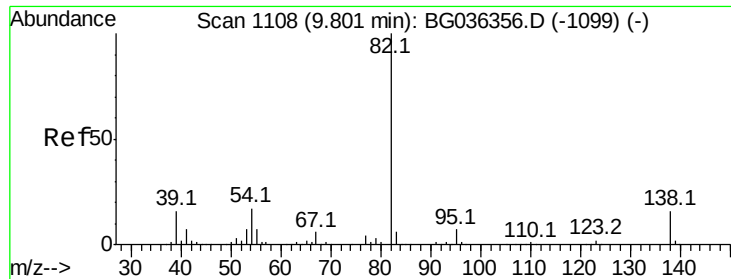
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#24
 Nitrobenzene
 Concen: 44.978 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Tgt Ion:	77	Resp:	195148
Ion Ratio	Lower	Upper	
77	100		
123	42.4	32.4	48.6
65	13.1	11.5	17.3





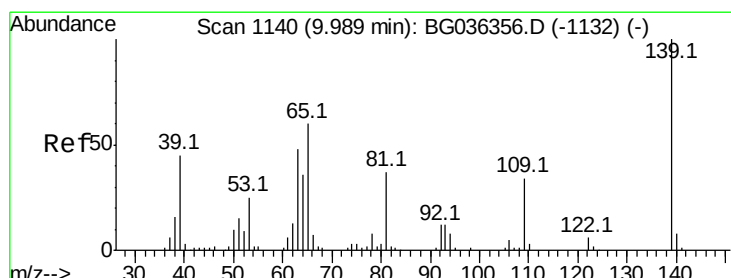
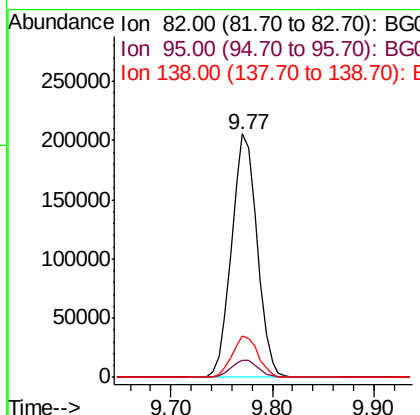
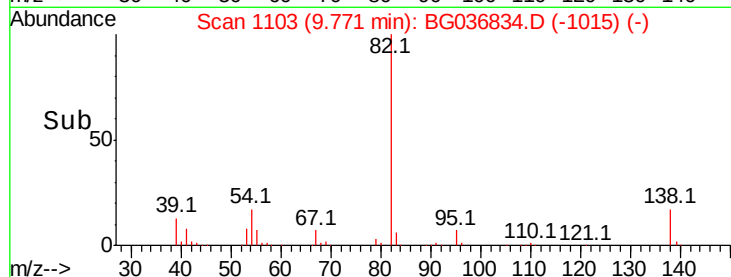
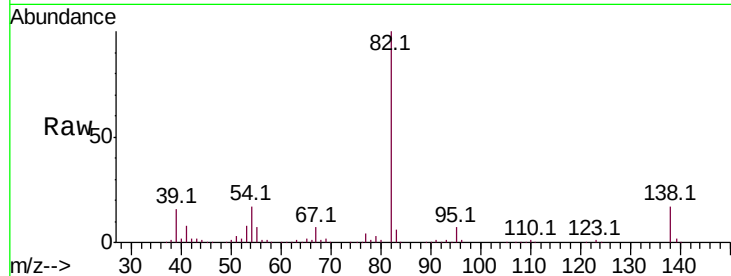
#25
Isophorone
Concen: 44.941 ng
RT: 9.77 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB113024BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	359211		
95	7.3		5.8	8.8
138	17.2		12.9	19.3

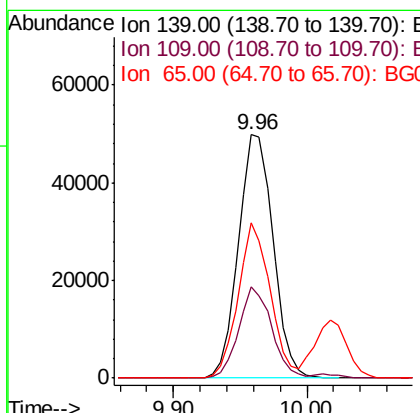
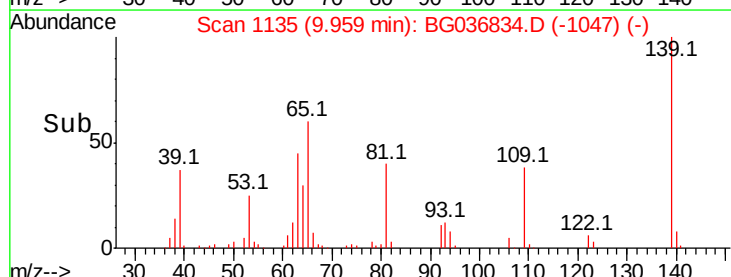
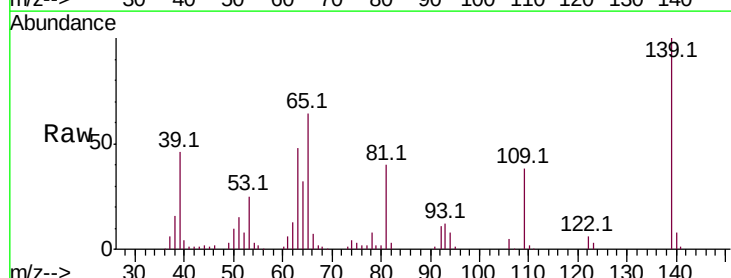
Manual Integrations
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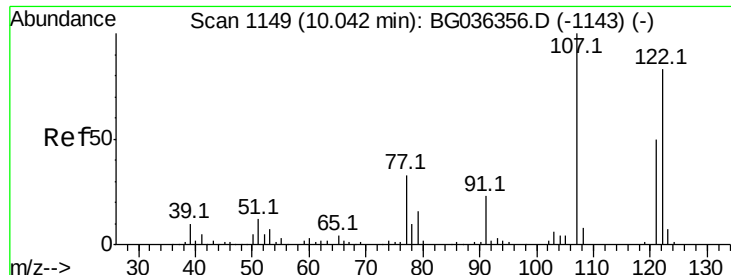
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#26
2-Nitrophenol
Concen: 52.136 ng
RT: 9.96 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	89638		
109	37.5		27.4	41.0
65	63.6		47.8	71.6





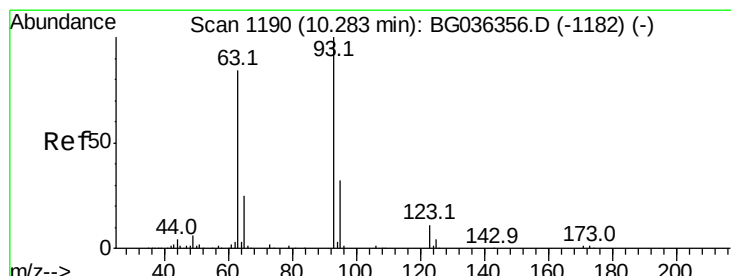
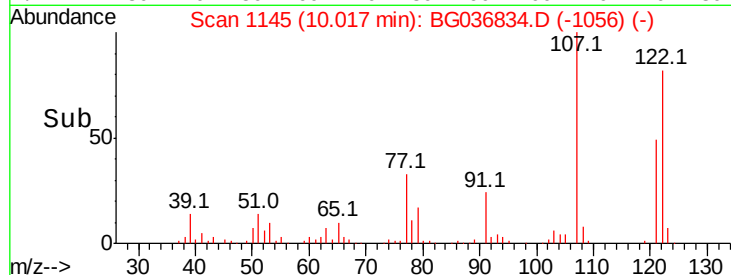
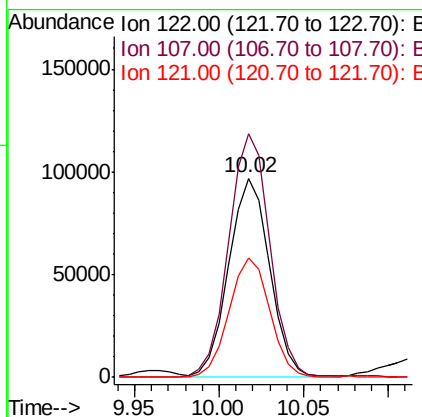
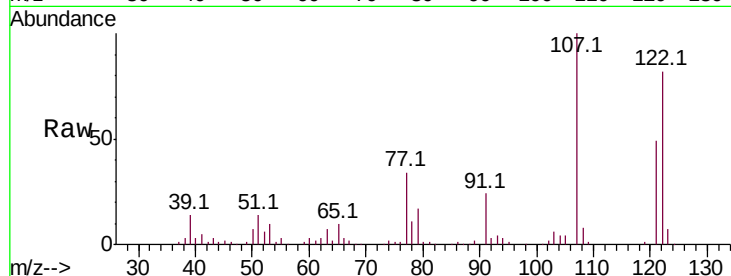
#27
 2,4-Dimethylphenol
 Concen: 51.072 ng
 RT: 10.02 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113024BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	162568		
107	122.1	96.0	144.0	
121	60.0	48.2	72.4	

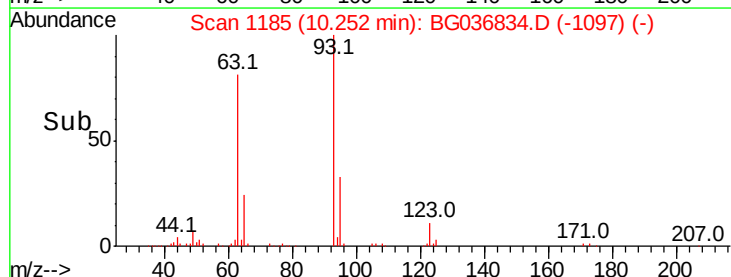
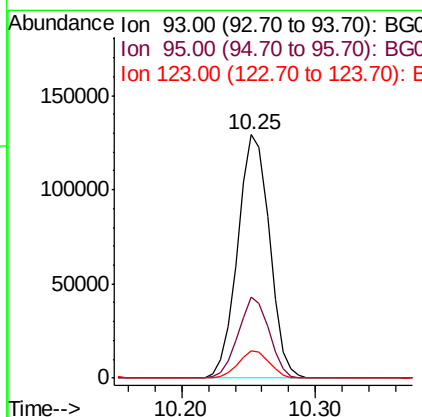
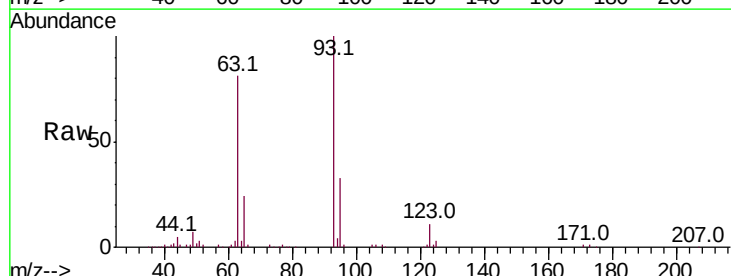
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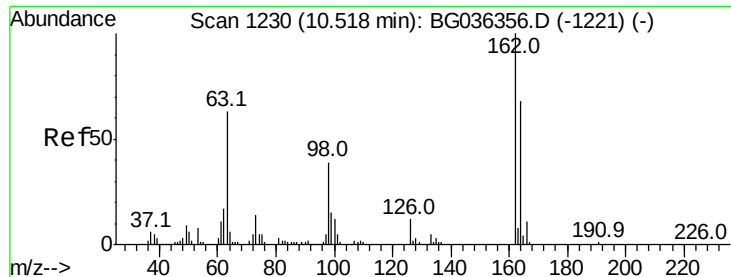
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.413 ng
 RT: 10.25 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	212964		
95	33.5	25.2	37.8	
123	11.3	8.6	12.8	





#29

2,4-Dichlorophenol

Concen: 50.632 ng

RT: 10.50 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BG036834.D

Acq: 20 Sep 2018 00:32

Instrument :

BNA_G

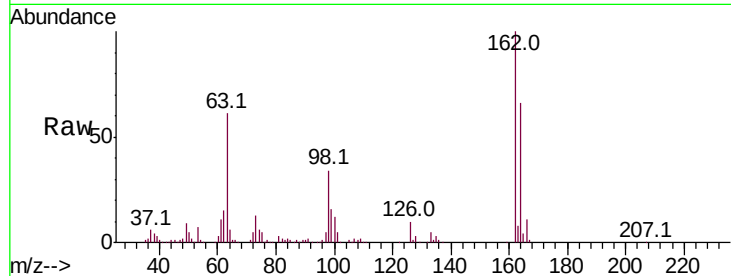
ClientSampleId :

PB113024BS

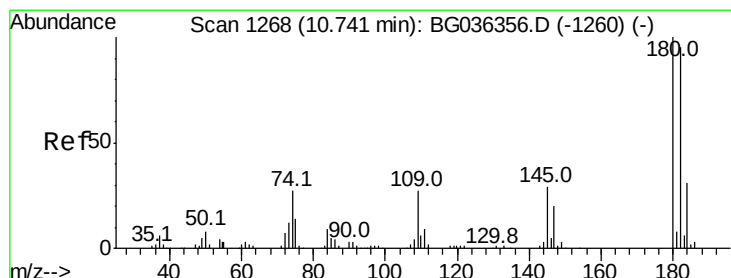
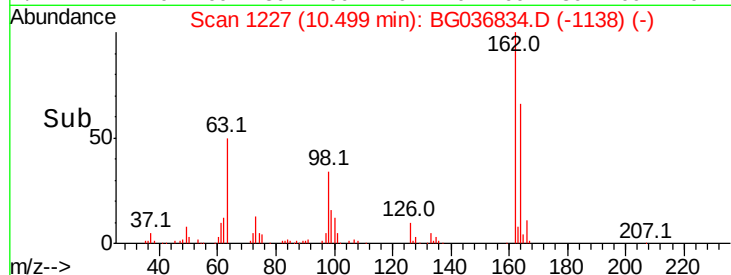
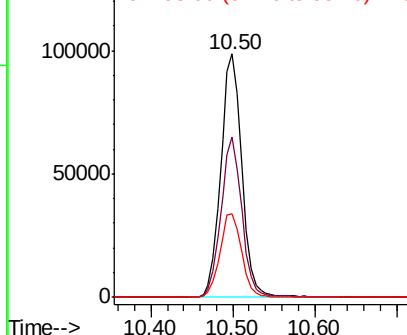
Tot Ion:	162	Resp:	176629
Ion Ratio	Lower	Upper	
162	100		
164	66.1	47.6	87.6
98	34.4	19.2	59.2

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



#30

1,2,4-Trichlorobenzene

Concen: 41.873 ng

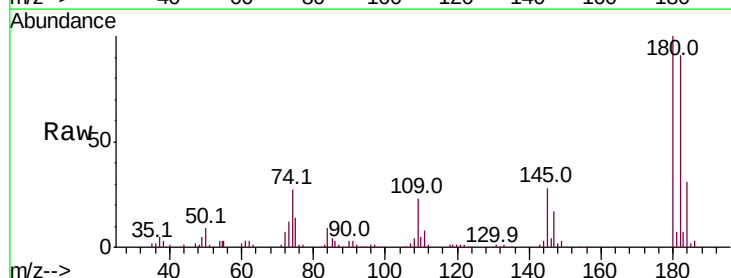
RT: 10.71 min Scan# 1263

Delta R.T. -0.02 min

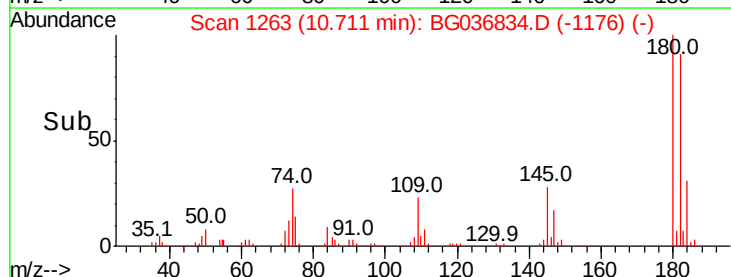
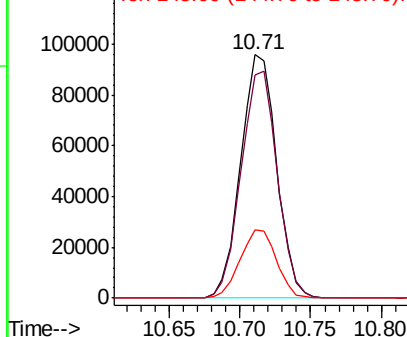
Lab File: BG036834.D

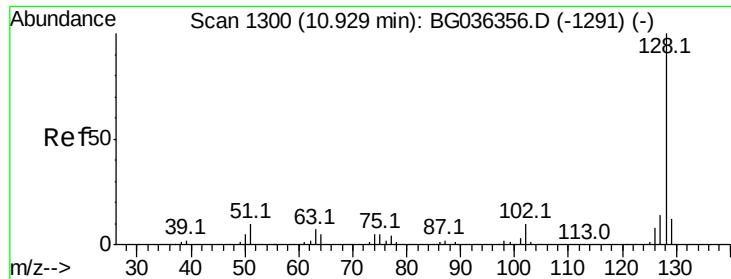
Acq: 20 Sep 2018 00:32

Tgt Ion:	180	Resp:	170881
Ion Ratio	Lower	Upper	
180	100		
182	91.4	76.0	114.0
145	27.8	22.9	34.3



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





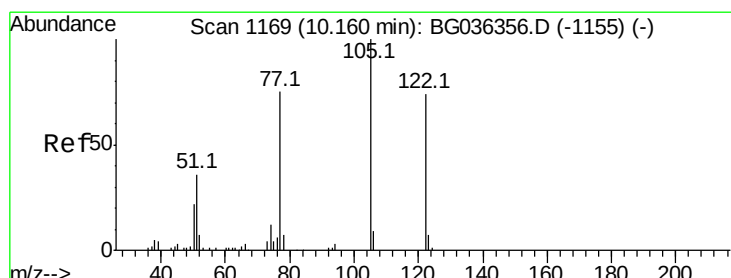
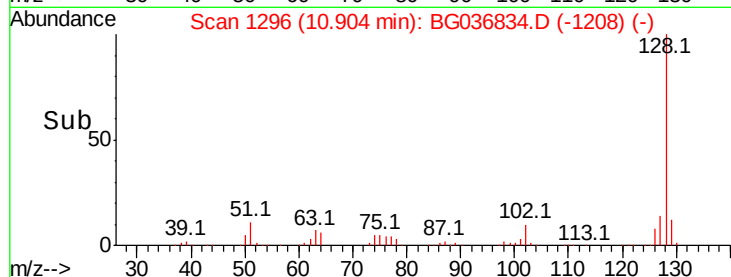
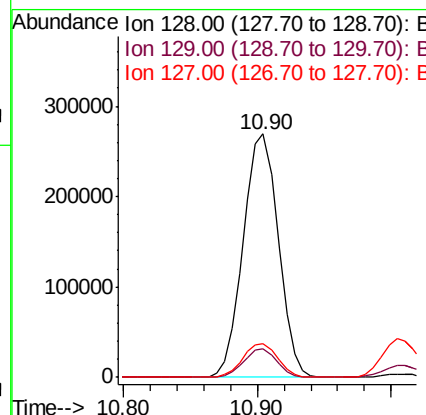
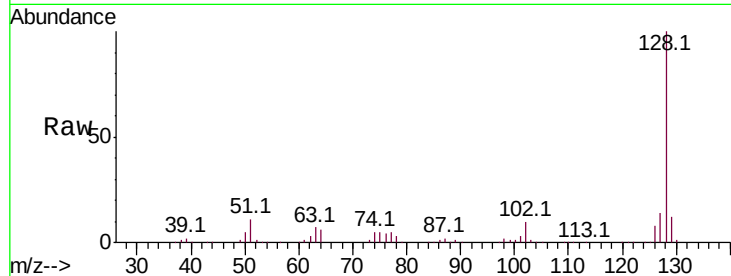
#31
Naphthalene
Concen: 45.063 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB113024BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.2
127	13.6	11.0	16.4

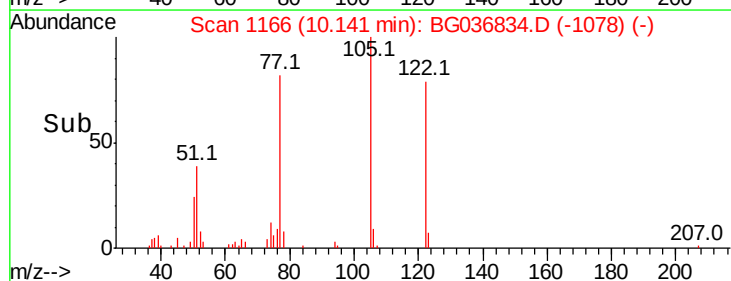
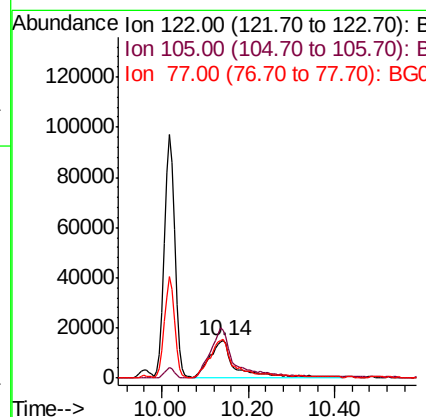
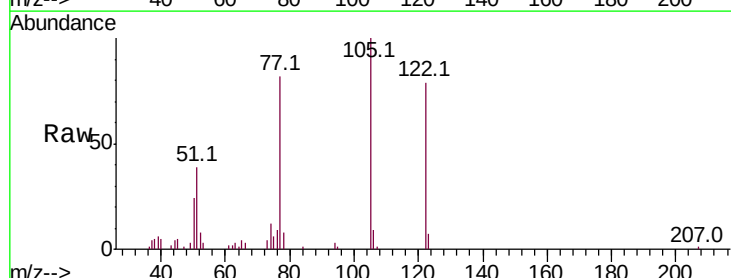
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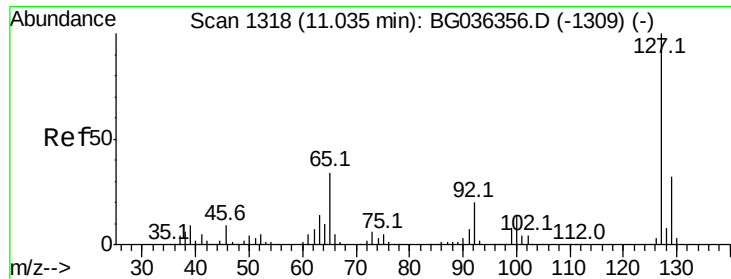
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#32
Benzoic acid
Concen: 29.007 ng m
RT: 10.14 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.9	108.1	148.1
77	103.7	76.3	116.3





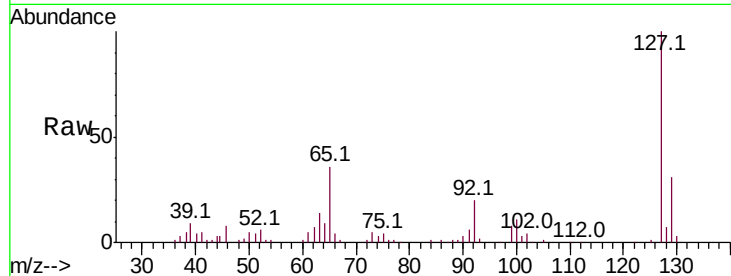
#33
4-Chloroaniline
Concen: 16.275 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB113024BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	36.2	27.5	41.3
92	19.7	16.2	24.2

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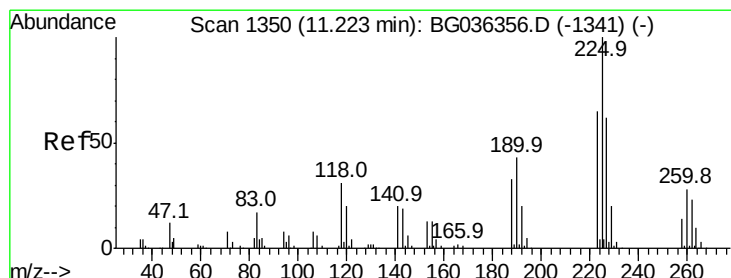
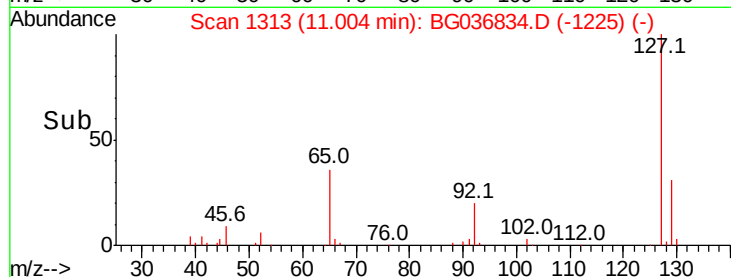
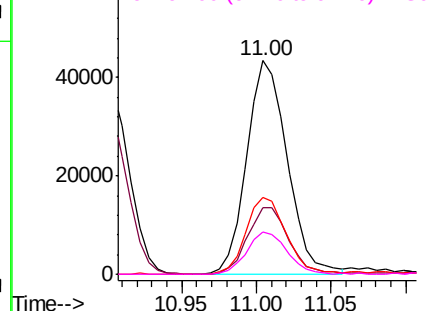
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

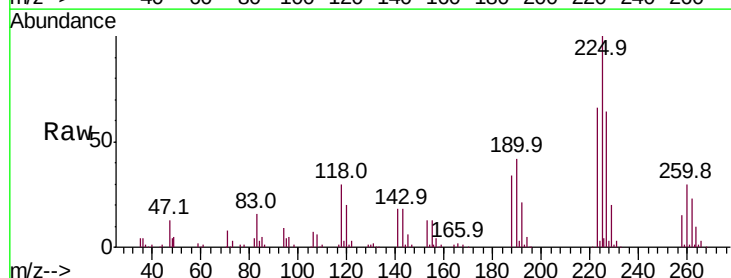
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 42.049 ng
RT: 11.19 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.4	51.8	77.8
227	63.8	49.8	74.6

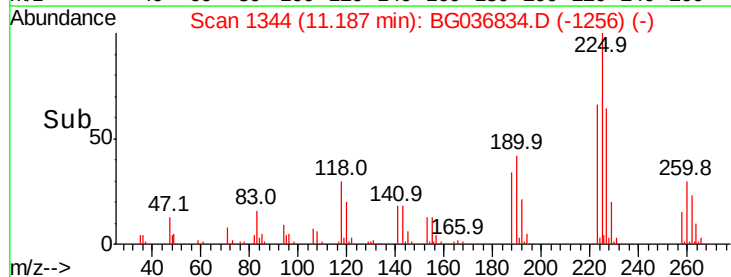
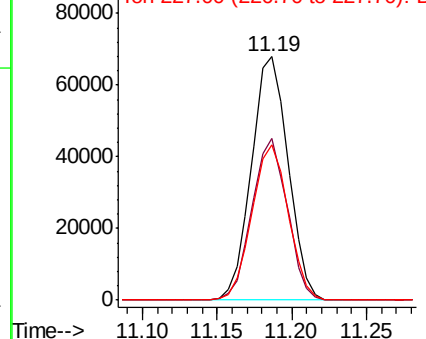


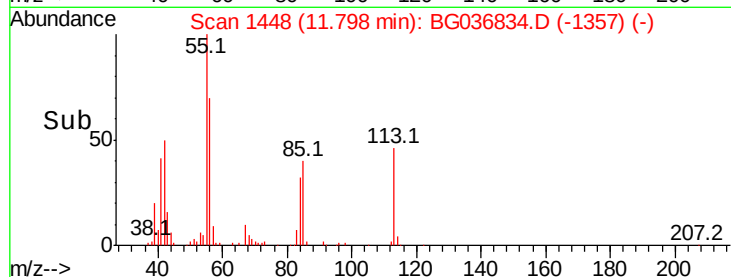
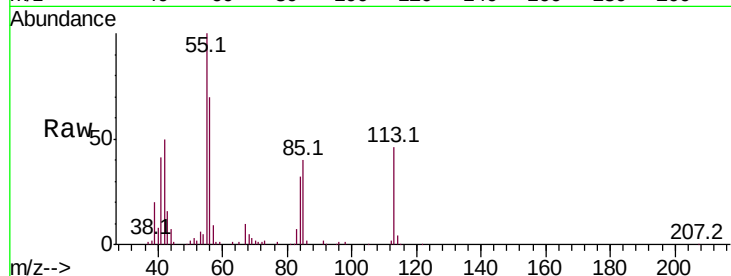
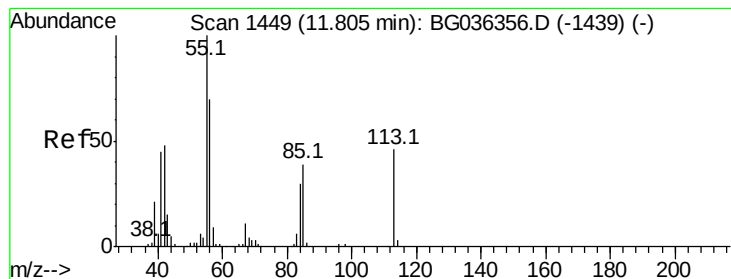
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.360 ng

RT: 11.80 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BG036834.D

Acq: 20 Sep 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113024BS

Tot Ion:113 Resp: 65815

Ion Ratio Lower Upper

113 100

55 216.3 197.7 237.7

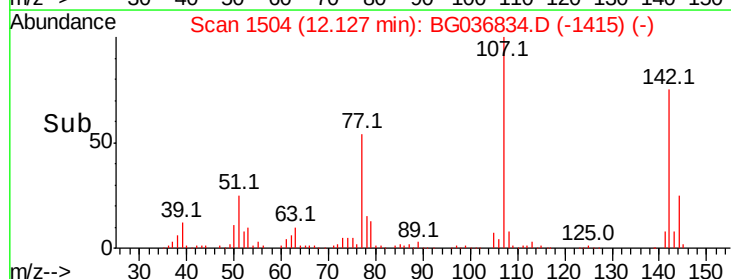
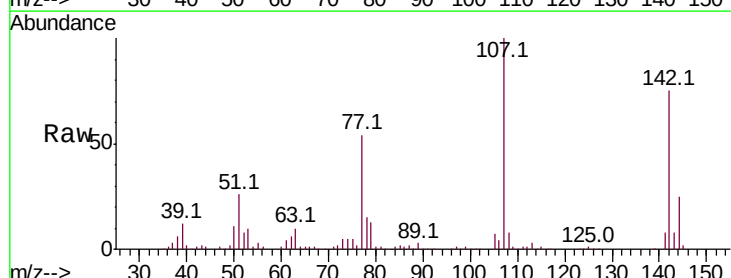
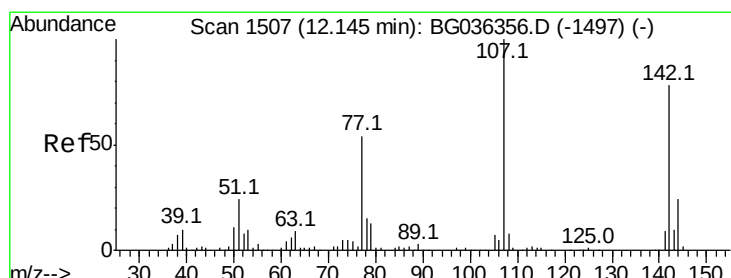
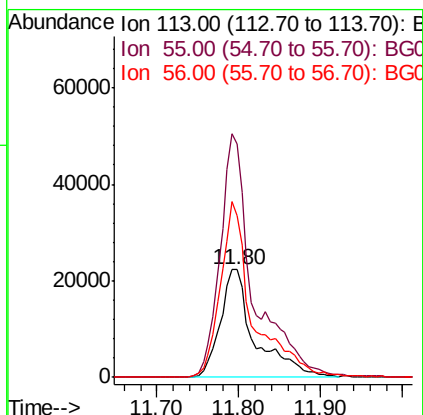
56 150.5 131.7 171.7

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#36

4-Chloro-3-methylphenol

Concen: 50.545 ng

RT: 12.13 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG036834.D

Acq: 20 Sep 2018 00:32

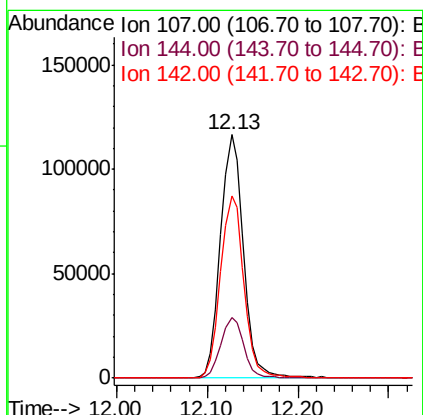
Tgt Ion:107 Resp: 204883

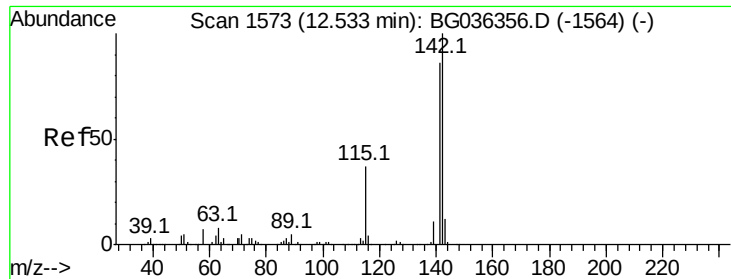
Ion Ratio Lower Upper

107 100

144 24.7 19.5 29.3

142 74.7 62.4 93.6





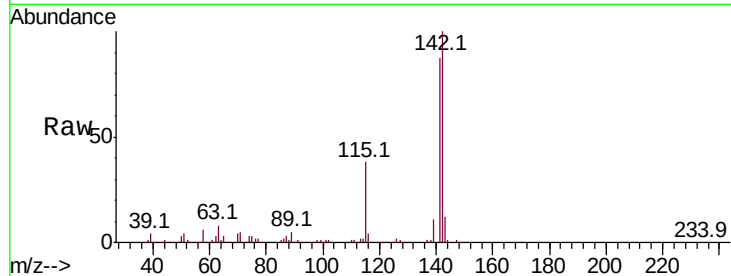
#37
2-Methylnaphthalene
Concen: 48.209 ng
RT: 12.50 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB113024BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.9	68.5	102.7
115	37.8	29.8	44.8

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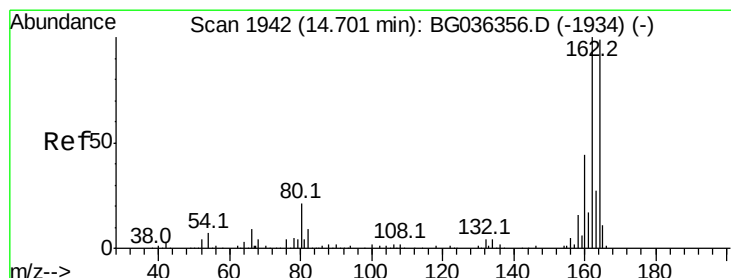
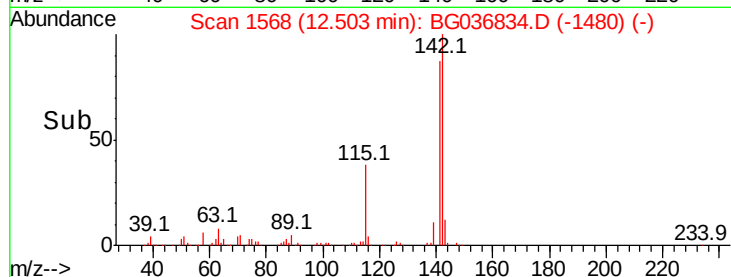
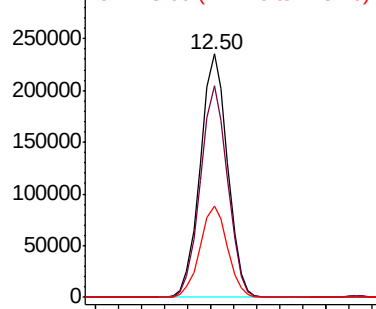


Abundance

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: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

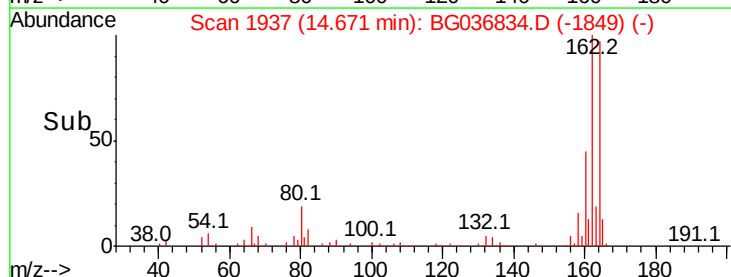
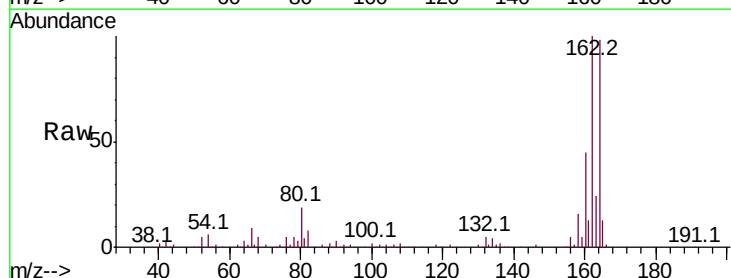
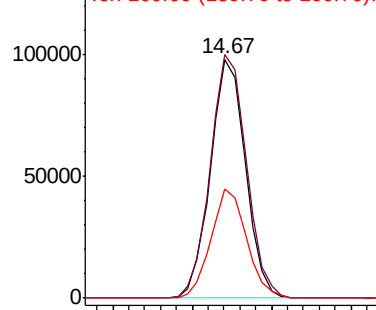
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.7	121.1
160	45.8	35.3	52.9

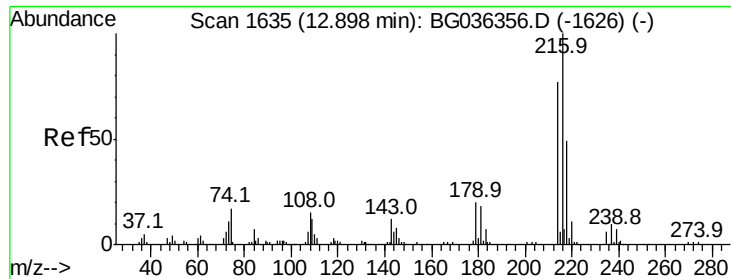
Abundance

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





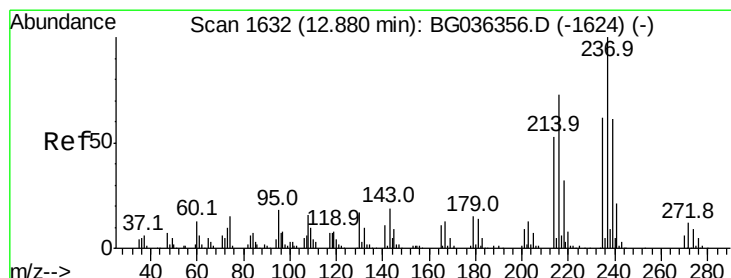
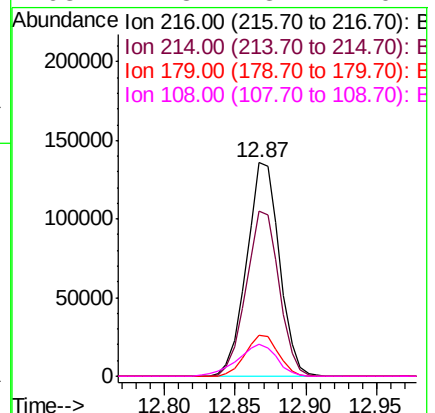
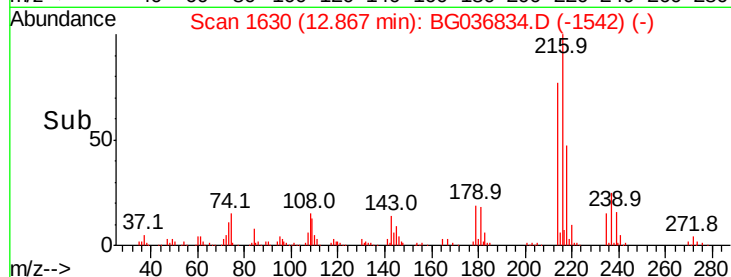
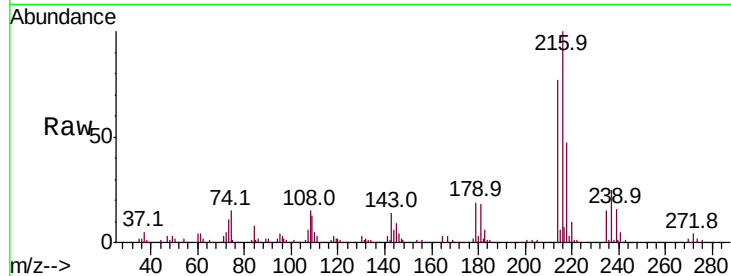
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.760 ng
 RT: 12.87 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113024BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.3	61.0	91.6
179	19.3	15.7	23.5
108	17.8	13.1	19.7

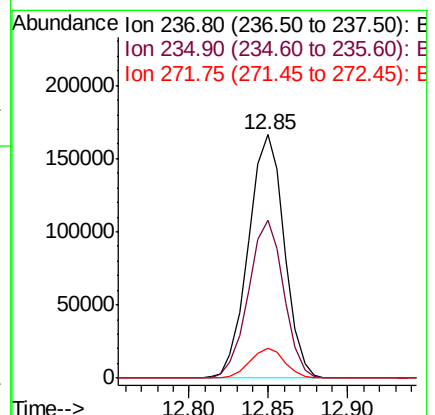
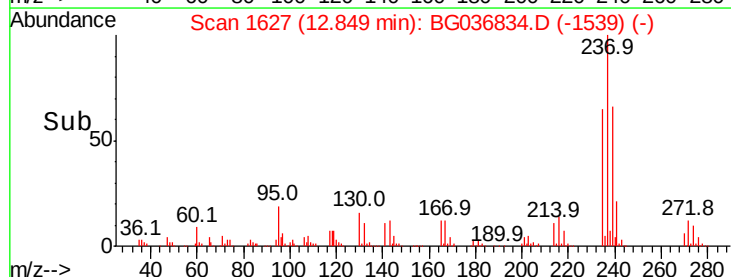
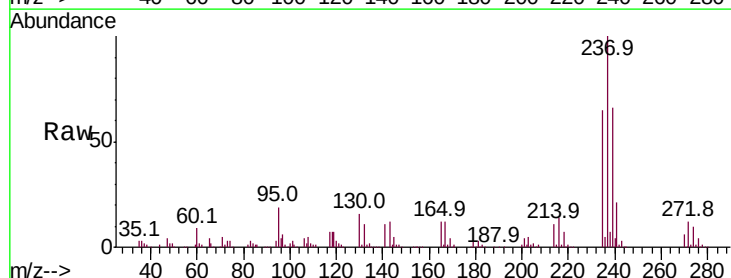
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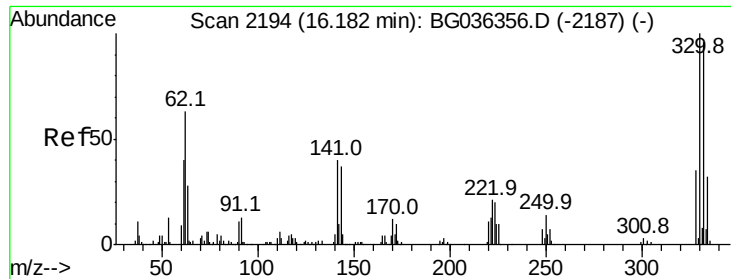
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#40
 Hexachlorocyclopentadiene
 Concen: 94.353 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.8	42.2	82.2
272	12.1	0.0	32.1





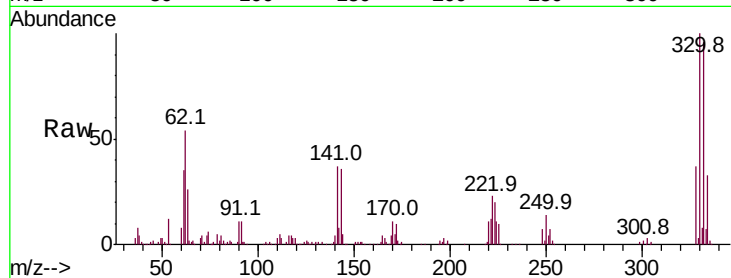
#41
 2,4,6-Tribromophenol
 Concen: 144.866 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113024BS

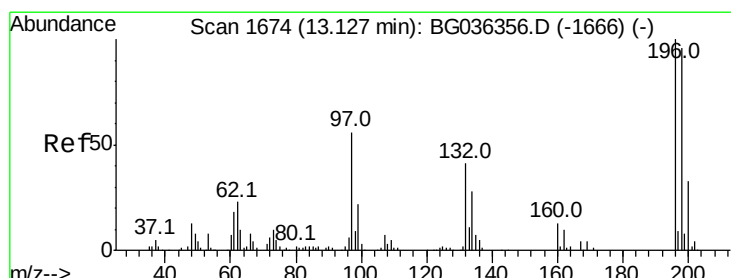
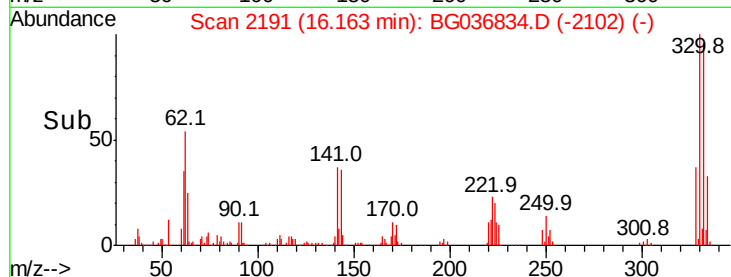
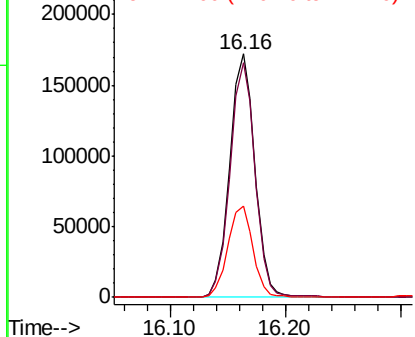
Tot Ion	Ratio	Resp	Lower	Upper
330	100	259734		
332	95.6		75.4	113.2
141	37.8		30.7	46.1

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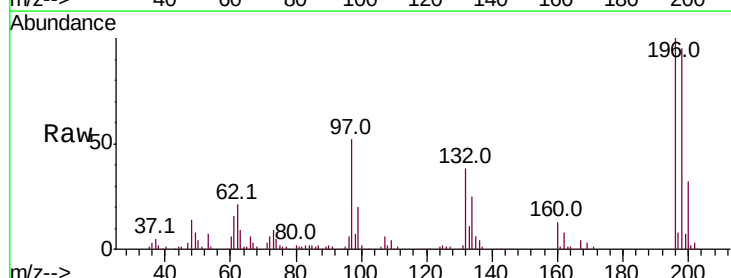


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

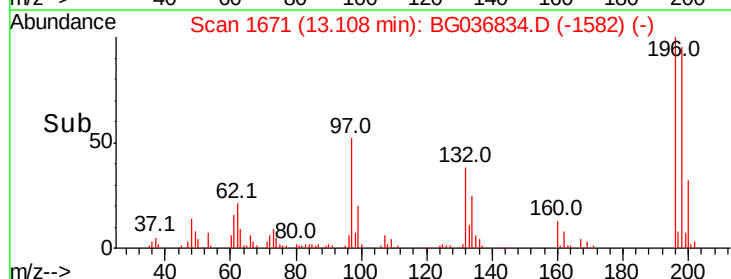
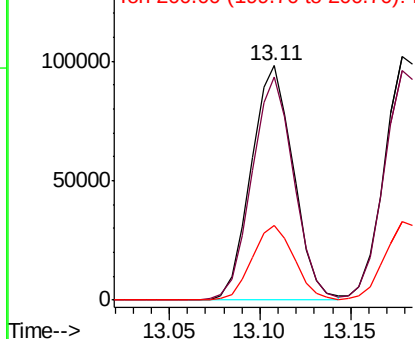


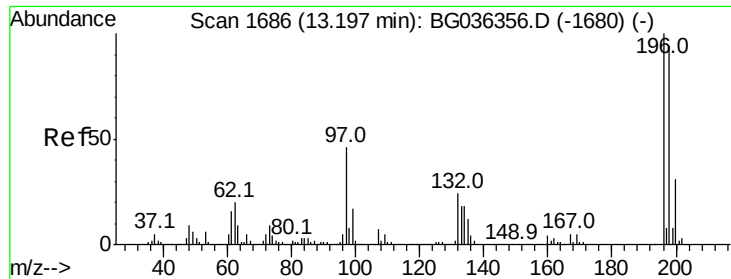
#42
 2,4,6-Trichlorophenol
 Concen: 48.952 ng
 RT: 13.11 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	158564		
198	95.3		77.2	115.8
200	31.8		26.3	39.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





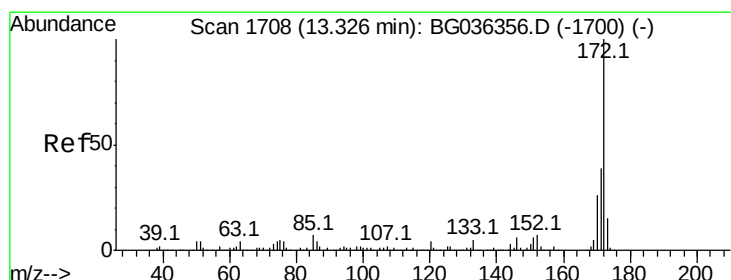
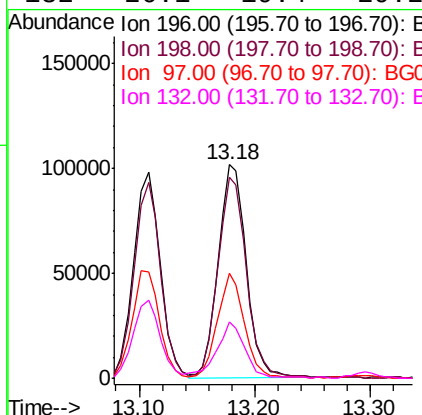
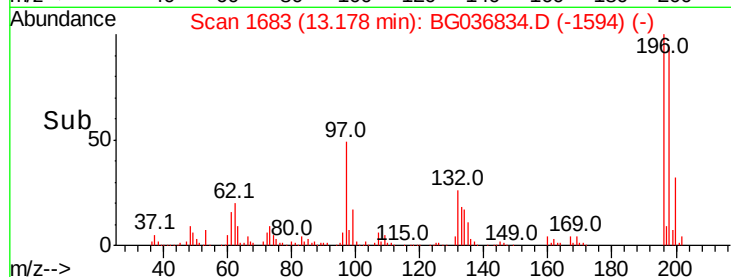
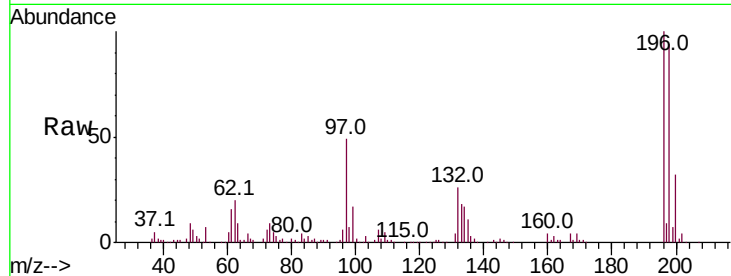
#43
 2,4,5-Trichlorophenol
 Concen: 49.548 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113024BS

Tot Ion	196	Resp	171182
Ion Ratio	Lower	Upper	
196	100		
198	94.3	75.6	113.4
97	49.2	37.2	55.8
132	26.1	19.4	29.2

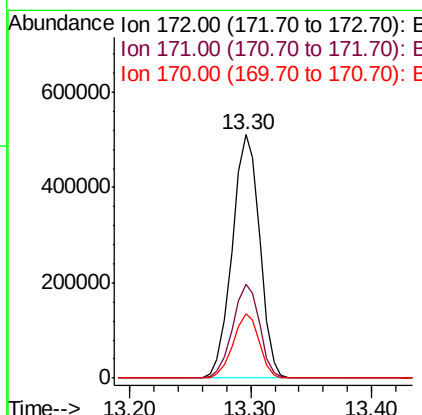
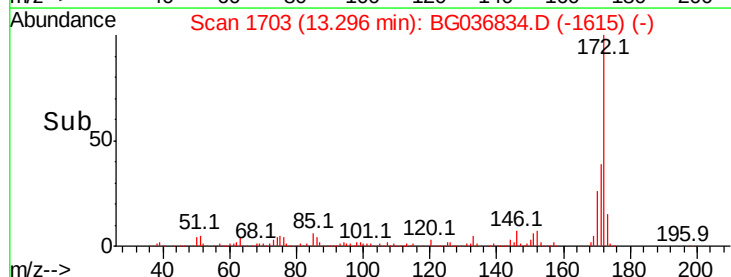
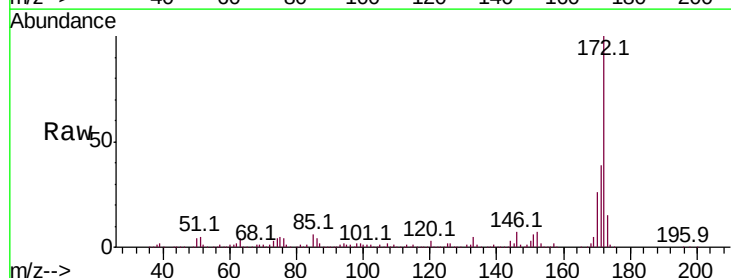
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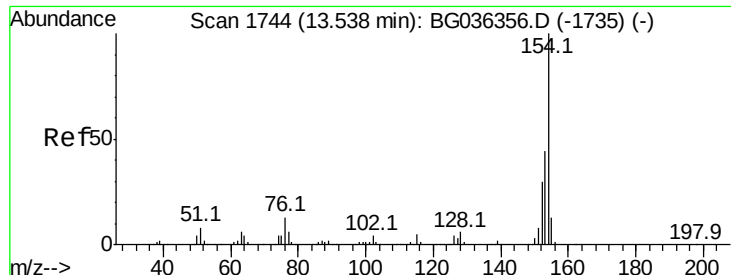
Sohil
 9/20/2018 11:46:47 AM



#44
 2-Fluorobiphenyl
 Concen: 76.764 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Tgt Ion	172	Resp	807838
Ion Ratio	Lower	Upper	
172	100		
171	38.5	31.3	46.9
170	26.3	21.0	31.6





#45

1,1'-Biphenyl

Concen: 40.913 ng

RT: 13.51 min Scan# 1739

Delta R.T. -0.01 min

Lab File: BG036834.D

Acq: 20 Sep 2018 00:32

Instrument :

BNA_G

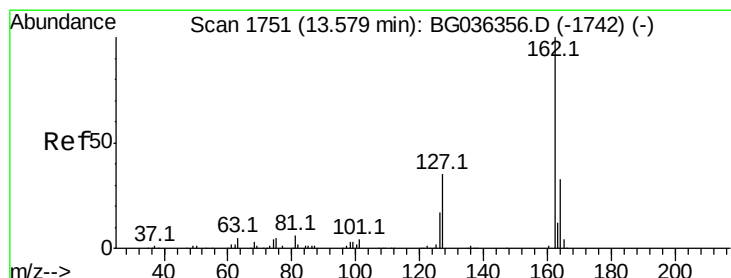
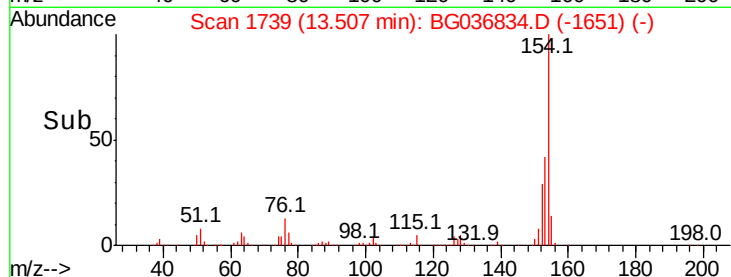
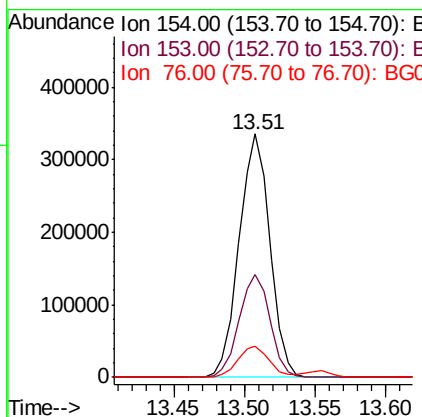
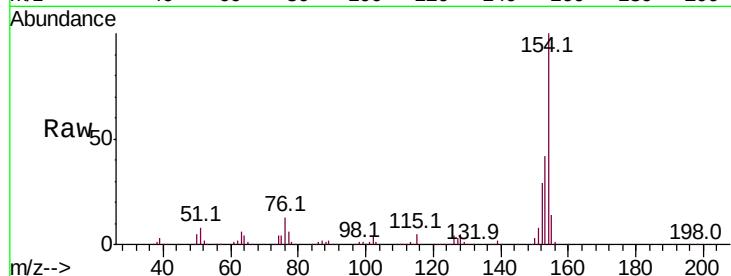
ClientSampleId :

PB113024BS

Tot Ion:	154	Resp:	510296
Ion Ratio	Lower	Upper	
154	100		
153	42.3	24.0	64.0
76	13.0	0.0	32.9

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#46

2-Chloronaphthalene

Concen: 41.363 ng

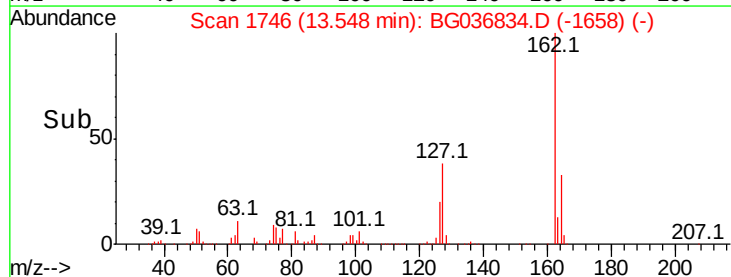
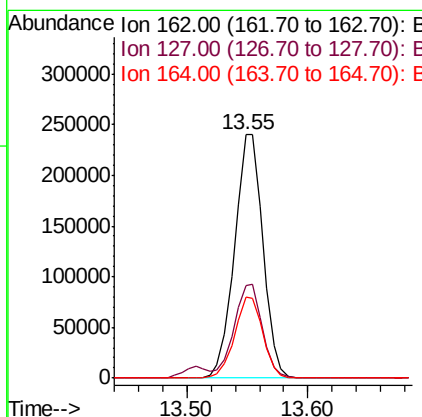
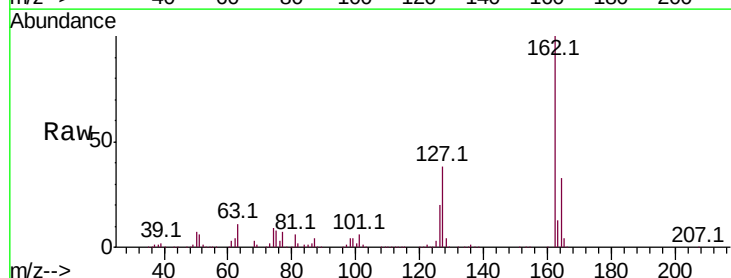
RT: 13.55 min Scan# 1746

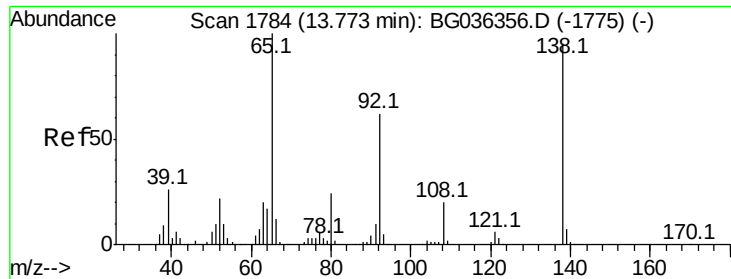
Delta R.T. -0.01 min

Lab File: BG036834.D

Acq: 20 Sep 2018 00:32

Tgt Ion:	162	Resp:	393852
Ion Ratio	Lower	Upper	
162	100		
127	38.2	30.7	46.1
164	33.5	26.7	40.1





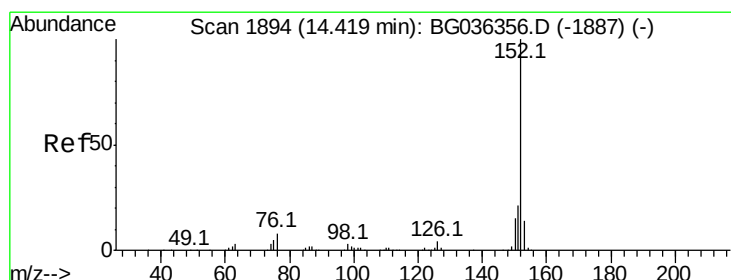
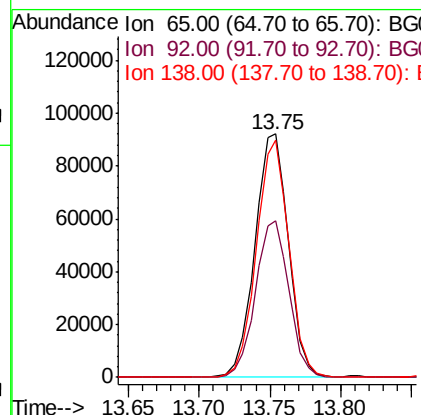
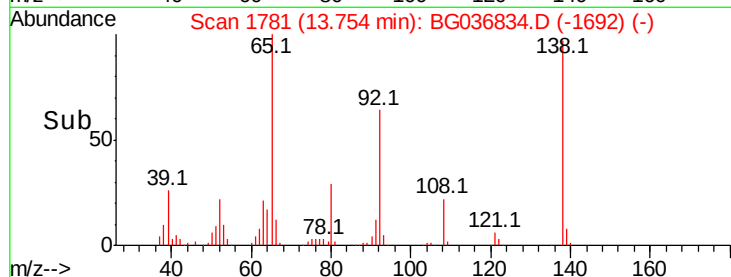
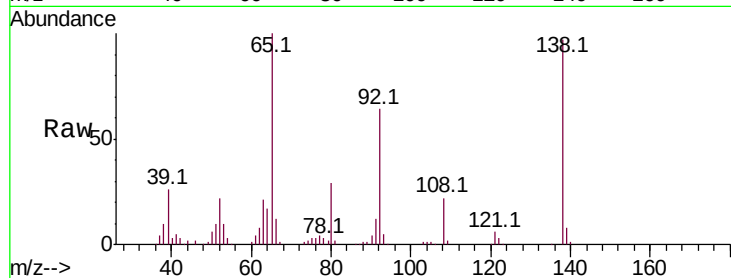
#47
2-Nitroaniline
Concen: 51.302 ng
RT: 13.75 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB113024BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.3	49.9	74.9
138	97.3	76.2	114.4

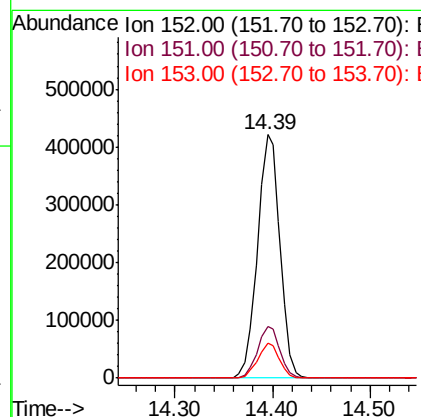
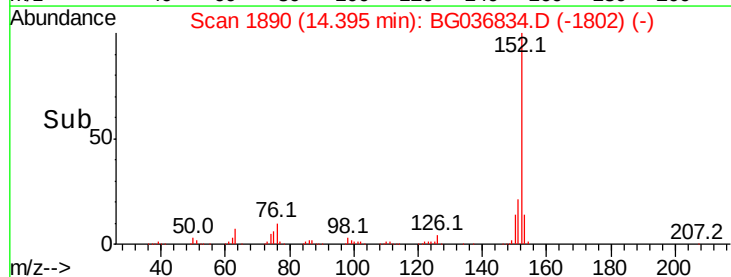
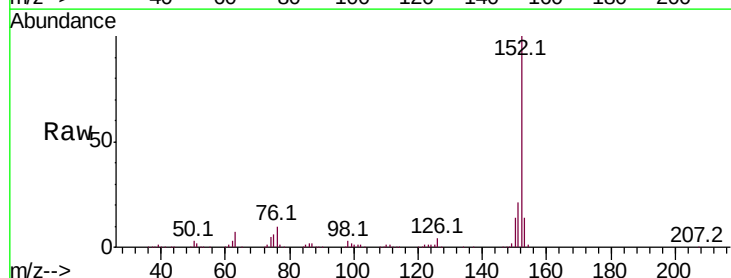
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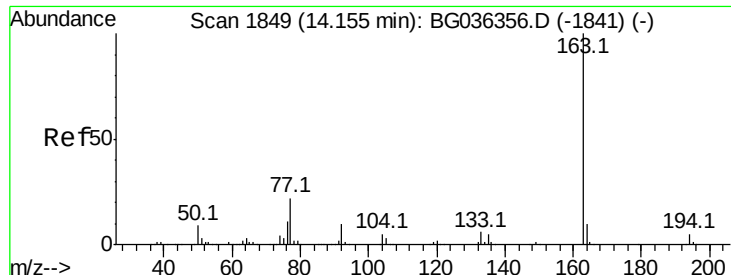
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#48
Acenaphthylene
Concen: 45.812 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.9	25.3
153	14.1	11.2	16.8





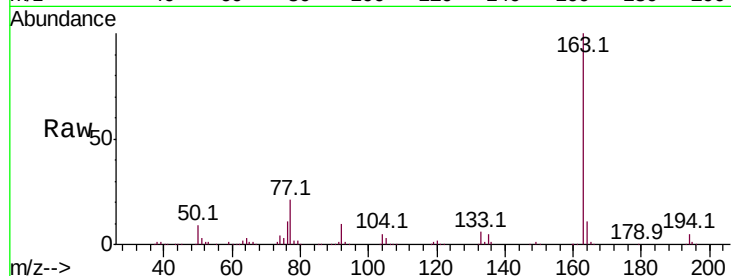
#49
Dimethylphthalate
Concen: 45.266 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB113024BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	555392		
194	5.2	4.0	6.0	
164	10.6	8.1	12.1	

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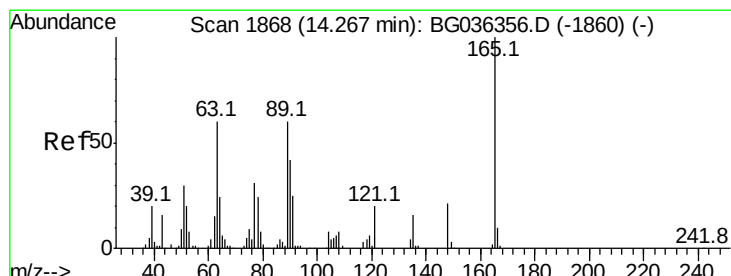
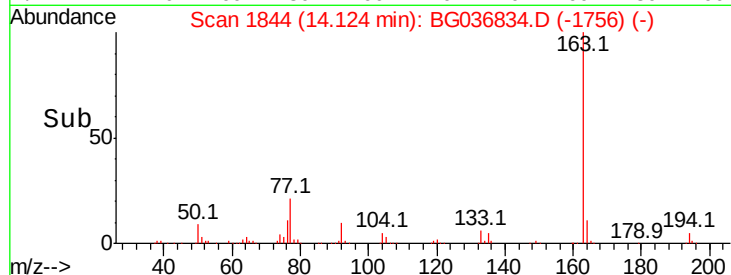
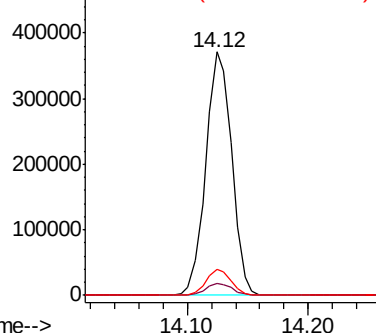


Abundance

Ion 163.00 (162.70 to 163.70): E

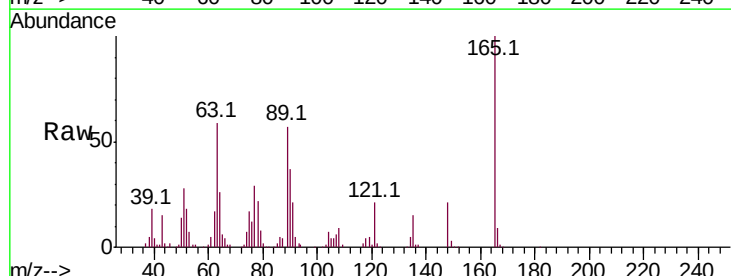
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 48.834 ng
RT: 14.25 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	123293		
63	59.4	50.1	75.1	
89	56.6	47.8	71.6	

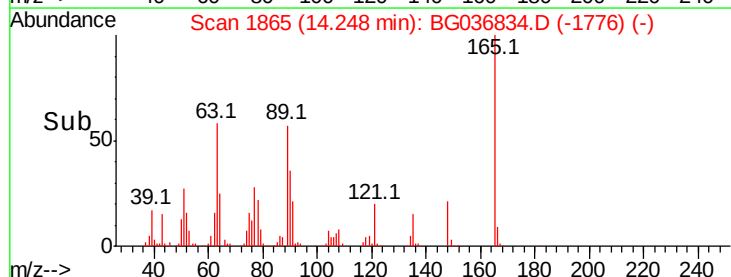
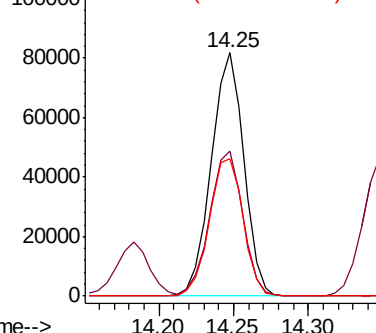


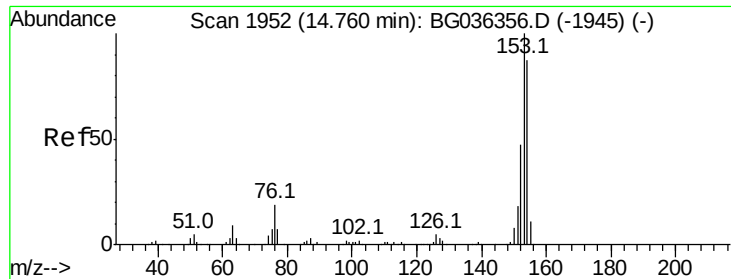
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 41.607 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG036834.D

Acq: 20 Sep 2018 00:32

Instrument :

BNA_G

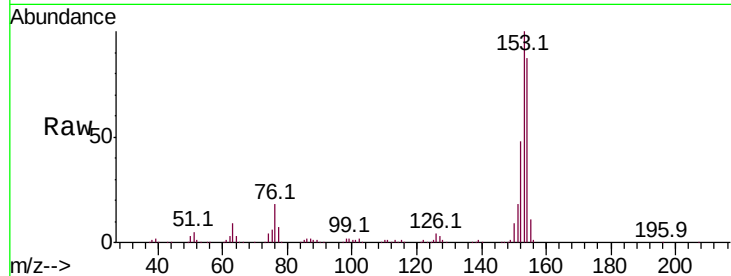
ClientSampleId :

PB113024BS

Tot Ion:	154	Resp:	396532
Ion Ratio	Lower	Upper	
154	100		
153	114.7	91.8	137.6
152	55.0	43.5	65.3

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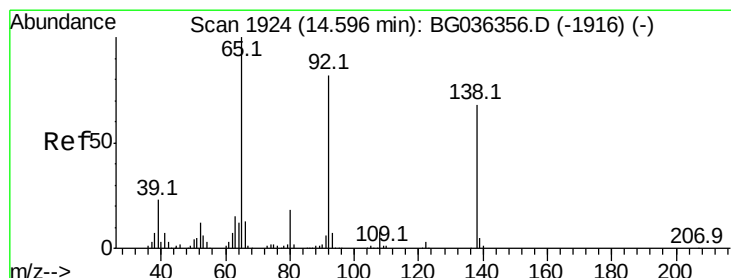
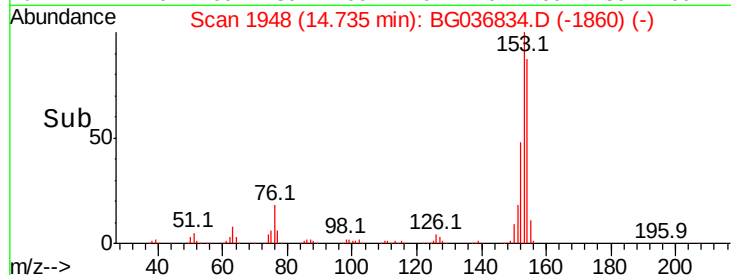
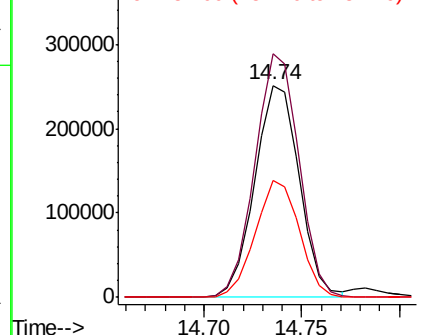


Abundance

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: 27.332 ng

RT: 14.58 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG036834.D

Acq: 20 Sep 2018 00:32

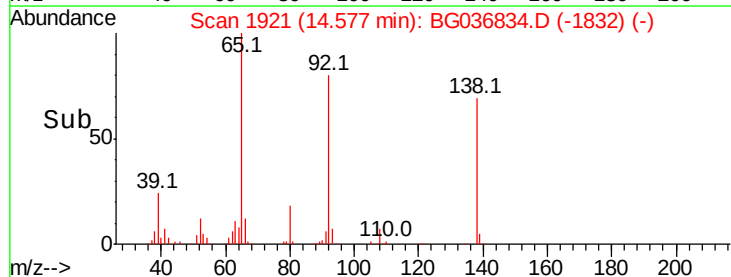
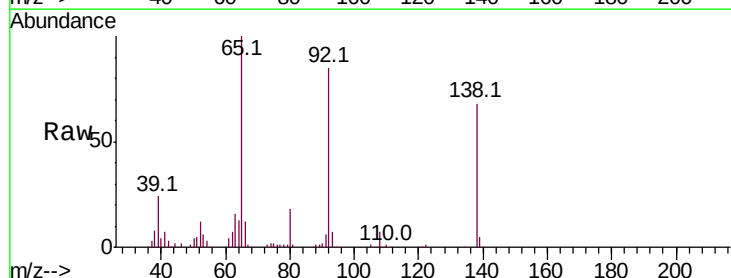
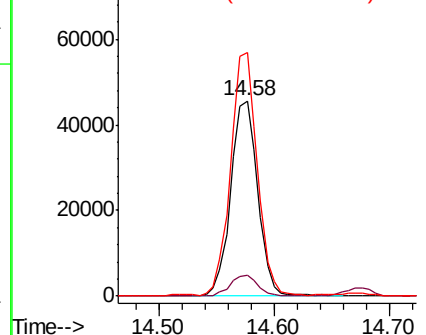
Tgt Ion:	138	Resp:	74364
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.4	14.2
92	124.8	96.8	145.2

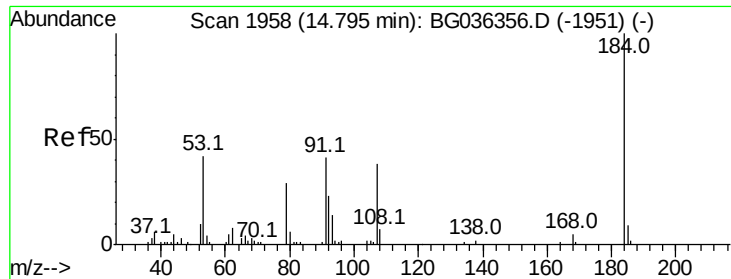
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





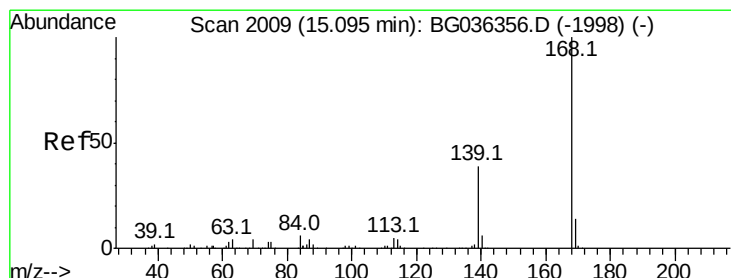
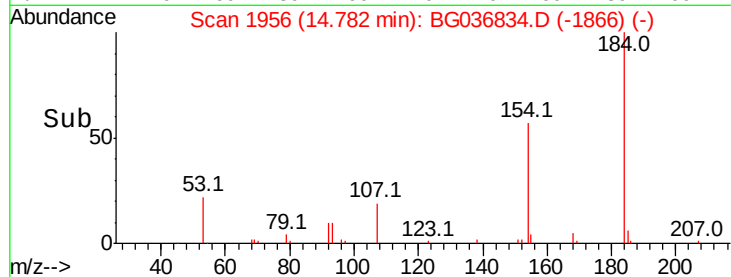
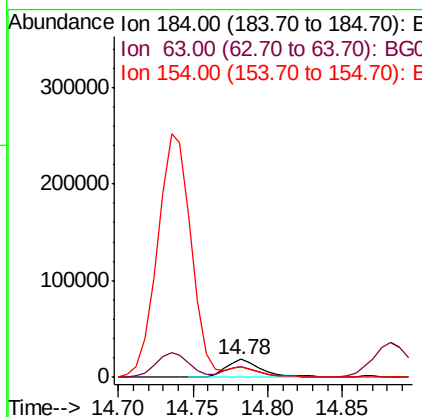
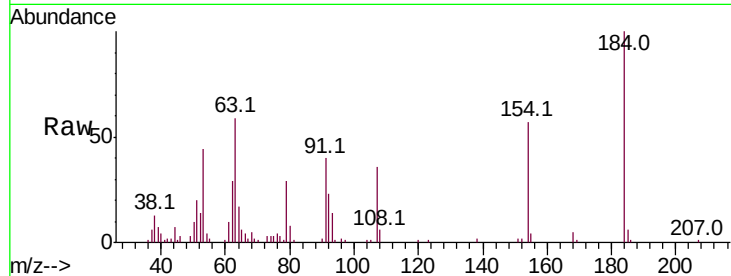
#53
 2,4-Dinitrophenol
 Concen: 32.634 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113024BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.1	47.3	70.9
154	56.6	51.1	76.7

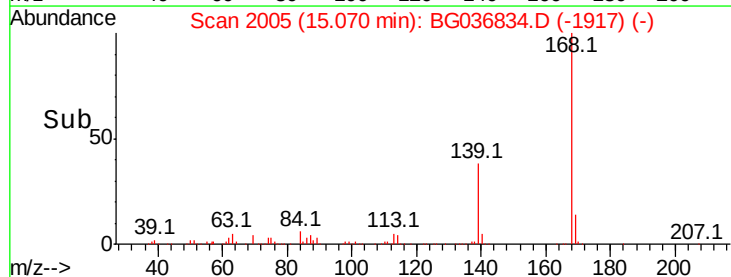
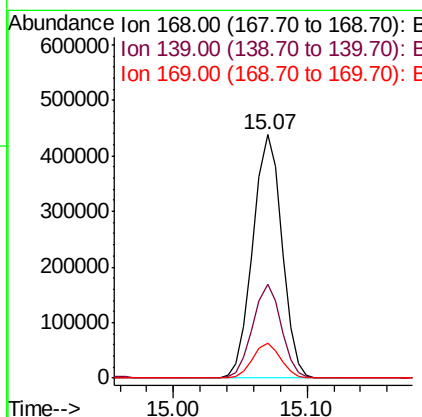
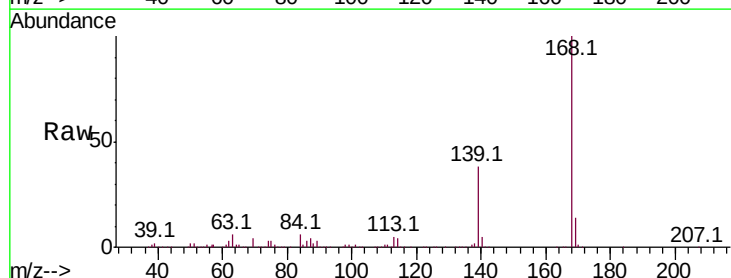
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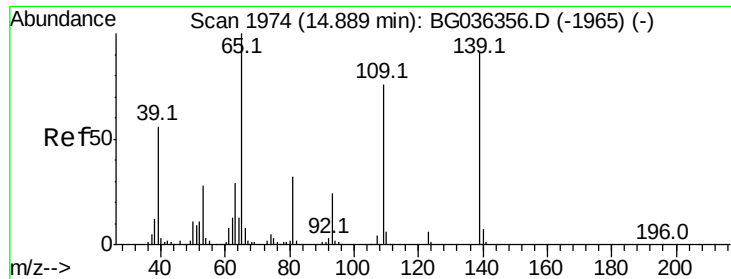
Sohil
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#54
 Dibenzofuran
 Concen: 44.045 ng
 RT: 15.07 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.0	46.6
169	14.3	11.1	16.7





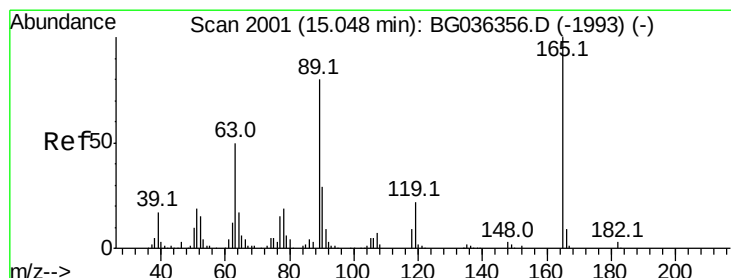
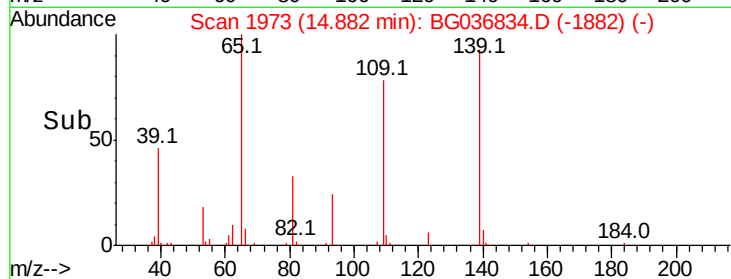
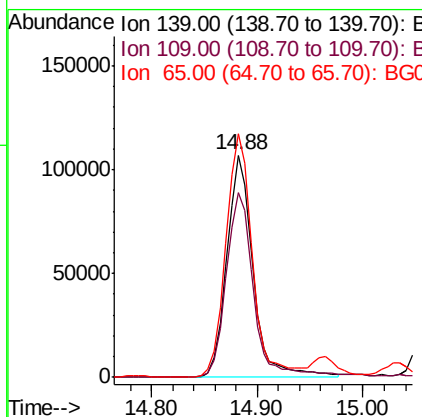
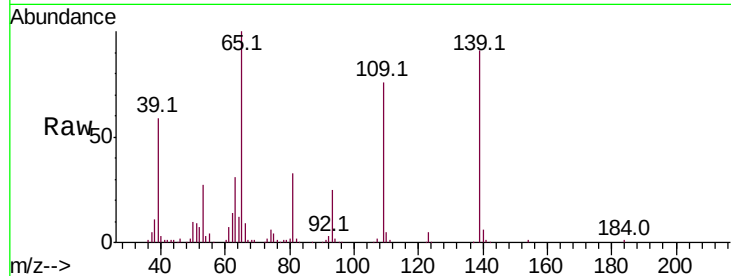
#55
4-Nitrophenol
Concen: 82.663 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB113024BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	83.1	63.9	103.9	
65	109.6	90.0	130.0	

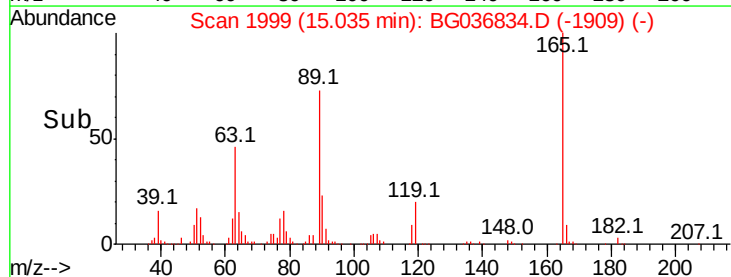
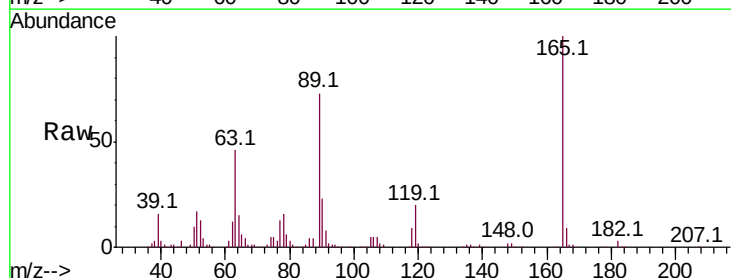
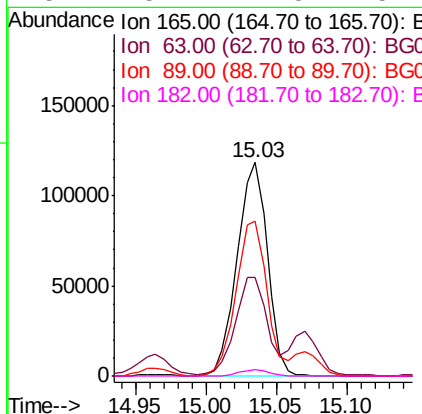
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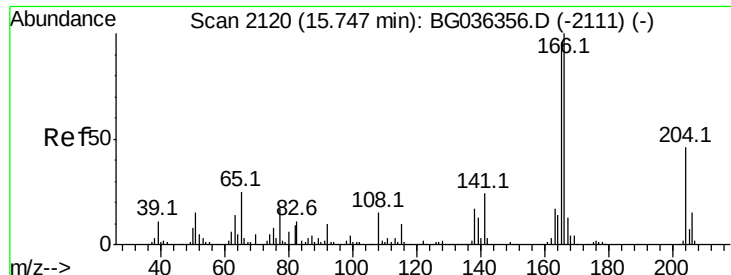
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#56
2,4-Dinitrotoluene
Concen: 53.973 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.0	40.1	60.1	
89	72.5	63.7	95.5	
182	3.1	2.5	3.7	





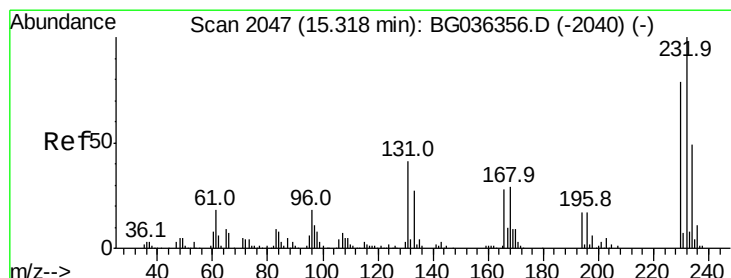
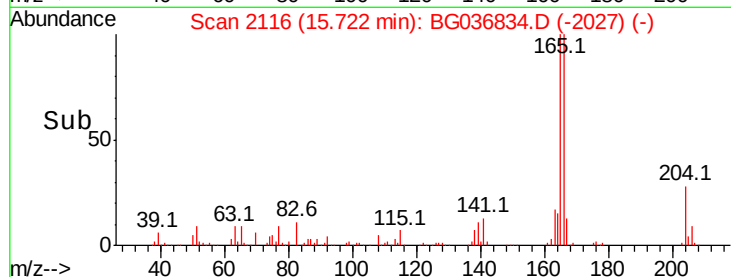
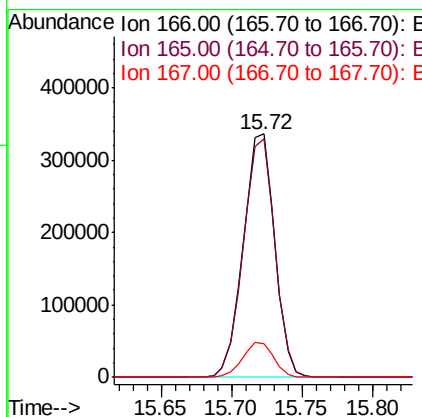
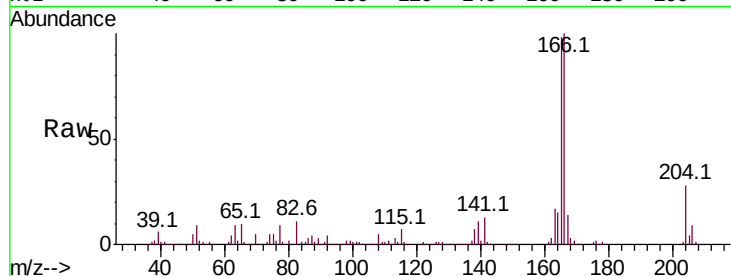
#57
 Fluorene
 Concen: 47.110 ng
 RT: 15.72 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113024BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.0	77.0	115.4	
167	14.0	10.6	16.0	

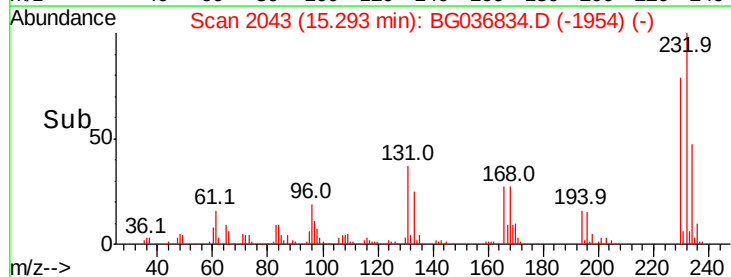
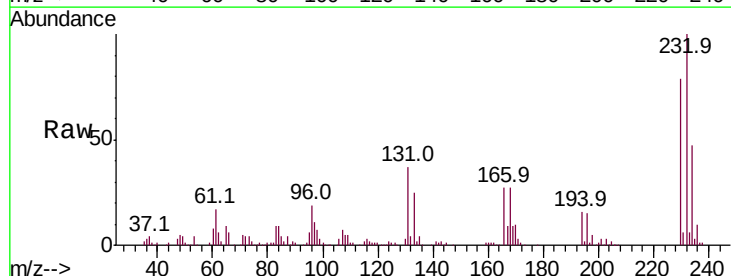
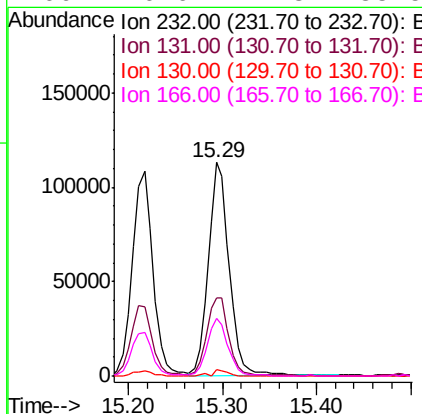
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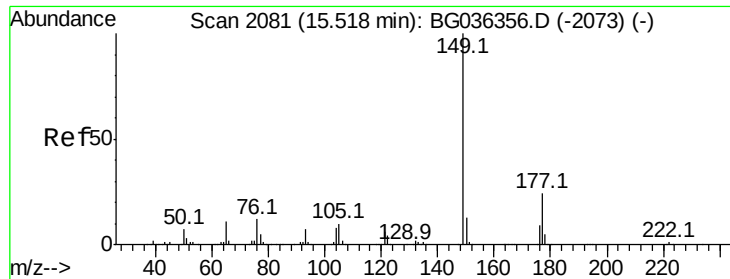
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.949 ng
 RT: 15.29 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	37.7	33.8	50.8	
130	2.1	2.1	3.1	
166	26.6	22.3	33.5	





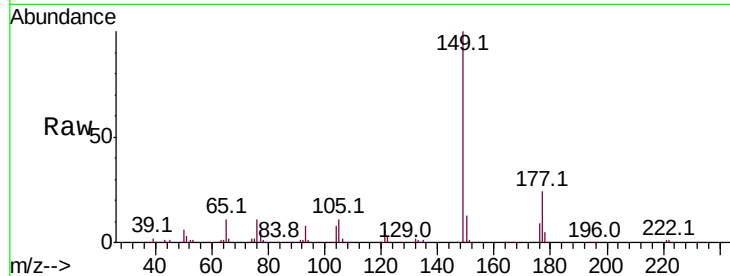
#59
Diethylphthalate
Concen: 44.779 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB113024BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	553696		
177	23.9		19.1	28.7
150	13.1		10.7	16.1

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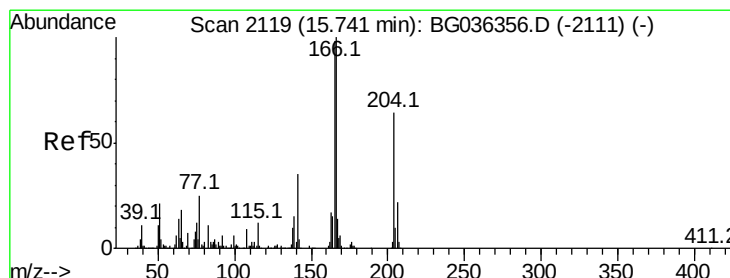
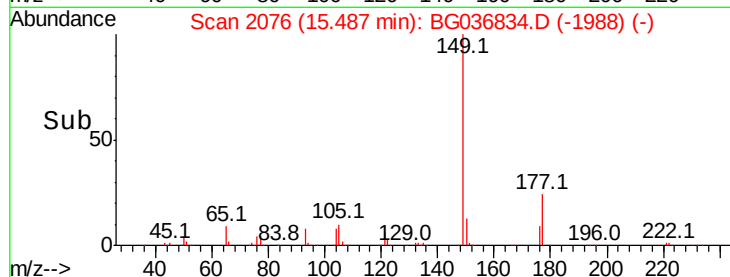
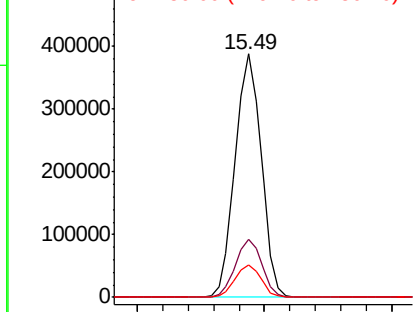


Abundance

Ion 149.00 (148.70 to 149.70): E

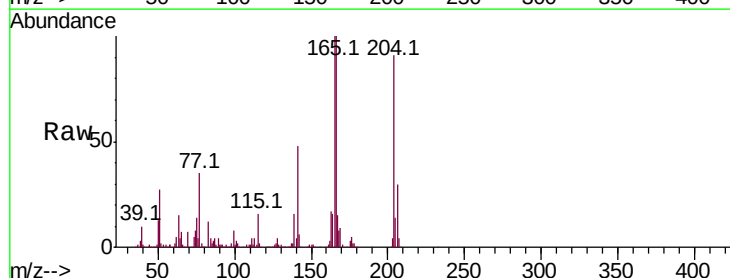
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 43.986 ng
RT: 15.71 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	303169		
206	33.3		27.0	40.4
141	53.3		43.8	65.6

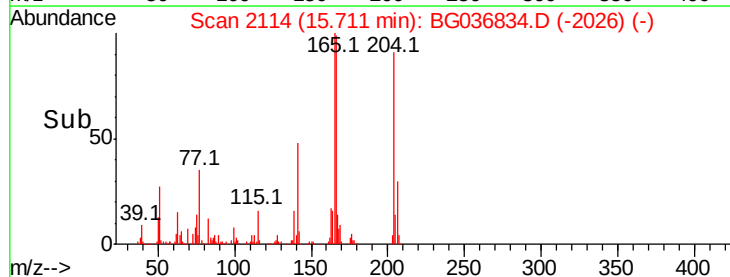
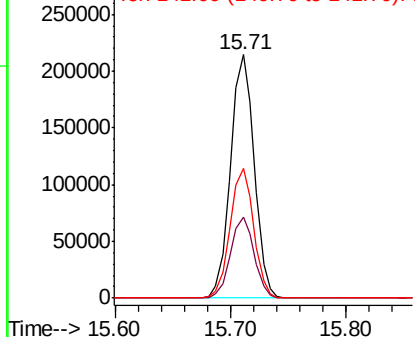


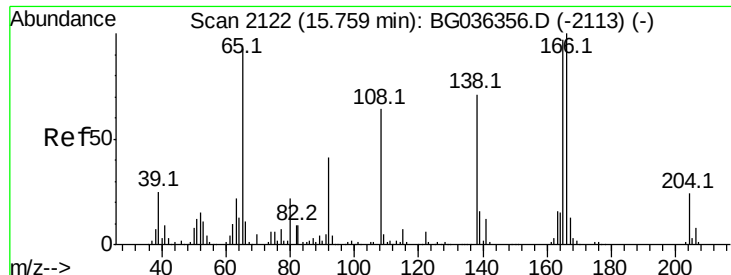
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





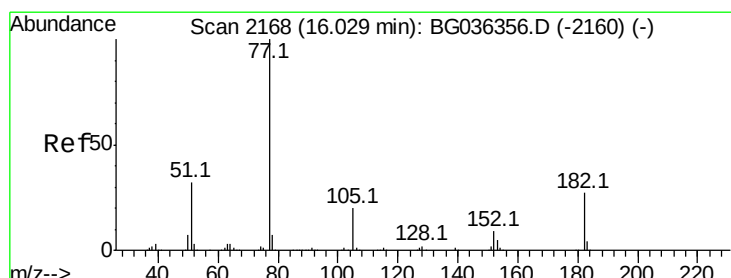
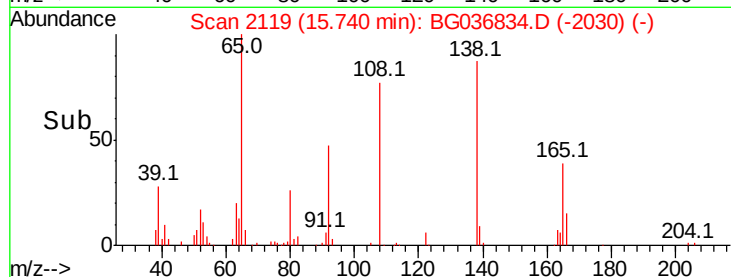
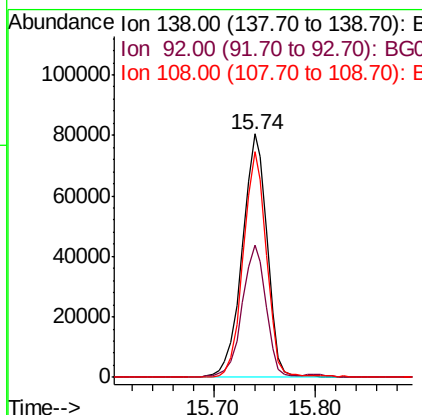
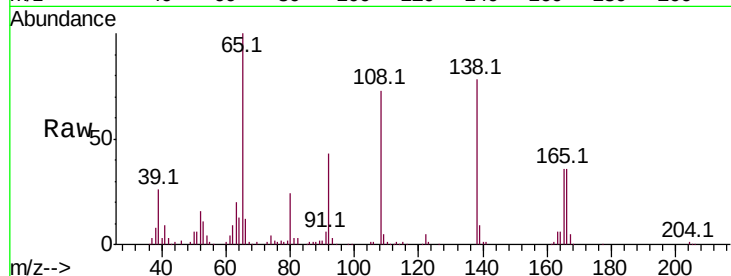
#61
4-Nitroaniline
Concen: 48.050 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Instrument :
BNA_G
ClientSampled :
PB113024BS

Tot Ion:138 Resp: 136800
Ion Ratio Lower Upper
138 100
92 54.5 38.5 78.5
108 92.8 70.3 110.3

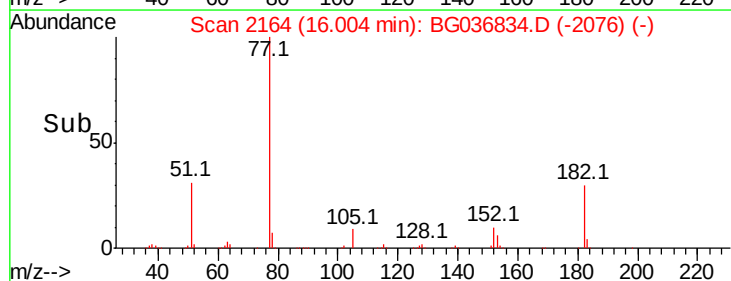
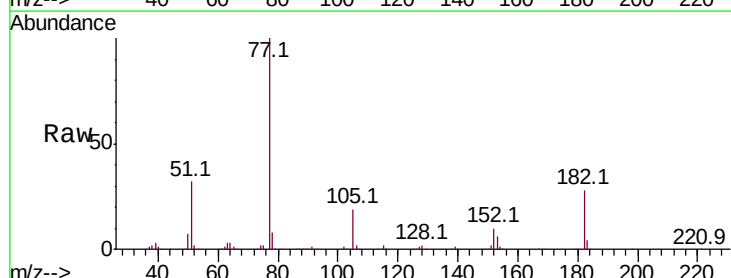
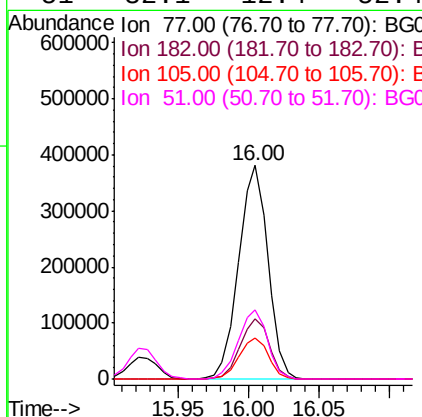
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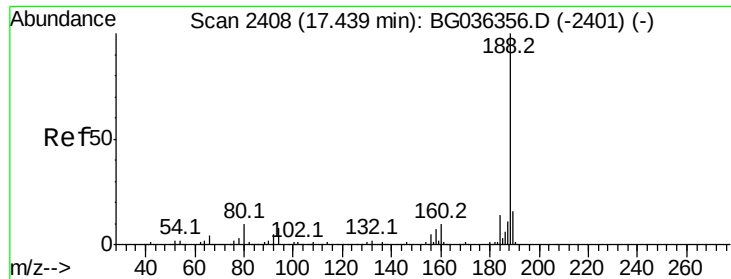
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#62
Azobenzene
Concen: 43.783 ng
RT: 16.00 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Tgt Ion: 77 Resp: 550843
Ion Ratio Lower Upper
77 100
182 28.4 6.7 46.7
105 19.5 0.0 39.8
51 32.1 12.4 52.4





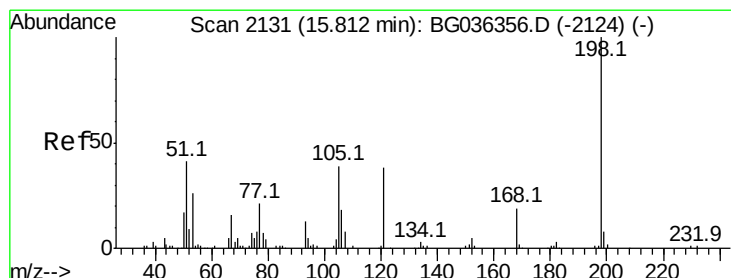
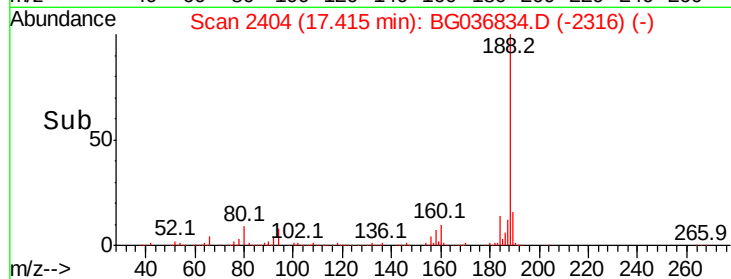
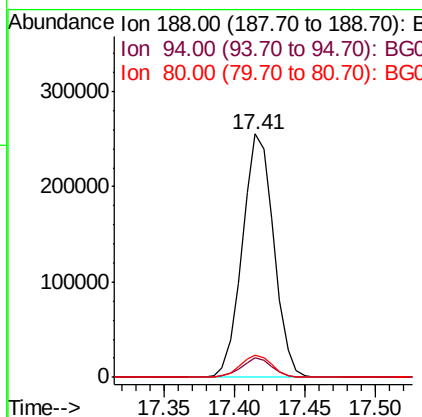
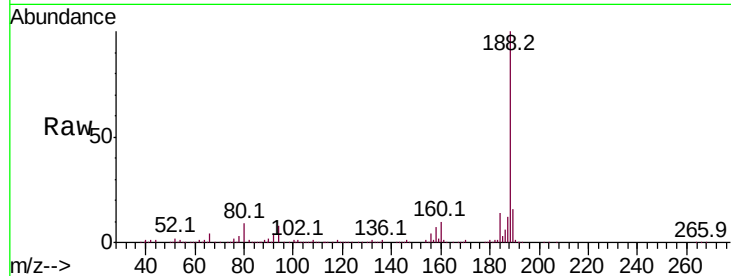
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB113024BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	397781		
94	8.1		6.7	10.1
80	9.2		8.1	12.1

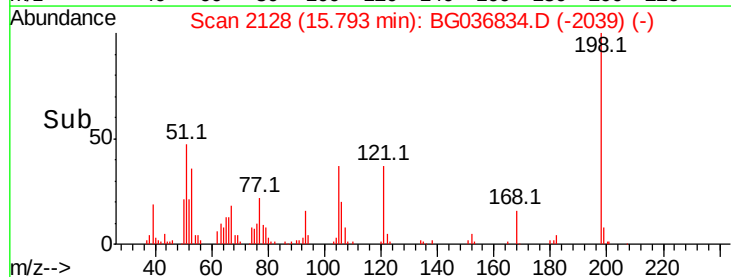
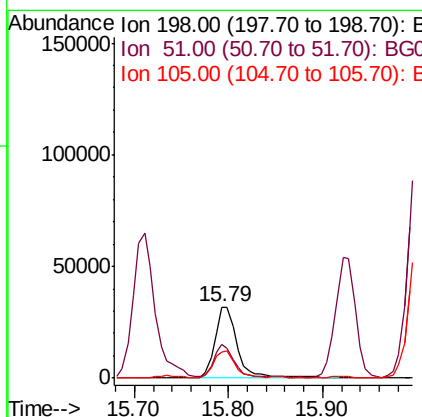
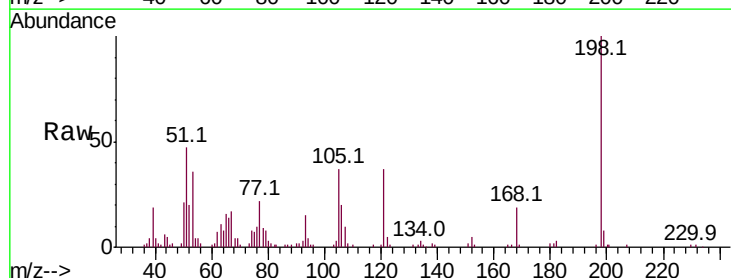
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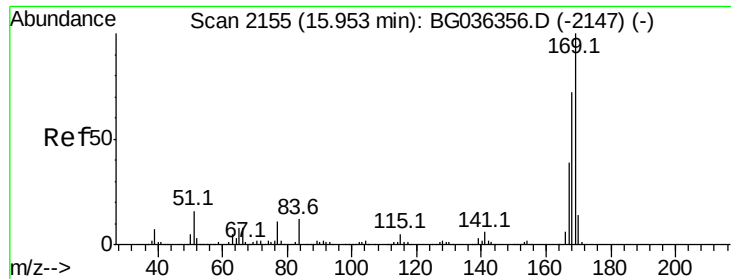
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#64
4,6-Dinitro-2-methylphenol
Concen: 30.691 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	53628		
51	47.4		26.5	66.5
105	36.8		20.2	60.2





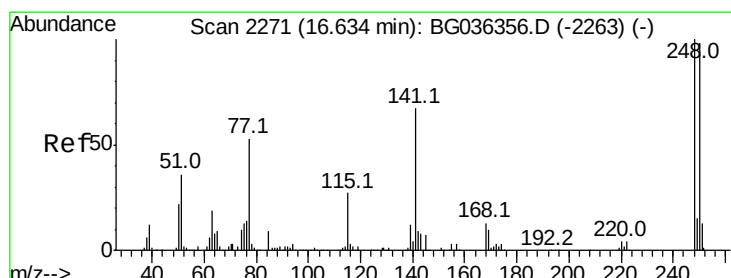
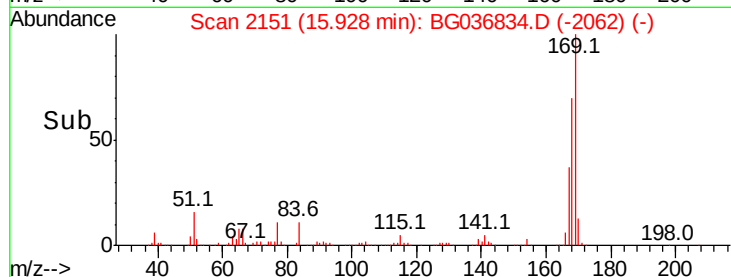
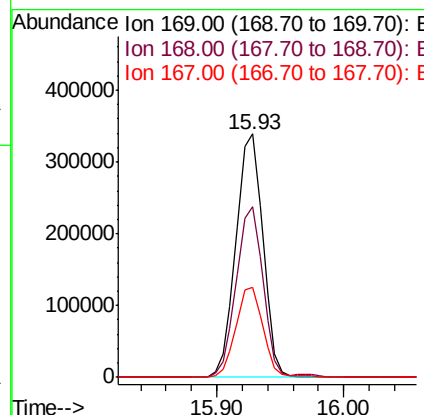
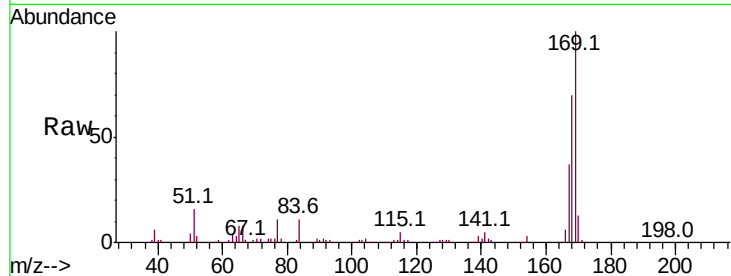
#65
 n-Nitrosodiphenylamine
 Concen: 42.044 ng
 RT: 15.93 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113024BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	496937		
168	69.9		57.6	86.4
167	37.2		31.0	46.4

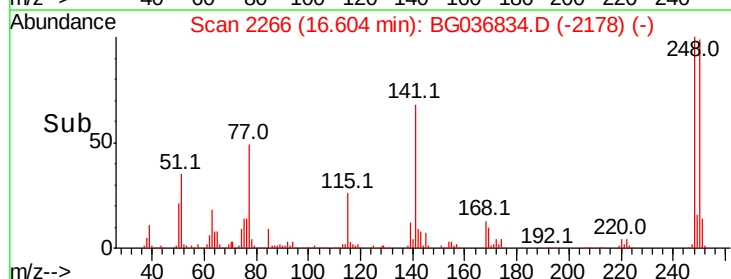
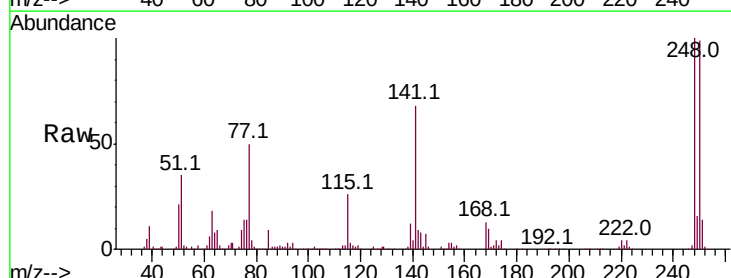
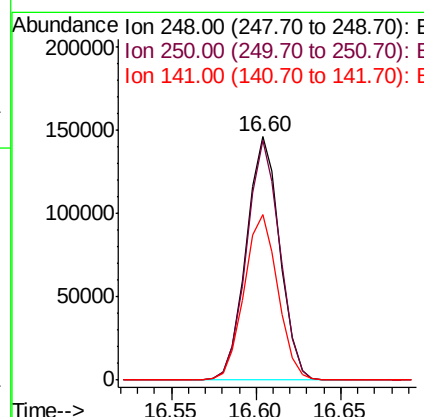
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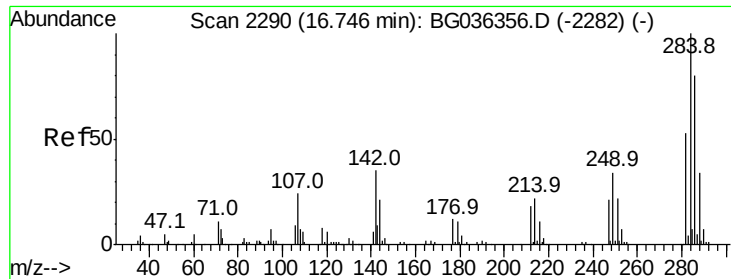
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#66
 4-Bromophenyl-phenylether
 Concen: 43.367 ng
 RT: 16.60 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	201970		
250	98.6		78.1	117.1
141	67.9		53.7	80.5





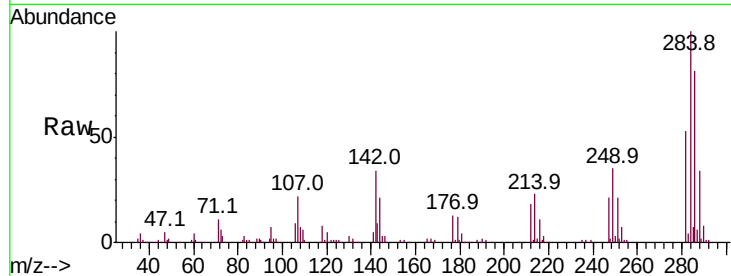
#67
Hexachlorobenzene
Concen: 42.438 ng
RT: 16.72 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB113024BS

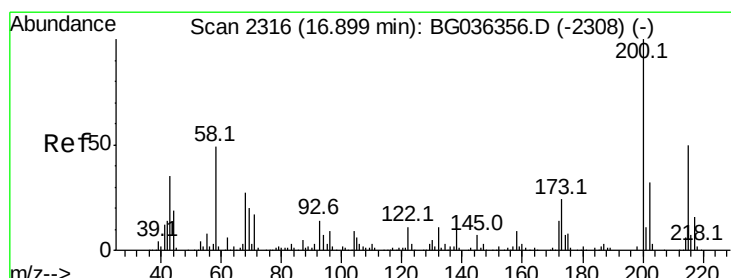
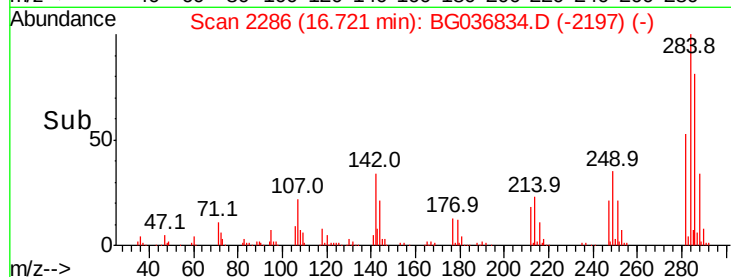
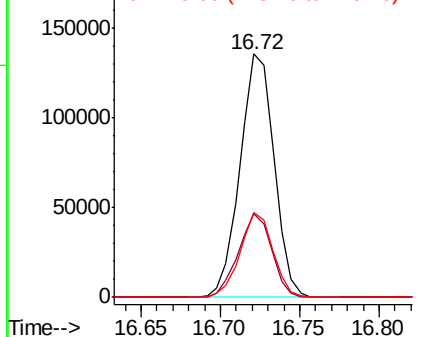
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	34.2	27.8	41.6	
249	34.9	27.4	41.2	

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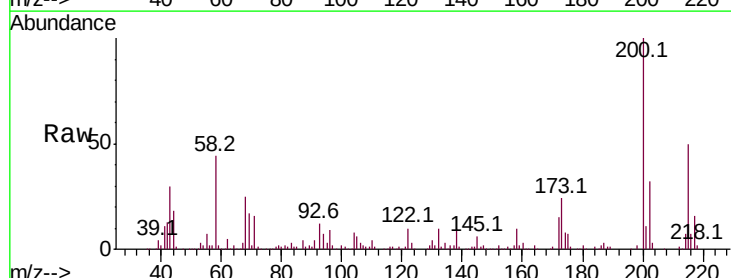


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

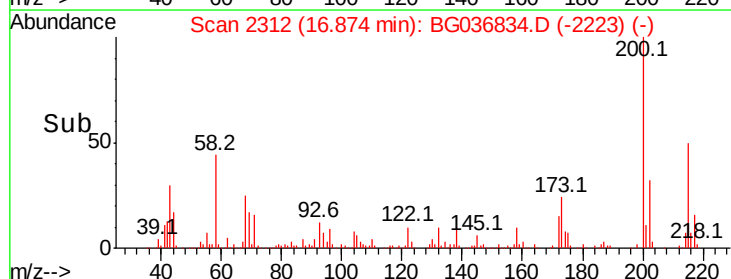
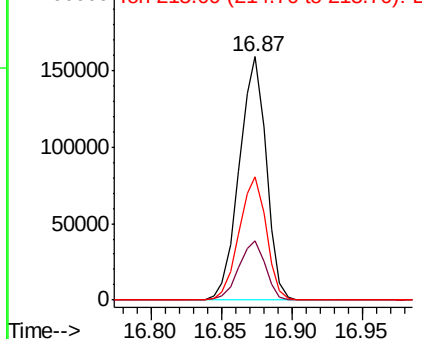


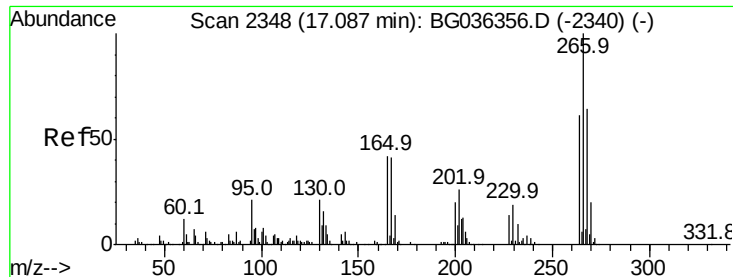
#68
Atrazine
Concen: 47.867 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.3	3.9	43.9	
215	50.5	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





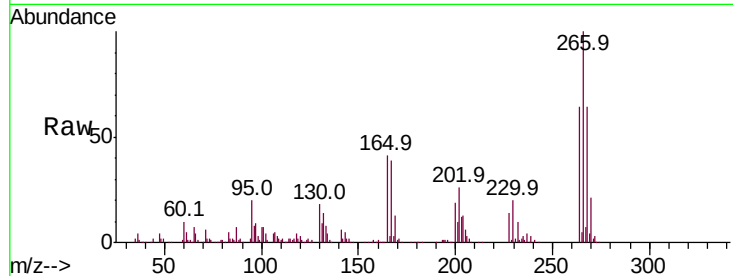
#69
 Pentachlorophenol
 Concen: 57.797 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113024BS

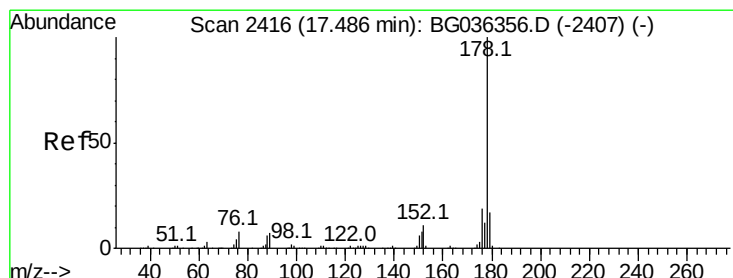
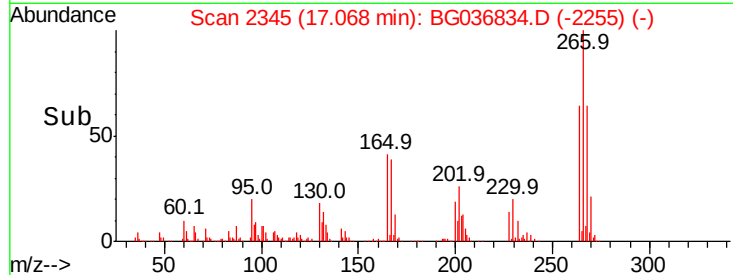
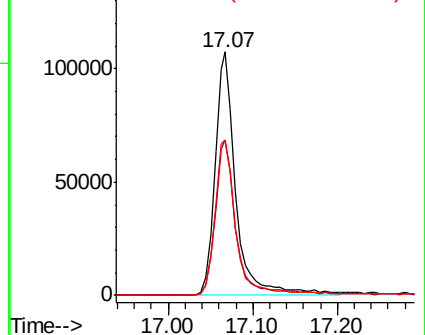
Tot Ion:	266	Resp:	187062
Ion Ratio		Lower	Upper
266	100		
268	63.6	51.4	77.2
264	64.0	48.9	73.3

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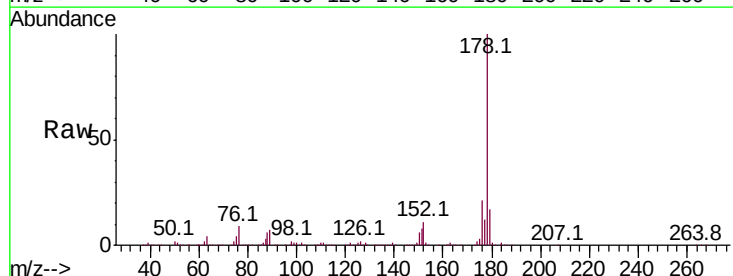


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

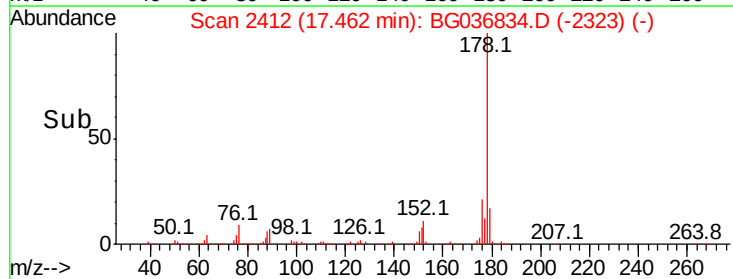
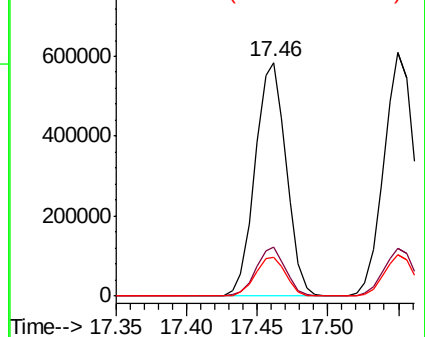


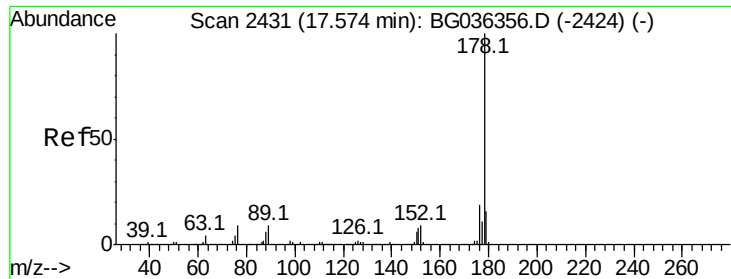
#70
 Phenanthrene
 Concen: 44.710 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Tgt Ion:	178	Resp:	903694
Ion Ratio		Lower	Upper
178	100		
176	20.7	15.4	23.2
179	16.8	13.4	20.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 45.601 ng

RT: 17.55 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BG036834.D

Acq: 20 Sep 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113024BS

Tot Ion:178 Resp: 918789

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

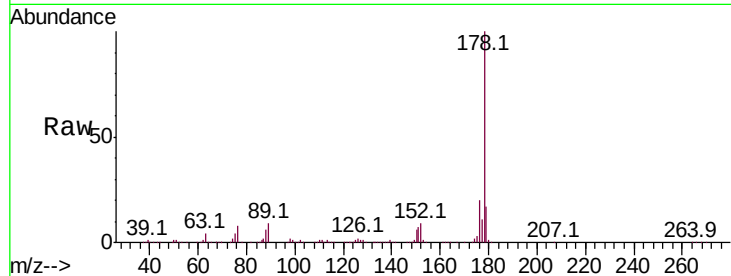
179 17.2 13.0 19.4

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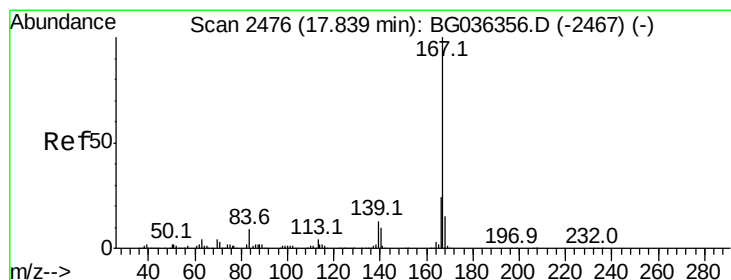
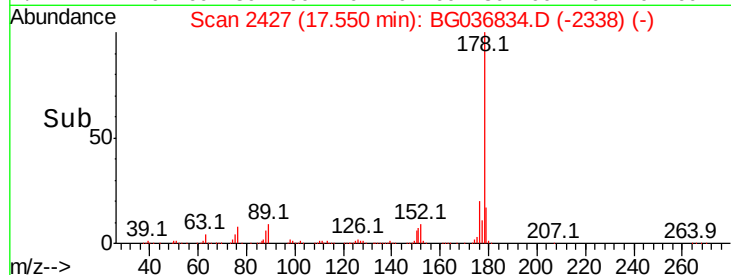
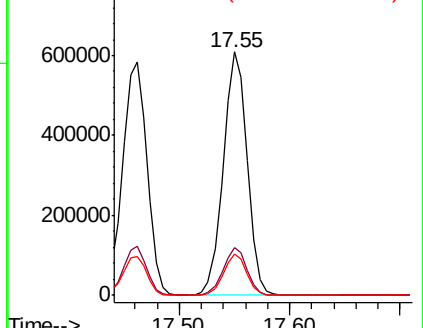
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.345 ng

RT: 17.82 min Scan# 2473

Delta R.T. -0.01 min

Lab File: BG036834.D

Acq: 20 Sep 2018 00:32

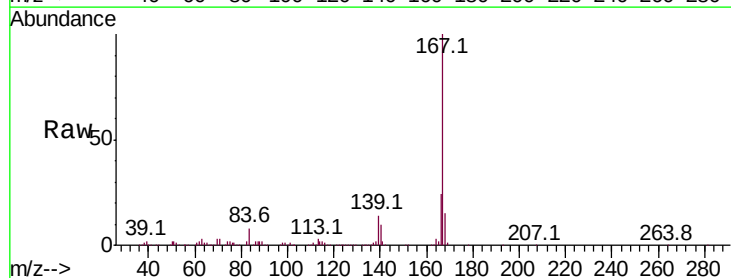
Tgt Ion:167 Resp: 811808

Ion Ratio Lower Upper

167 100

166 24.5 19.5 29.3

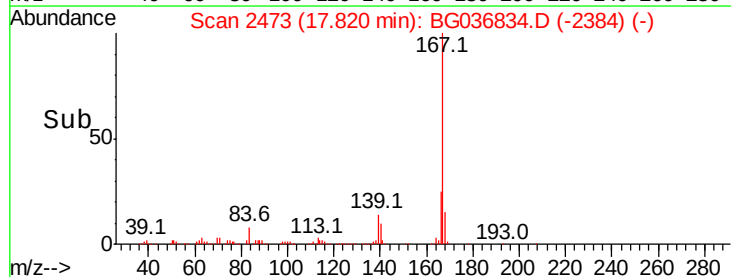
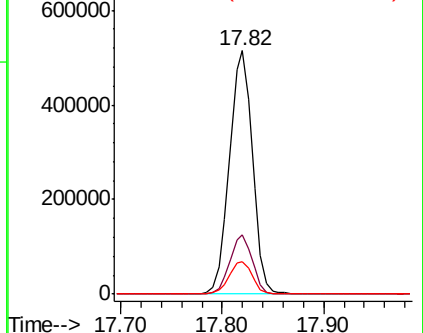
139 13.6 10.7 16.1

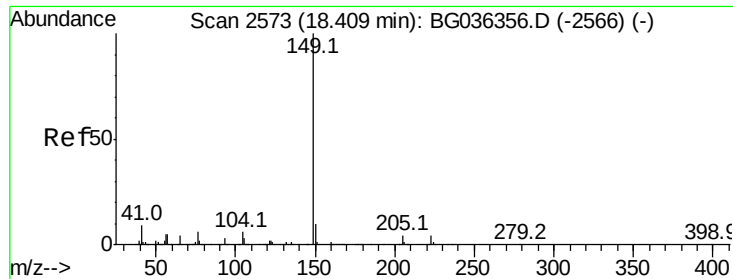


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.774 ng

RT: 18.37 min Scan# 2567

Delta R.T. -0.01 min

Lab File: BG036834.D

Acq: 20 Sep 2018 00:32

Instrument :

BNA_G

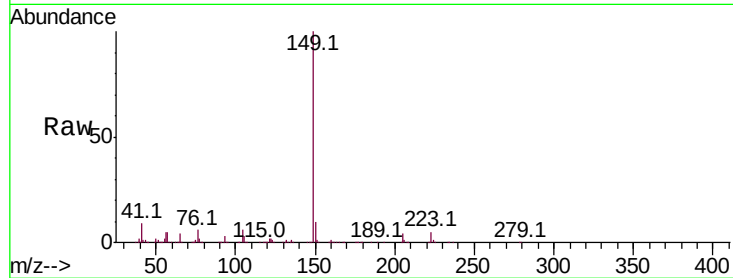
ClientSampleId :

PB113024BS

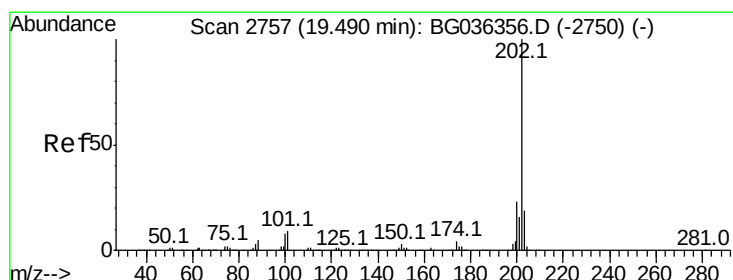
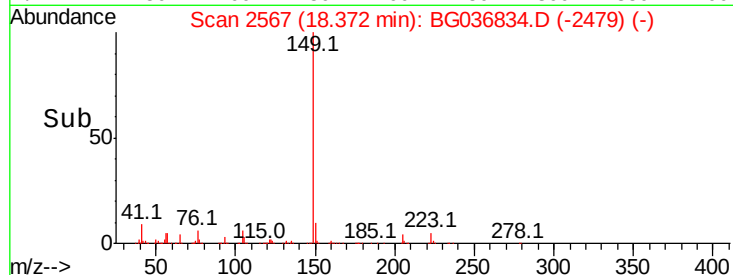
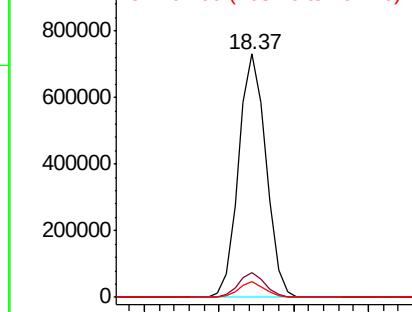
Tot Ion:	149	Resp:	936035
Ion Ratio	Lower	Upper	
149	100		
150	10.0	8.1	12.1
104	6.3	4.6	6.8

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Abundance Ion 149.00 (148.70 to 149.70): E
1000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.667 ng

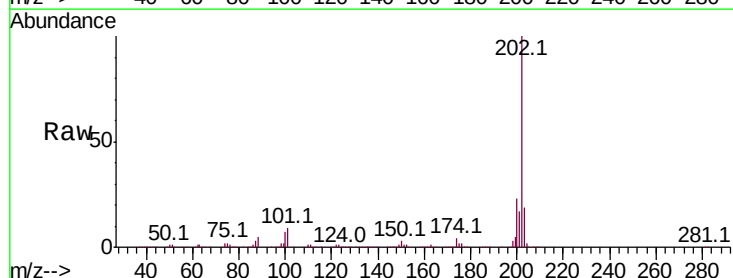
RT: 19.47 min Scan# 2753

Delta R.T. -0.01 min

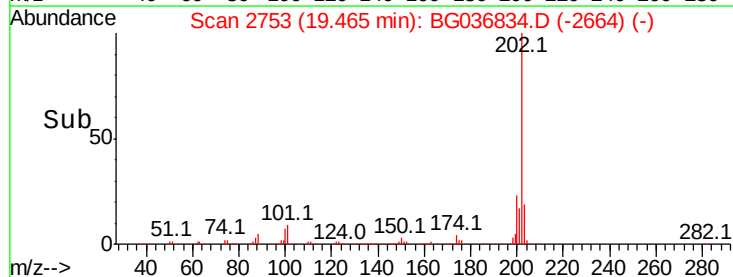
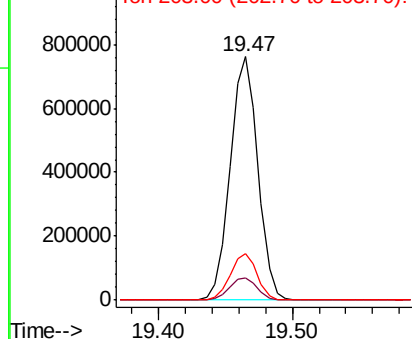
Lab File: BG036834.D

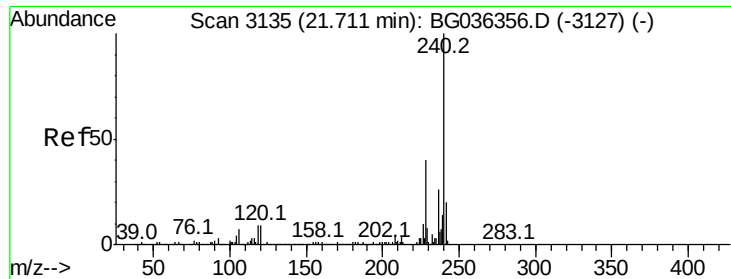
Acq: 20 Sep 2018 00:32

Tgt Ion:	202	Resp:	1100748
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	29.4
203	19.2	0.0	38.9



Abundance Ion 202.00 (201.70 to 202.70): E
1000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





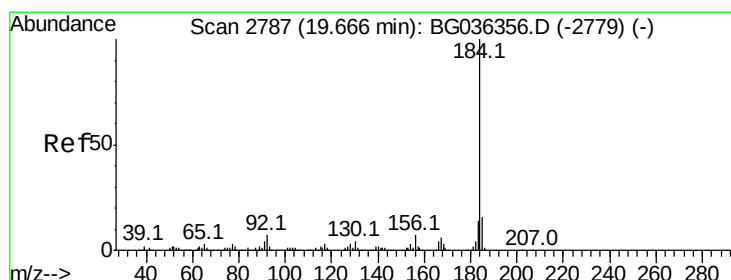
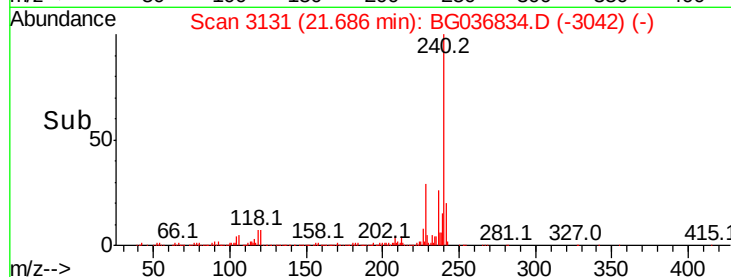
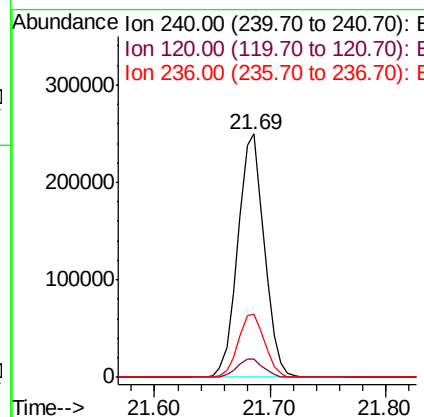
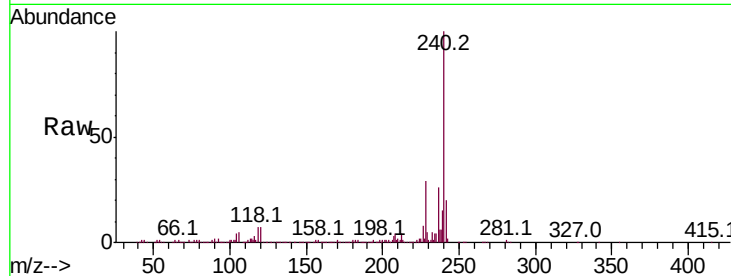
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB113024BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	396649		
120	7.3	6.9	10.3	
236	25.9	21.2	31.8	

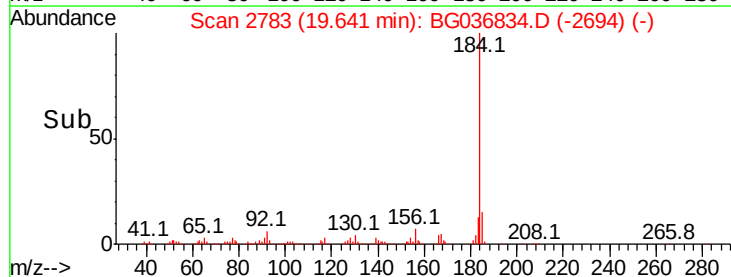
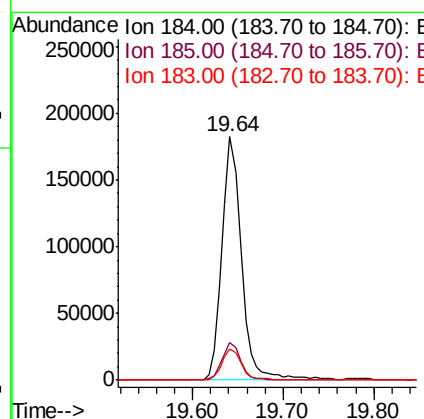
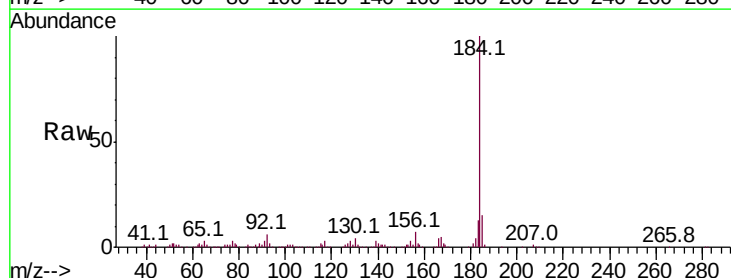
Manual Integrations
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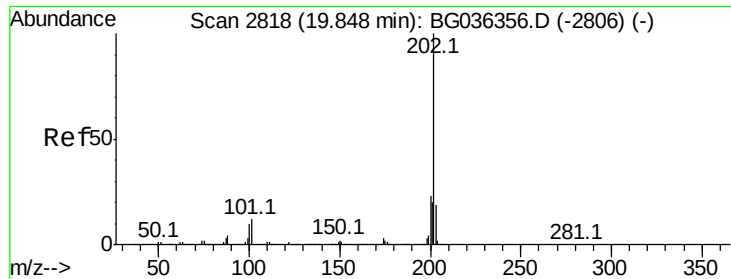
Sohil
9/20/2018 11:46:47 AM



#76
Benzidine
Concen: 21.637 ng
RT: 19.64 min Scan# 2783
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	273810		
185	15.2	12.6	18.8	
183	12.8	10.9	16.3	





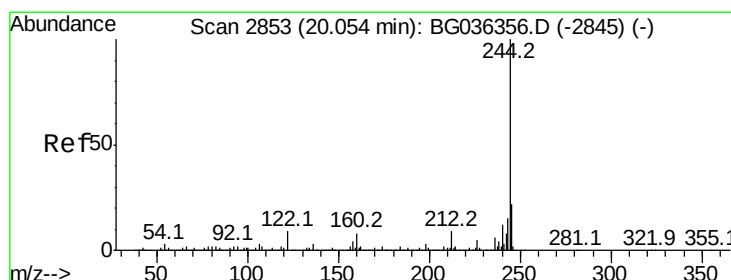
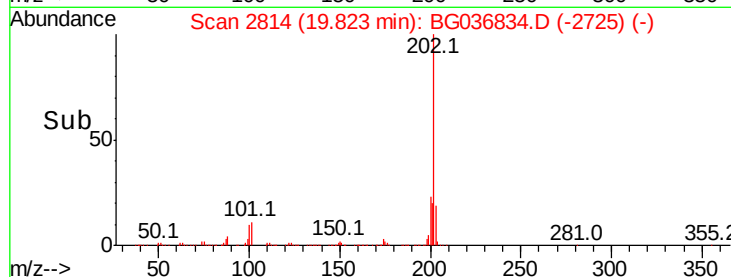
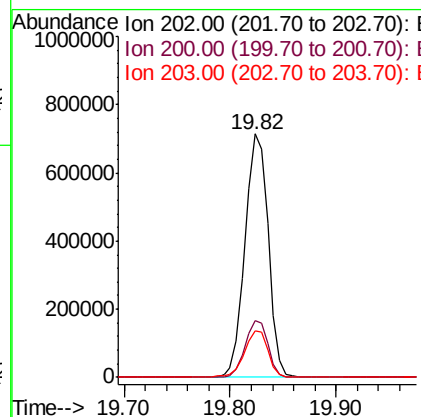
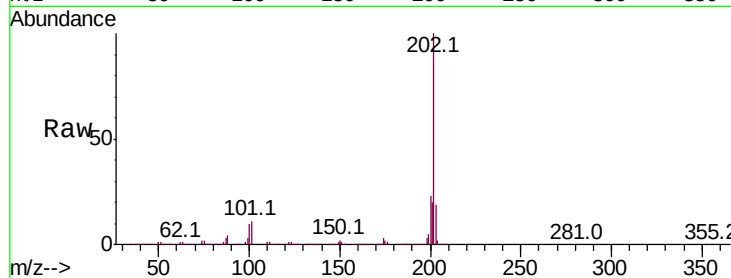
#77
Pvrene
Concen: 44.436 ng
RT: 19.82 min Scan# 2814
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB113024BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.3	18.3	27.5
203	19.4	15.1	22.7

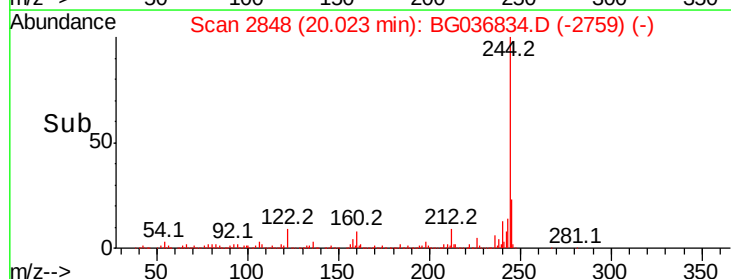
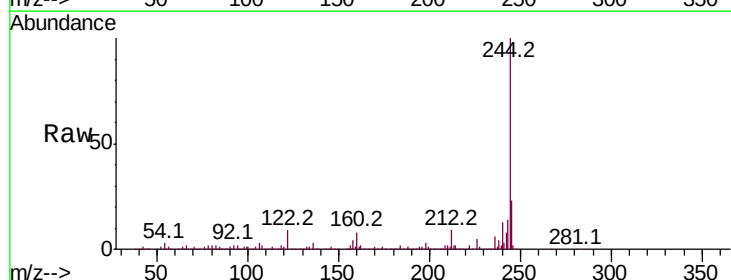
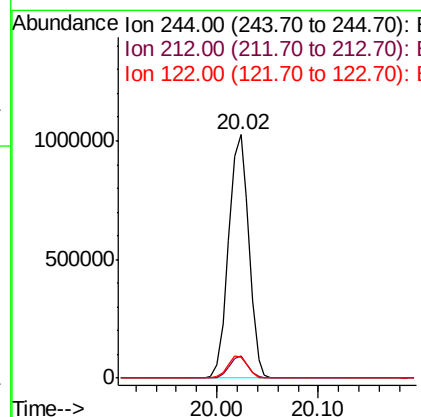
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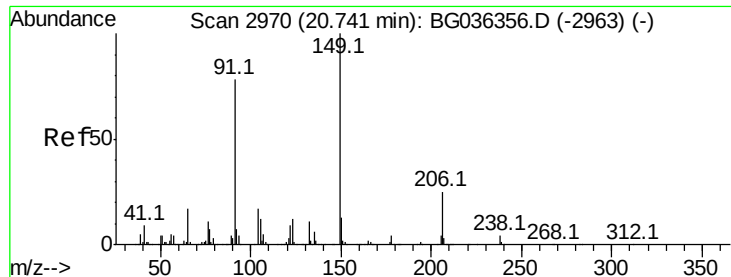
Sohil
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#78
Terphenyl-d14
Concen: 83.831 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	8.7	7.1	10.7





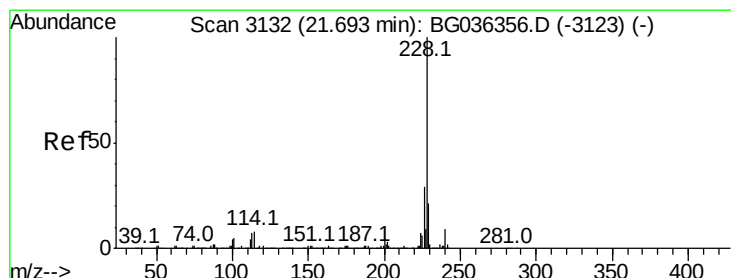
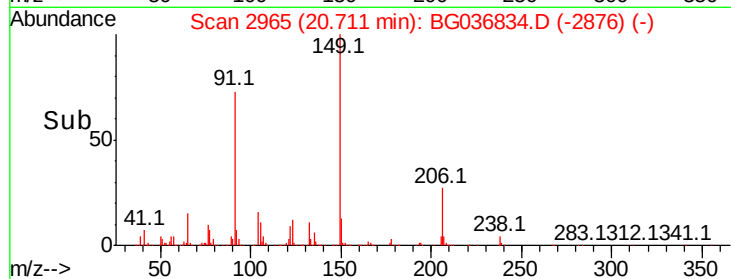
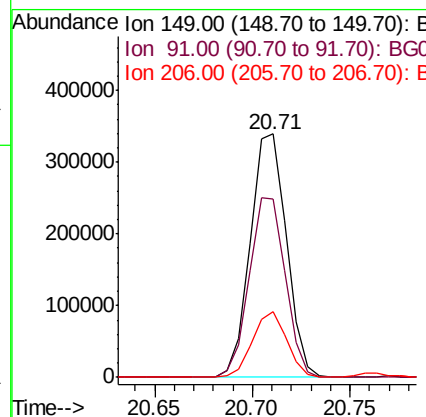
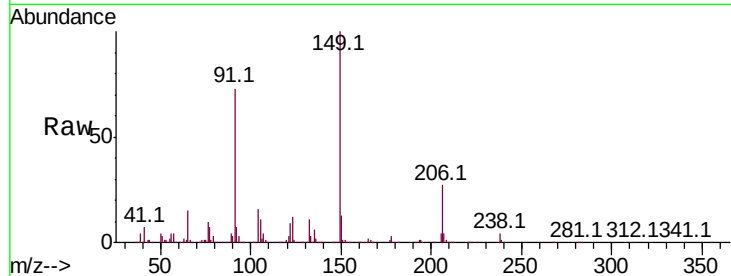
#79
Butylbenzylphthalate
Concen: 44.874 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Instrument :
BNA_G
ClientSampleId :
PB113024BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.2	62.0	93.0
206	27.0	19.6	29.4

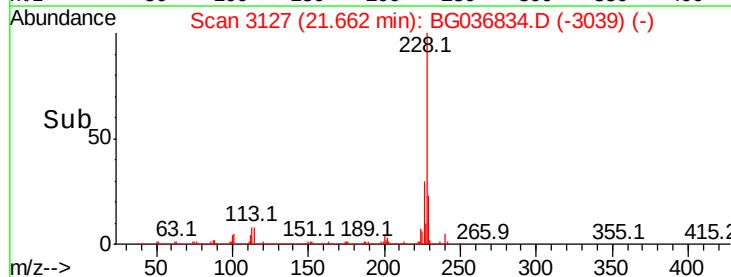
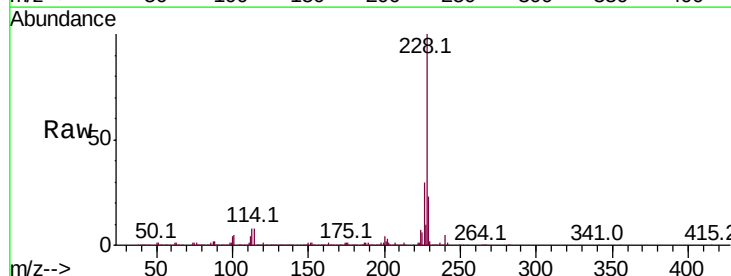
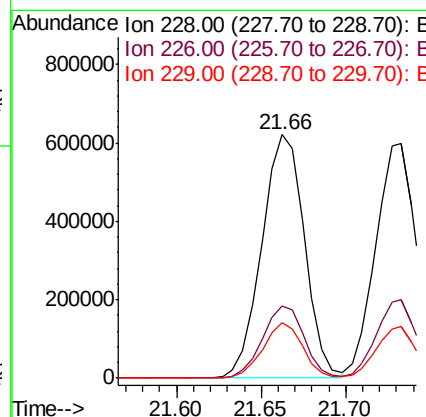
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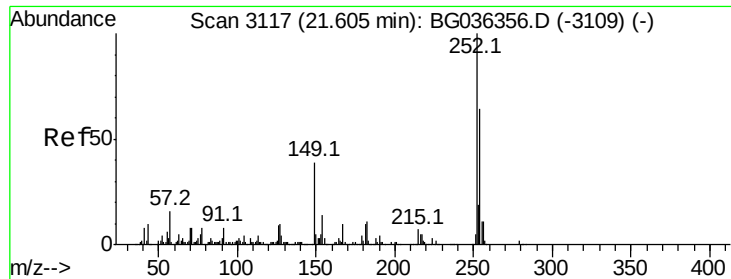
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#80
Benzo(a)anthracene
Concen: 45.415 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	22.7	17.1	25.7





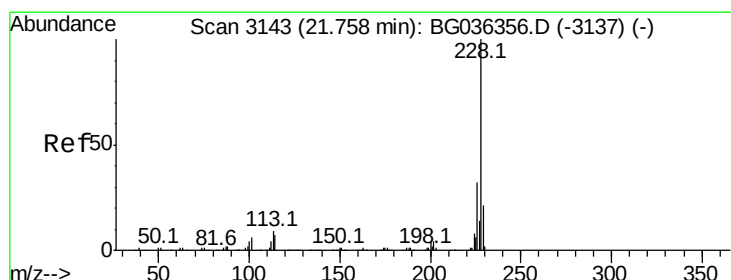
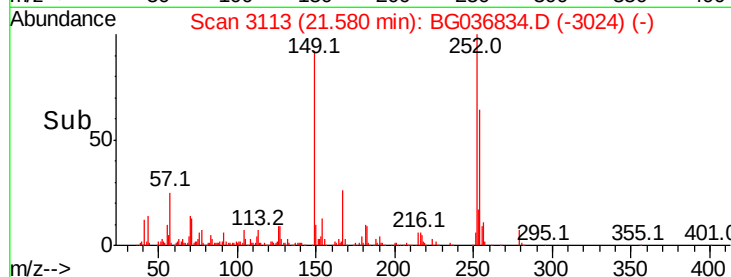
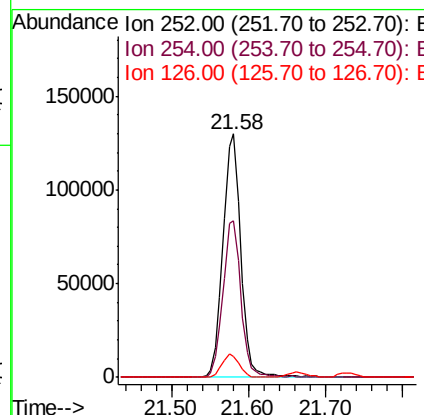
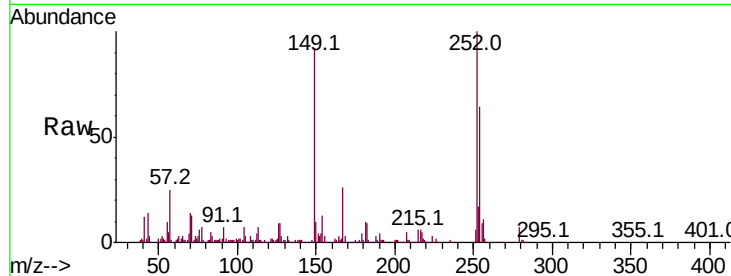
#81
 3,3'-Dichlorobenzidine
 Concen: 21.772 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113024BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	208502		
254	64.3	51.0	76.4	
126	8.7	7.4	11.0	

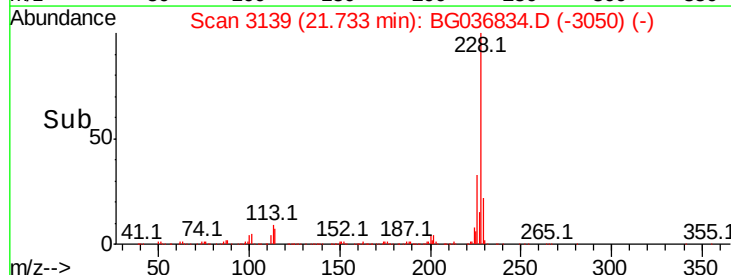
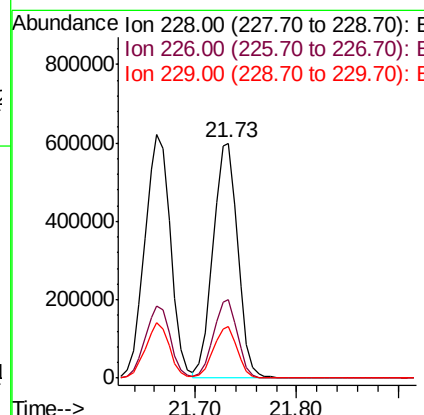
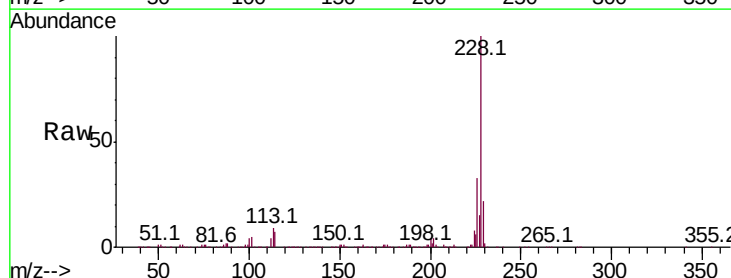
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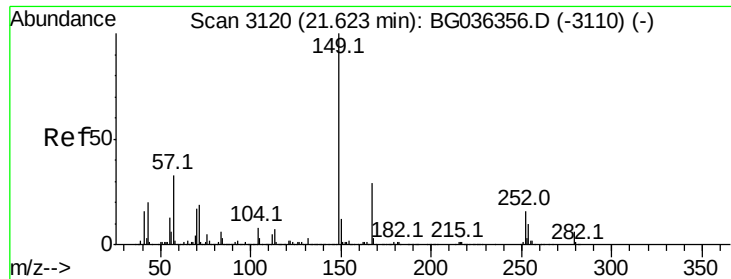
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#82
 Chrysene
 Concen: 44.395 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1011176		
226	33.4	25.5	38.3	
229	22.0	16.9	25.3	





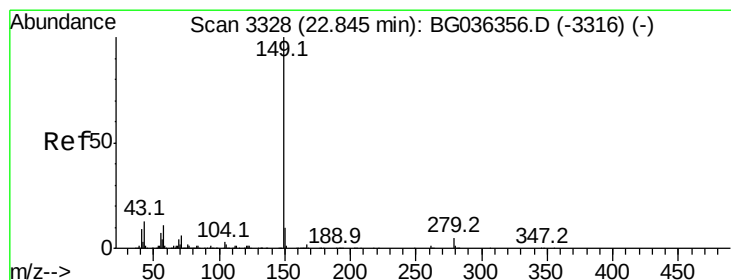
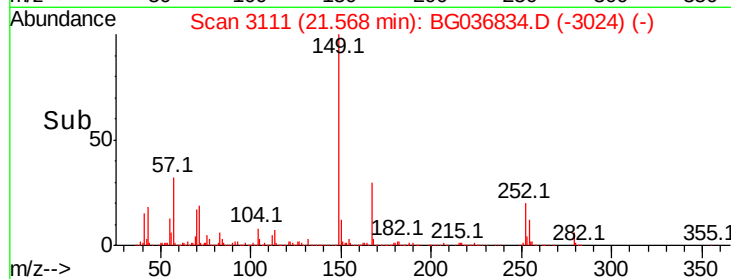
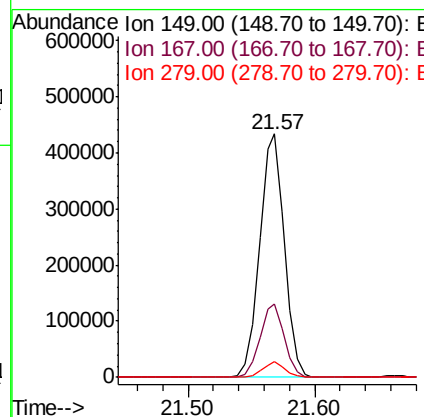
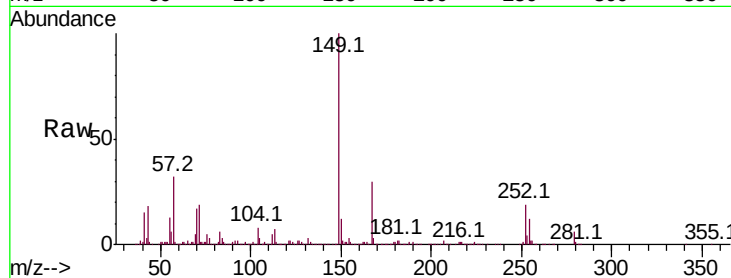
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.383 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.02 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113024BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	29.9	23.4	35.0	
279	6.3	4.6	7.0	

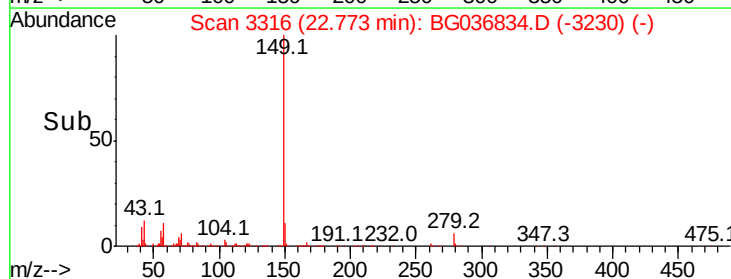
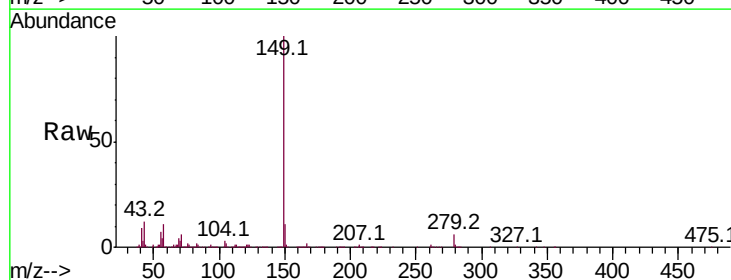
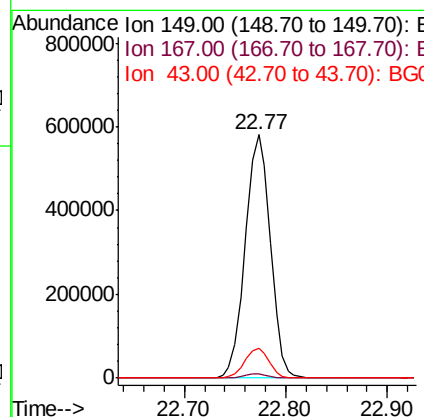
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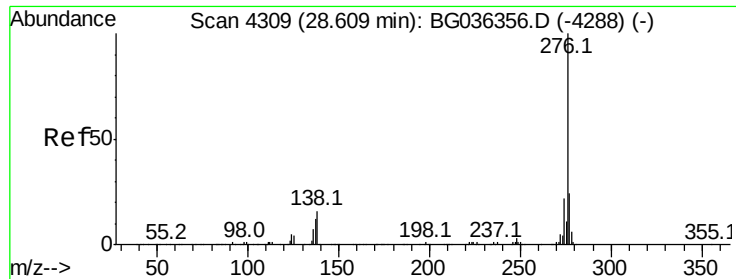
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 44.007 ng
 RT: 22.77 min Scan# 3316
 Delta R.T. -0.03 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.3	1.9	
43	11.7	10.0	15.0	





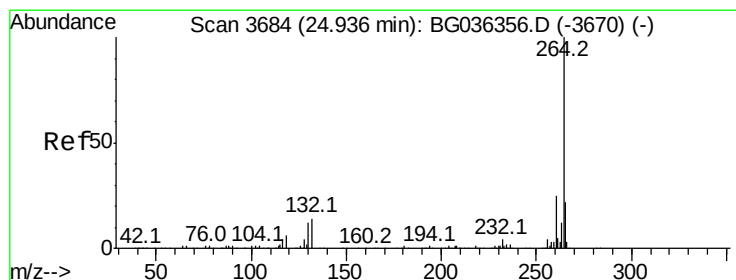
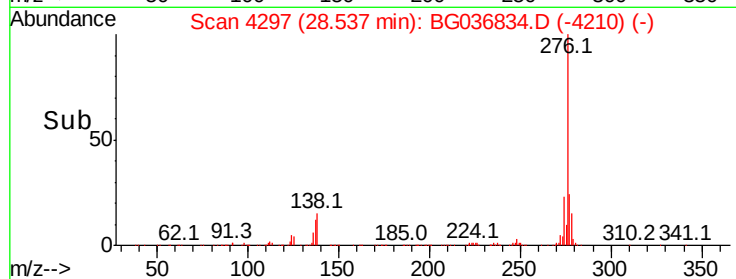
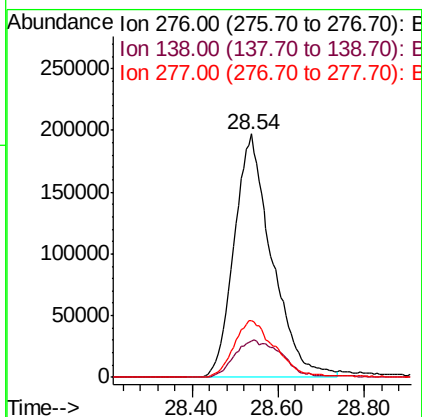
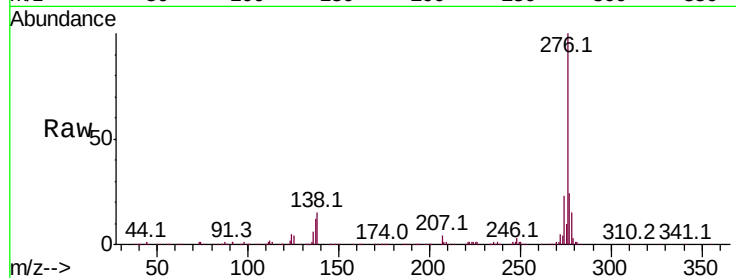
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.613 ng
RT: 28.54 min Scan# 4297
Delta R.T. -0.02 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Instrument :
BNA_G
ClientSampled :
PB113024BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.5	10.6	15.8#
277	25.6	20.6	30.8

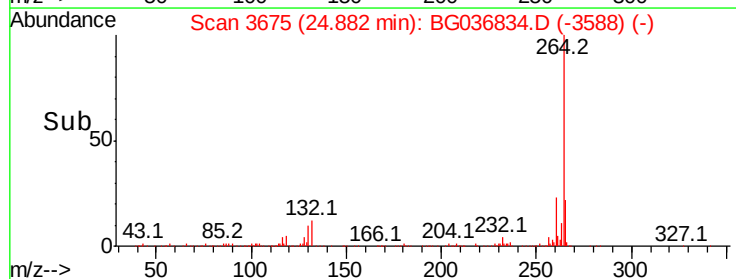
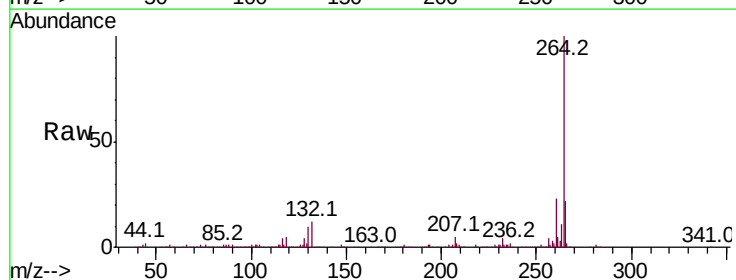
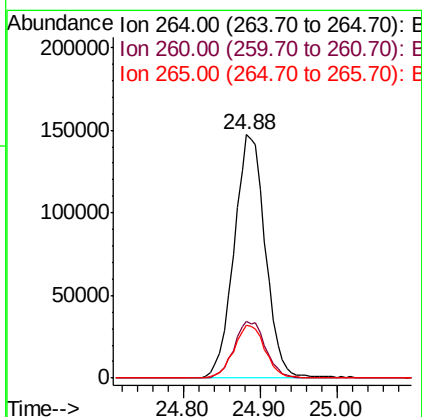
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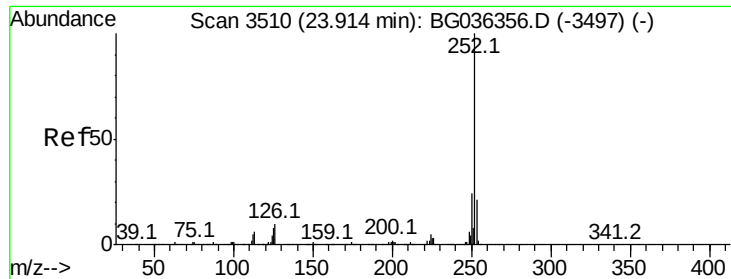
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG036834.D
Acq: 20 Sep 2018 00:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	21.7	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 47.767 ng

RT: 23.87 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BG036834.D

Acq: 20 Sep 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113024BS

Tot Ion:252 Resp: 1109154

Ion Ratio Lower Upper

252 100

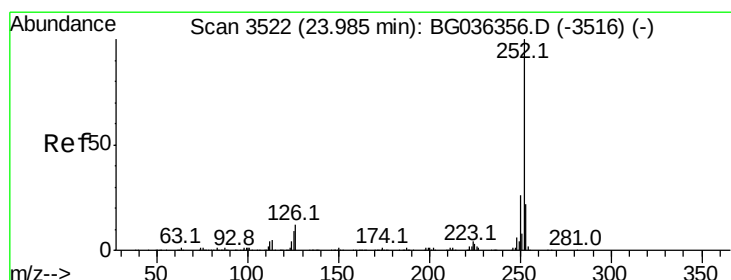
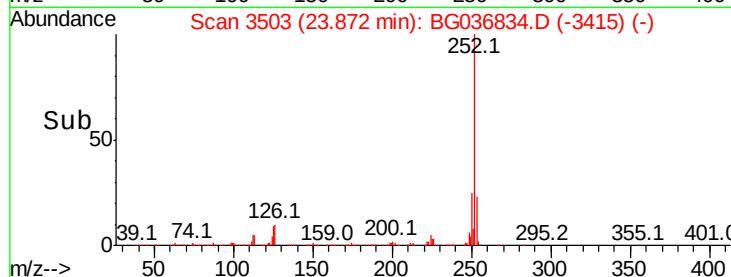
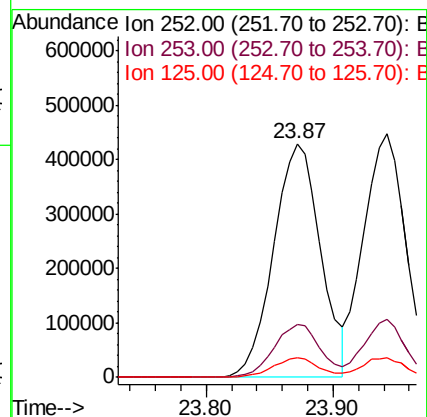
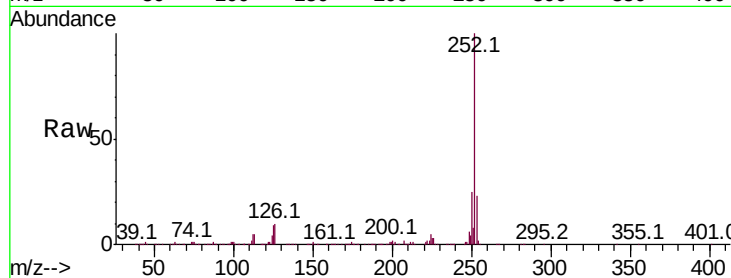
253 22.9 17.1 25.7

125 8.5 6.6 10.0

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#88

Benzo(k)fluoranthene

Concen: 45.383 ng

RT: 23.94 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BG036834.D

Acq: 20 Sep 2018 00:32

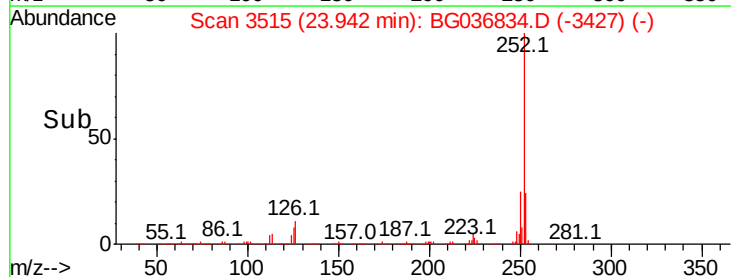
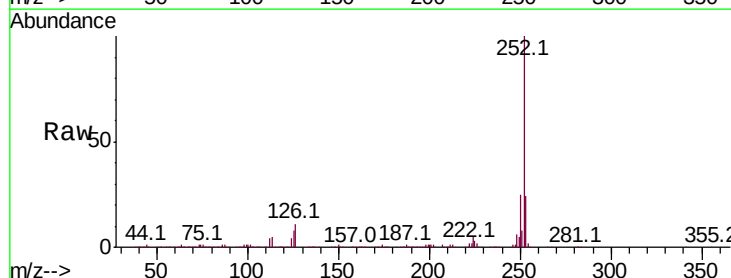
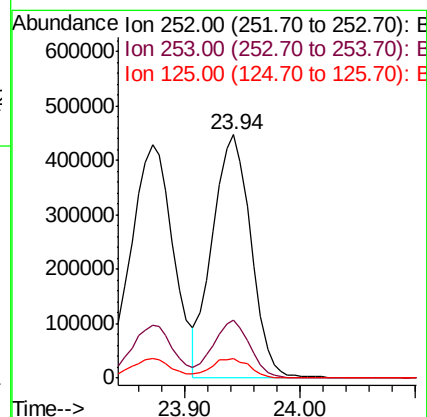
Tgt Ion:252 Resp: 1029504

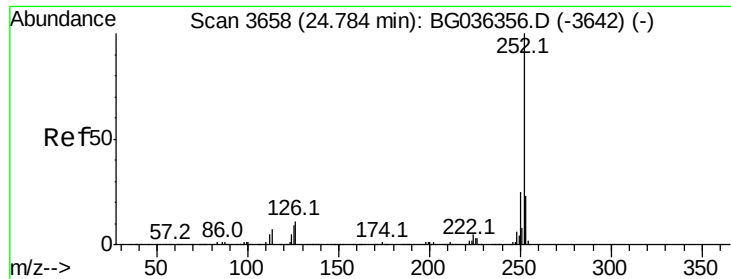
Ion Ratio Lower Upper

252 100

253 23.7 18.0 27.0

125 8.0 7.0 10.6





#89

Benzo(a)pyrene

Concen: 47.445 ng

RT: 24.74 min Scan# 3651

Delta R.T. -0.01 min

Lab File: BG036834.D

Acq: 20 Sep 2018 00:32

Instrument :

BNA_G

ClientSampleId :

PB113024BS

Tot Ion:252 Resp: 1058646

Ion Ratio Lower Upper

252 100

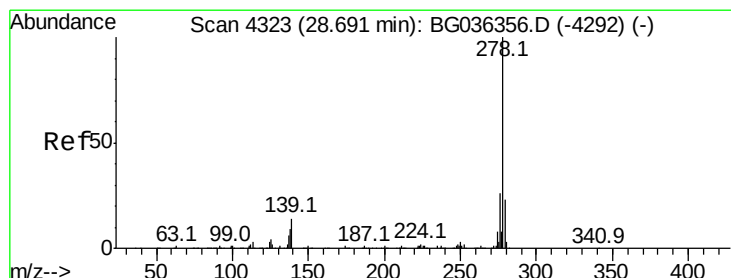
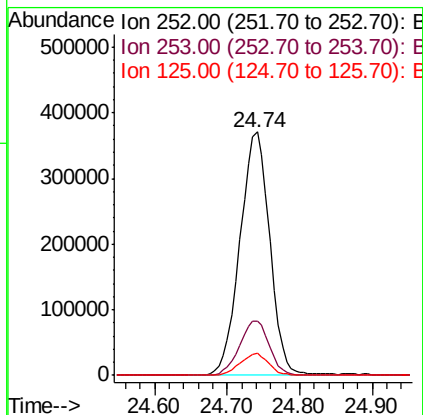
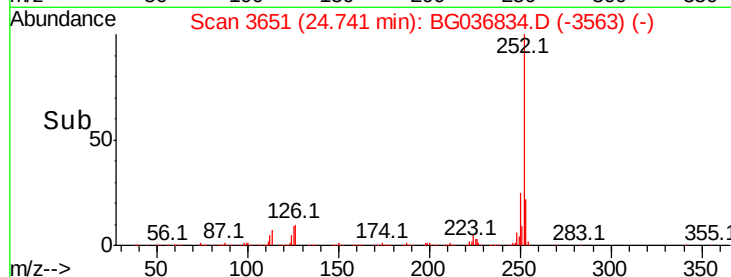
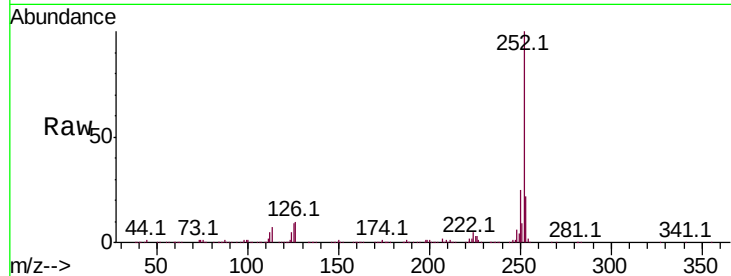
253 22.5 18.2 27.2

125 8.9 7.3 10.9

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#90

Dibenzo(a,h)anthracene

Concen: 45.733 ng

RT: 28.60 min Scan# 4307

Delta R.T. -0.03 min

Lab File: BG036834.D

Acq: 20 Sep 2018 00:32

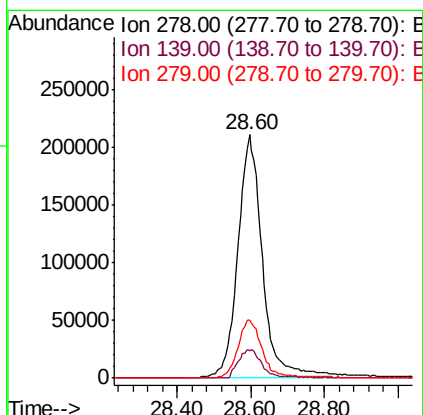
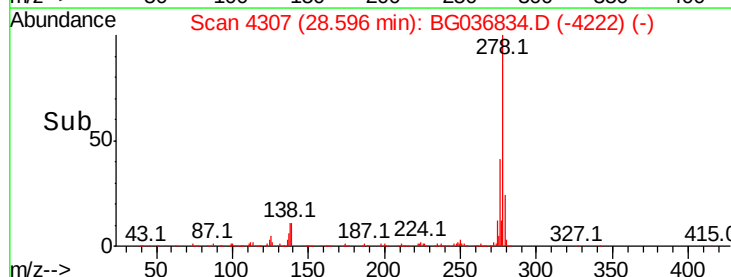
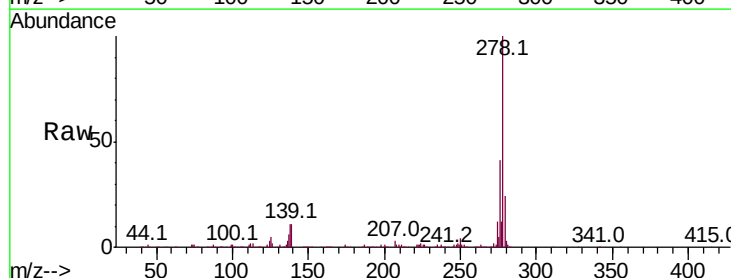
Tgt Ion:278 Resp: 985130

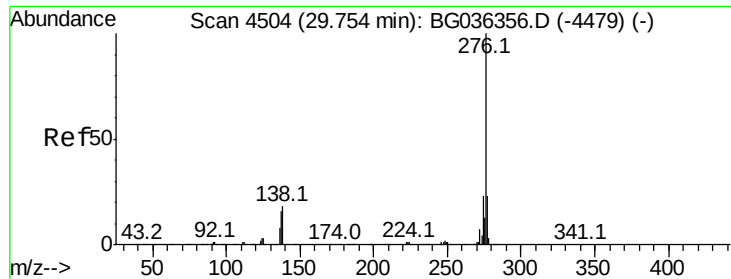
Ion Ratio Lower Upper

278 100

139 11.4 11.0 16.4

279 23.7 18.7 28.1





#91
 Benzo(a,h,i)perylene
 Concen: 45.794 ng
 RT: 29.68 min Scan# 4491
 Delta R.T. -0.02 min
 Lab File: BG036834.D
 Acq: 20 Sep 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :
 PB113024BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.4	27.6
138	16.3	14.6	22.0

Manual Integrations
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 9/20/2018 11:46:47 AM

