

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036801.D
 Acq On : 19 Sep 2018 1:00
 Operator : JU/SJ
 Sample : PB112954BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112954BS

Manual Integrations
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Sohil
 9/19/2018 12:30:08 PM

Quant Time: Sep 19 07:27:37 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	37283	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	177169	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	133080	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	368416	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	361658	20.00	ng	0.00
86) Perylene-d12	24.89	264	379206	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	330896	140.79	ng	0.00
7) Phenol-d6	7.21	99	465592	138.36	ng	0.00
23) Nitrobenzene-d5	9.21	82	285932	87.56	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	243450	153.31	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	725530	77.84	ng	-0.01
78) Terphenyl-d14	20.03	244	1341275	86.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	35728	32.573	ng	98
3) Pyridine	3.92	79	105860	34.383	ng	99
4) n-Nitrosodimethylamine	3.83	42	57508	41.936	ng	98
6) Aniline	7.37	93	140807	32.966	ng	97
8) 2-Chlorophenol	7.61	128	114682	44.995	ng	94
9) Benzaldehyde	7.18	77	54212	23.395	ng	96
10) Phenol	7.24	94	165087	46.880	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	111197	39.830	ng	99
12) 1,3-Dichlorobenzene	7.94	146	113392	38.962	ng	98
13) 1,4-Dichlorobenzene	8.08	146	116323	39.588	ng	95
14) 1,2-Dichlorobenzene	8.41	146	111292	39.660	ng	96
15) Benzyl Alcohol	8.28	79	117035	43.143	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	219196	38.932	ng	97
17) 2-Methylphenol	8.49	107	110594	47.297	ng	95
18) Hexachloroethane	9.13	117	44102	41.862	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	97898	38.927	ng	93
20) 3+4-Methylphenols	8.81	107	156954	48.078	ng	97
22) Acetophenone	8.87	105	176935	38.031	ng	# 96
24) Nitrobenzene	9.25	77	146208	41.523	ng	98
25) Isophorone	9.77	82	280668	43.267	ng	98
26) 2-Nitrophenol	9.96	139	67477	48.360	ng	96
27) 2,4-Dimethylphenol	10.02	122	121739	47.126	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	161348	40.528	ng	98
29) 2,4-Dichlorophenol	10.50	162	132602	46.837	ng	96
30) 1,2,4-Trichlorobenzene	10.71	180	127826	38.595	ng	98
31) Naphthalene	10.90	128	373119	42.129	ng	98
32) Benzoic acid	10.16	122	86472	45.416	ng	94
33) 4-Chloroaniline	11.01	127	103958	25.615	ng	98
34) Hexachlorobutadiene	11.19	225	84492	37.970	ng	96
35) Caprolactam	11.79	113	55790m	49.467	ng	
36) 4-Chloro-3-methylphenol	12.13	107	162007	49.247	ng	98
37) 2-Methylnaphthalene	12.51	142	298706	46.094	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	171932	36.507	ng	99
40) Hexachlorocyclopentadiene	12.85	237	205116	83.708	ng	100

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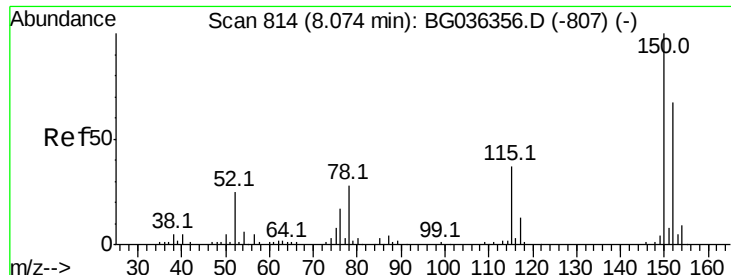
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Quant Time: Sep 19 07:27:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	124832	43.513	nq	96
43) 2,4,5-Trichlorophenol	13.18	196	138203	45.166	nq	97
45) 1,1'-Biphenyl	13.51	154	398756	36.097	nq	98
46) 2-Chloronaphthalene	13.55	162	311077	36.887	nq	99
47) 2-Nitroaniline	13.75	65	124623	47.060	nq	98
48) Acenaphthylene	14.40	152	545920	41.421	nq	100
49) Dimethylphthalate	14.13	163	453612	41.743	nq	99
50) 2,6-Dinitrotoluene	14.25	165	101687	45.476	nq	98
51) Acenaphthene	14.74	154	322639	38.223	nq	99
52) 3-Nitroaniline	14.58	138	80995	33.613	nq	95
53) 2,4-Dinitrophenol	14.78	184	89482	105.649	nq	95
54) Dibenzofuran	15.07	168	532004	40.230	nq	98
55) 4-Nitrophenol	14.89	139	171235	86.912	nq	99
56) 2,4-Dinitrotoluene	15.03	165	148886	51.089	nq	91
57) Fluorene	15.72	166	434434	43.945	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	143682	49.978	nq	98
59) Diethylphthalate	15.49	149	462790	42.259	nq	99
60) 4-Chlorophenyl-phenylether	15.71	204	247619	40.564	nq	98
61) 4-Nitroaniline	15.74	138	114949	45.587	nq	94
62) Azobenzene	16.01	77	450977	40.473	nq	99
64) 4,6-Dinitro-2-methylphenol	15.80	198	80461	49.717	nq	98
65) n-Nitrosodiphenylamine	15.93	169	409212	37.381	nq	97
66) 4-Bromophenyl-phenylether	16.61	248	169577	39.314	nq	96
67) Hexachlorobenzene	16.73	284	169747	38.486	nq	98
68) Atrazine	16.87	200	180056	43.821	nq	99
69) Pentachlorophenol	17.07	266	211927	70.699	nq	98
70) Phenanthrene	17.46	178	762285	40.720	nq	99
71) Anthracene	17.55	178	773782	41.466	nq	99
72) Carbazole	17.82	167	684198	36.713	nq	97
73) Di-n-butylphthalate	18.38	149	791453	38.137	nq	99
74) Fluoranthene	19.47	202	927905	40.655	nq	99
76) Benzidine	19.65	184	448994	38.913	nq	100
77) Pyrene	19.83	202	918570	41.303	nq	99
79) Butylbenzylphthalate	20.71	149	359164	40.580	nq	97
80) Benzo(a)anthracene	21.67	228	909169	41.496	nq	100
81) 3,3'-Dichlorobenzidine	21.58	252	223679	25.616	nq	100
82) Chrysene	21.74	228	845196	40.698	nq	100
83) Bis(2-ethylhexyl)phthalate	21.57	149	484906	39.151	nq	100
84) Di-n-octyl phthalate	22.78	149	820267	39.651	nq	98
85) Indeno(1,2,3-cd)pyrene	28.54	276	998944	41.413	nq	99
87) Benzo(b)fluoranthene	23.88	252	906039	43.027	nq	98
88) Benzo(k)fluoranthene	23.95	252	841660	40.913	nq	98
89) Benzo(a)pyrene	24.75	252	862636	42.632	nq	99
90) Dibenzo(a,h)anthracene	28.61	278	815731	41.759	nq	97
91) Benzo(g,h,i)perylene	29.68	276	833714	42.470	nq	97

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



#1

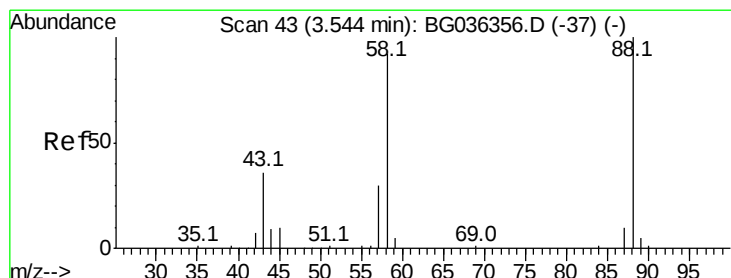
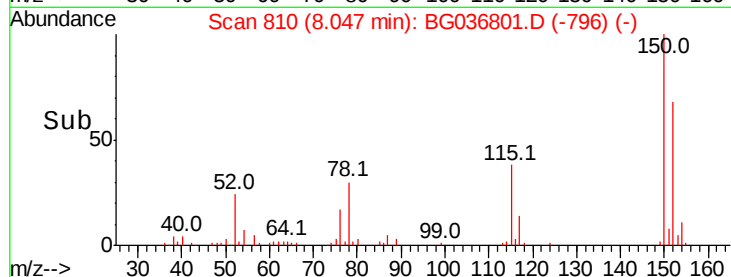
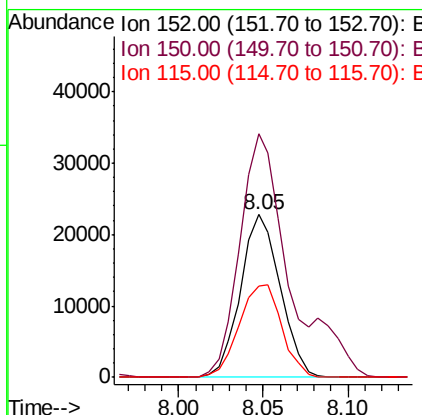
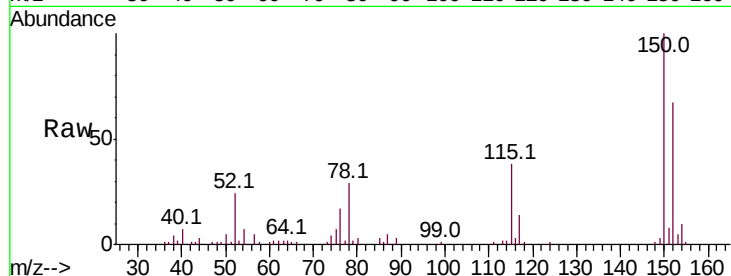
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Instrument :
BNA_G
ClientSampleId :
PB112954BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	119.5	179.3
115	56.6	44.5	66.7

Manual Integrations
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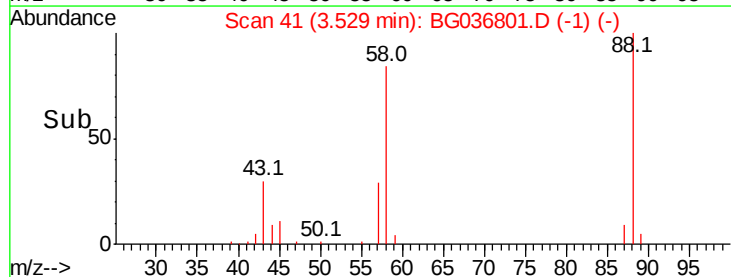
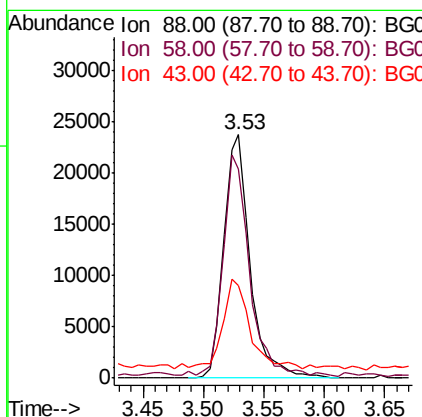
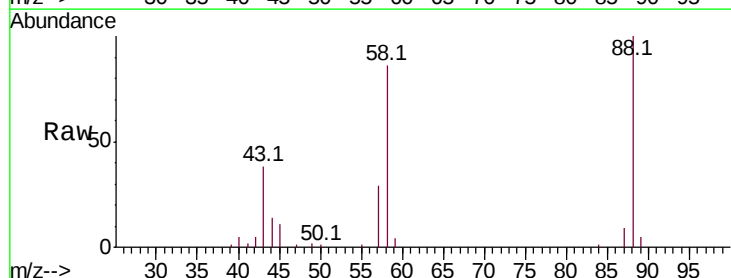
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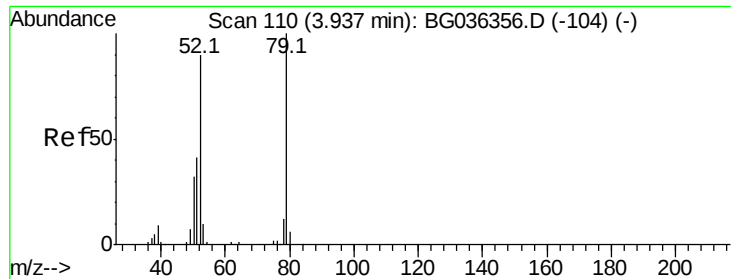


#2

1,4-Dioxane
Concen: 32.573 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.6	72.6	109.0
43	38.2	29.0	43.4





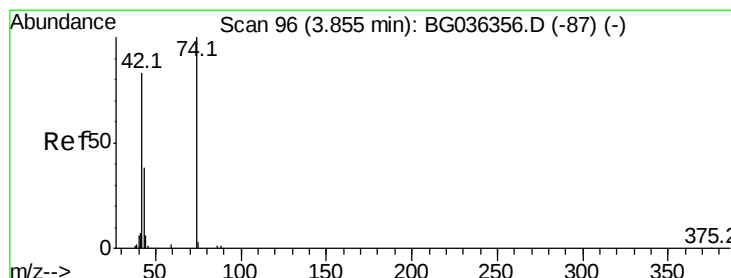
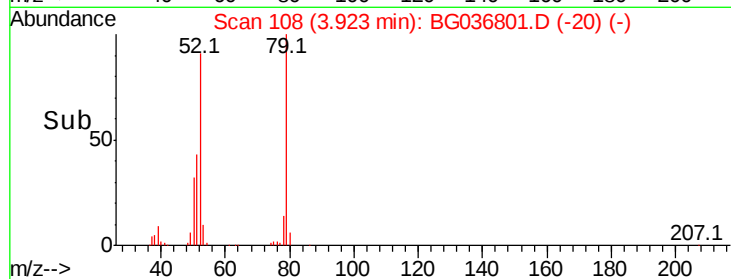
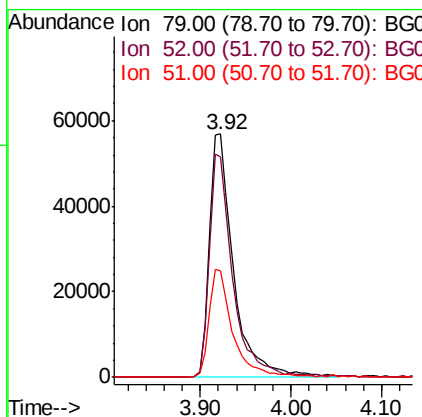
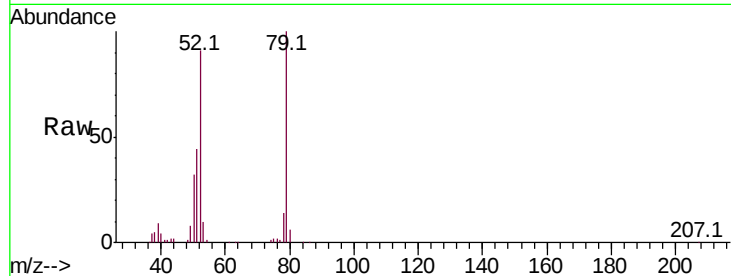
#3
 Pvridine
 Concen: 34.383 ng
 RT: 3.92 min Scan# 108
 Delta R.T. -0.01 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB112954BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	90.8	72.3	108.5
51	43.8	33.8	50.6

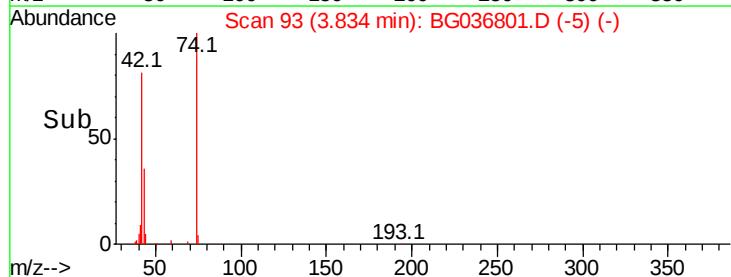
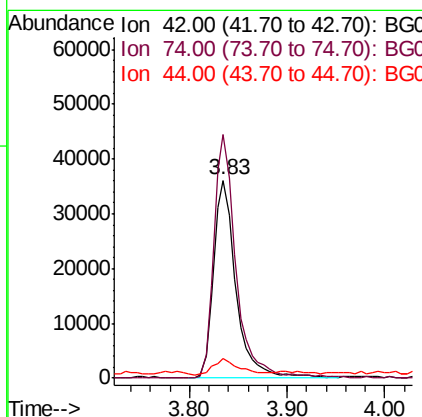
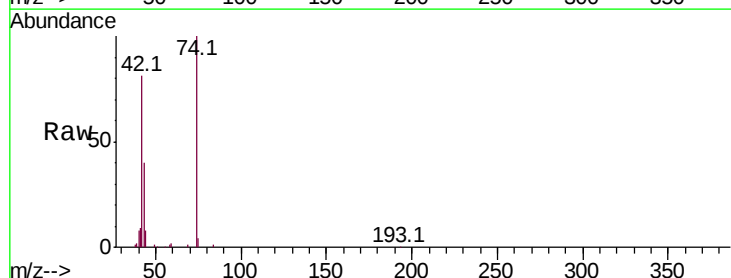
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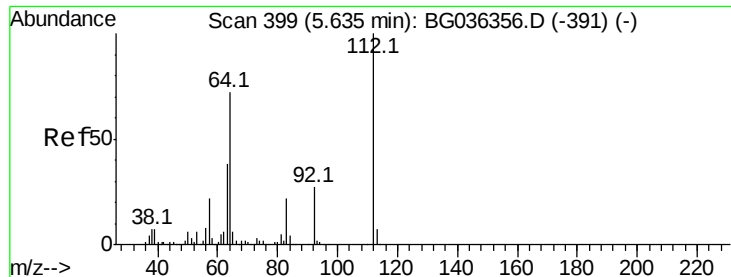
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#4
 n-Nitrosodimethylamine
 Concen: 41.936 ng
 RT: 3.83 min Scan# 93
 Delta R.T. -0.01 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.1	96.6	145.0
44	9.8	7.0	10.4





#5

2-Fluorophenol

Concen: 140.788 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036801.D

Acq: 19 Sep 2018 1:00

Instrument :

BNA_G

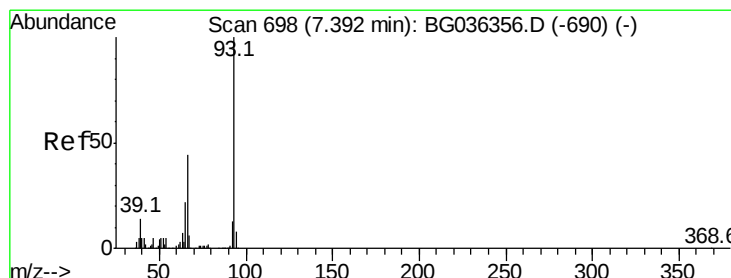
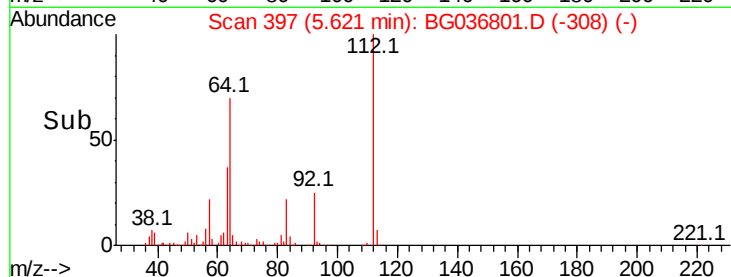
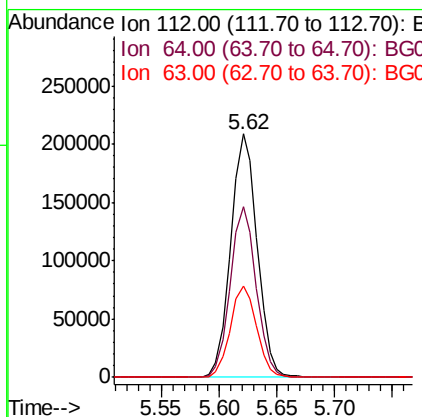
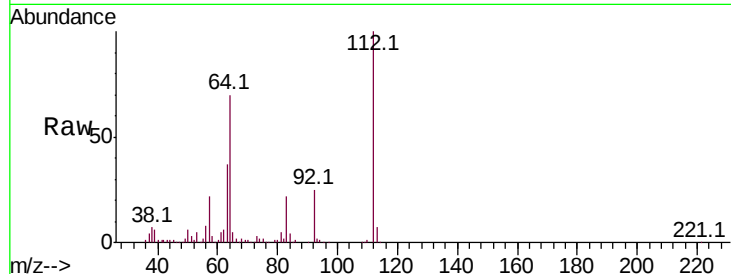
ClientSampleId :

PB112954BS

Tot Ion:	112	Resp:	330896
Ion Ratio	Lower	Upper	
112	100		
64	69.9	57.2	85.8
63	37.3	30.8	46.2

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#6

Aniline

Concen: 32.966 ng

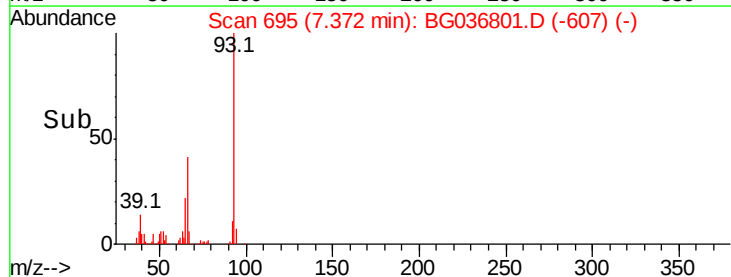
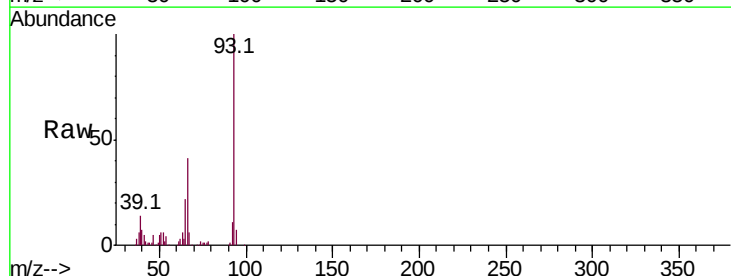
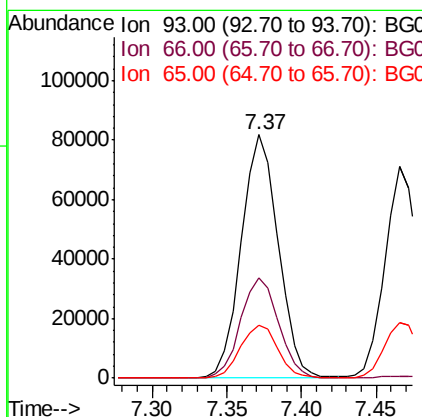
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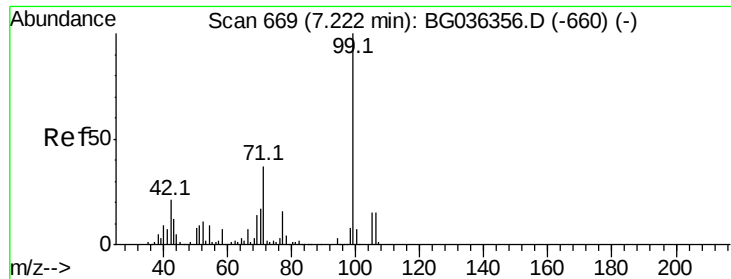
Delta R.T. -0.01 min

Lab File: BG036801.D

Acq: 19 Sep 2018 1:00

Tgt Ion:	93	Resp:	140807
Ion Ratio	Lower	Upper	
93	100		
66	41.1	35.0	52.4
65	21.8	17.6	26.4





#7

Phenol-d6

Concen: 138.360 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036801.D

Acq: 19 Sep 2018 1:00

Instrument :

BNA_G

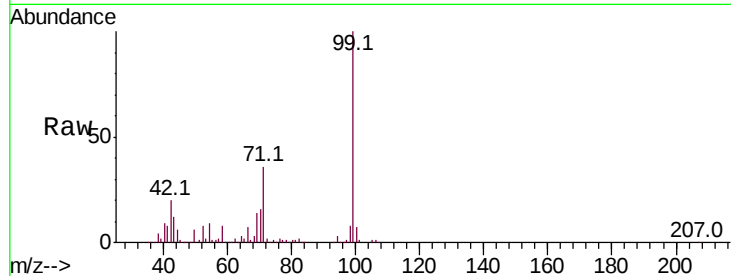
ClientSampleId :

PB112954BS

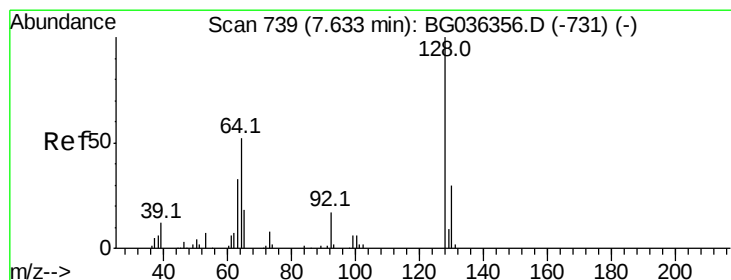
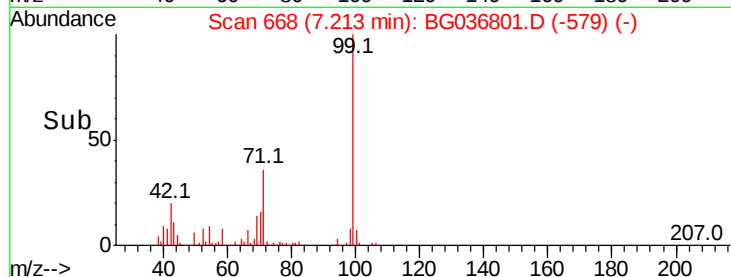
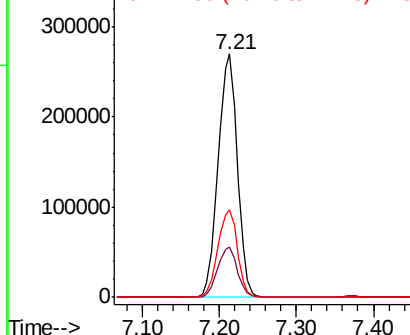
Tot Ion:	99	Resp:	465592
Ion Ratio	Lower	Upper	
99	100		
42	20.5	16.5	24.7
71	35.7	29.4	44.2

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



#8

2-Chlorophenol

Concen: 44.995 ng

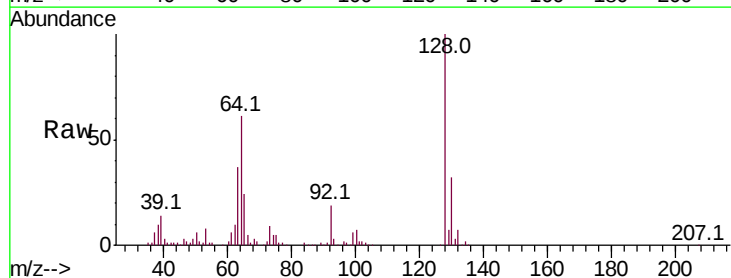
RT: 7.61 min Scan# 736

Delta R.T. -0.01 min

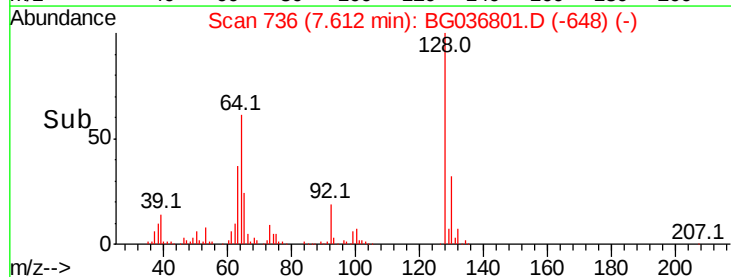
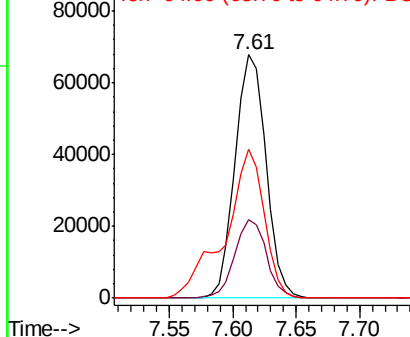
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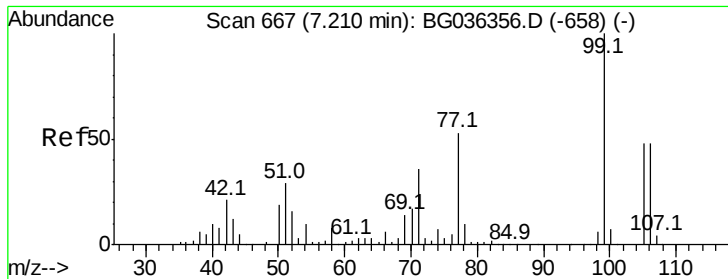
Acq: 19 Sep 2018 1:00

Tgt Ion:	128	Resp:	114682
Ion Ratio	Lower	Upper	
128	100		
130	32.3	10.0	50.0
64	61.1	36.0	76.0



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





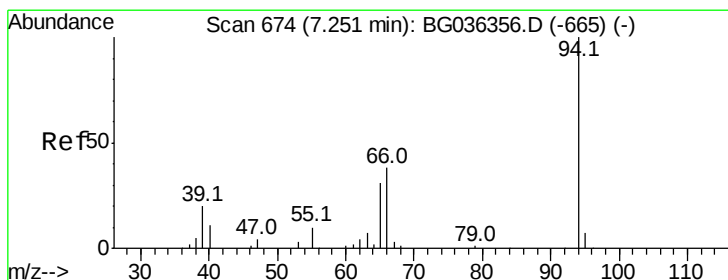
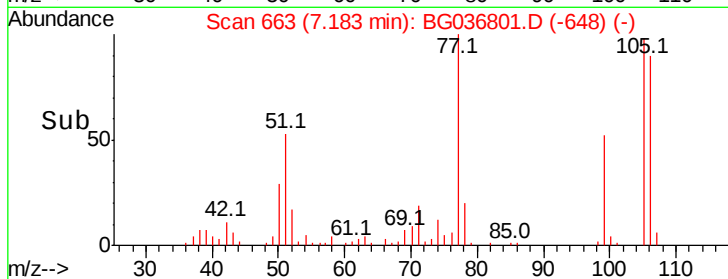
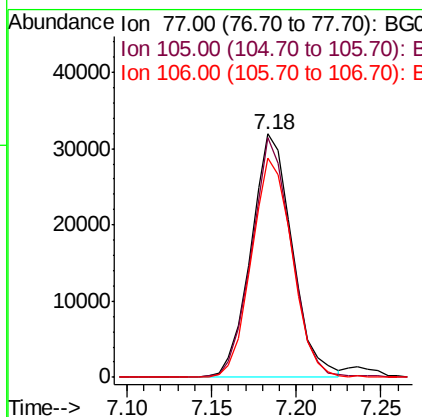
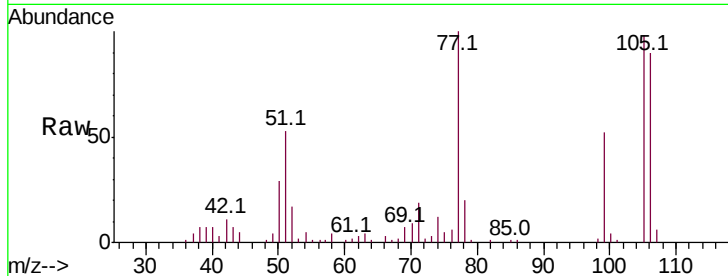
#9
Benzaldehyde
Concen: 23.395 ng
RT: 7.18 min Scan# 663
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Instrument :
BNA_G
ClientSampleId :
PB112954BS

Tot Ion: 77 Resp: 54212
Ion Ratio Lower Upper
77 100
105 98.2 70.5 110.5
106 90.2 69.8 109.8

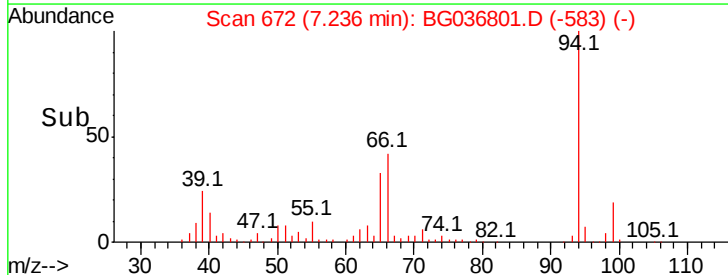
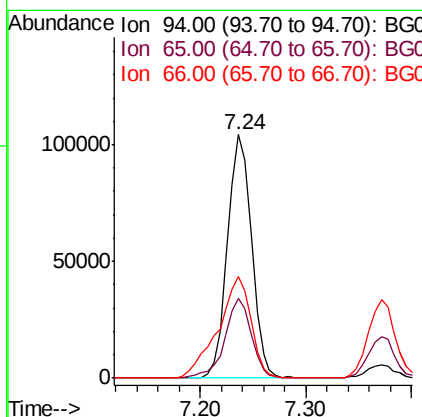
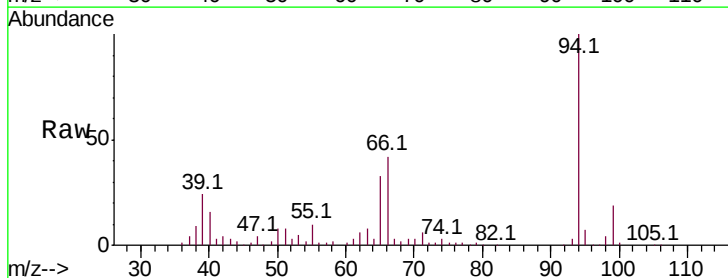
Manual Integrations
APPROVED

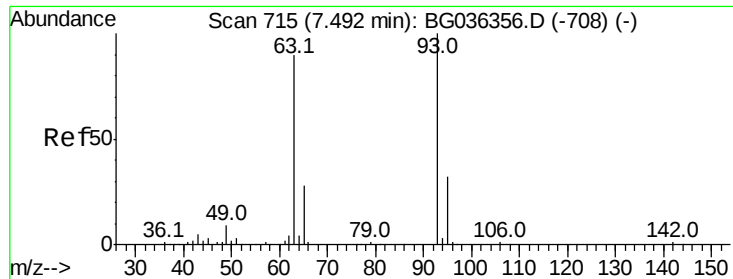
Sohil
9/19/2018 12:30:08 PM



#10
Phenol
Concen: 46.880 ng
RT: 7.24 min Scan# 672
Delta R.T. -0.00 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Tgt Ion: 94 Resp: 165087
Ion Ratio Lower Upper
94 100
65 32.9 11.5 51.5
66 41.7 19.5 59.5





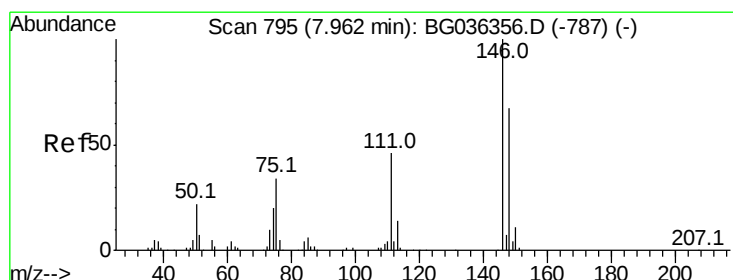
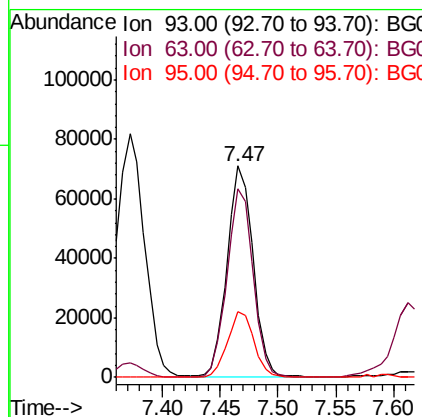
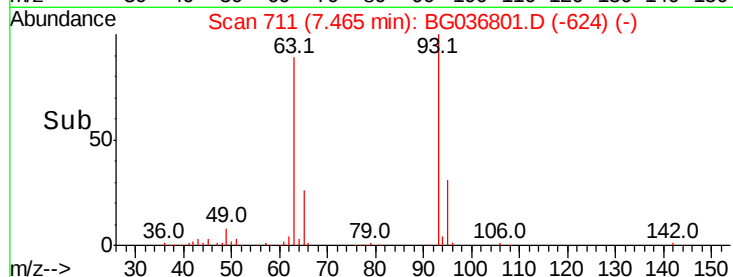
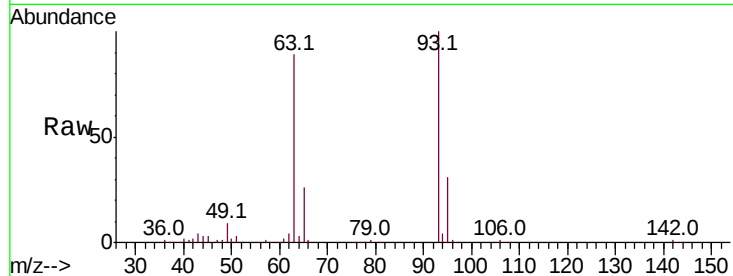
#11
bis(2-Chloroethyl)ether
Concen: 39.830 ng
RT: 7.47 min Scan# 711
Delta R.T. -0.02 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Instrument :
BNA_G
ClientSampleId :
PB112954BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	89.0	69.9	109.9	
95	31.4	11.7	51.7	

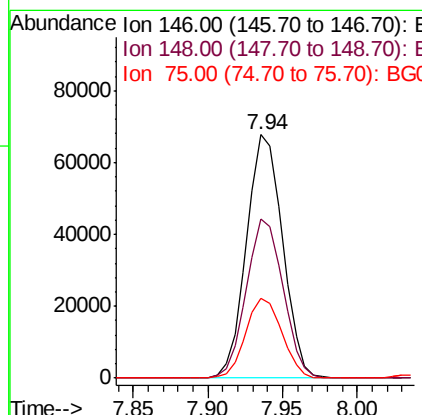
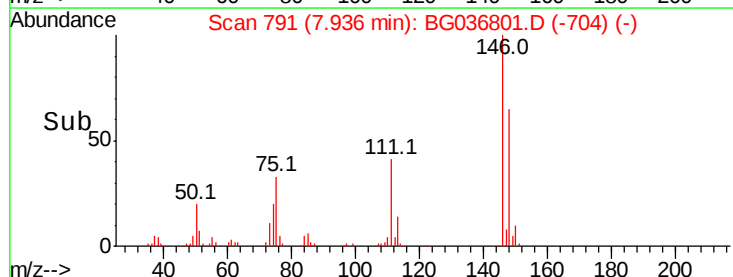
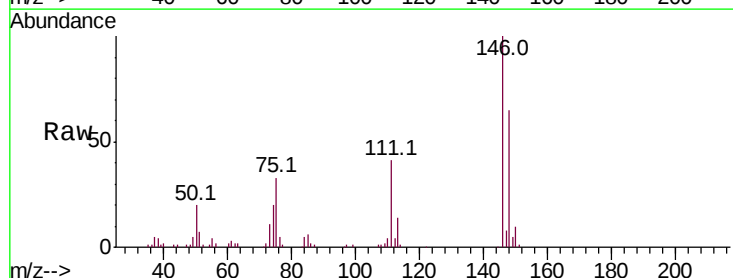
Manual Integrations
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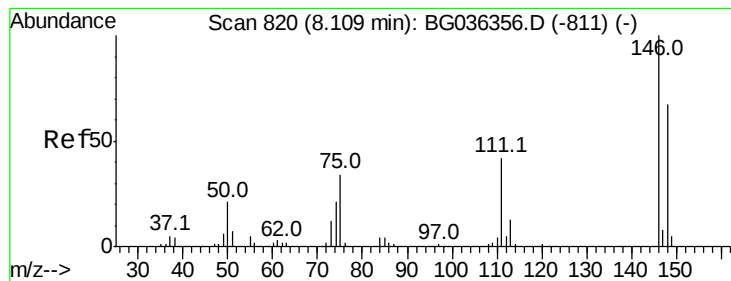
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.962 ng
RT: 7.94 min Scan# 791
Delta R.T. -0.02 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.2	53.8	80.6	
75	32.9	27.2	40.8	





#13

1,4-Dichlorobenzene

Concen: 39.588 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.02 min

Lab File: BG036801.D

Acq: 19 Sep 2018 1:00

Instrument :

BNA_G

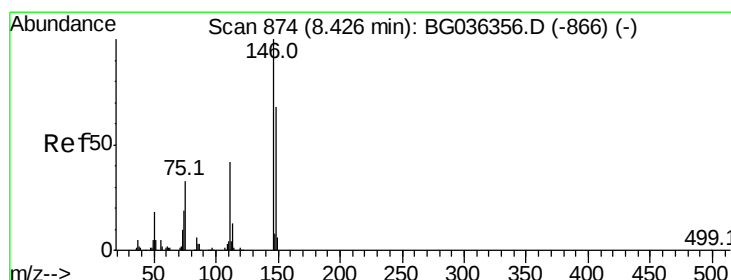
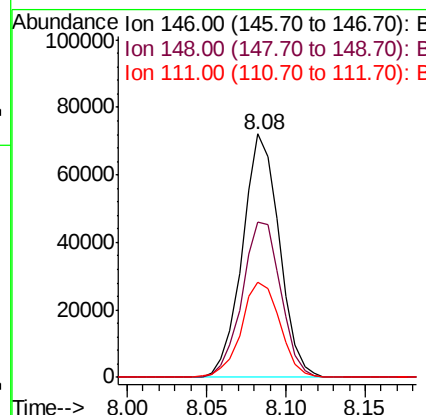
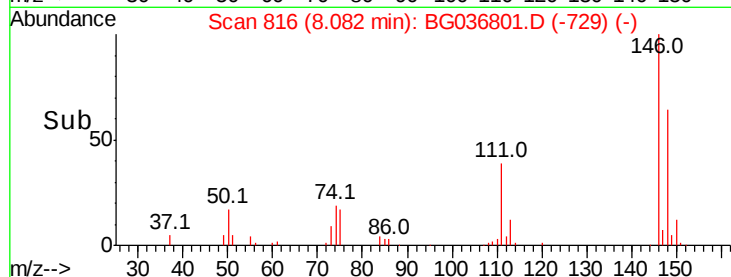
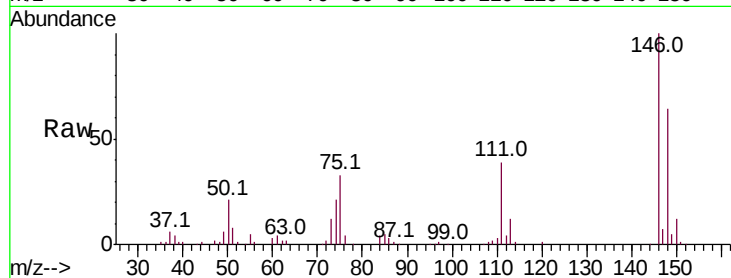
ClientSampleId :

PB112954BS

Tot Ion:	146	Resp:	116323
Ion Ratio	Lower	Upper	
146	100		
148	63.6	53.9	80.9
111	39.0	33.8	50.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.660 ng

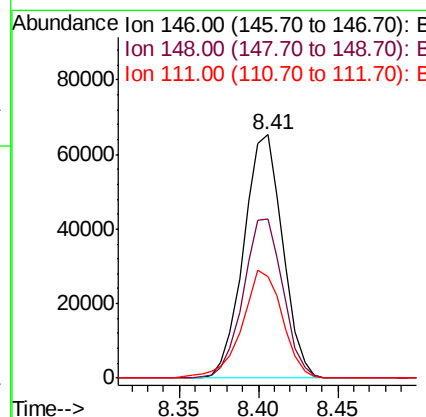
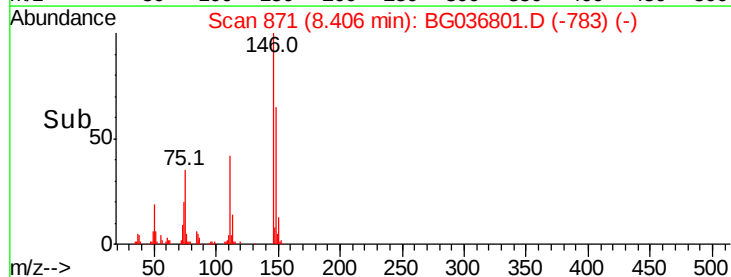
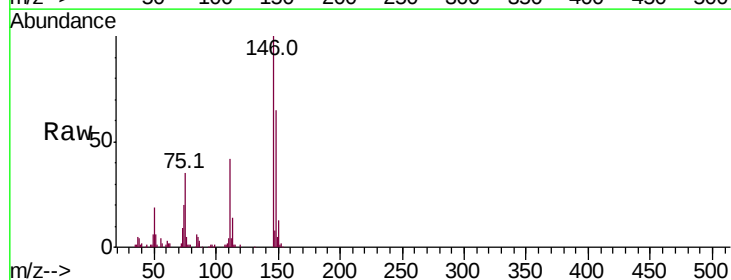
RT: 8.41 min Scan# 871

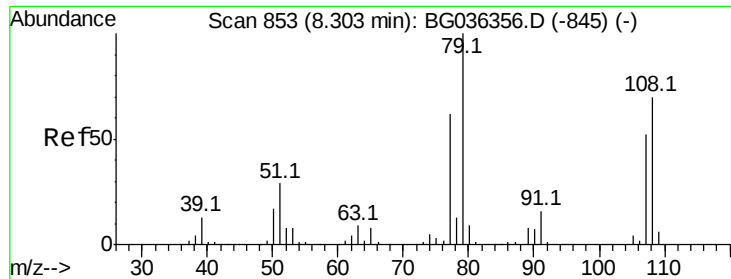
Delta R.T. -0.01 min

Lab File: BG036801.D

Acq: 19 Sep 2018 1:00

Tgt Ion:	146	Resp:	111292
Ion Ratio	Lower	Upper	
146	100		
148	65.2	55.0	82.6
111	41.7	34.6	51.8





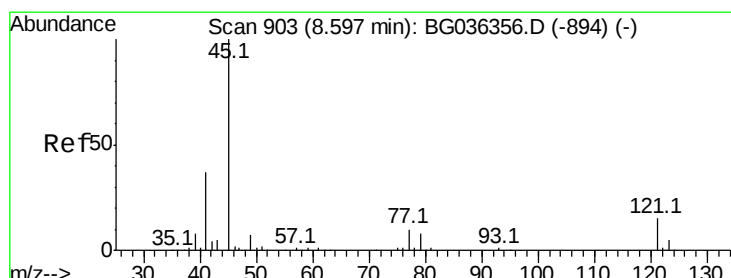
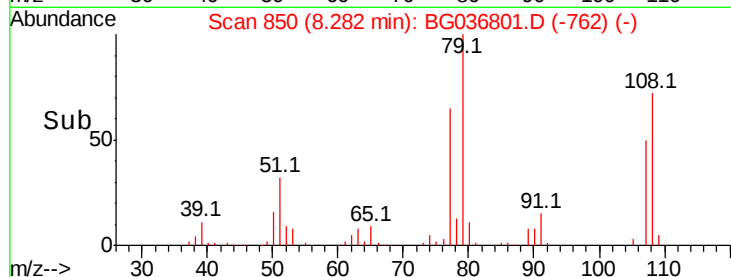
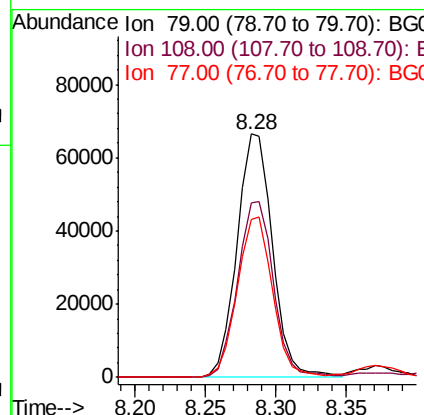
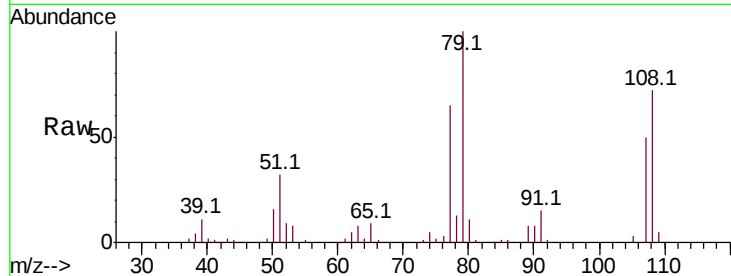
#15
Benzyl Alcohol
Concen: 43.143 ng
RT: 8.28 min Scan# 850
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Instrument :
BNA_G
ClientSampleId :
PB112954BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	71.9	55.9	83.9	
77	64.6	50.0	75.0	

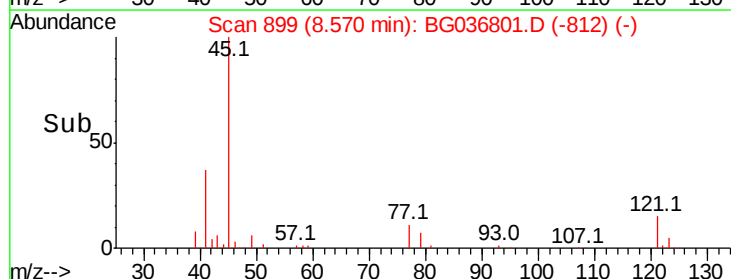
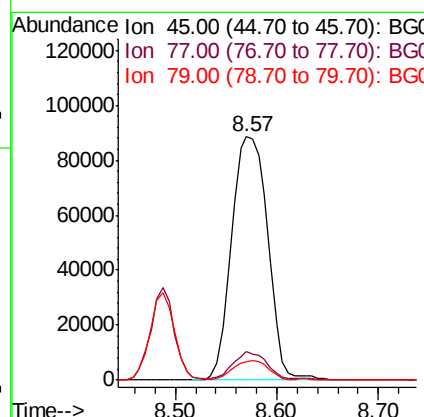
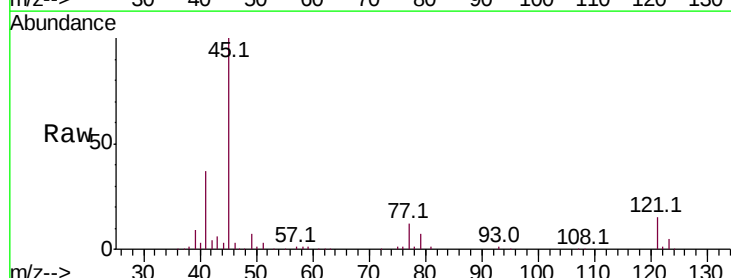
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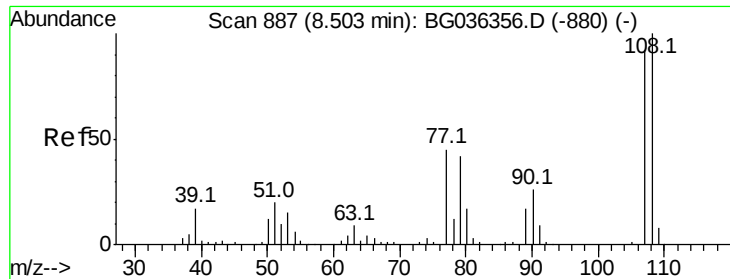
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.932 ng
RT: 8.57 min Scan# 899
Delta R.T. -0.02 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	11.9	0.0	30.5	
79	7.5	0.0	27.9	





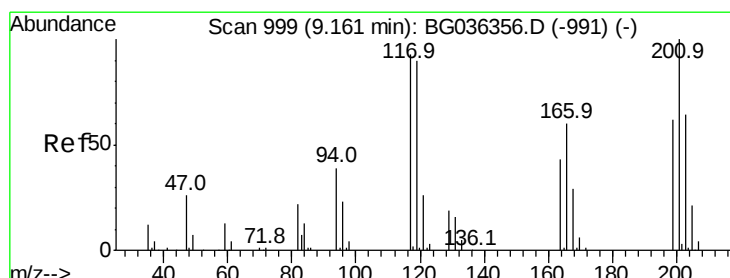
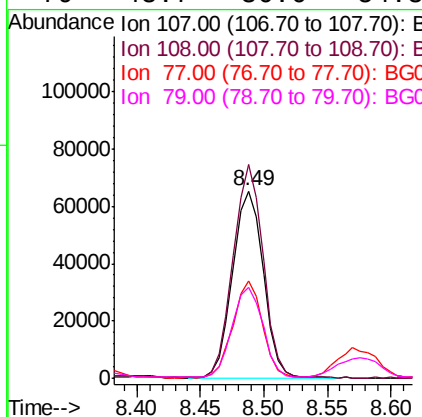
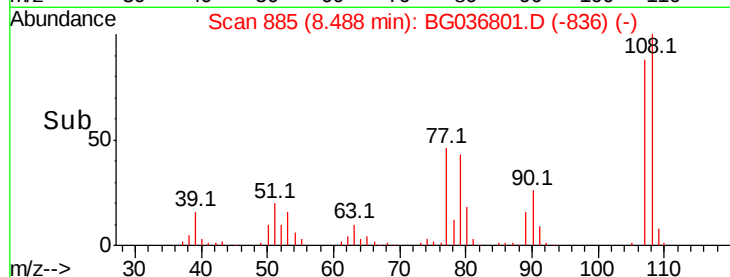
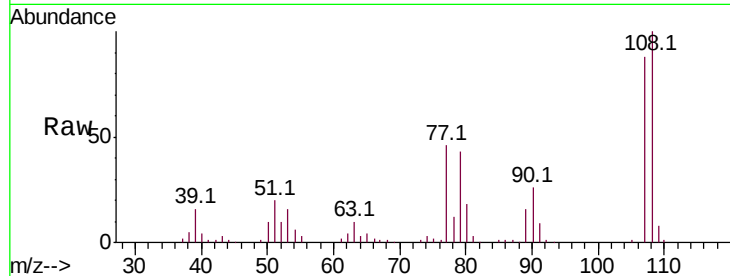
#17
2-Methylphenol
Concen: 47.297 ng
RT: 8.49 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Instrument :
BNA_G
ClientSampleId :
PB112954BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	86.7	130.1	
77	51.9	39.0	58.4	
79	48.7	36.6	54.8	

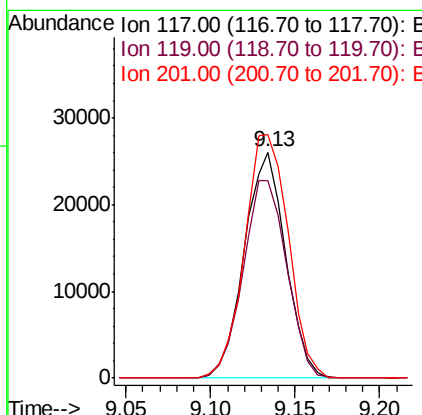
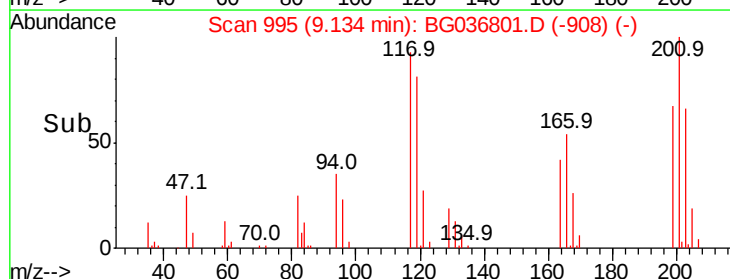
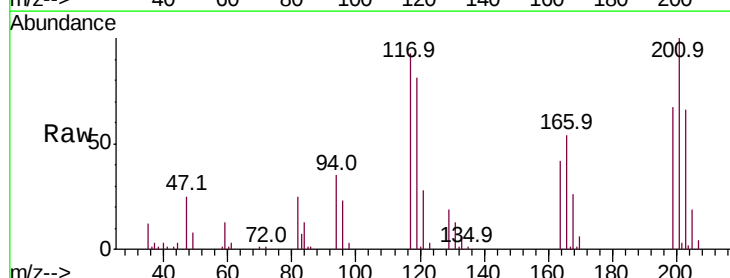
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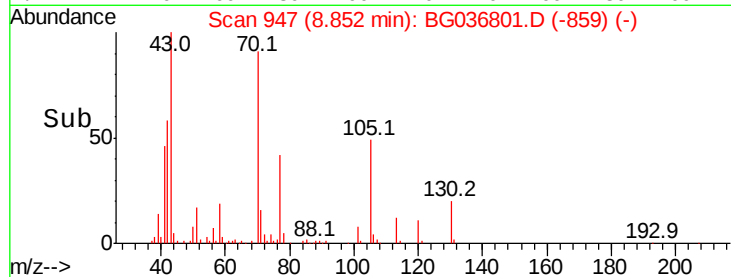
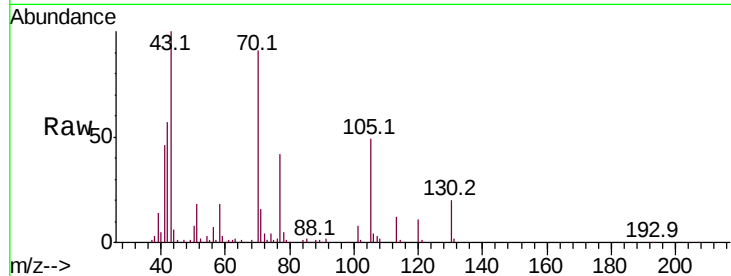
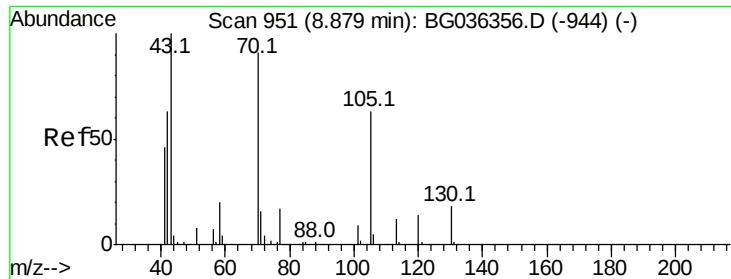
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#18
Hexachloroethane
Concen: 41.862 ng
RT: 9.13 min Scan# 995
Delta R.T. -0.02 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	87.2	76.8	115.2	
201	107.6	85.7	128.5	





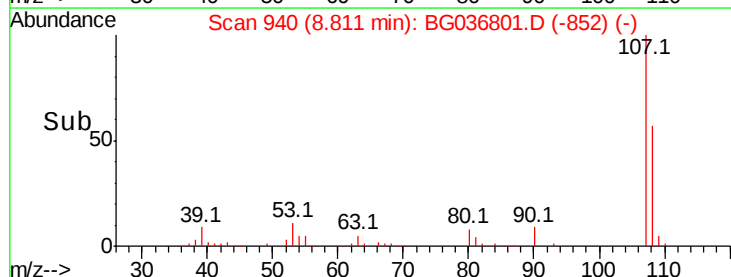
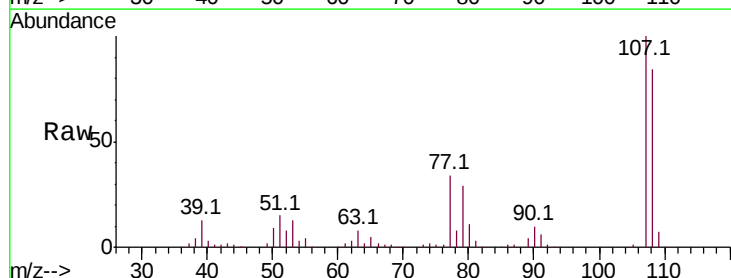
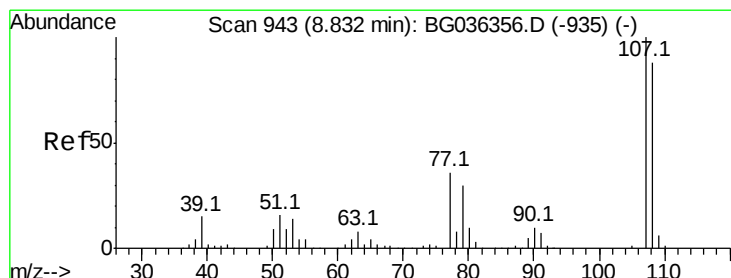
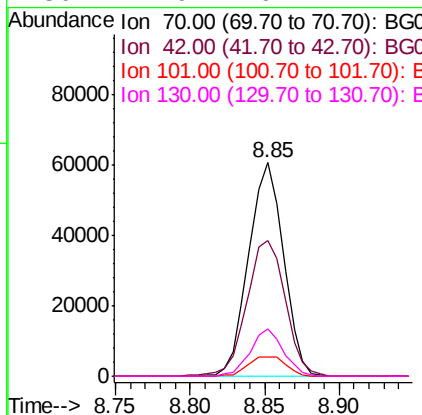
#19
n-Nitroso-di-n-propylamine
Concen: 38.927 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Instrument :
BNA_G
ClientSampled :
PB112954BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.3	56.2	84.4	
101	9.1	7.8	11.6	
130	21.9	16.2	24.2	

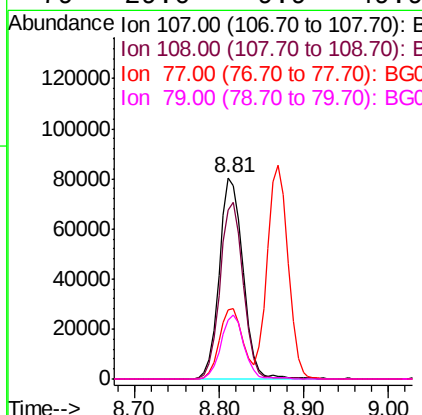
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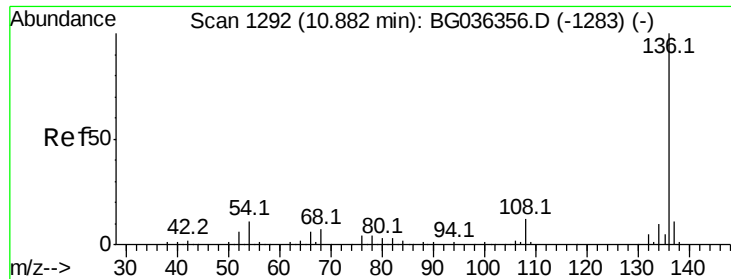
Sohil
9/19/2018 12:30:08 PM



#20
3+4-Methylphenols
Concen: 48.078 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.3	68.0	108.0	
77	34.5	15.6	55.6	
79	29.0	9.9	49.9	





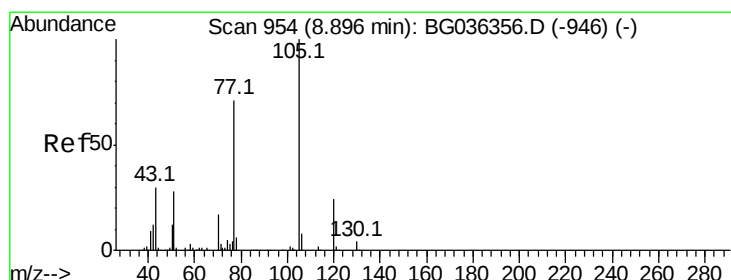
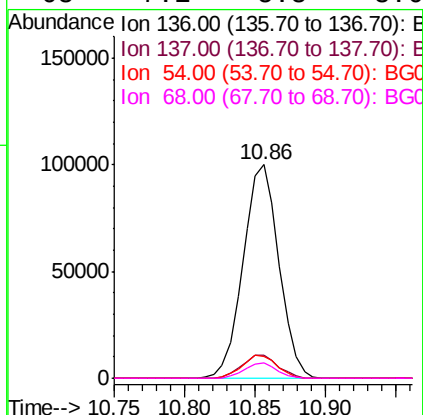
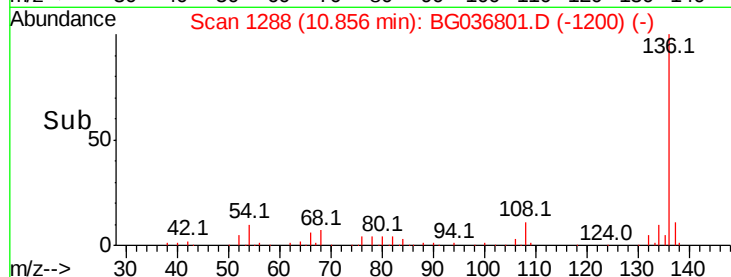
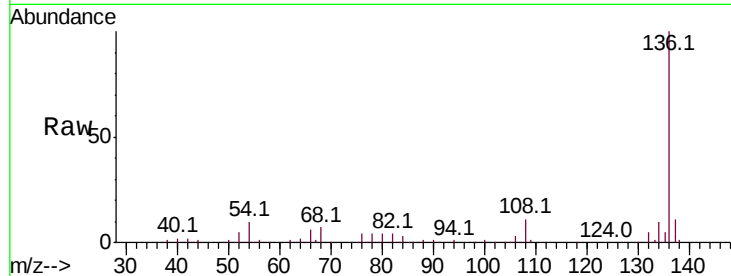
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Instrument :
BNA_G
ClientSampleId :
PB112954BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	177169		
137	11.1		8.8	13.2
54	10.2		9.2	13.8
68	7.1		5.8	8.6

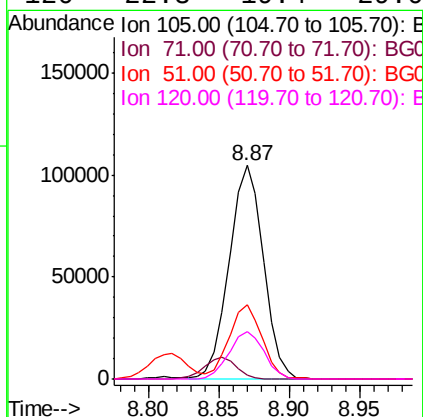
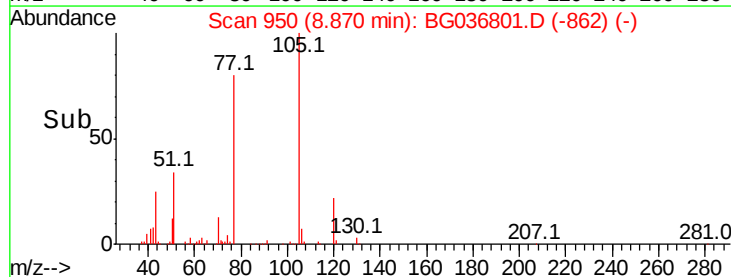
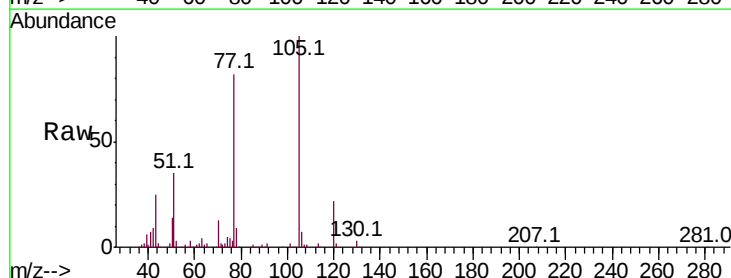
Manual Integrations
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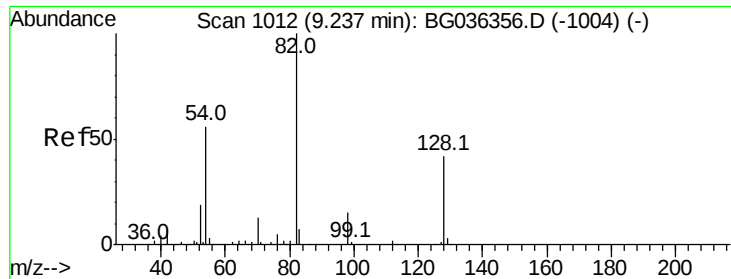
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#22
Acetophenone
Concen: 38.031 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	176935		
71	1.9		2.4	3.6#
51	34.7		25.9	38.9
120	22.3		19.4	29.0





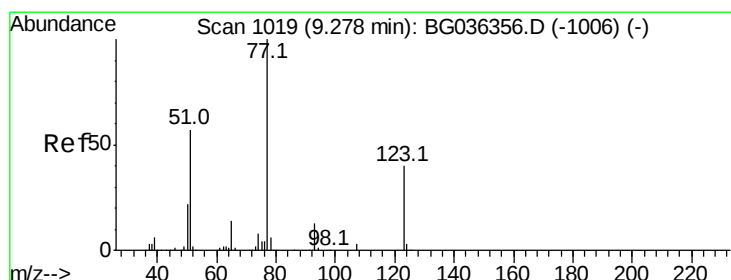
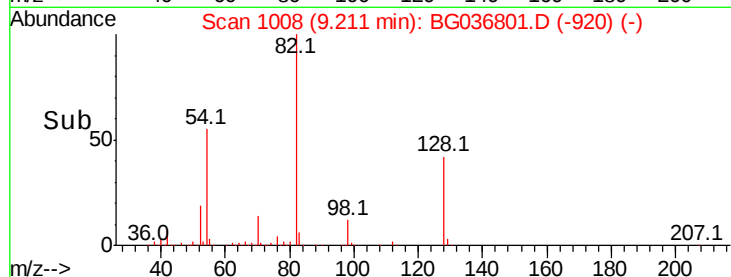
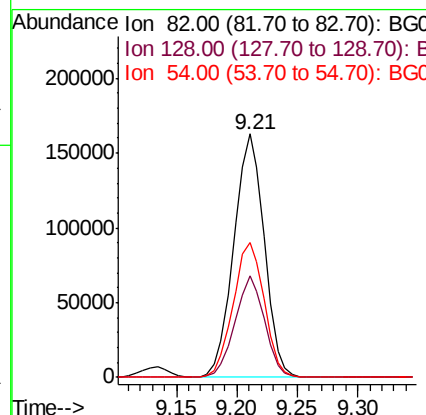
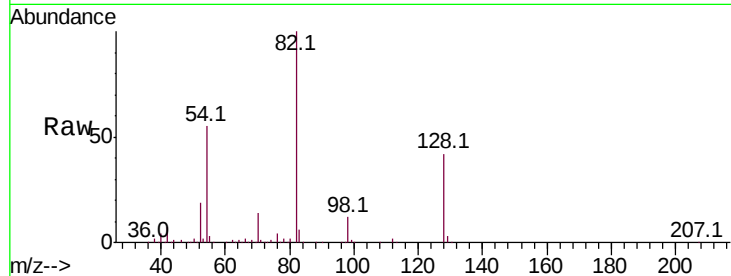
#23
Nitrobenzene-d5
Concen: 87.565 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Instrument :
BNA_G
ClientSampled :
PB112954BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	285932		
128	41.6	33.3	49.9	
54	55.2	45.1	67.7	

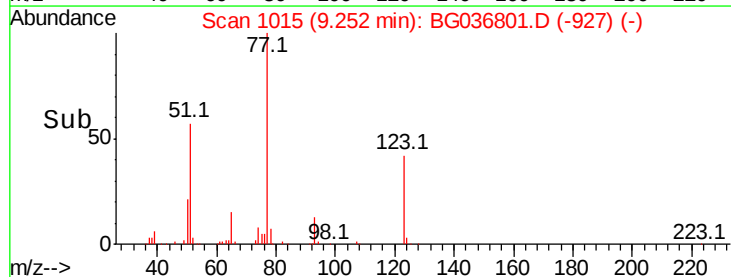
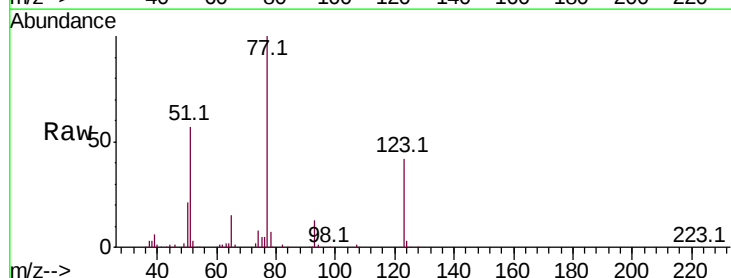
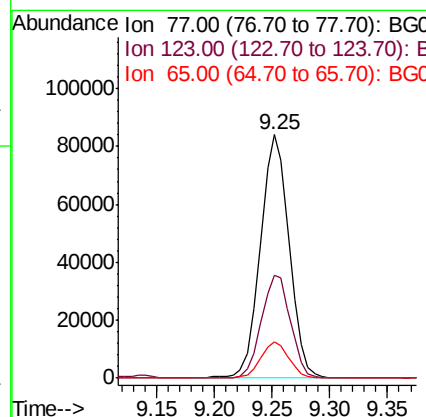
Manual Integrations
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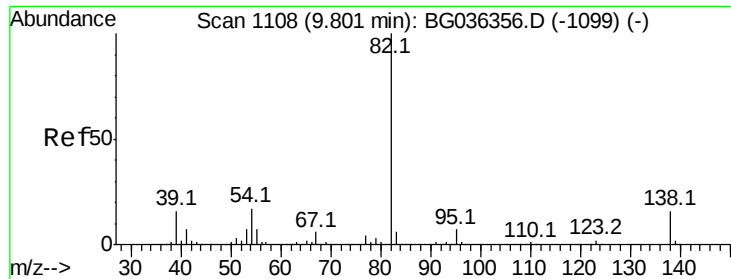
Sohil
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#24
Nitrobenzene
Concen: 41.523 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	146208		
123	42.2	32.4	48.6	
65	14.7	11.5	17.3	





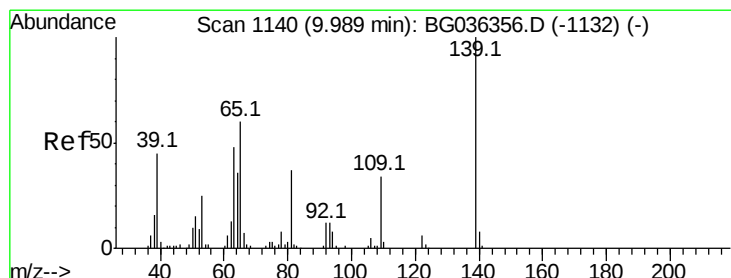
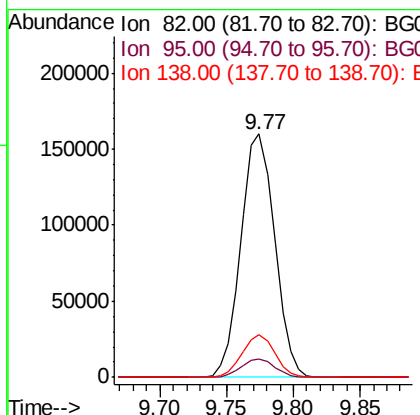
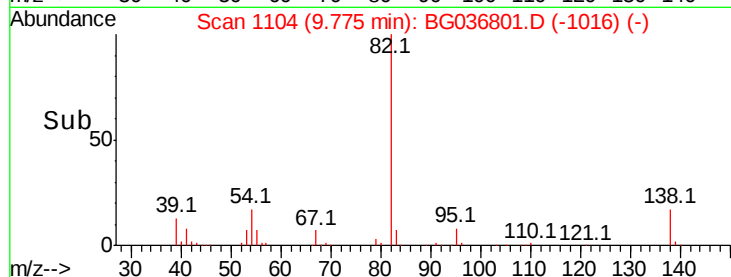
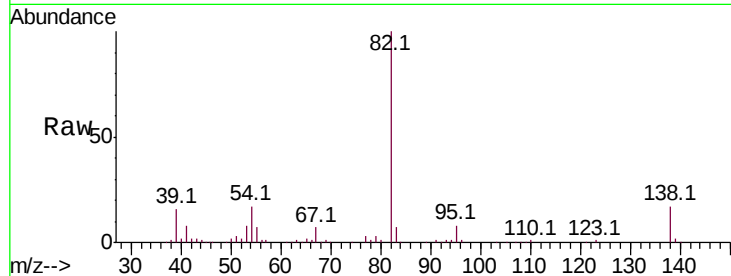
#25
Isophorone
Concen: 43.267 ng
RT: 9.77 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Instrument :
BNA_G
ClientSampleId :
PB112954BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	280668		
95	7.6		5.8	8.8
138	17.3		12.9	19.3

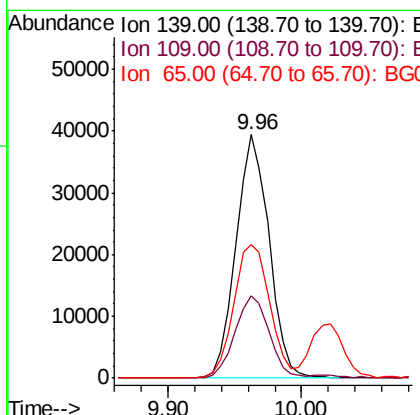
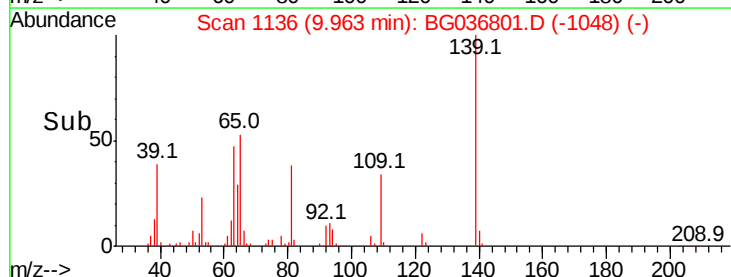
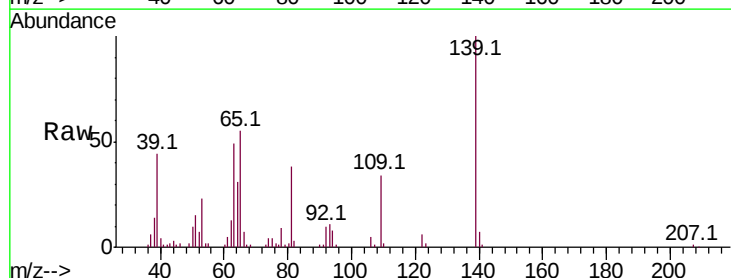
Manual Integrations
APPROVED

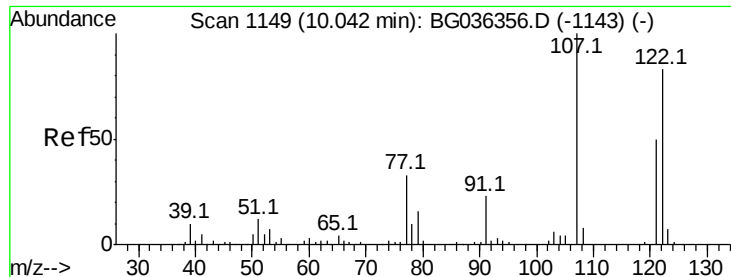
Sohil
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#26
2-Nitrophenol
Concen: 48.360 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	67477		
109	34.0		27.4	41.0
65	54.8		47.8	71.6





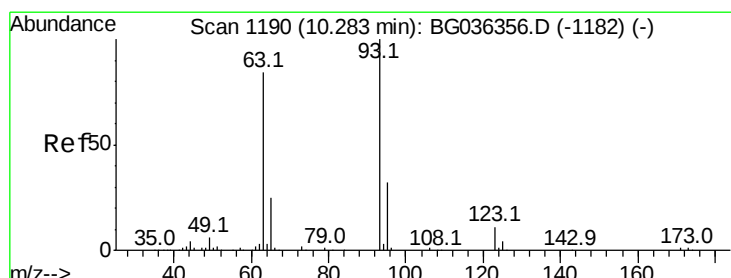
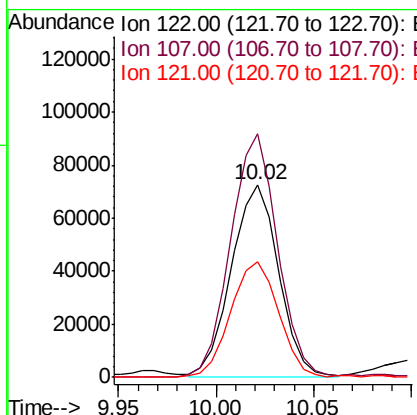
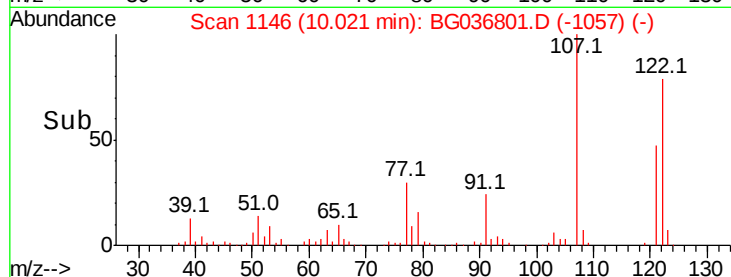
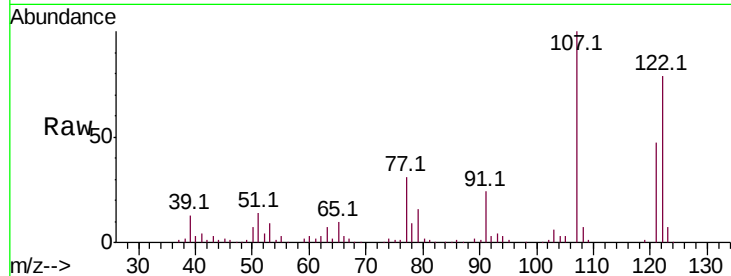
#27
 2,4-Dimethylphenol
 Concen: 47.126 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB112954BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	121739		
107	126.3	96.0	144.0	
121	59.8	48.2	72.4	

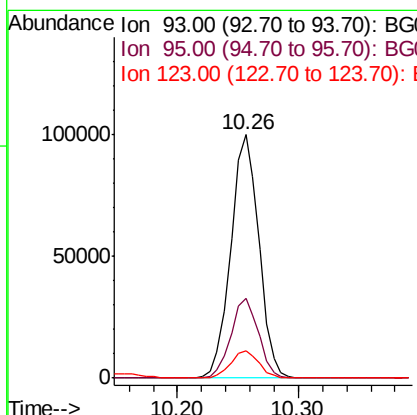
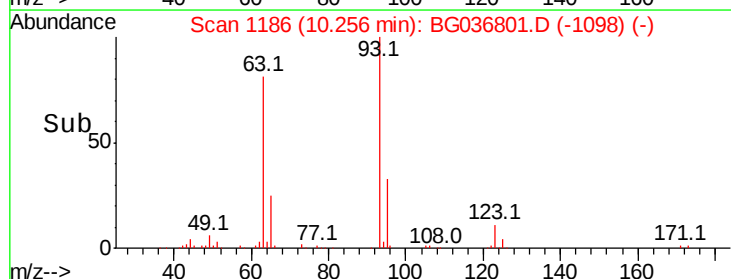
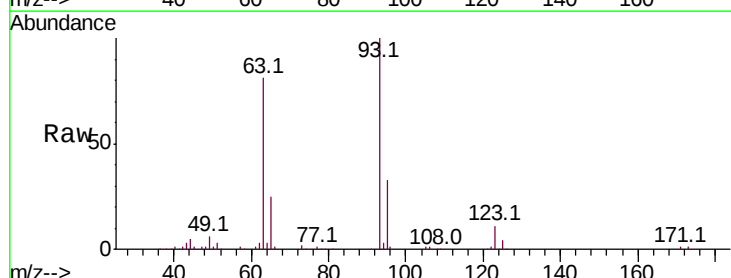
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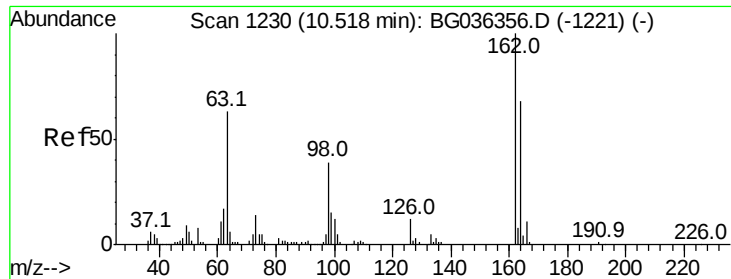
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.528 ng
 RT: 10.26 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	161348		
95	32.7	25.2	37.8	
123	11.3	8.6	12.8	





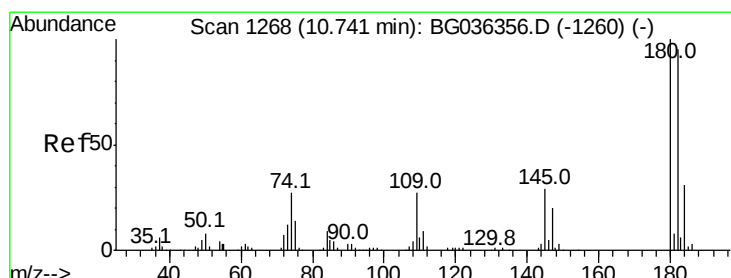
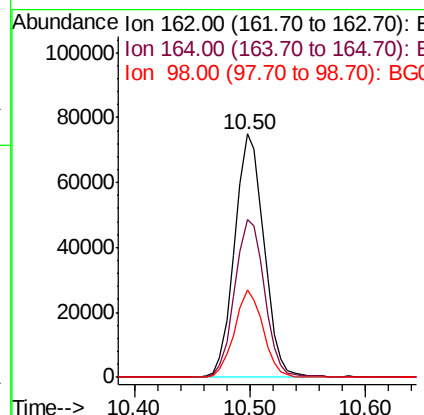
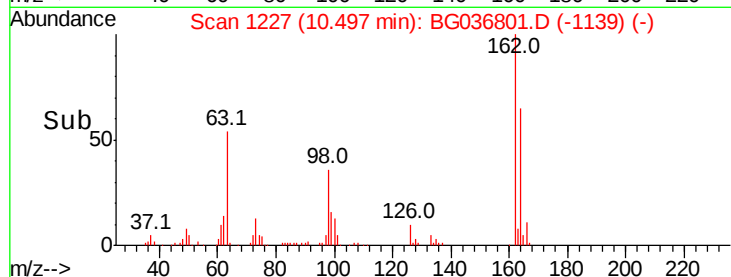
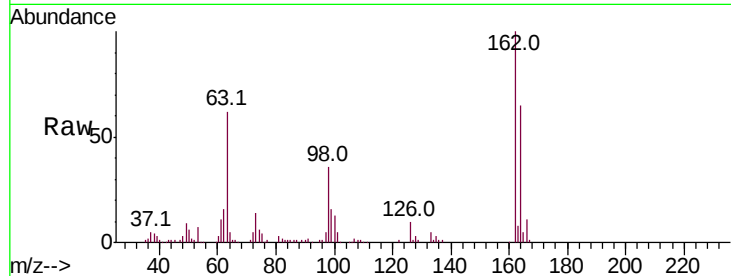
#29
 2,4-Dichlorophenol
 Concen: 46.837 ng
 RT: 10.50 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Instrument :
 BNA_G
 ClientSampleID :
 PB112954BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.9	47.6	87.6
98	35.8	19.2	59.2

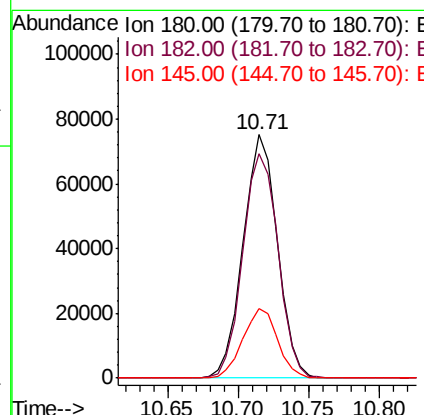
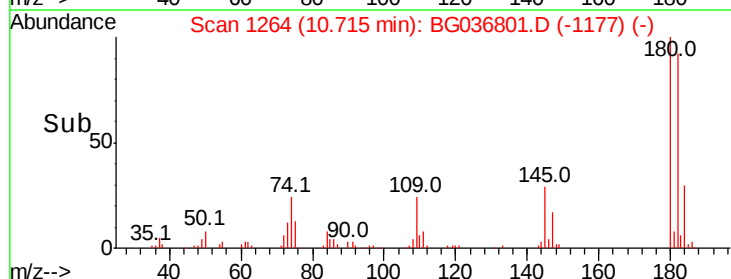
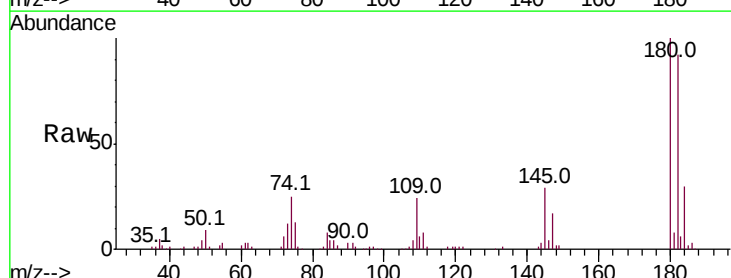
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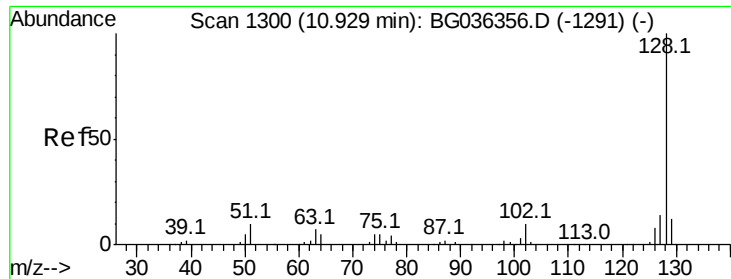
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.595 ng
 RT: 10.71 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.2	76.0	114.0
145	28.7	22.9	34.3





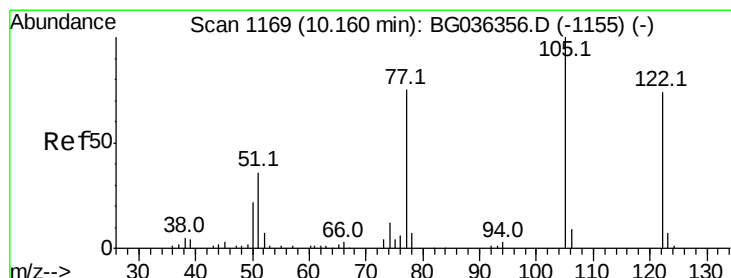
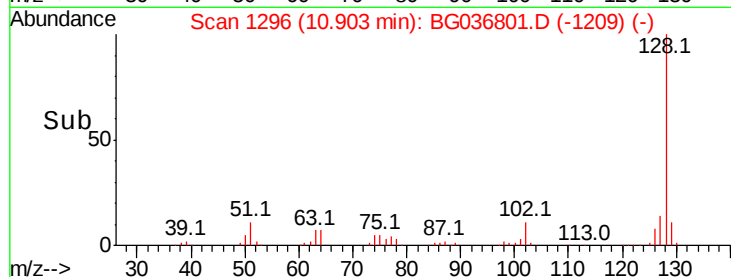
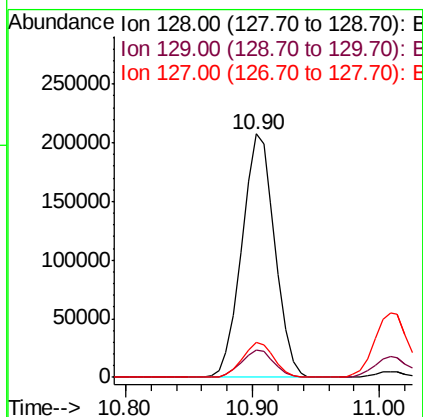
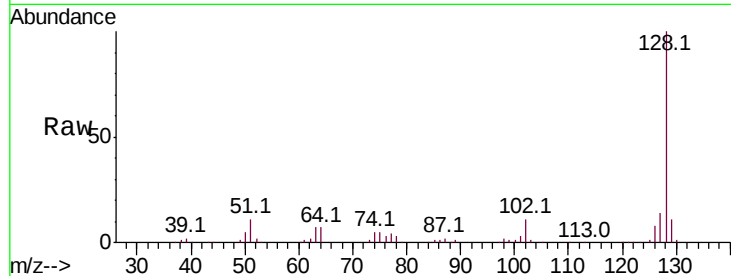
#31
Naphthalene
Concen: 42.129 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Instrument :
BNA_G
ClientSampleId :
PB112954BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	14.5	11.0	16.4

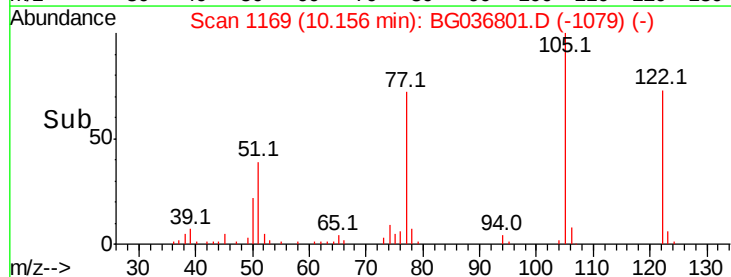
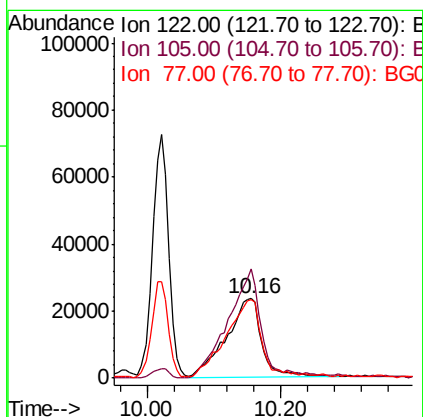
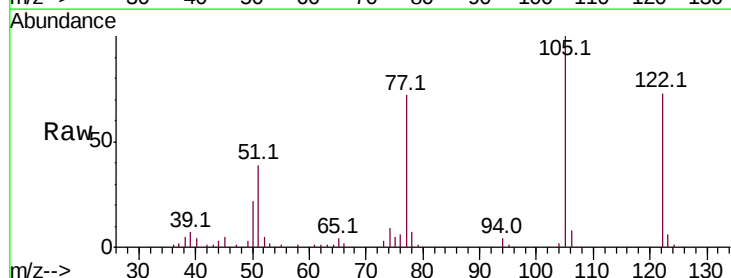
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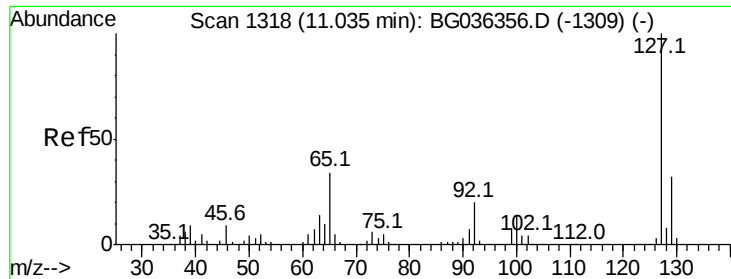
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#32
Benzoic acid
Concen: 45.416 ng
RT: 10.16 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.3	108.1	148.1
77	99.0	76.3	116.3





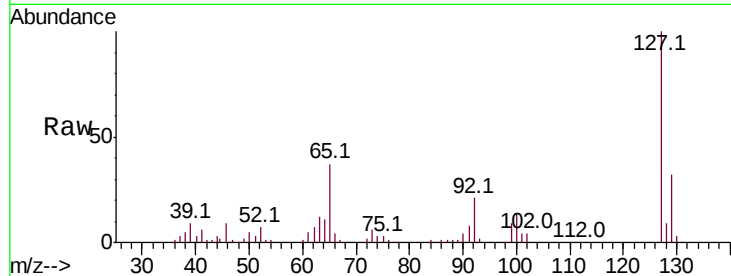
#33
4-Chloroaniline
Concen: 25.615 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Instrument :
BNA_G
ClientSampleId :
PB112954BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	37.0	27.5	41.3
92	20.9	16.2	24.2

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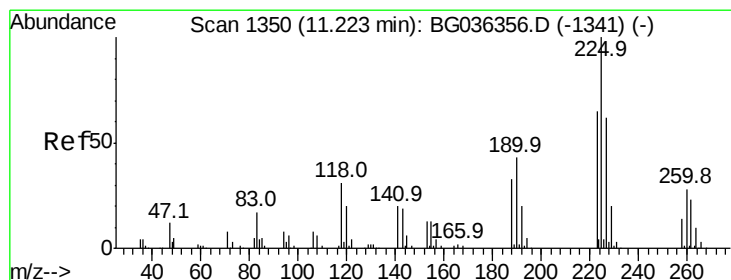
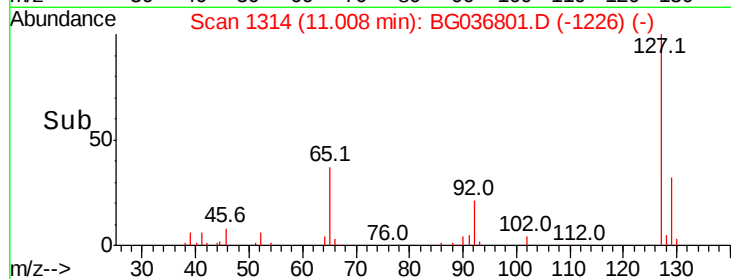
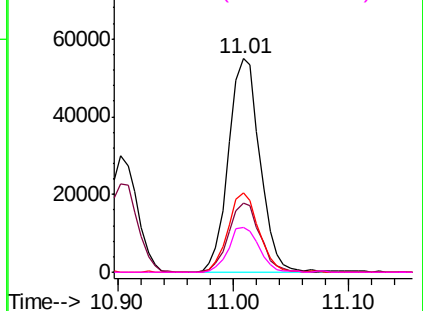
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

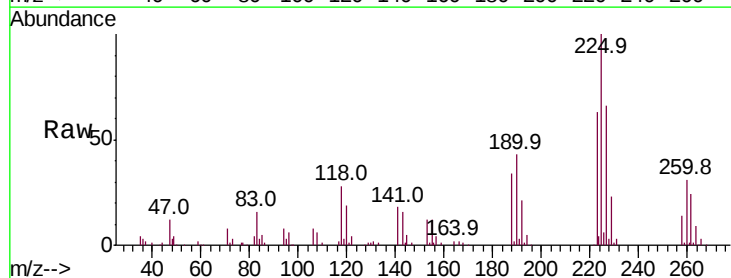
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 37.970 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.8	77.8
227	65.9	49.8	74.6

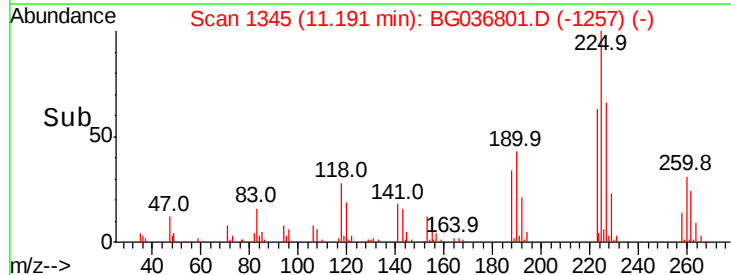
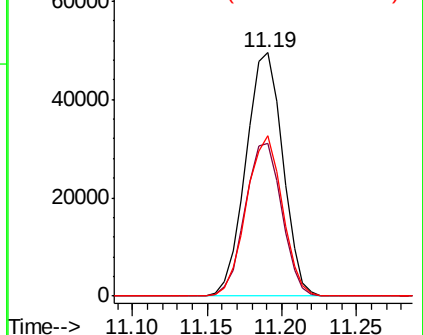


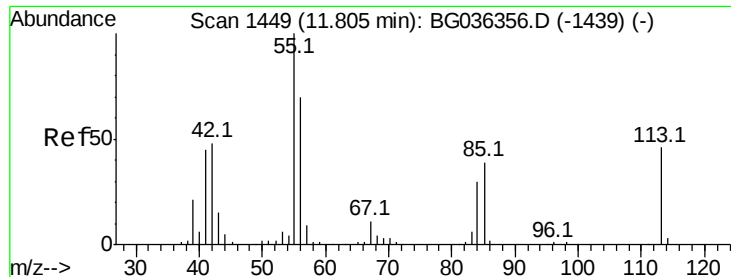
Abundance

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: 49.467 ng/ml

RT: 11.79 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BG036801.D

Acq: 19 Sep 2018 1:00

Instrument :

BNA_G

ClientSampled :

PB112954BS

Tot Ion:113 Resp: 55790

Ion Ratio Lower Upper

113 100

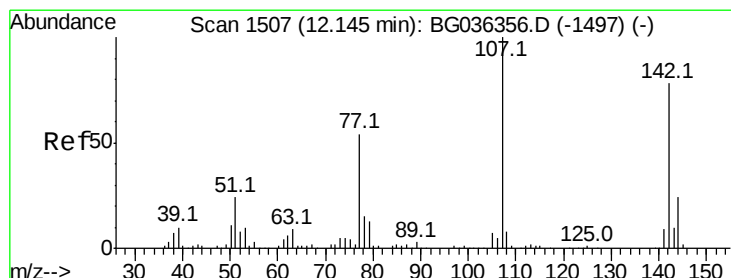
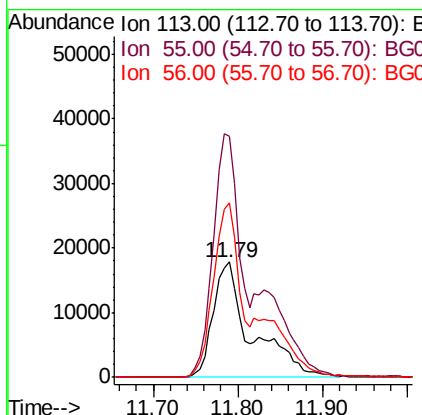
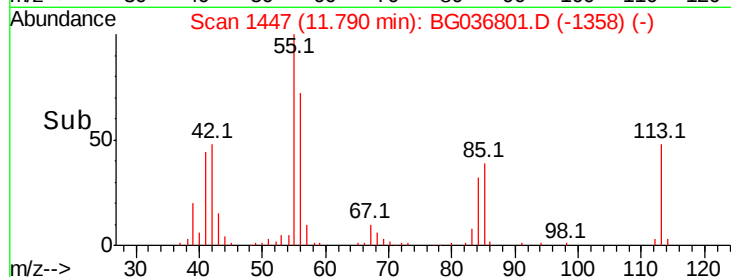
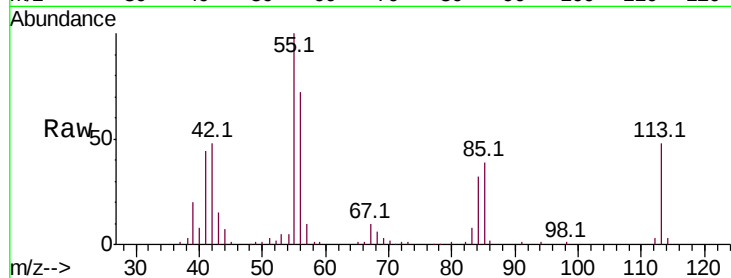
55 209.5 197.7 237.7

56 151.9 131.7 171.7

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#36

4-Chloro-3-methylphenol

Concen: 49.247 ng/ml

RT: 12.13 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BG036801.D

Acq: 19 Sep 2018 1:00

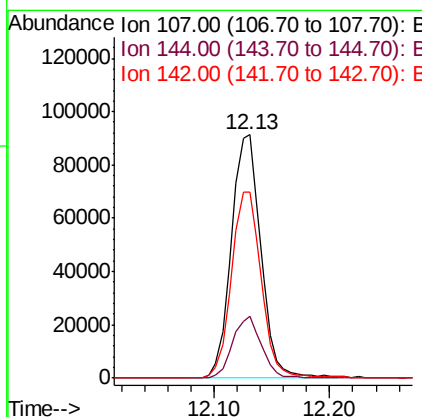
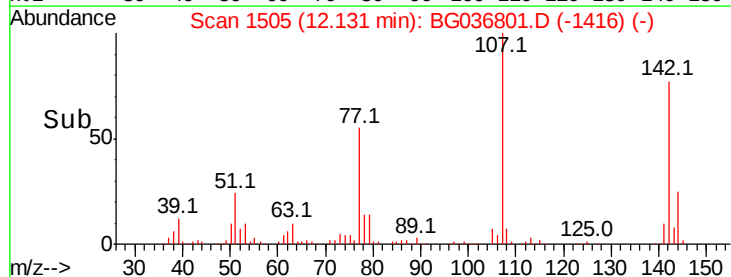
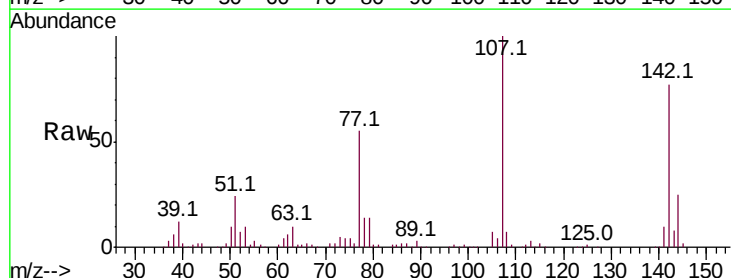
Tgt Ion:107 Resp: 162007

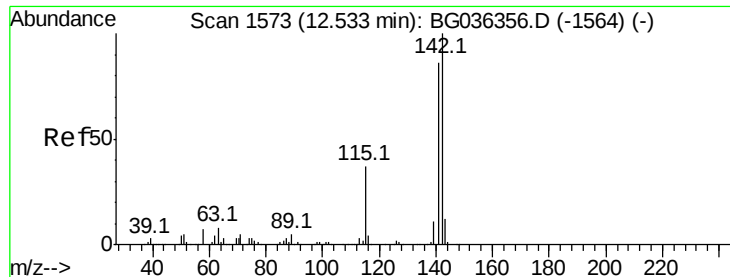
Ion Ratio Lower Upper

107 100

144 25.4 19.5 29.3

142 76.6 62.4 93.6





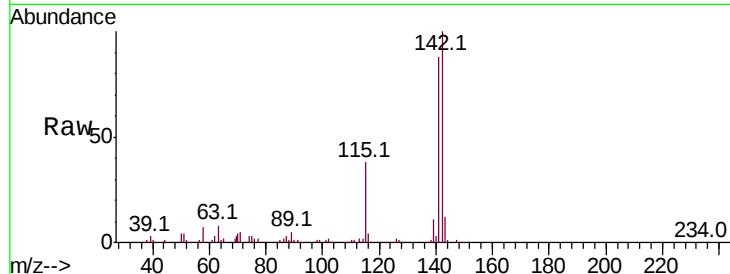
#37
2-Methylnaphthalene
Concen: 46.094 ng
RT: 12.51 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Instrument :
BNA_G
ClientSampleId :
PB112954BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	298706		
141	87.8	68.5	102.7	
115	38.2	29.8	44.8	

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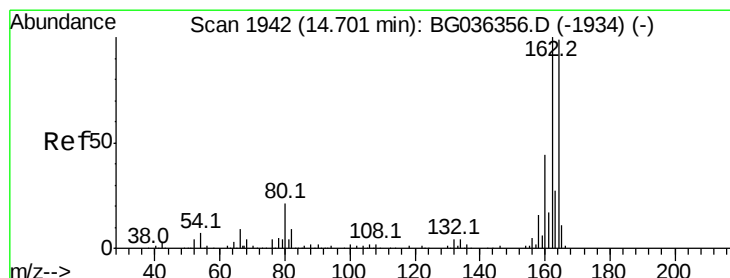
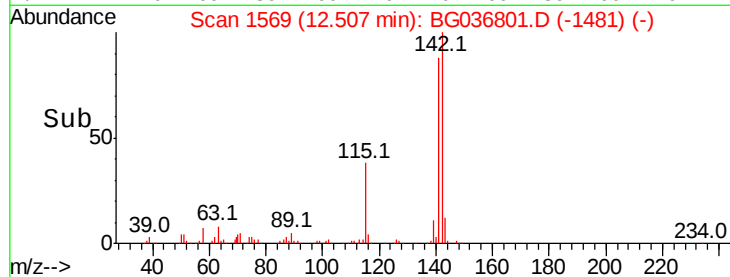
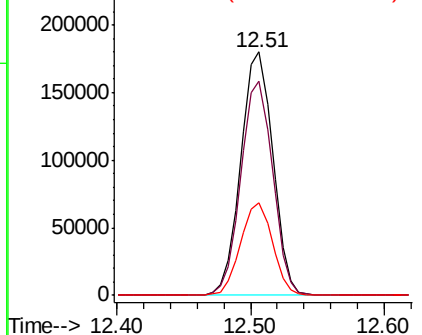


Abundance

Ion 142.00 (141.70 to 142.70): E

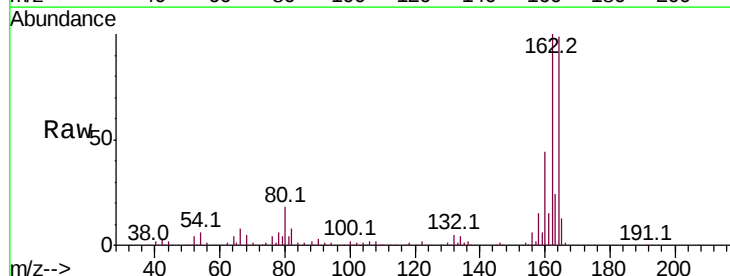
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	133080		
162	100.7	80.7	121.1	
160	43.9	35.3	52.9	

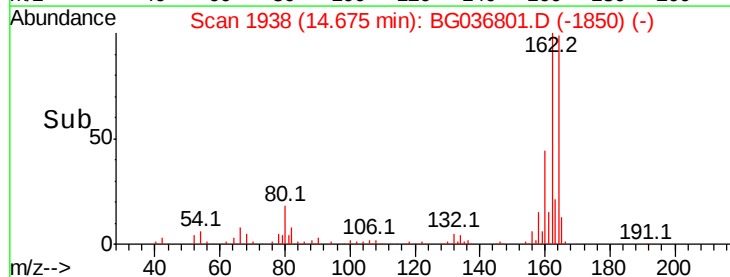
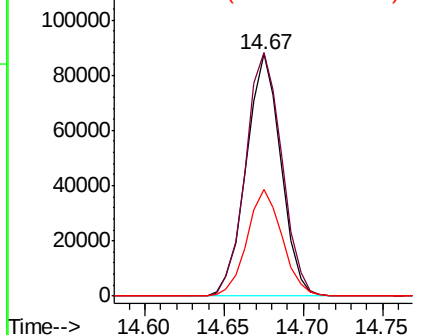


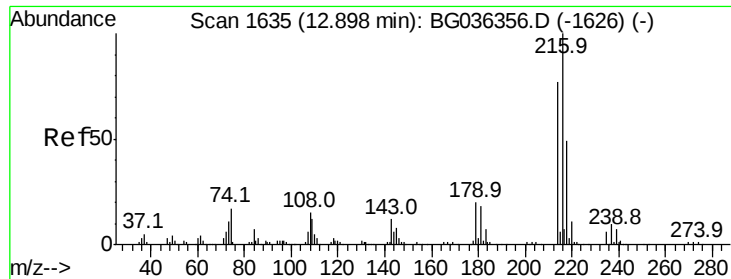
Abundance

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





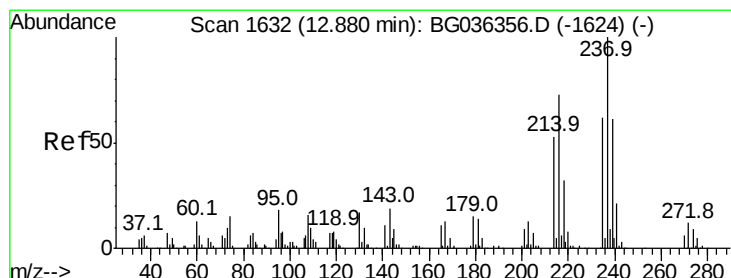
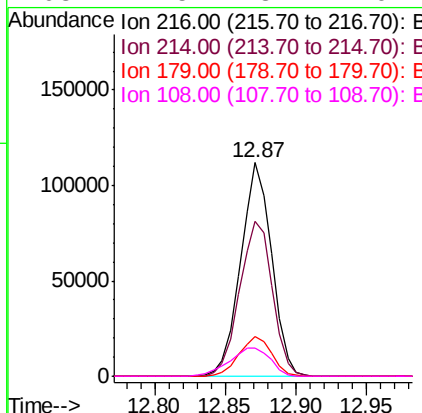
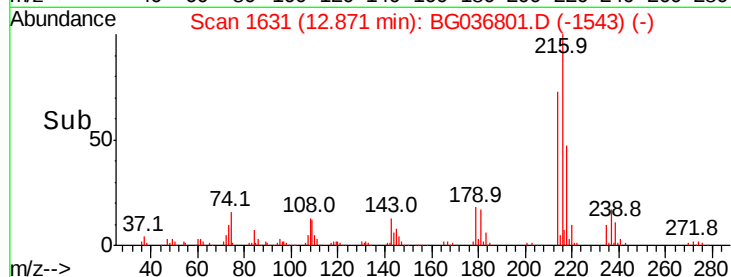
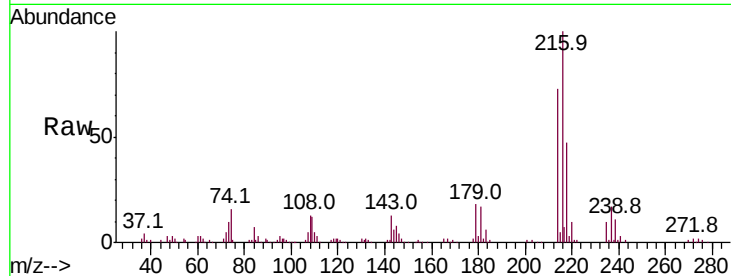
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.507 ng
 RT: 12.87 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB112954BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	171932		
214	76.4	61.0	91.6	
179	19.3	15.7	23.5	
108	17.5	13.1	19.7	

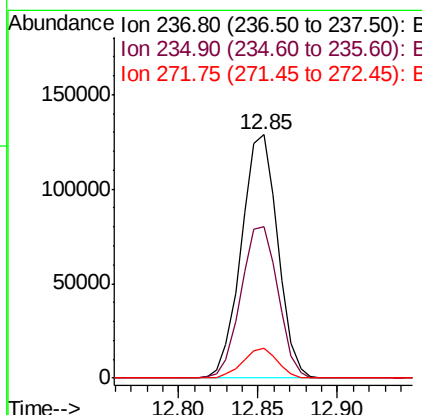
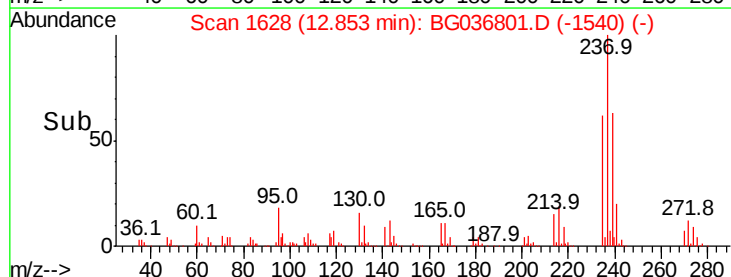
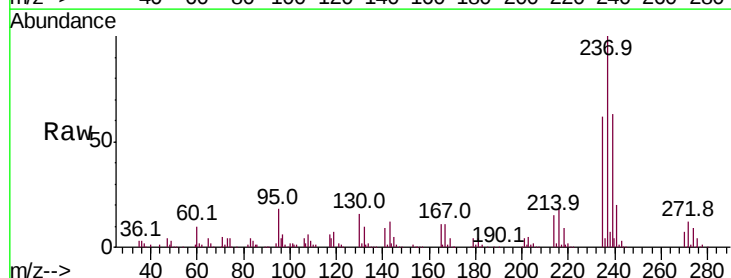
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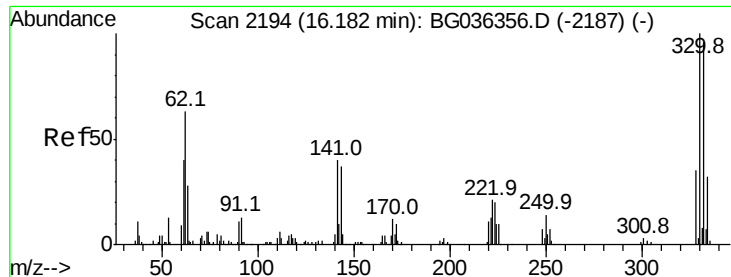
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#40
 Hexachlorocyclopentadiene
 Concen: 83.708 ng
 RT: 12.85 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	205116		
235	62.4	42.2	82.2	
272	12.4	0.0	32.1	





#41

2,4,6-Tribromophenol

Concen: 153.312 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036801.D

Acq: 19 Sep 2018 1:00

Instrument :

BNA_G

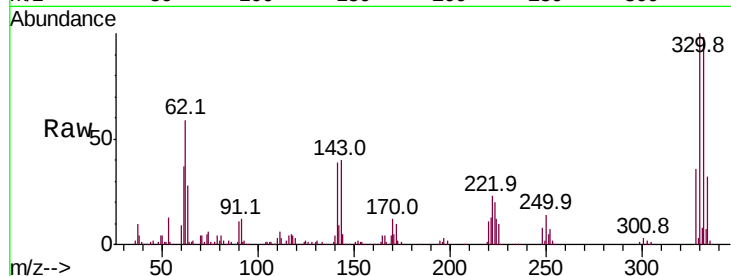
ClientSampleId :

PB112954BS

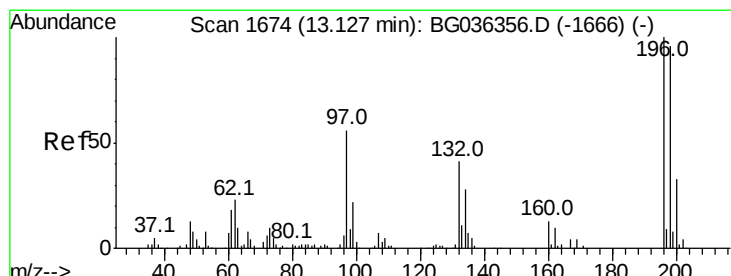
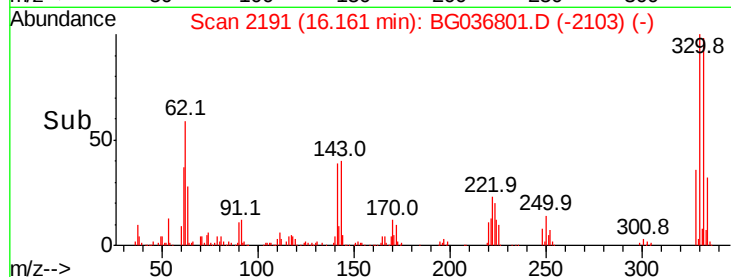
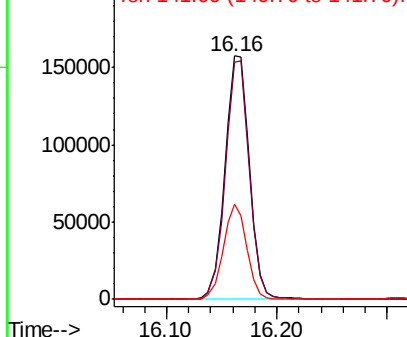
Tot Ion:	330	Resp:	243450
Ion Ratio	Lower	Upper	
330	100		
332	96.4	75.4	113.2
141	37.5	30.7	46.1

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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: 43.513 ng

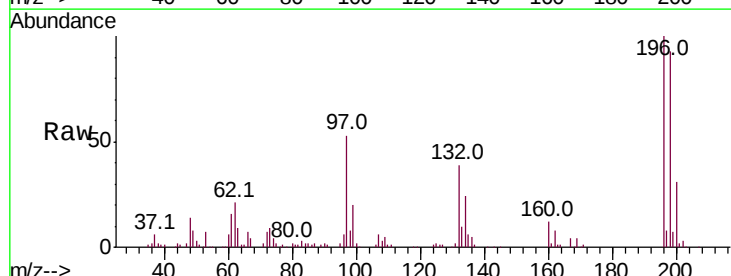
RT: 13.11 min Scan# 1671

Delta R.T. -0.01 min

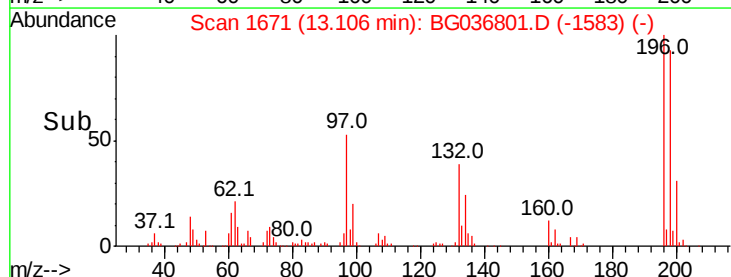
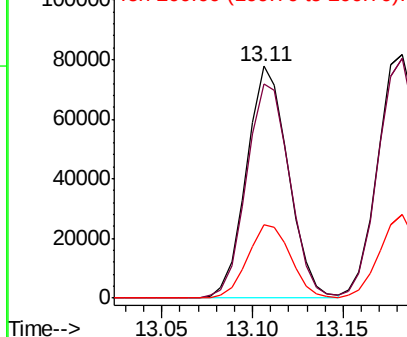
Lab File: BG036801.D

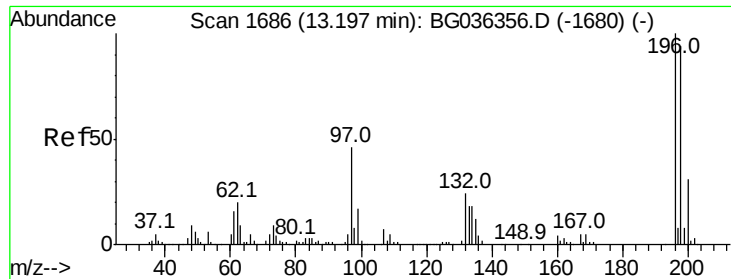
Acq: 19 Sep 2018 1:00

Tgt Ion:	196	Resp:	124832
Ion Ratio	Lower	Upper	
196	100		
198	92.5	77.2	115.8
200	31.5	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





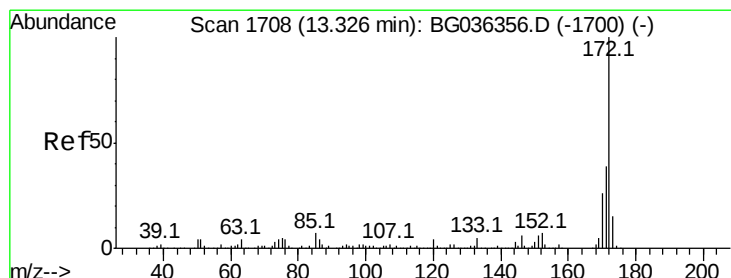
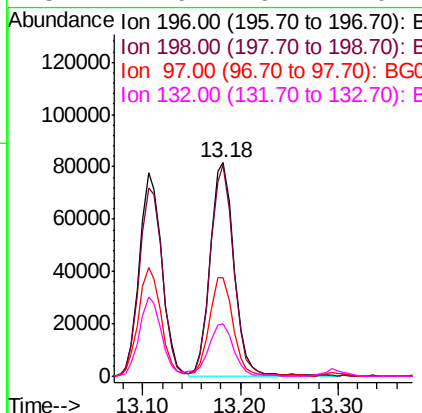
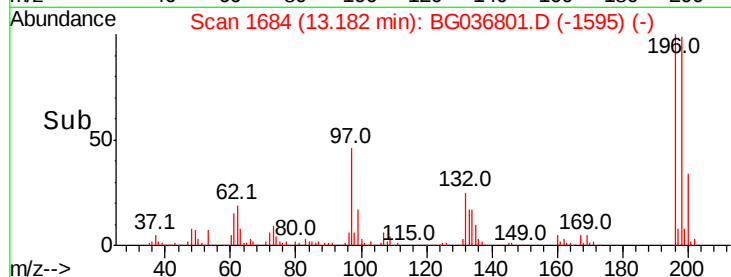
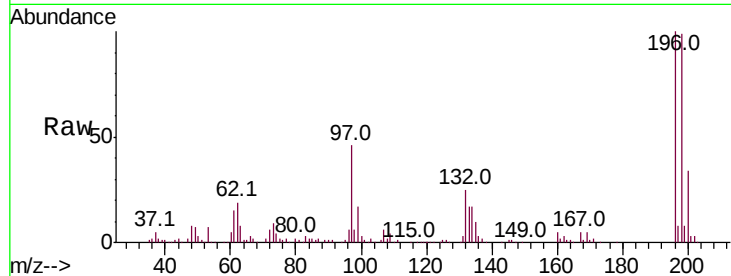
#43
 2,4,5-Trichlorophenol
 Concen: 45.166 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB112954BS

Tot Ion	196	Resp	138203
Ion Ratio	Lower	Upper	
196	100		
198	98.6	75.6	113.4
97	46.0	37.2	55.8
132	24.9	19.4	29.2

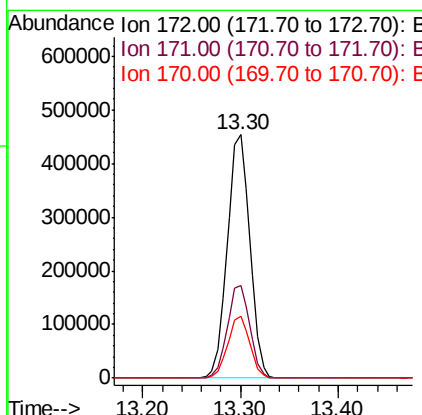
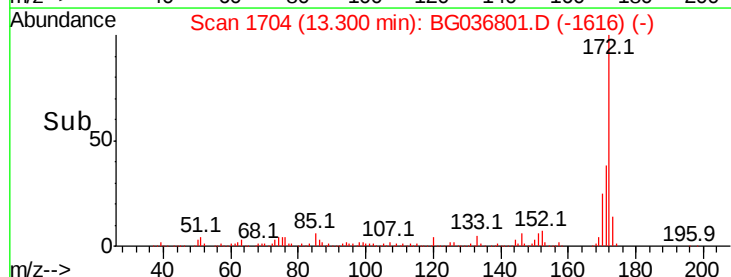
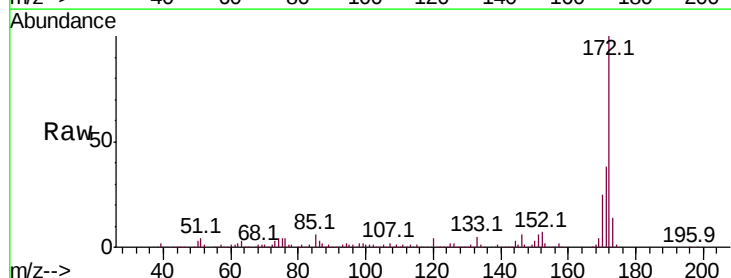
Manual Integrations
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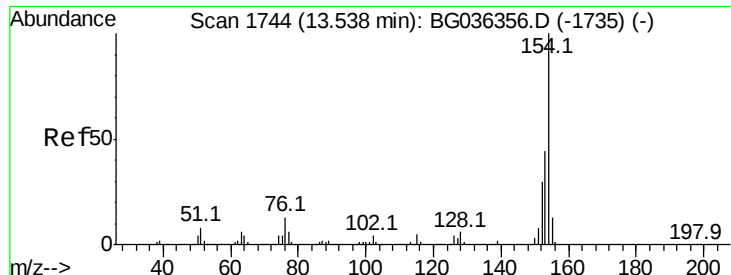
Sohil
 9/19/2018 12:30:08 PM



#44
 2-Fluorobiphenyl
 Concen: 77.842 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Tgt Ion	172	Resp	725530
Ion Ratio	Lower	Upper	
172	100		
171	38.0	31.3	46.9
170	25.3	21.0	31.6





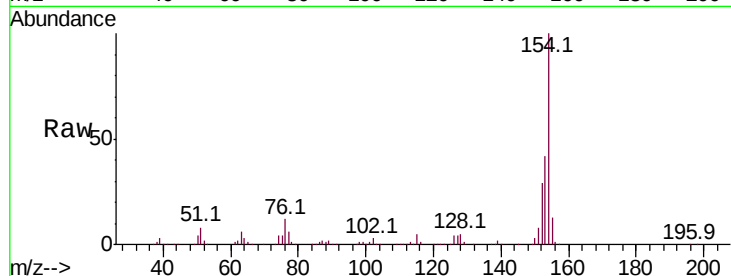
#45
 1,1'-Biphenyl
 Concen: 36.097 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB112954BS

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	42.3	24.0	64.0
76	12.1	0.0	32.9

Manual Integrations
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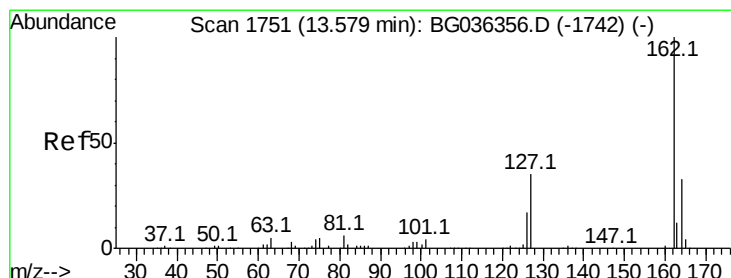
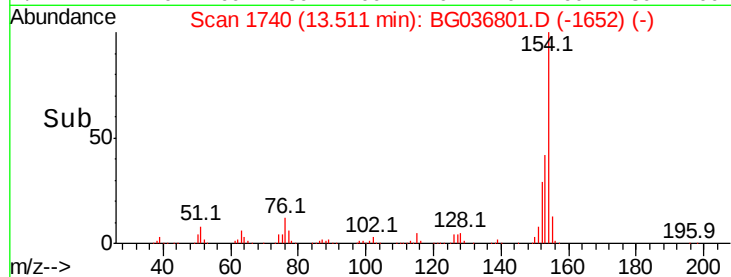
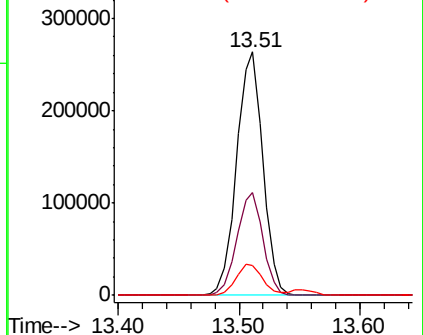


Abundance

Ion 154.00 (153.70 to 154.70): E

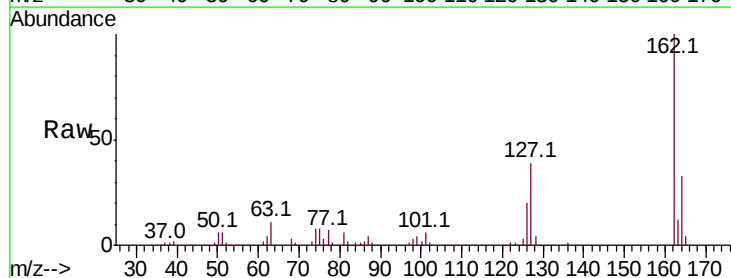
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46
 2-Chloronaphthalene
 Concen: 36.887 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	38.8	30.7	46.1
164	32.7	26.7	40.1

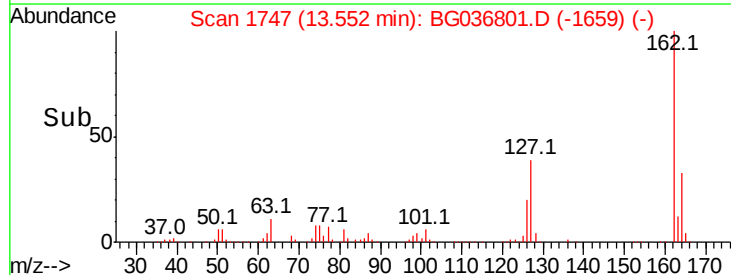
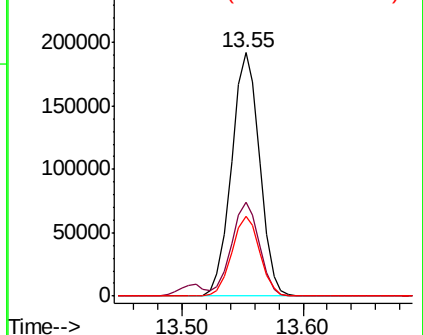


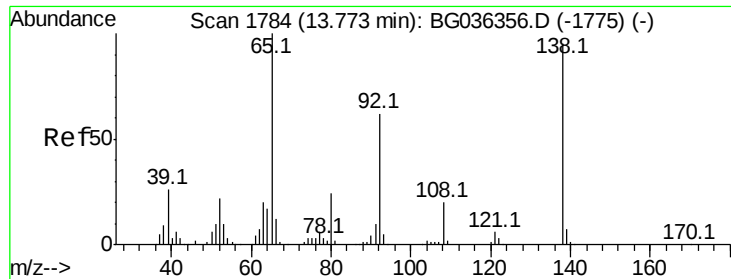
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





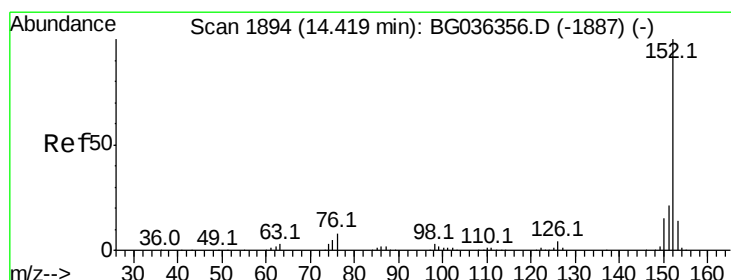
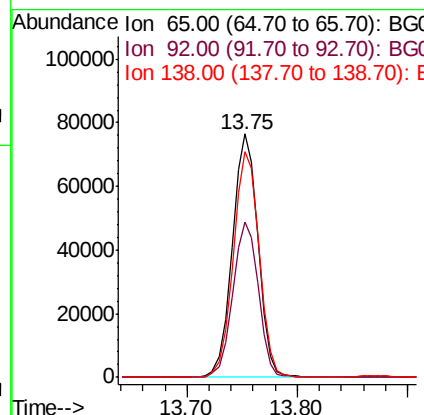
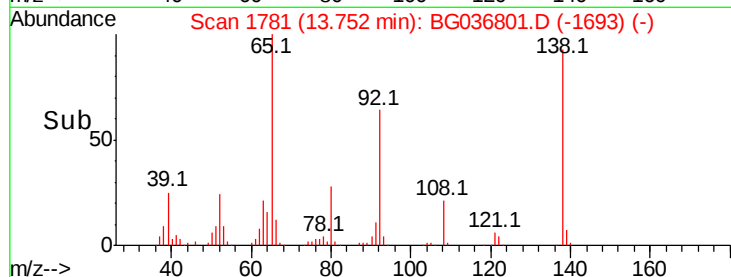
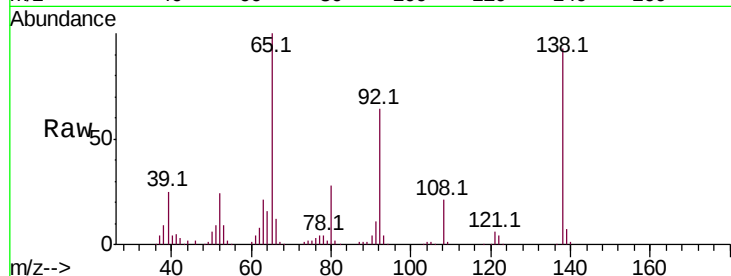
#47
2-Nitroaniline
Concen: 47.060 ng
RT: 13.75 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Instrument :
BNA_G
ClientSampleID :
PB112954BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.7	49.9	74.9
138	92.8	76.2	114.4

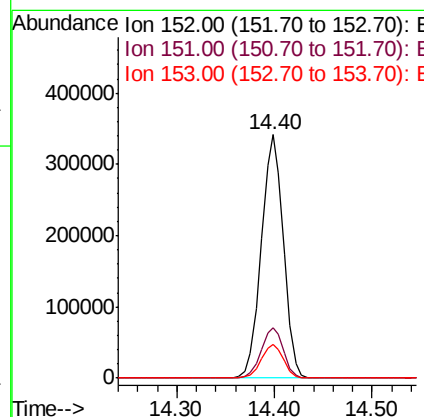
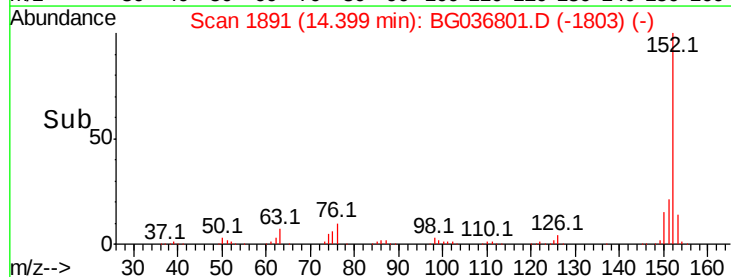
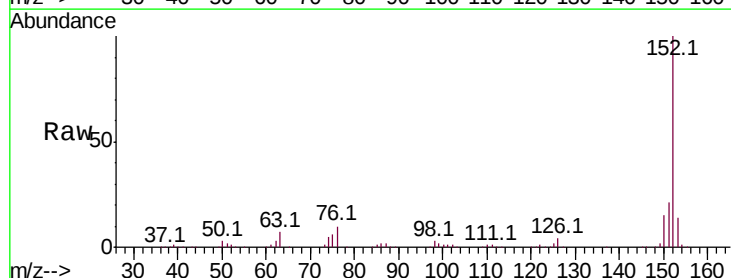
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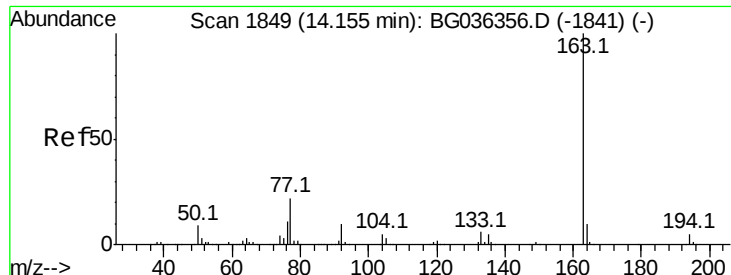
Sohil
9/19/2018 12:30:08 PM



#48
Acenaphthylene
Concen: 41.421 ng
RT: 14.40 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	14.0	11.2	16.8





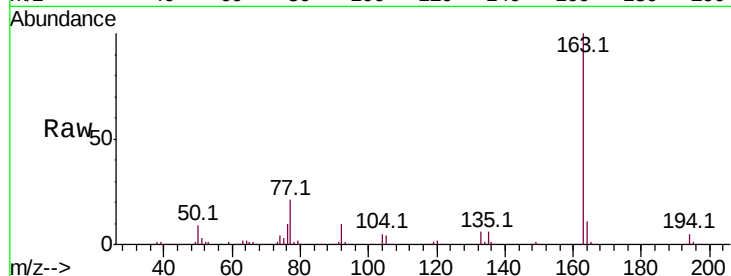
#49
Dimethylphthalate
Concen: 41.743 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Instrument :
BNA_G
ClientSampleId :
PB112954BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	453612		
194	5.2	4.0	6.0	
164	10.6	8.1	12.1	

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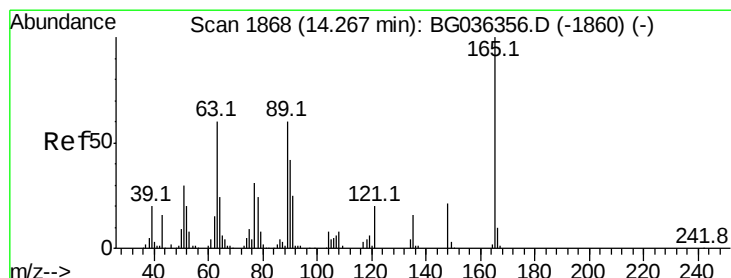
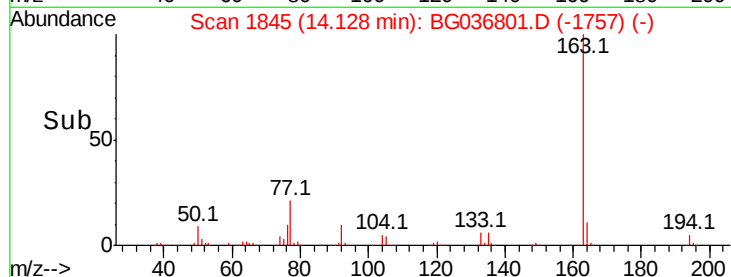
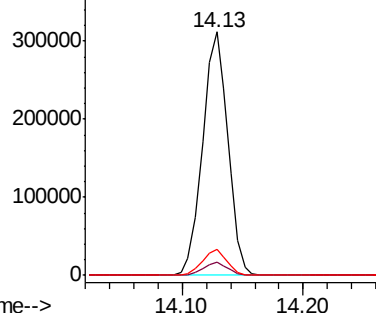


Abundance

Ion 163.00 (162.70 to 163.70): E

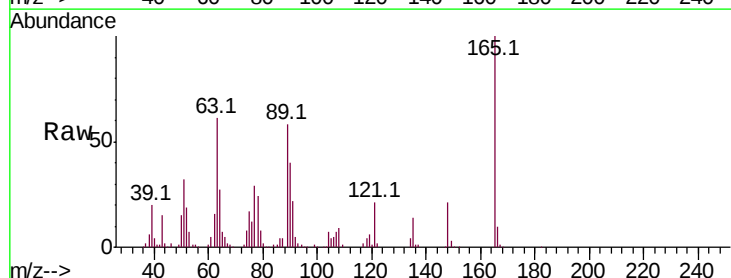
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 45.476 ng
RT: 14.25 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	101687		
63	60.8	50.1	75.1	
89	58.0	47.8	71.6	

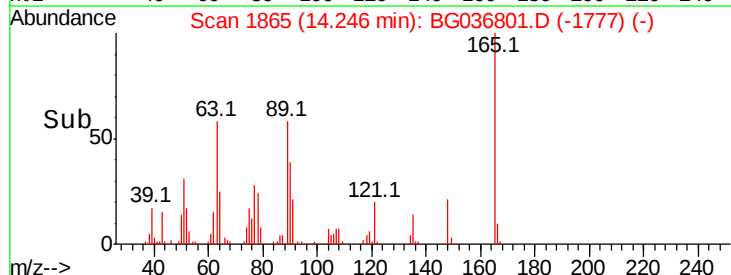
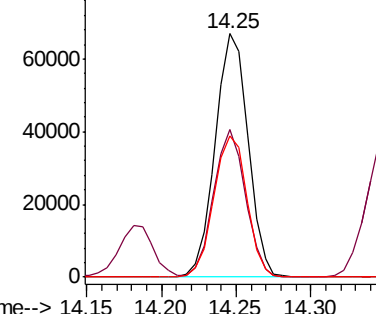


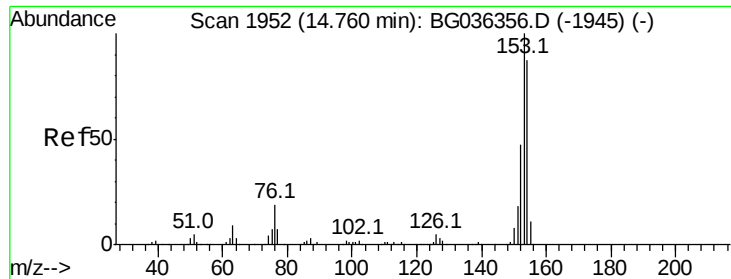
Abundance

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





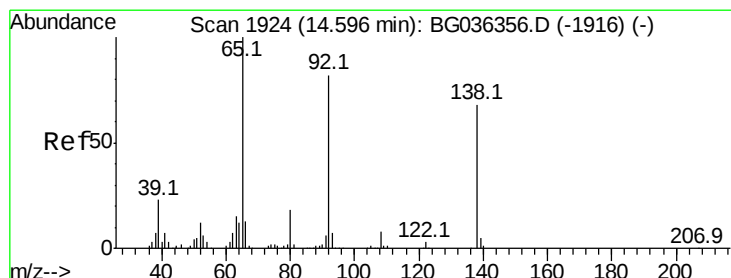
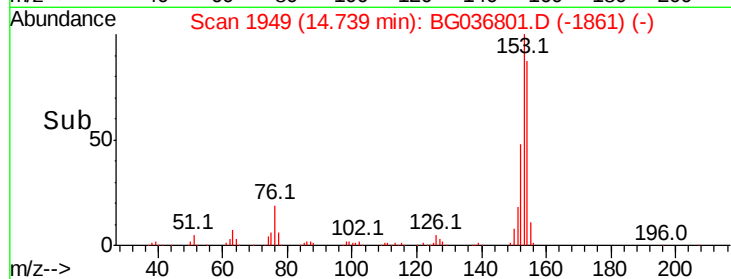
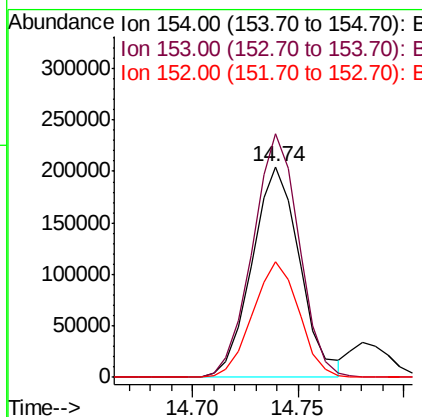
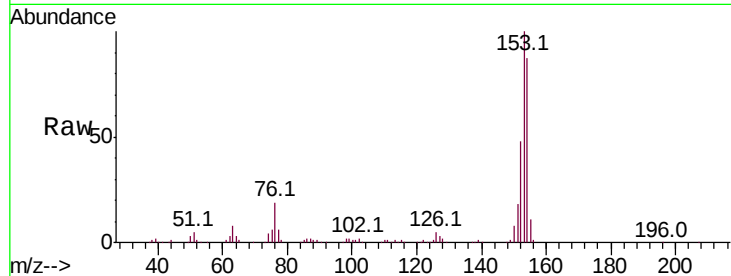
#51
Acenaphthene
Concen: 38.223 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Instrument :
BNA_G
ClientSampleId :
PB112954BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.5	91.8	137.6
152	54.9	43.5	65.3

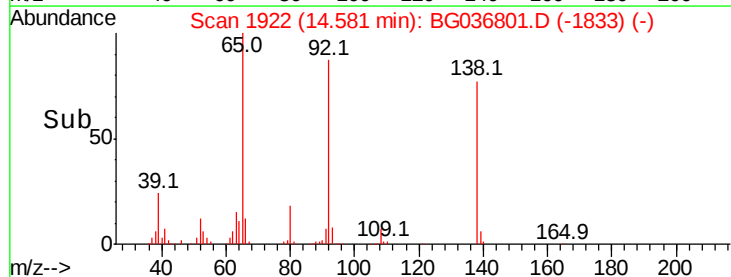
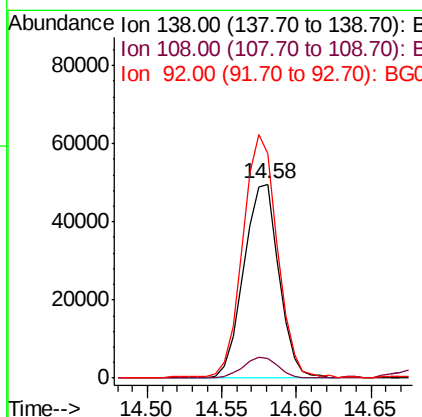
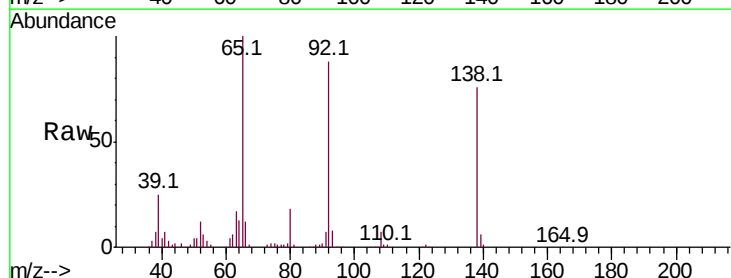
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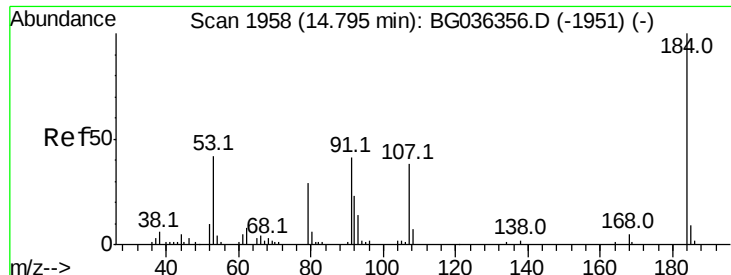
Sohil
9/19/2018 12:30:08 PM



#52
3-Nitroaniline
Concen: 33.613 ng
RT: 14.58 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.4	14.2
92	115.8	96.8	145.2





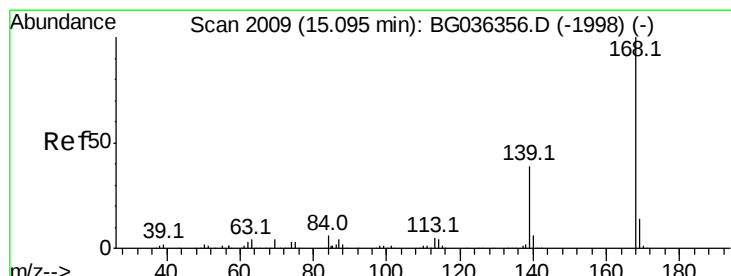
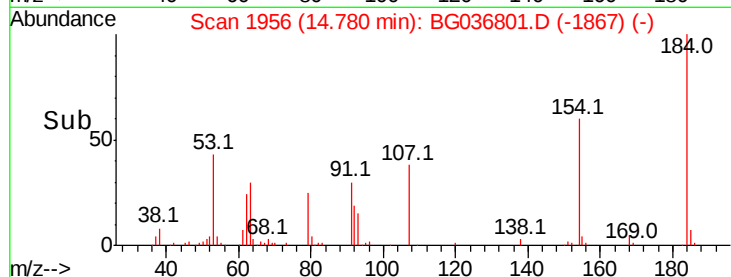
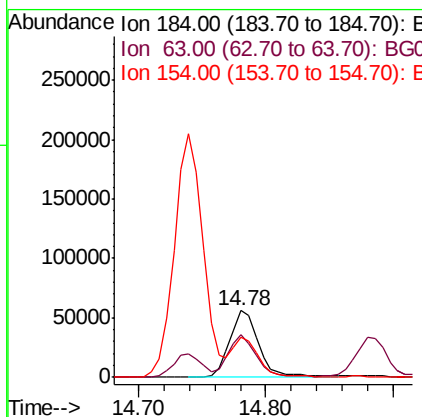
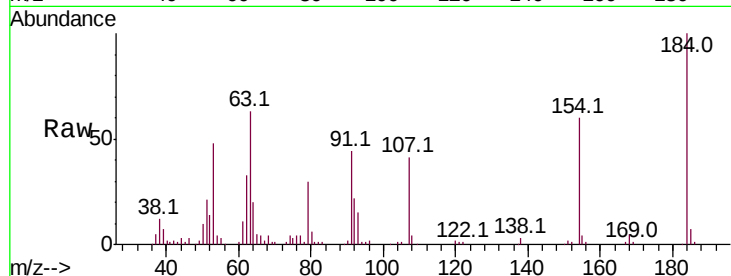
#53
 2,4-Dinitrophenol
 Concen: 105.649 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Instrument :
 BNA_G
 ClientSampleID :
 PB112954BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	63.1	47.3	70.9	
154	60.4	51.1	76.7	

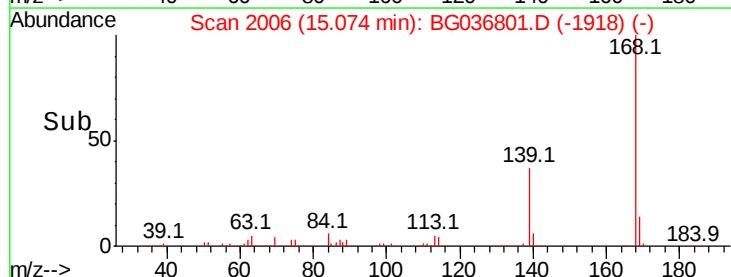
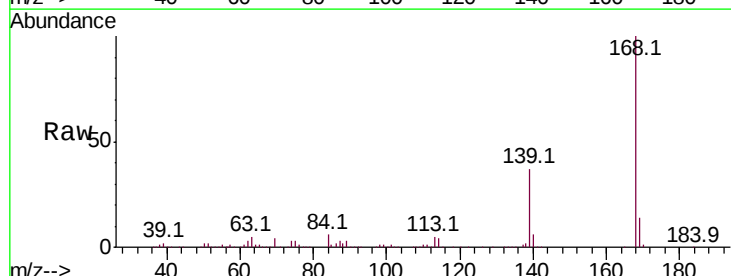
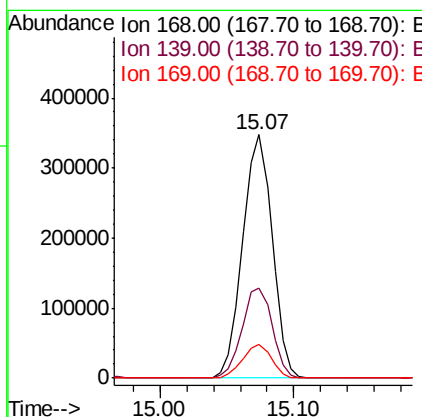
Manual Integrations
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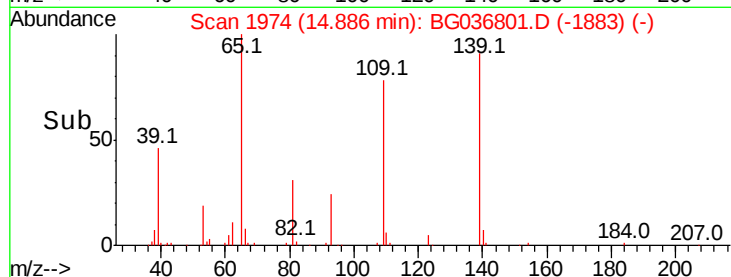
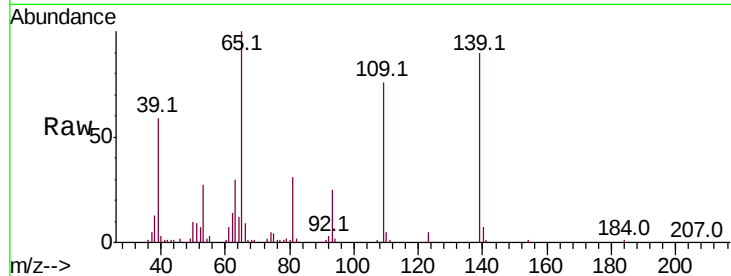
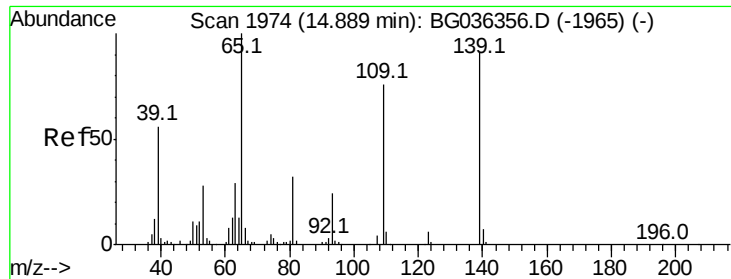
Sohil
 9/19/2018 12:30:08 PM



#54
 Dibenzofuran
 Concen: 40.230 ng
 RT: 15.07 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.2	31.0	46.6	
169	13.8	11.1	16.7	





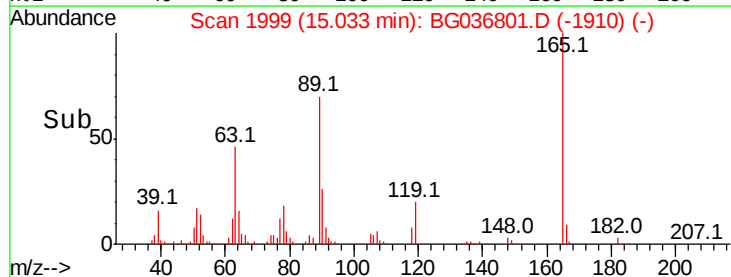
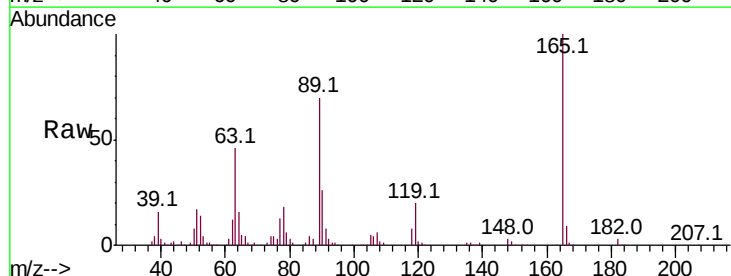
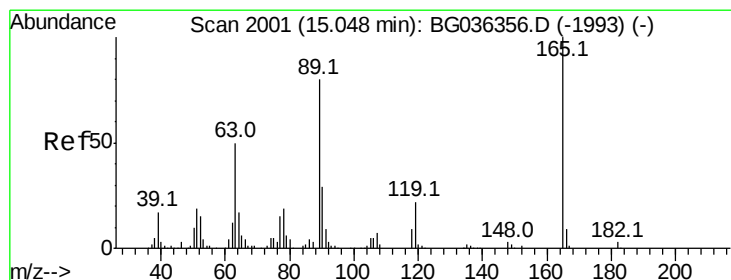
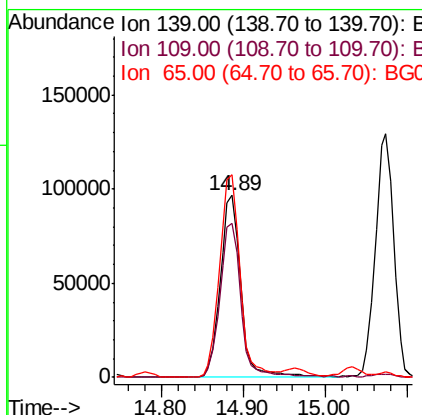
#55
4-Nitrophenol
Concen: 86.912 ng
RT: 14.89 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Instrument :
BNA_G
ClientSampleId :
PB112954BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	85.1	63.9	103.9	
65	111.4	90.0	130.0	

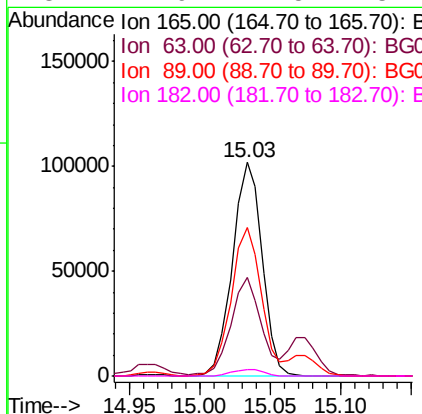
Manual Integrations
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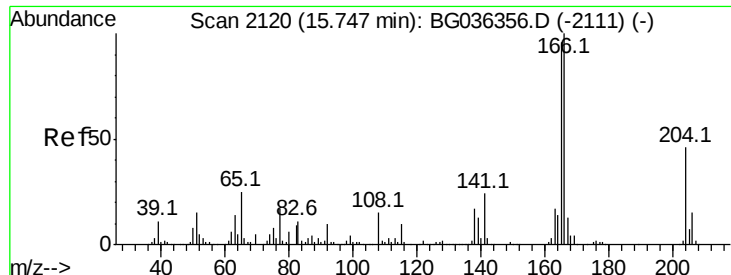
Sohil
9/19/2018 12:30:08 PM



#56
2,4-Dinitrotoluene
Concen: 51.089 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.3	40.1	60.1	
89	69.8	63.7	95.5	
182	2.9	2.5	3.7	





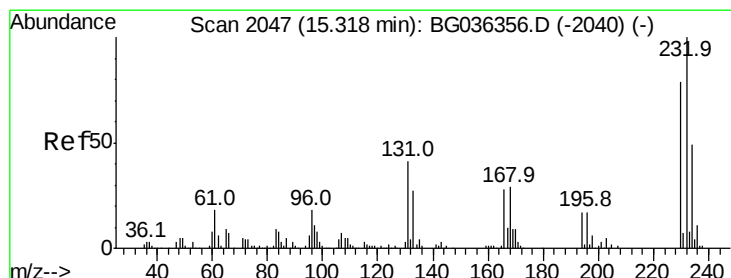
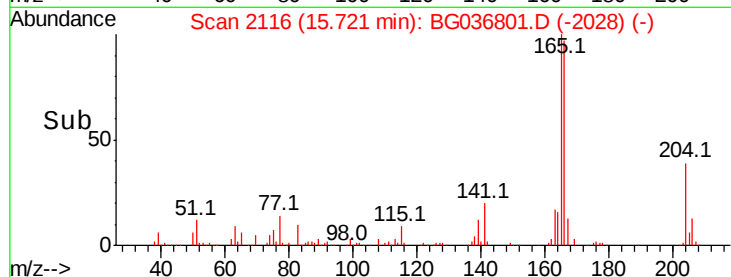
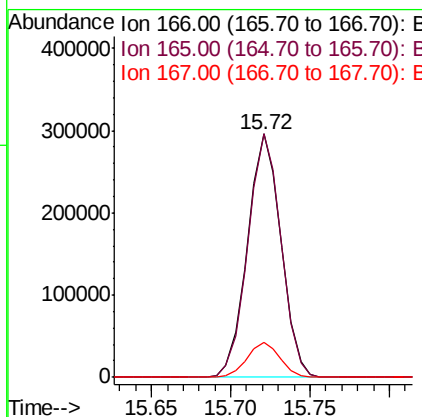
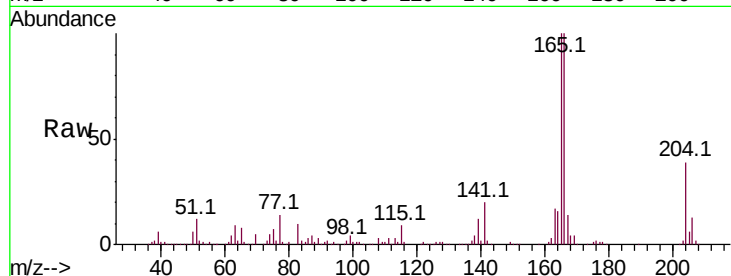
#57
 Fluorene
 Concen: 43.945 ng
 RT: 15.72 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB112954BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.9	77.0	115.4	
167	14.3	10.6	16.0	

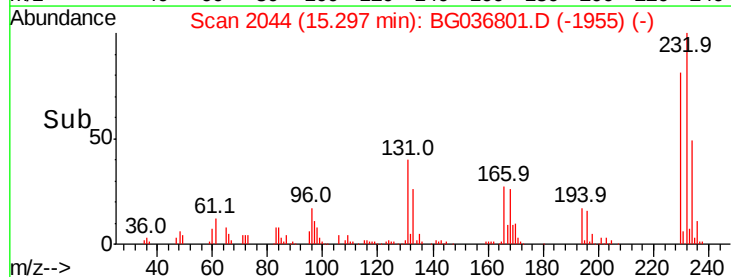
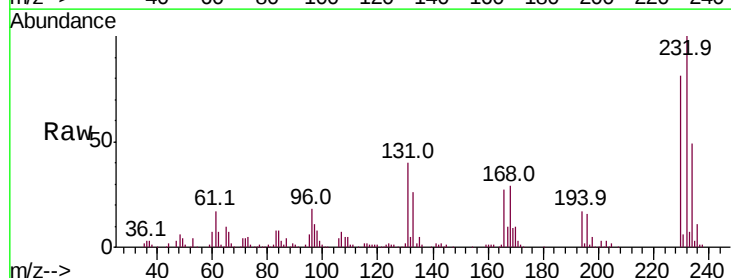
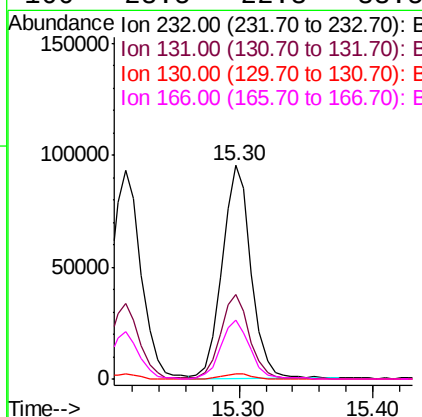
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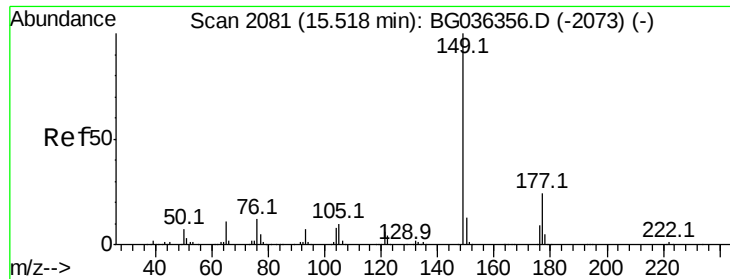
Sohil
 9/19/2018 12:30:08 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.978 ng
 RT: 15.30 min Scan# 2044
 Delta R.T. -0.00 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	40.4	33.8	50.8	
130	2.3	2.1	3.1	
166	28.5	22.3	33.5	





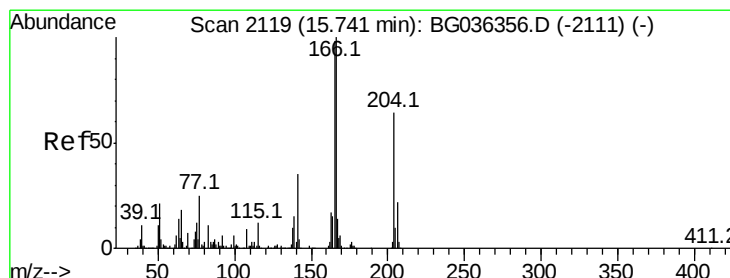
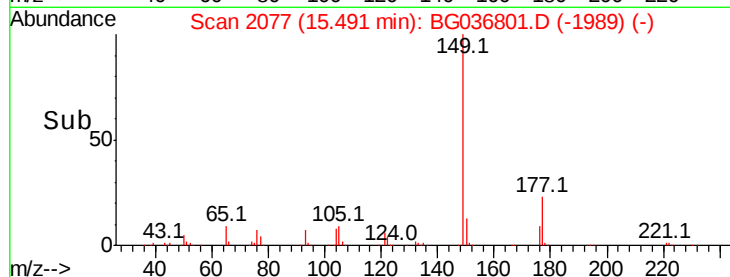
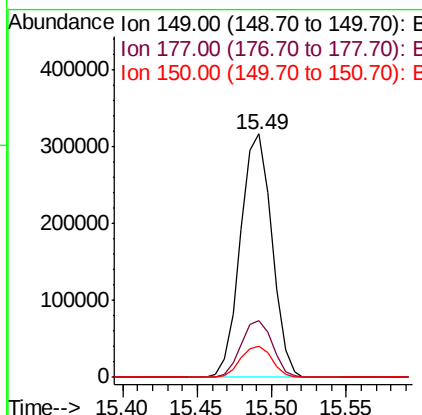
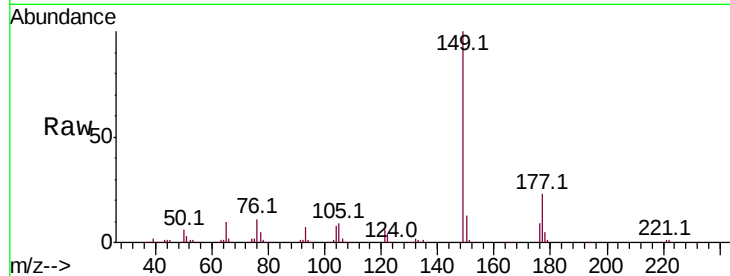
#59
Diethylphthalate
Concen: 42.259 ng
RT: 15.49 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Instrument :
BNA_G
ClientSampleId :
PB112954BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	462790		
177	23.4	19.1	28.7	
150	12.9	10.7	16.1	

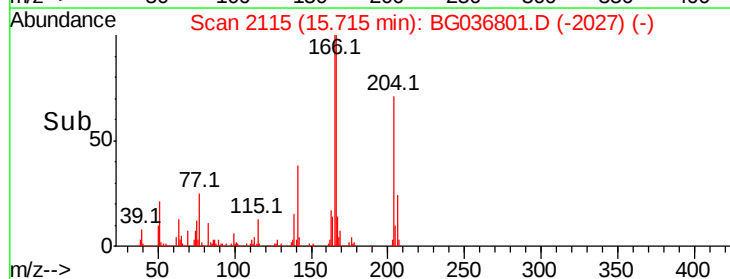
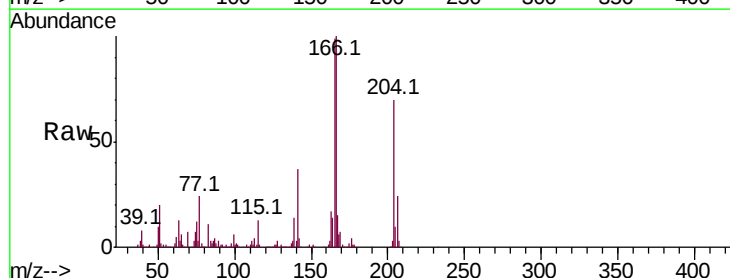
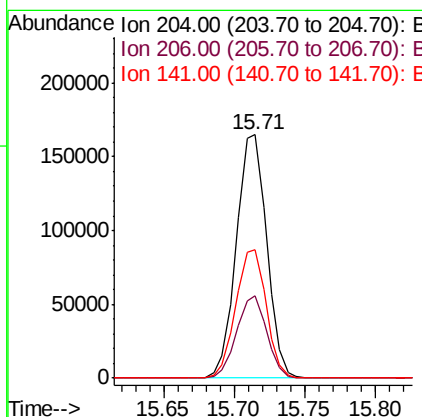
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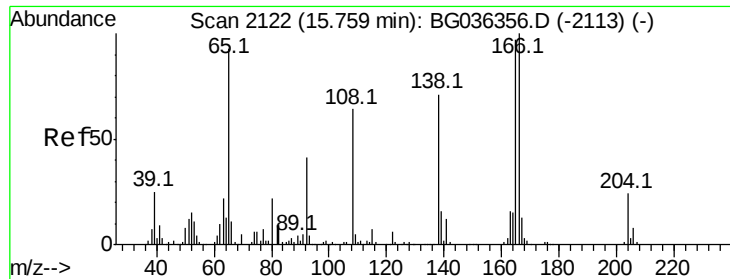
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 40.564 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	247619		
206	33.8	27.0	40.4	
141	52.9	43.8	65.6	





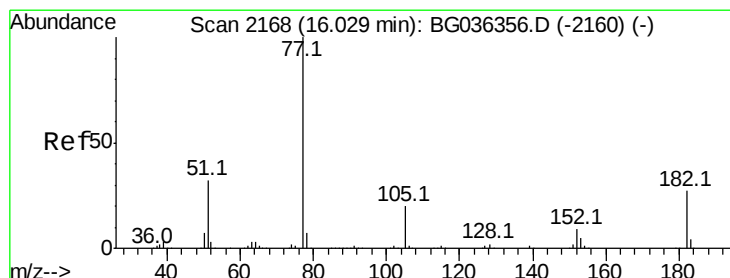
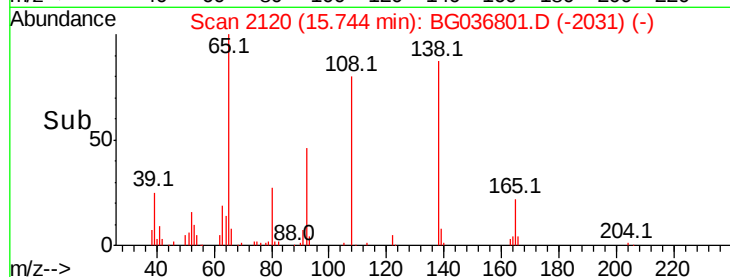
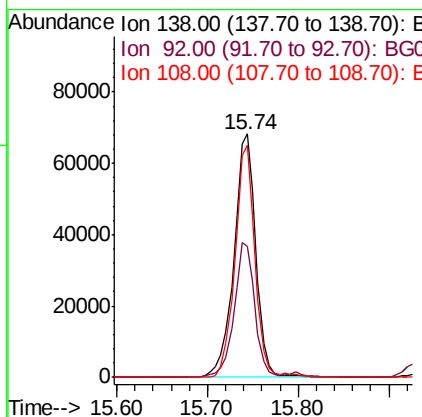
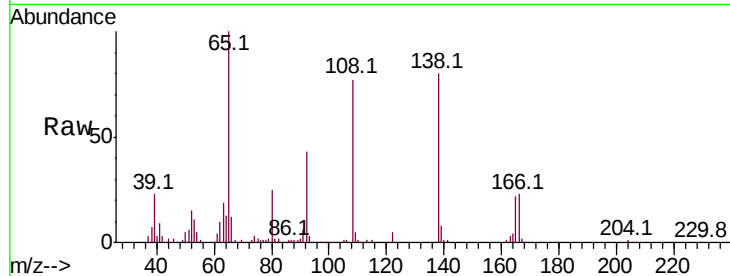
#61
4-Nitroaniline
Concen: 45.587 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Instrument :
BNA_G
ClientSampleId :
PB112954BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.8	38.5	78.5
108	95.6	70.3	110.3

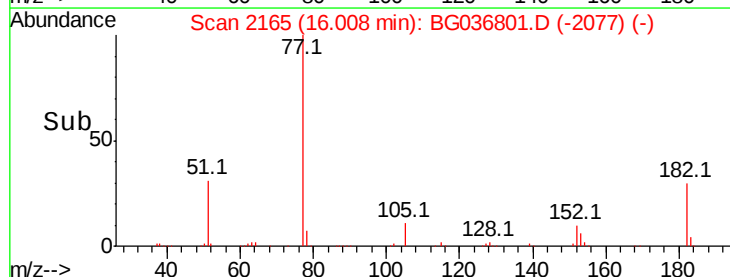
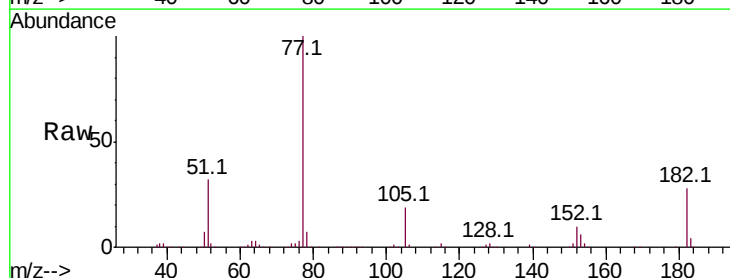
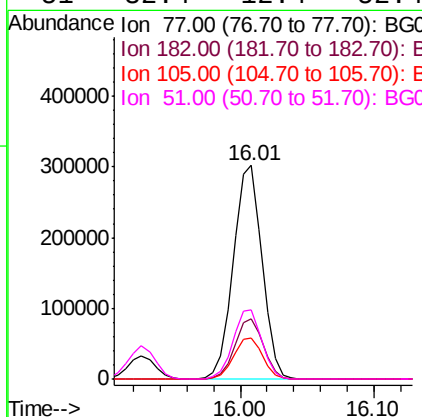
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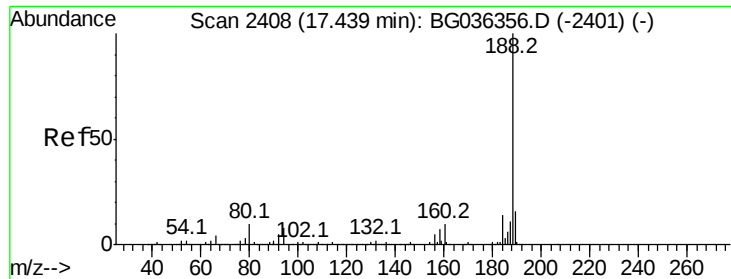
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#62
Azobenzene
Concen: 40.473 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.4	6.7	46.7
105	19.4	0.0	39.8
51	32.4	12.4	52.4





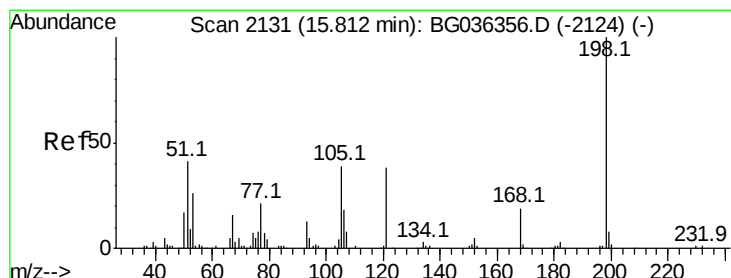
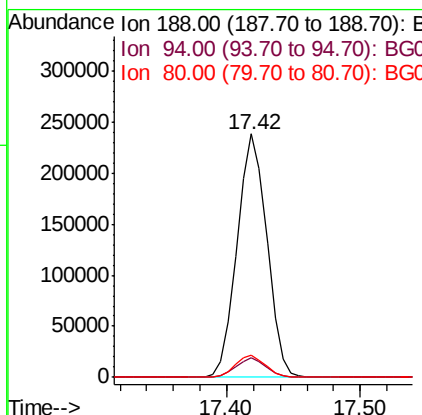
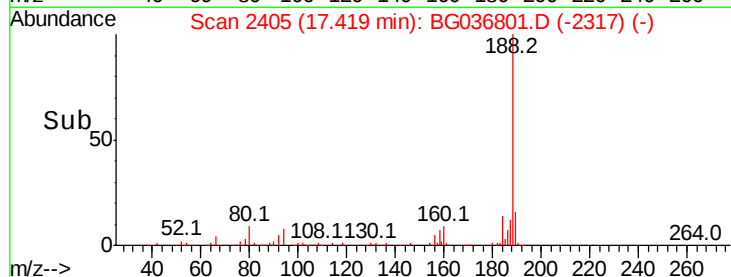
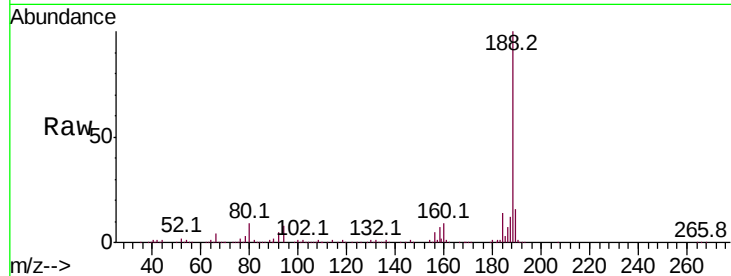
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Instrument :
BNA_G
ClientSampleId :
PB112954BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	368416		
94	8.2		6.7	10.1
80	8.9		8.1	12.1

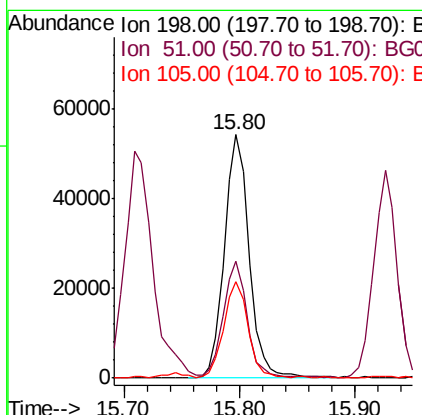
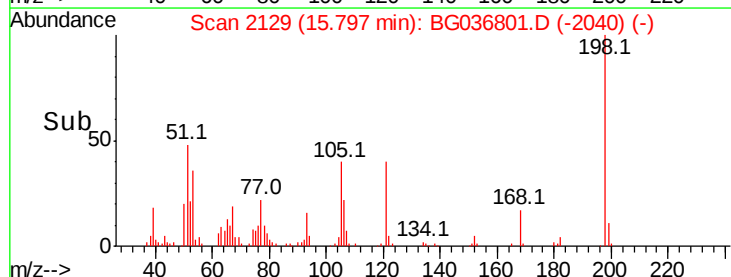
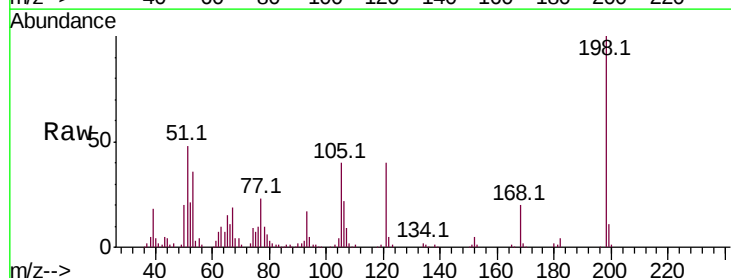
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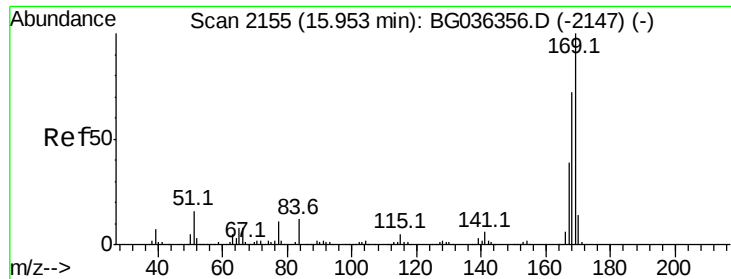
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 49.717 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	80461		
51	48.1		26.5	66.5
105	39.6		20.2	60.2





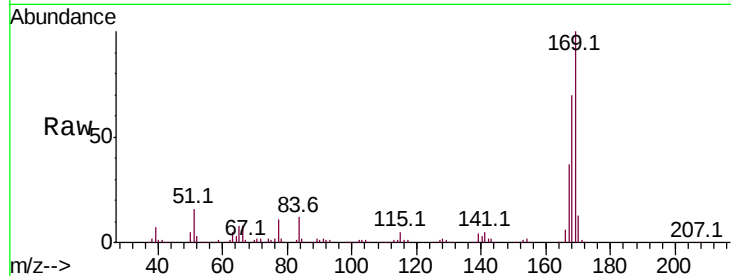
#65
 n-Nitrosodiphenylamine
 Concen: 37.381 ng
 RT: 15.93 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB112954BS

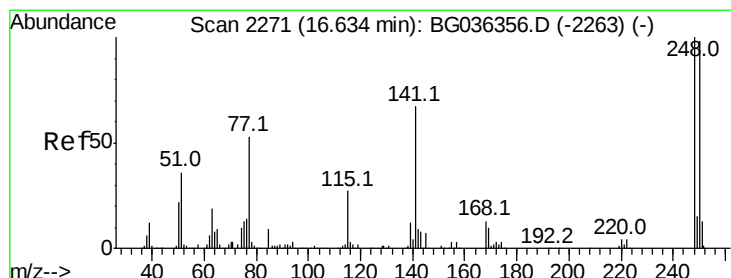
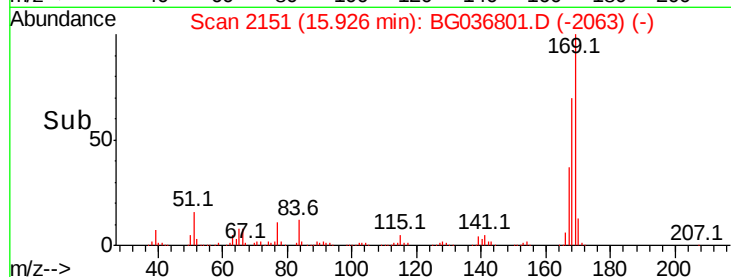
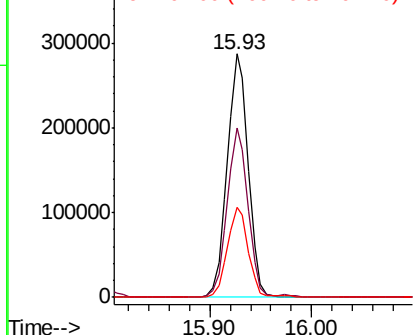
Tot Ion:	169	Resp:	409212
Ion Ratio	Lower	Upper	
169	100		
168	69.8	57.6	86.4
167	36.9	31.0	46.4

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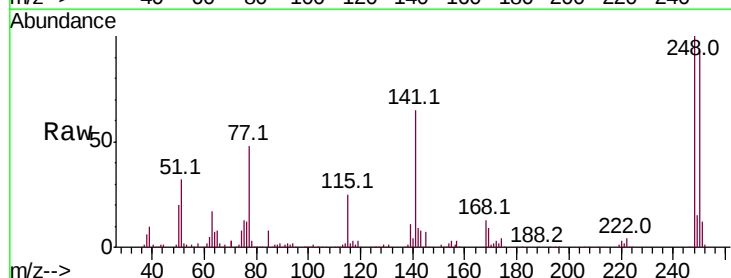


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

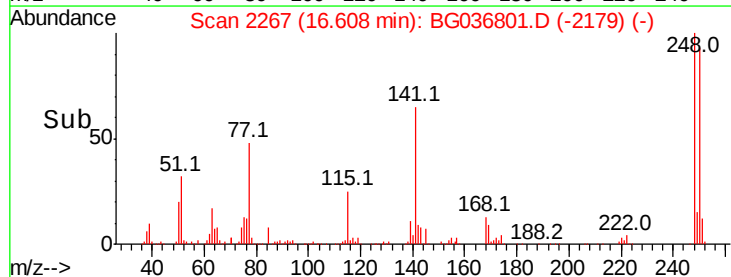
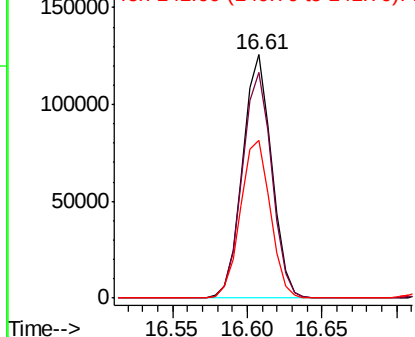


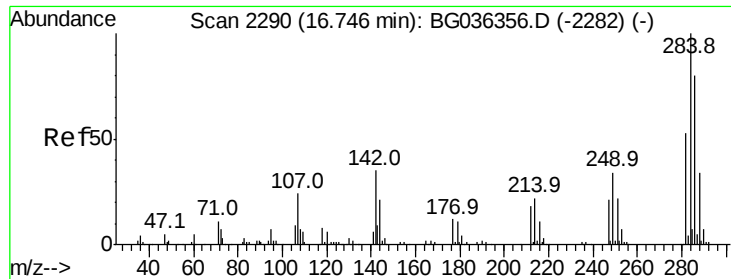
#66
 4-Bromophenyl-phenylether
 Concen: 39.314 ng
 RT: 16.61 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Tgt Ion:	248	Resp:	169577
Ion Ratio	Lower	Upper	
248	100		
250	92.9	78.1	117.1
141	64.8	53.7	80.5



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





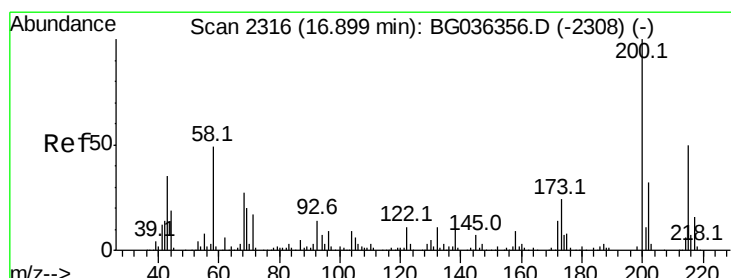
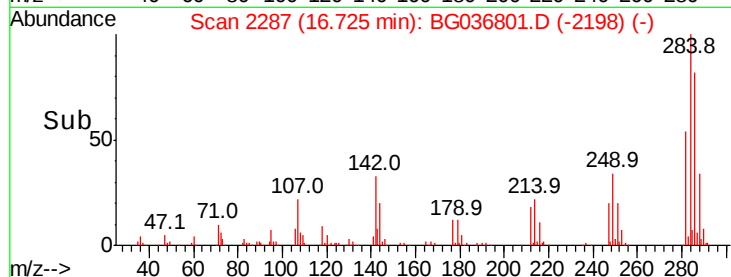
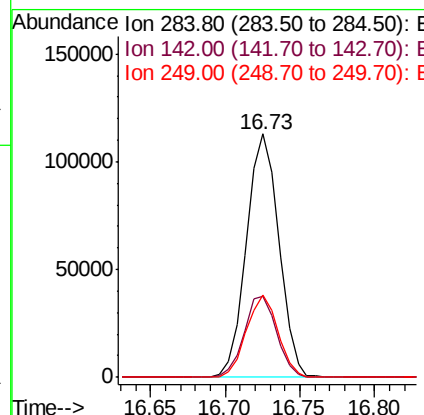
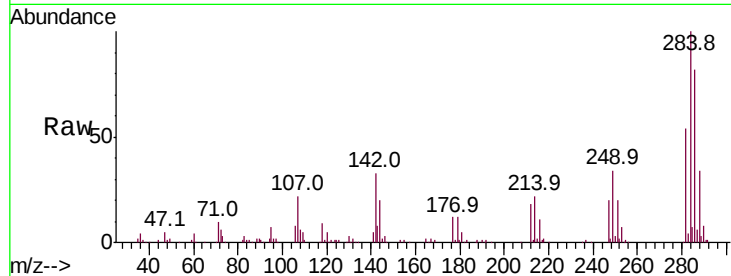
#67
Hexachlorobenzene
Concen: 38.486 ng
RT: 16.73 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Instrument :
BNA_G
ClientSampleId :
PB112954BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	33.1	27.8	41.6	
249	33.8	27.4	41.2	

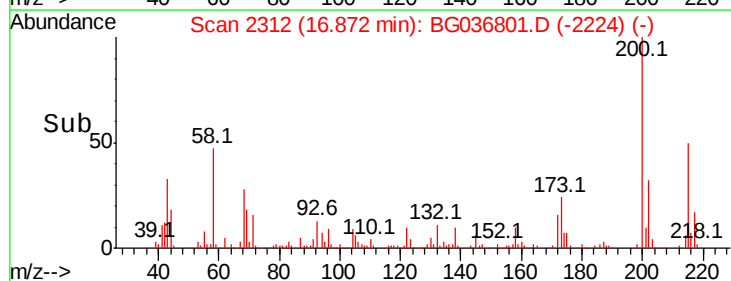
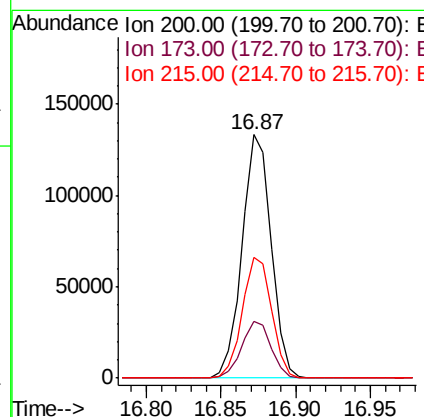
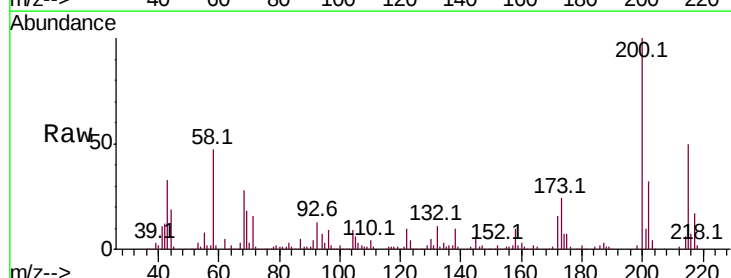
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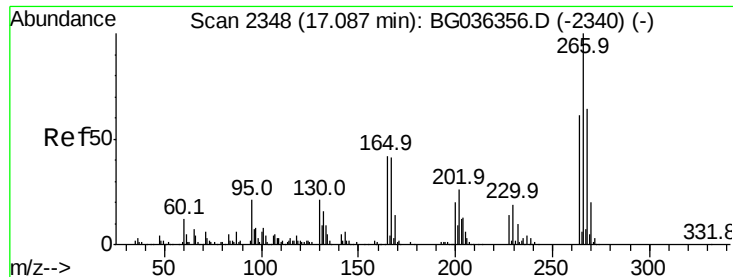
Sohil
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#68
Atrazine
Concen: 43.821 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.5	3.9	43.9	
215	49.7	30.4	70.4	





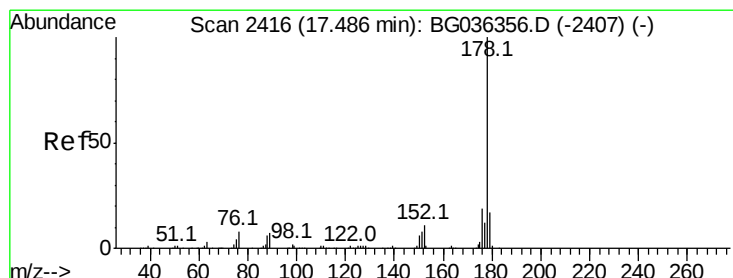
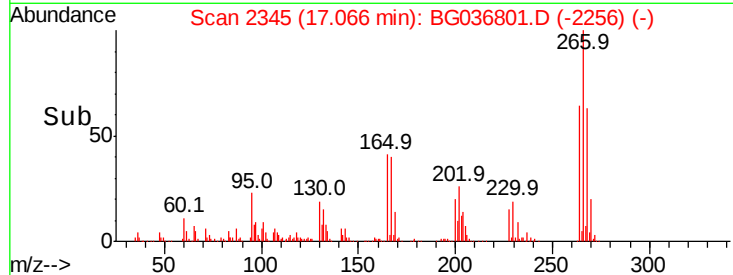
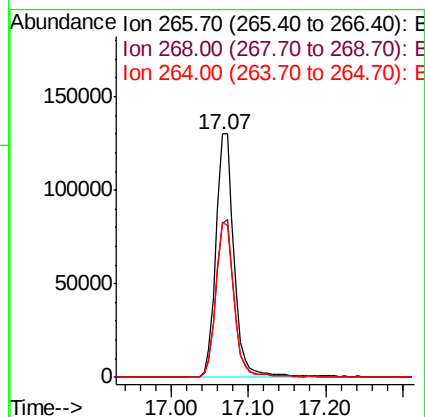
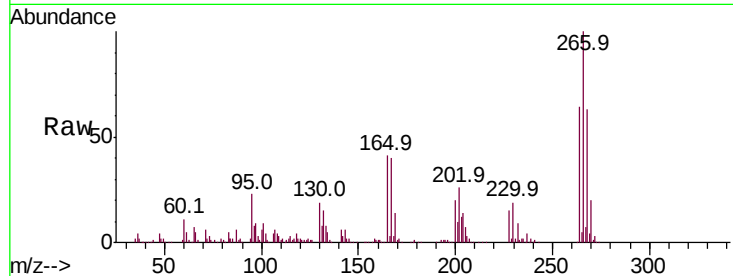
#69
 Pentachlorophenol
 Concen: 70.699 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB112954BS

Tot Ion:	266	Resp:	211927
Ion Ratio	Lower	Upper	
266	100		
268	63.2	51.4	77.2
264	63.5	48.9	73.3

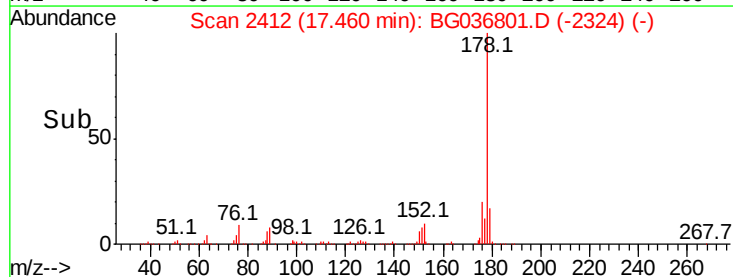
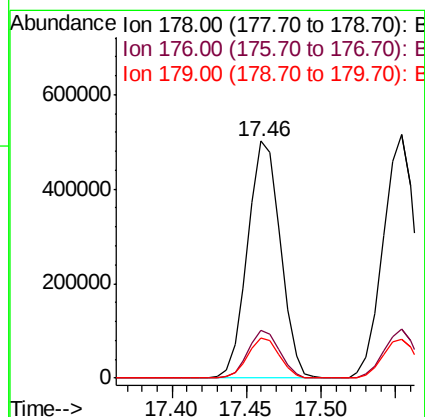
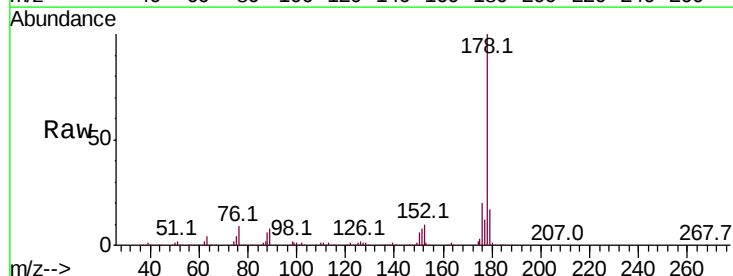
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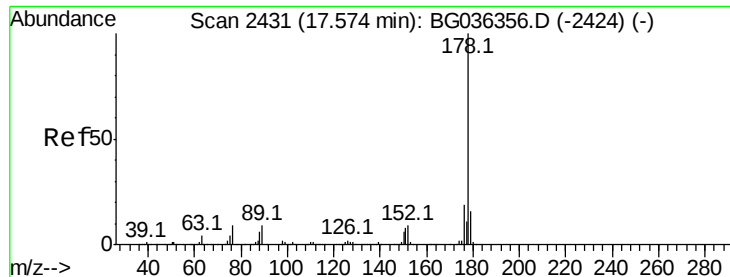
Sohil
 9/19/2018 12:30:08 PM



#70
 Phenanthrene
 Concen: 40.720 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Tgt Ion:	178	Resp:	762285
Ion Ratio	Lower	Upper	
178	100		
176	20.2	15.4	23.2
179	16.9	13.4	20.2





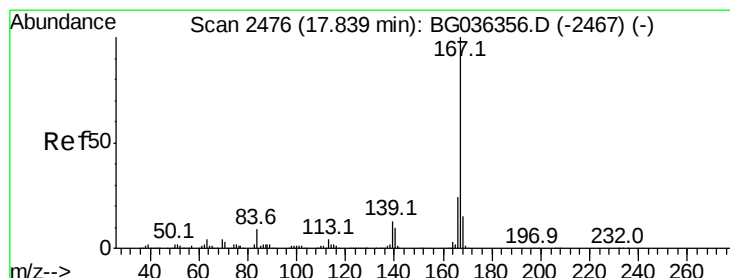
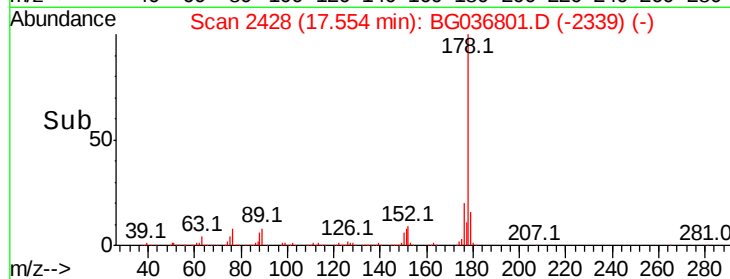
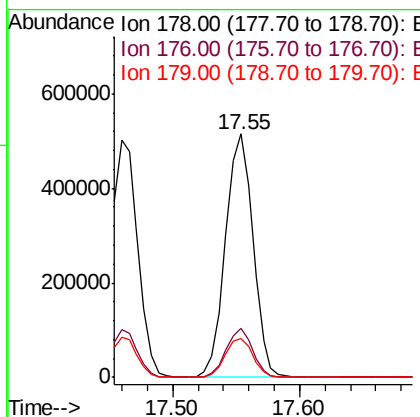
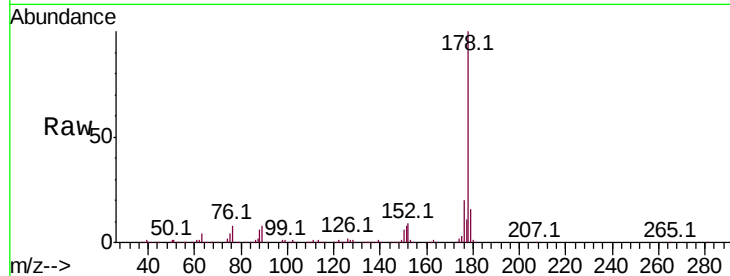
#71
 Anthracene
 Concen: 41.466 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB112954BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.2
179	15.9	13.0	19.4

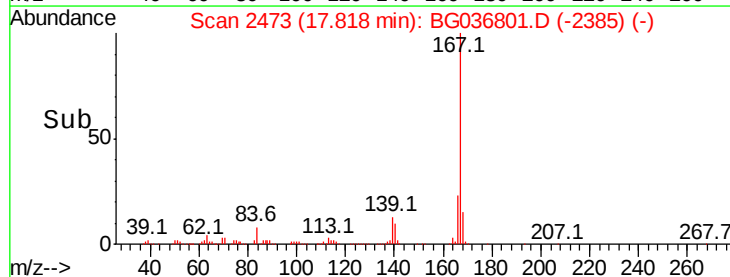
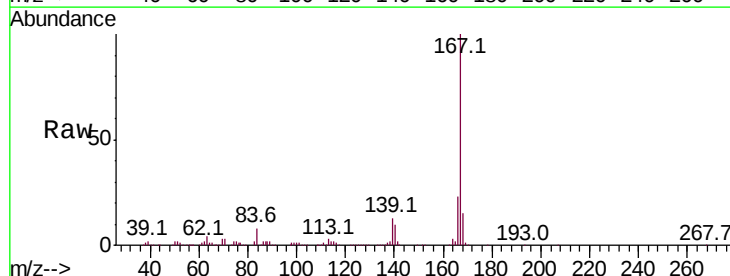
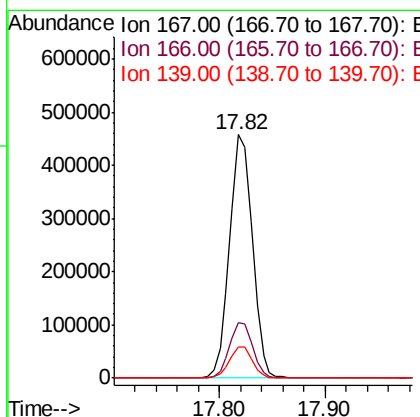
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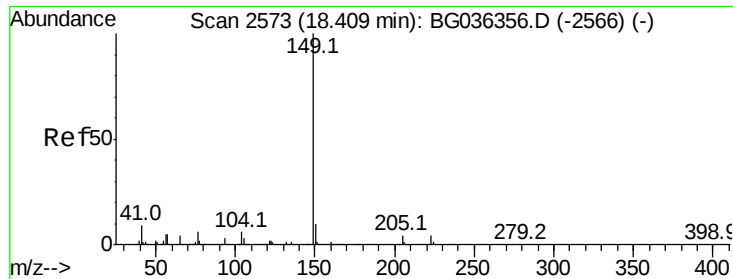
Sohil
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#72
 Carbazole
 Concen: 36.713 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	19.5	29.3
139	13.0	10.7	16.1





#73

Di-n-butylphthalate

Concen: 38.137 ng

RT: 18.38 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BG036801.D

Acq: 19 Sep 2018 1:00

Instrument :

BNA_G

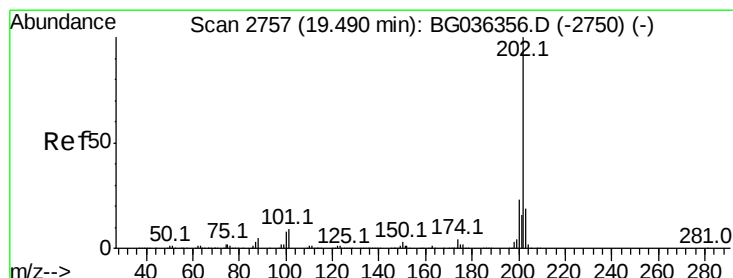
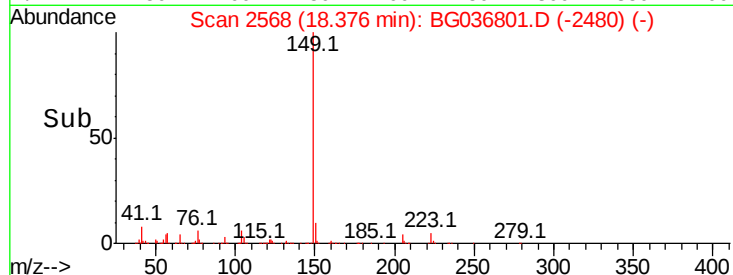
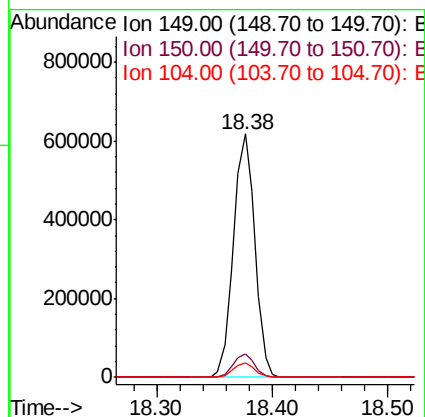
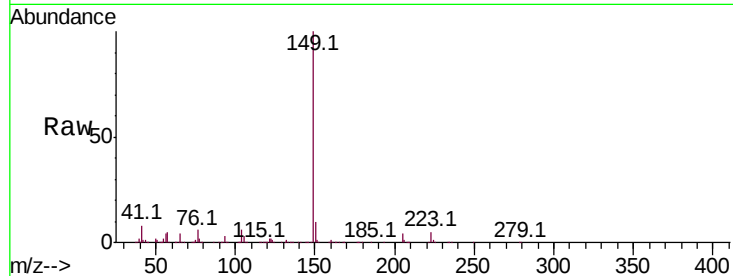
ClientSampleId :

PB112954BS

Tot Ion:	149	Resp:	791453
Ion Ratio	Lower	Upper	
149	100		
150	9.6	8.1	12.1
104	6.0	4.6	6.8

Manual Integrations
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#74

Fluoranthene

Concen: 40.655 ng

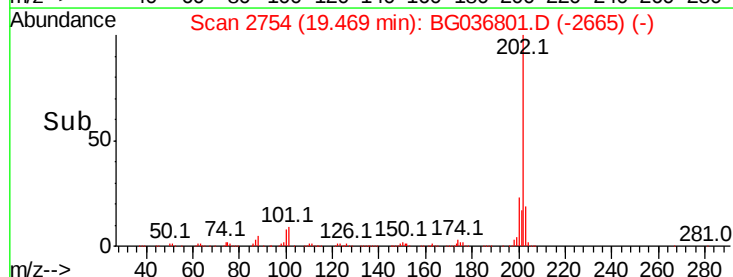
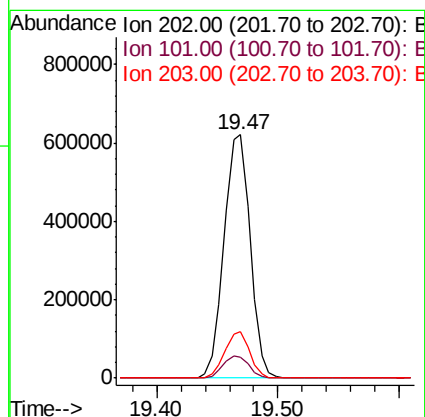
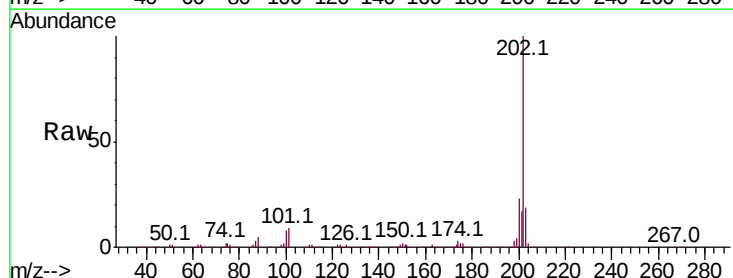
RT: 19.47 min Scan# 2754

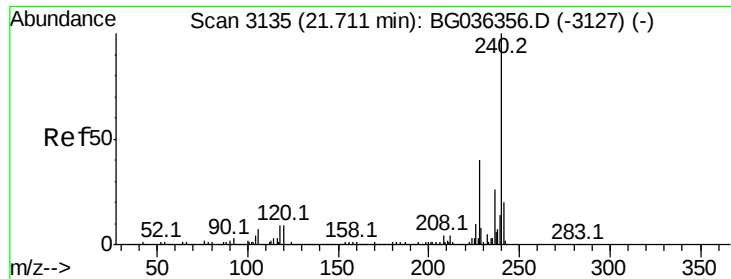
Delta R.T. -0.00 min

Lab File: BG036801.D

Acq: 19 Sep 2018 1:00

Tgt Ion:	202	Resp:	927905
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	29.4
203	18.9	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG036801.D

Acq: 19 Sep 2018 1:00

Instrument :

BNA_G

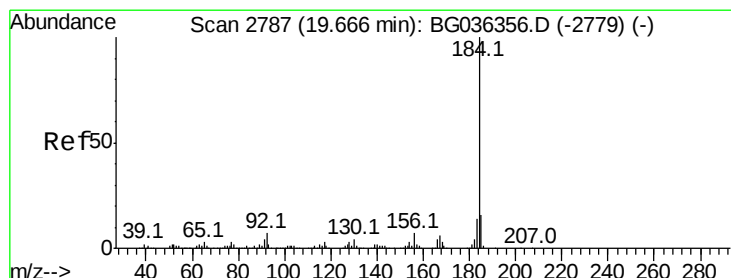
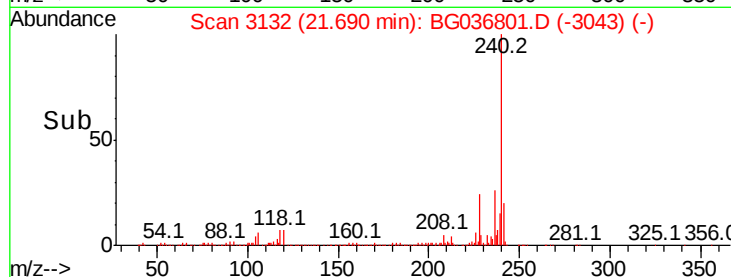
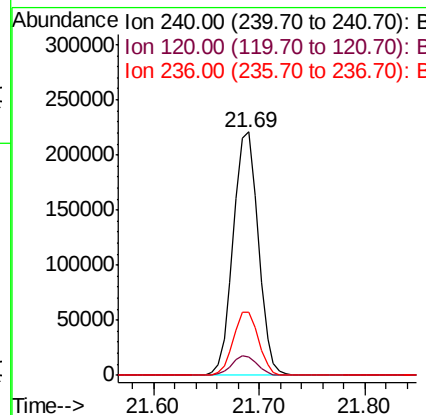
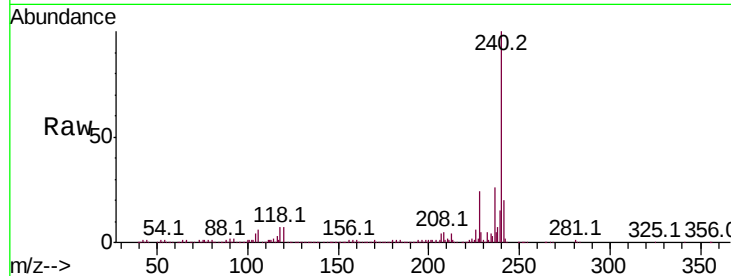
ClientSampleId :

PB112954BS

Tot Ion:	240	Resp:	361658
Ion Ratio	Lower	Upper	
240	100		
120	7.3	6.9	10.3
236	25.8	21.2	31.8

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#76

Benzidine

Concen: 38.913 ng

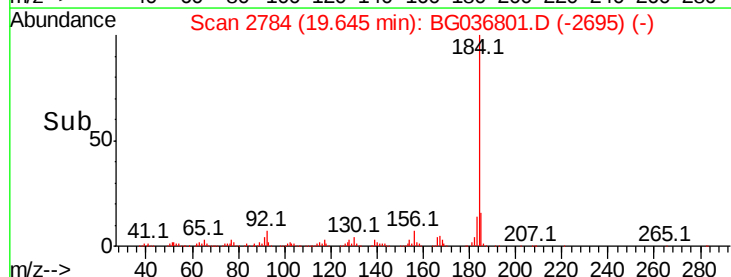
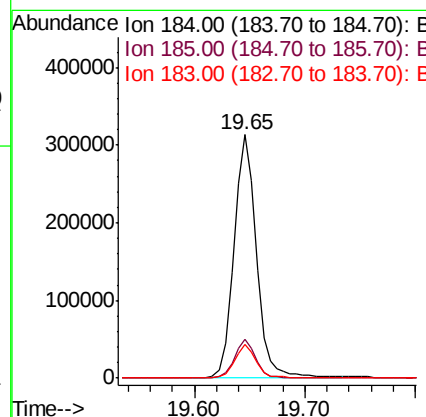
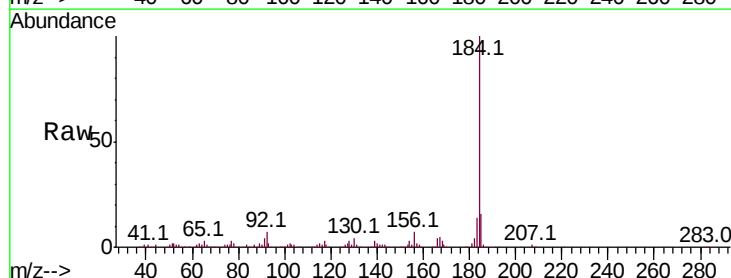
RT: 19.65 min Scan# 2784

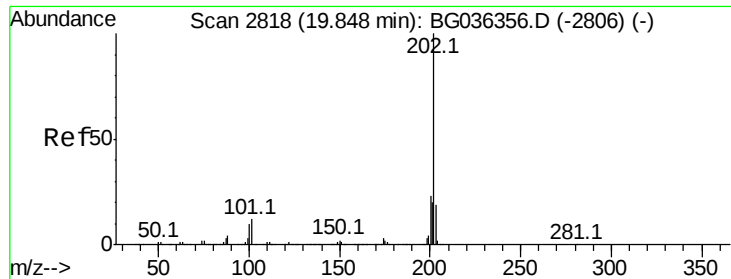
Delta R.T. -0.00 min

Lab File: BG036801.D

Acq: 19 Sep 2018 1:00

Tgt Ion:	184	Resp:	448994
Ion Ratio	Lower	Upper	
184	100		
185	15.8	12.6	18.8
183	13.7	10.9	16.3





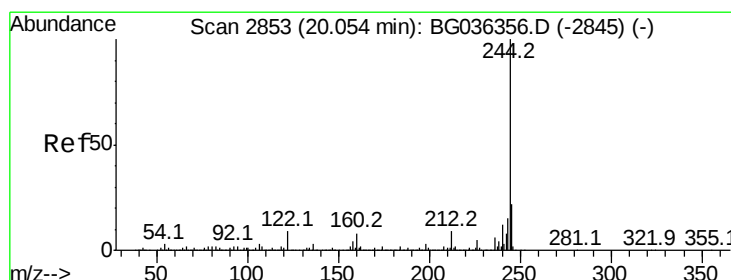
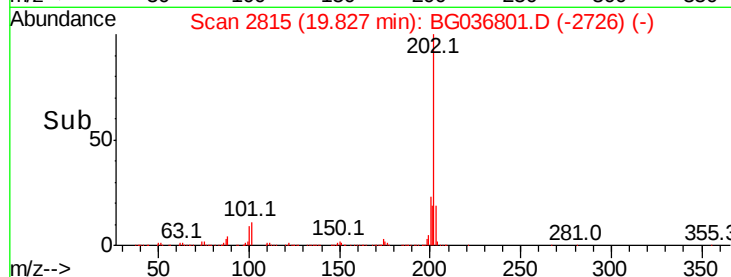
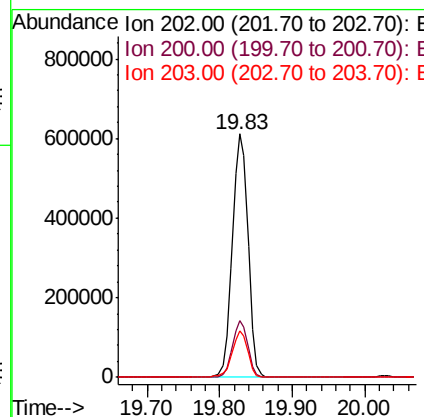
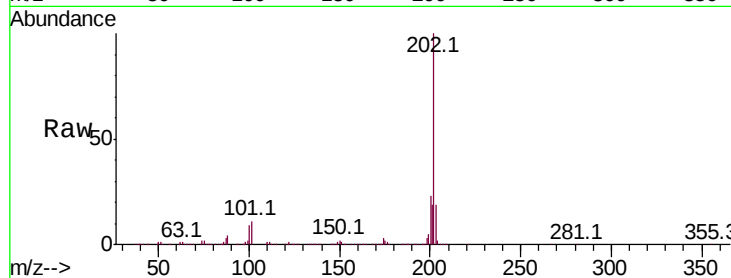
#77
Pvrene
Concen: 41.303 ng
RT: 19.83 min Scan# 2815
Delta R.T. -0.00 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Instrument :
BNA_G
ClientSampleId :
PB112954BS

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	23.2	18.3	27.5
203	19.1	15.1	22.7

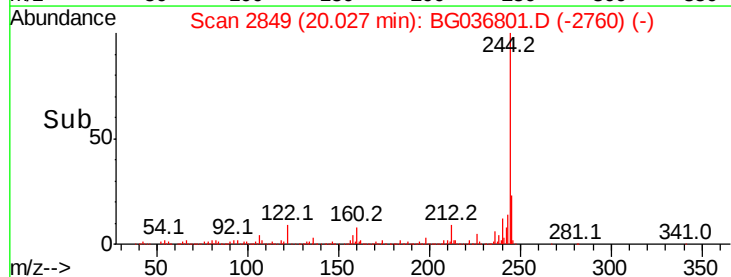
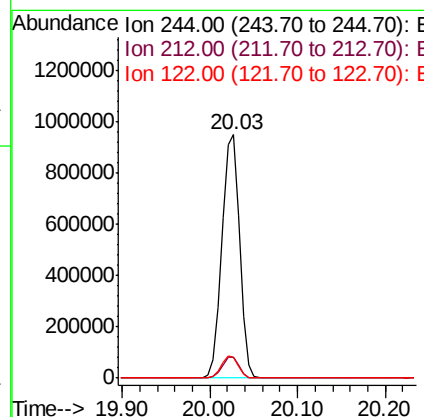
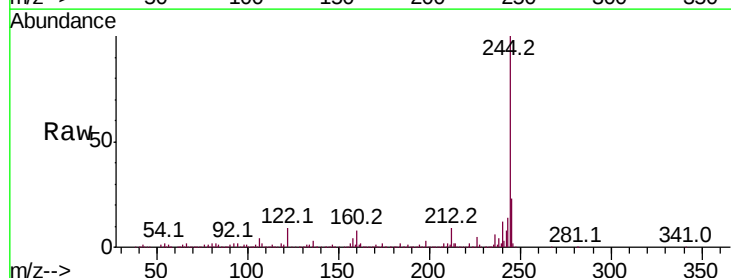
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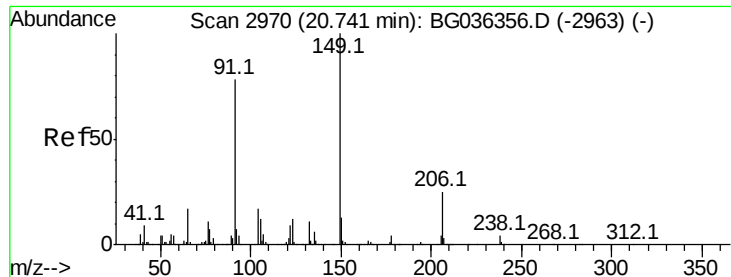
Sohil
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#78
Terphenyl-d14
Concen: 86.685 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.7	7.0	10.6
122	8.8	7.1	10.7





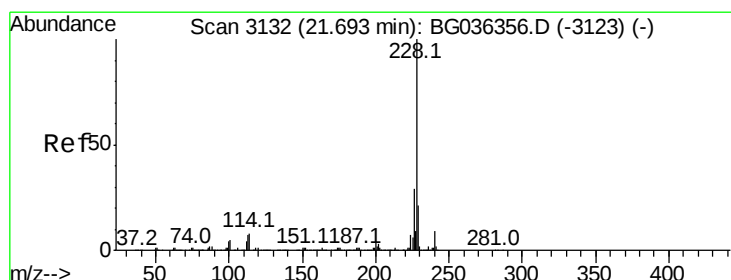
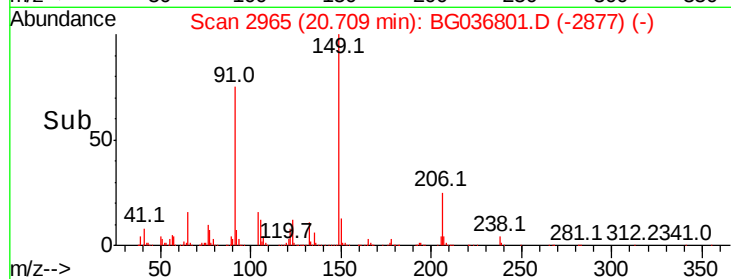
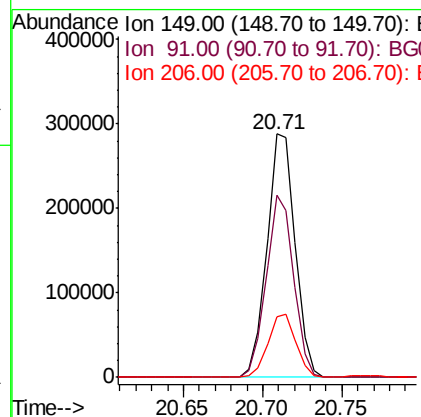
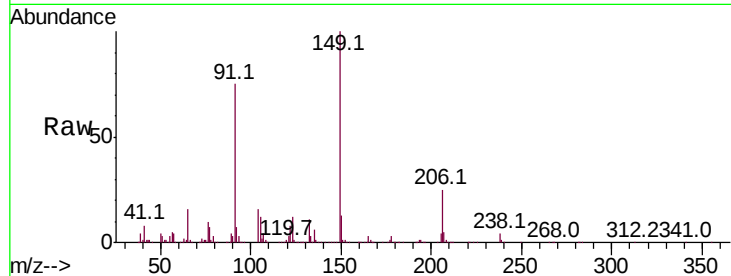
#79
Butylbenzylphthalate
Concen: 40.580 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Instrument :
BNA_G
ClientSampleId :
PB112954BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	74.6	62.0	93.0	
206	24.8	19.6	29.4	

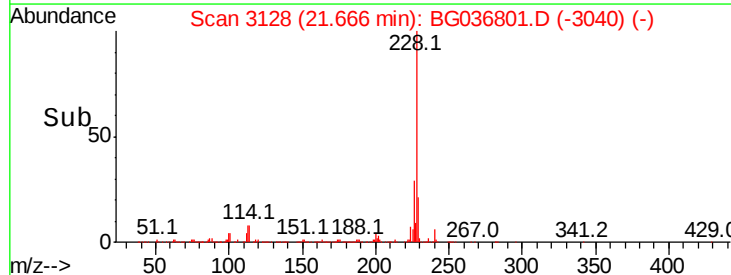
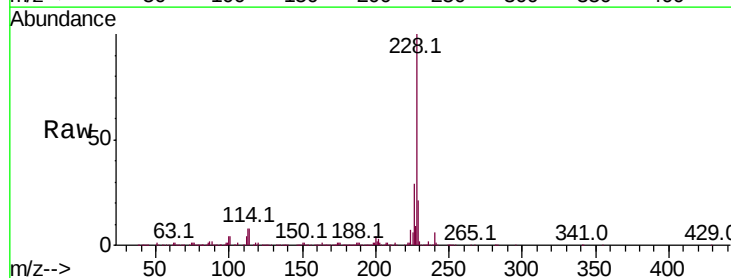
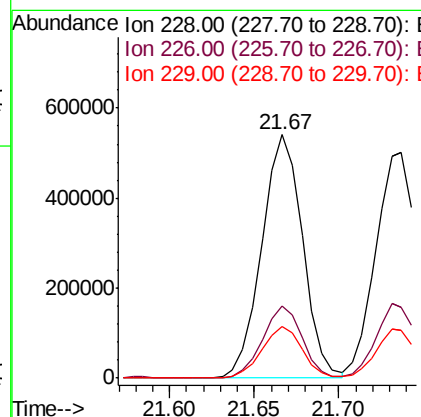
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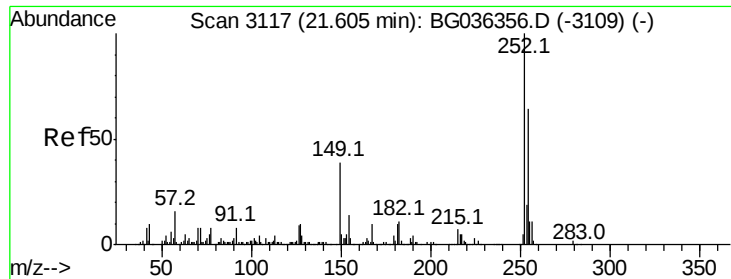
Sohil
9/19/2018 12:30:08 PM



#80
Benzo(a)anthracene
Concen: 41.496 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.5	23.4	35.2	
229	21.1	17.1	25.7	





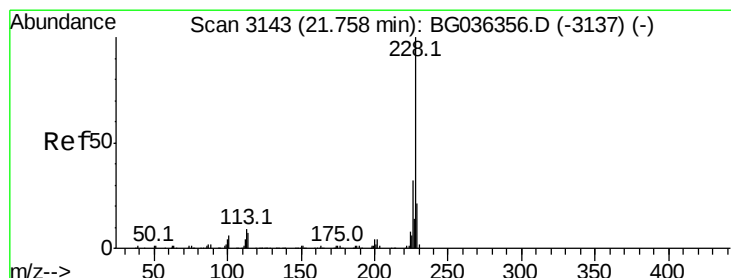
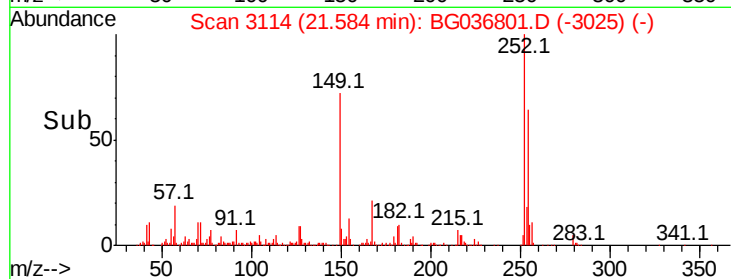
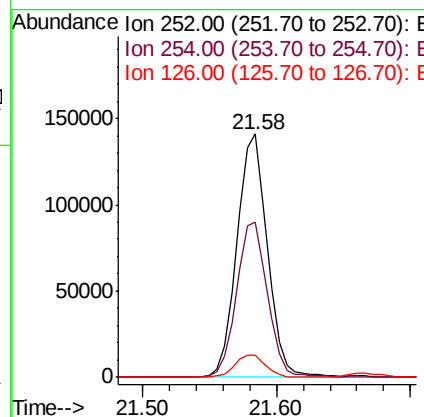
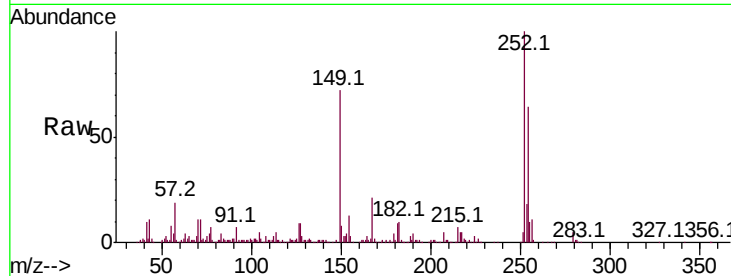
#81
 3,3'-Dichlorobenzidine
 Concen: 25.616 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB112954BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	63.9	51.0	76.4	
126	8.8	7.4	11.0	

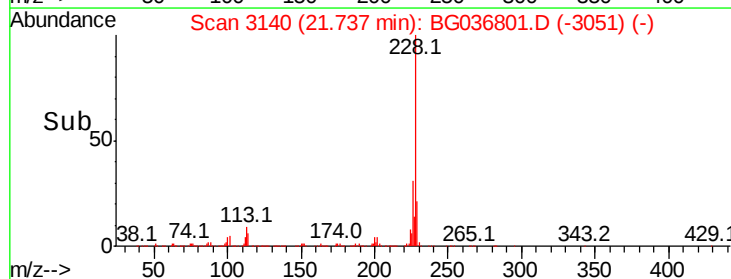
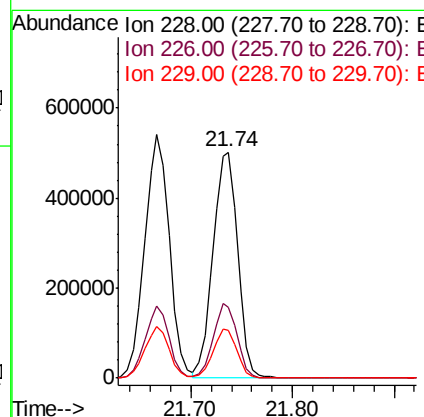
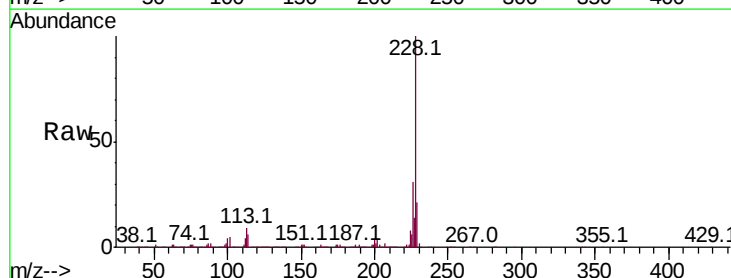
Manual Integrations
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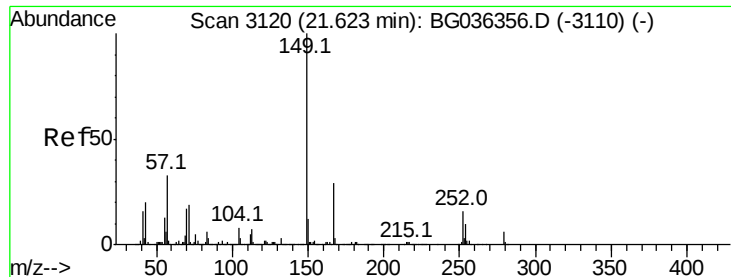
Sohil
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#82
 Chrysene
 Concen: 40.698 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.5	25.5	38.3	
229	21.1	16.9	25.3	





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.151 ng

RT: 21.57 min Scan# 3112

Delta R.T. -0.02 min

Lab File: BG036801.D

Acq: 19 Sep 2018 1:00

Instrument :

BNA_G

ClientSampleId :

PB112954BS

Tot Ion:149 Resp: 484906

Ion Ratio Lower Upper

149 100

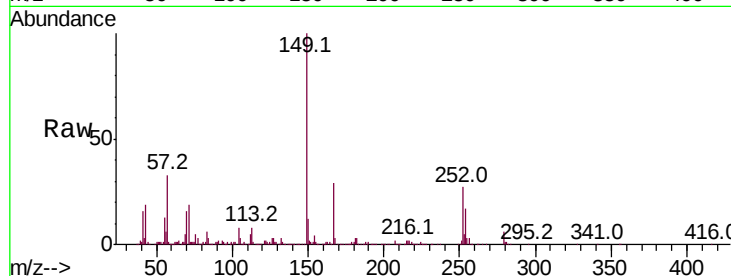
167 29.0 23.4 35.0

279 6.0 4.6 7.0

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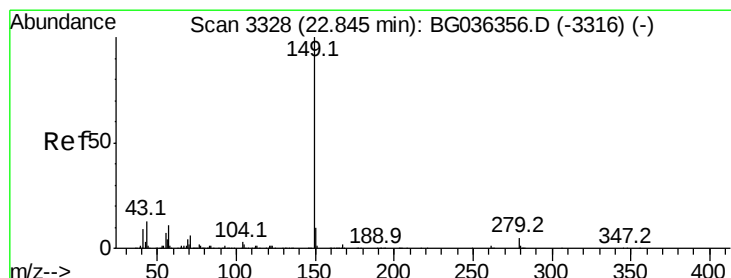
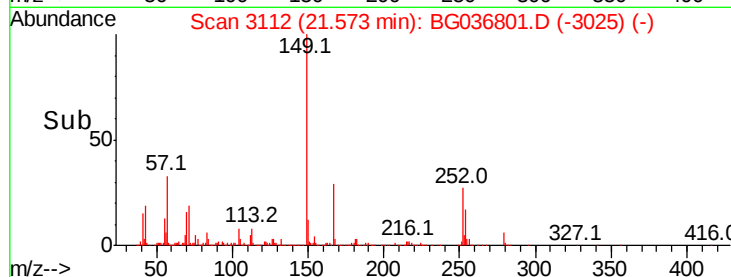
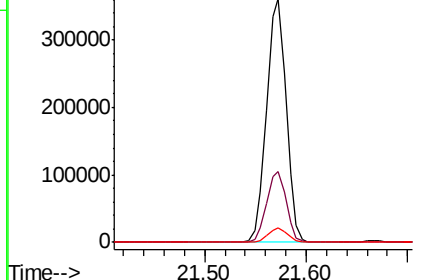
9/19/2018 12:30:08 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.651 ng

RT: 22.78 min Scan# 3317

Delta R.T. -0.02 min

Lab File: BG036801.D

Acq: 19 Sep 2018 1:00

Tgt Ion:149 Resp: 820267

Ion Ratio Lower Upper

149 100

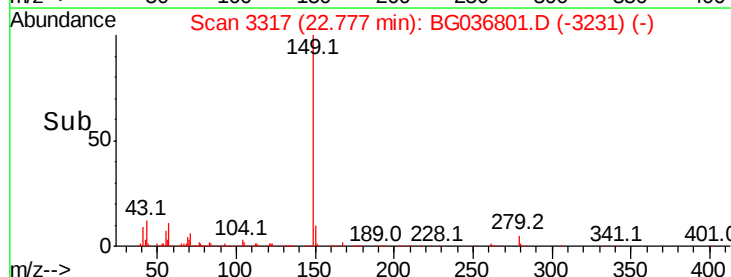
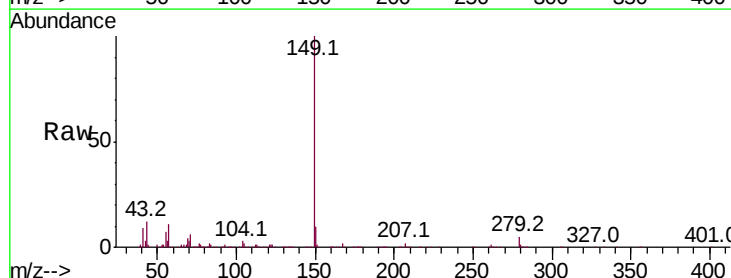
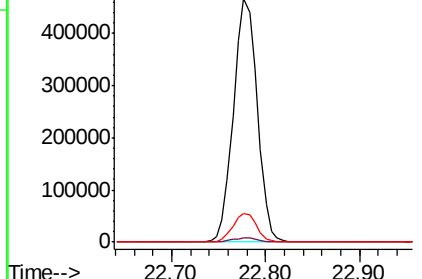
167 1.8 1.3 1.9

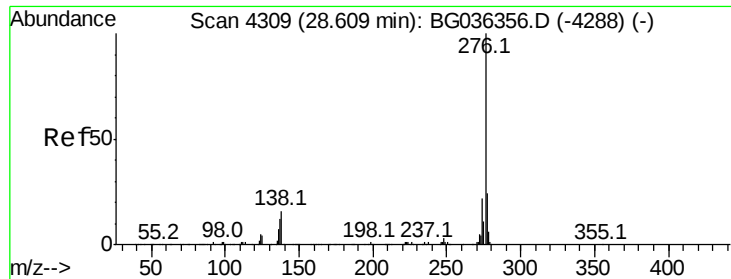
43 11.8 10.0 15.0

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





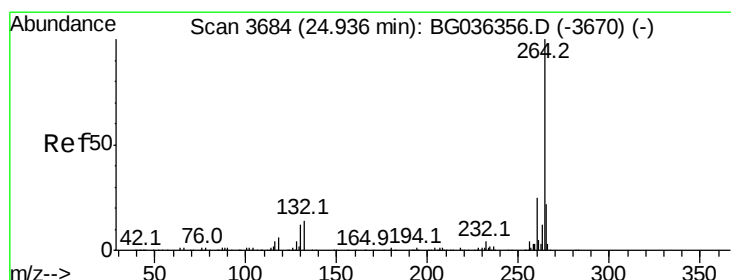
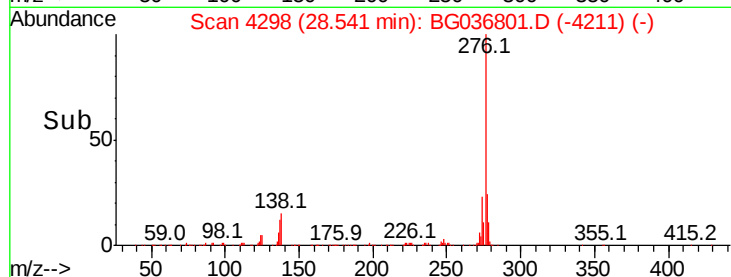
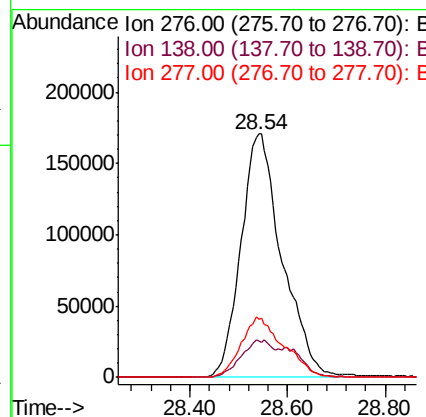
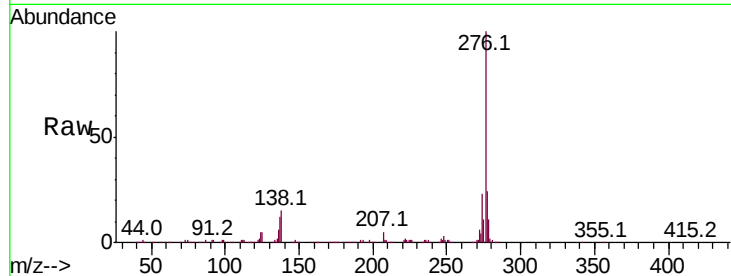
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.413 ng
 RT: 28.54 min Scan# 4298
 Delta R.T. -0.02 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB112954BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.8	10.6	15.8
277	25.5	20.6	30.8

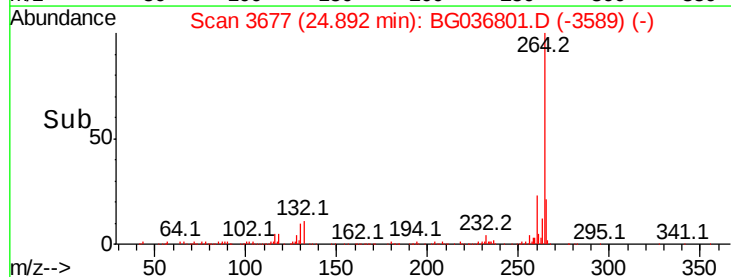
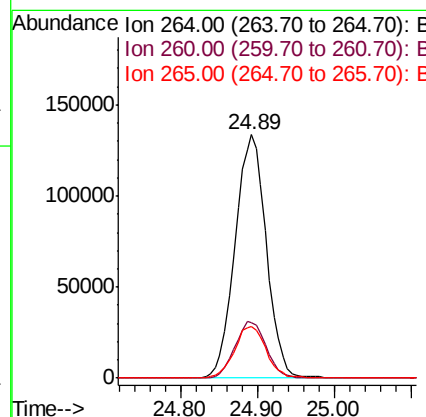
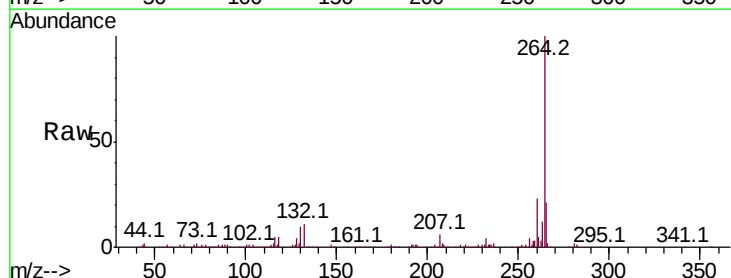
Manual Integrations
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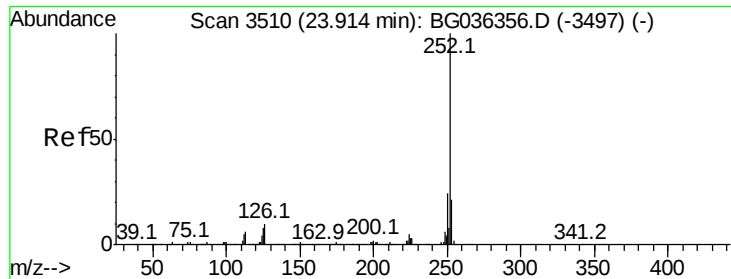
Sohil
 9/19/2018 12:30:08 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.6	29.4
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 43.027 ng

RT: 23.88 min Scan# 3504

Delta R.T. -0.01 min

Lab File: BG036801.D

Acq: 19 Sep 2018 1:00

Instrument :

BNA_G

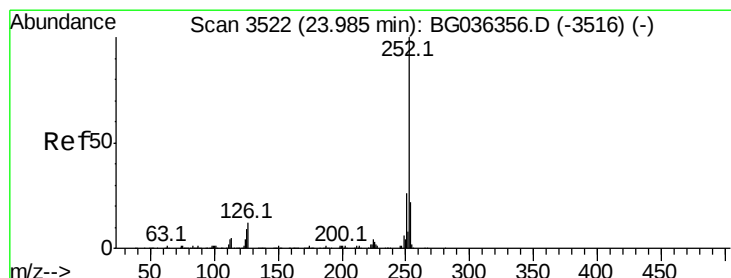
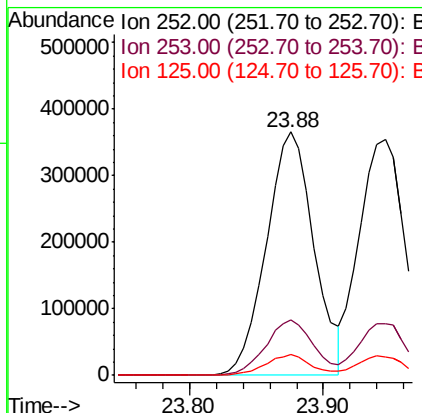
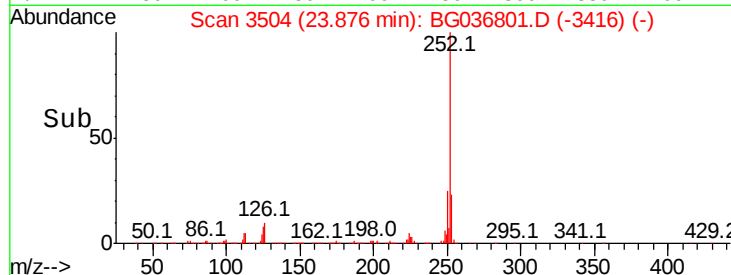
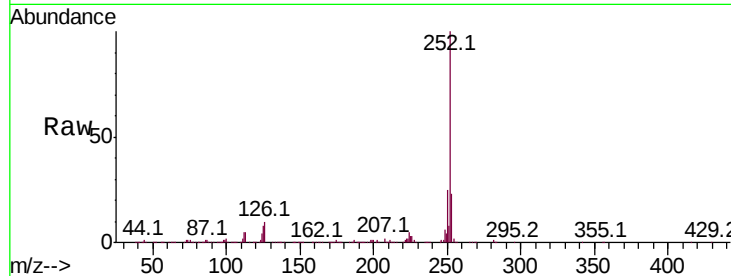
ClientSampleID :

PB112954BS

Tot Ion:	252	Resp:	906039
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.1	25.7
125	8.4	6.6	10.0

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 40.913 ng

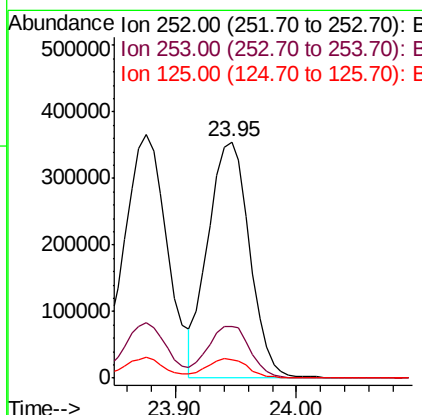
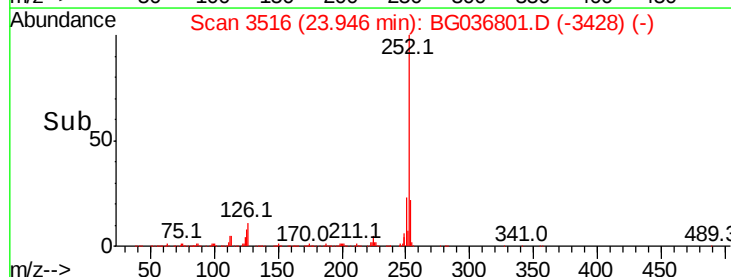
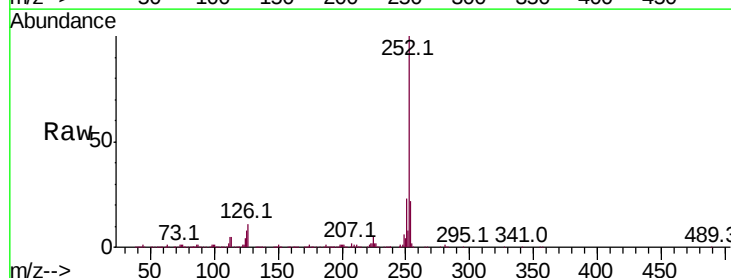
RT: 23.95 min Scan# 3516

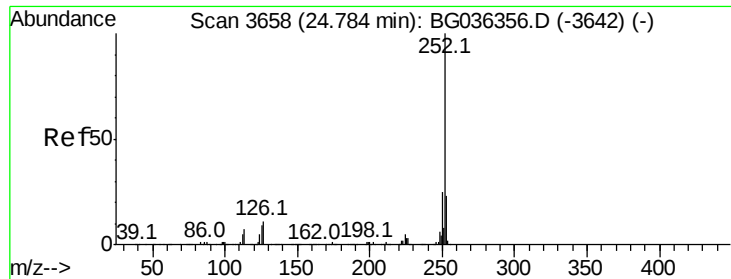
Delta R.T. -0.01 min

Lab File: BG036801.D

Acq: 19 Sep 2018 1:00

Tgt Ion:	252	Resp:	841660
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.0	27.0
125	8.0	7.0	10.6





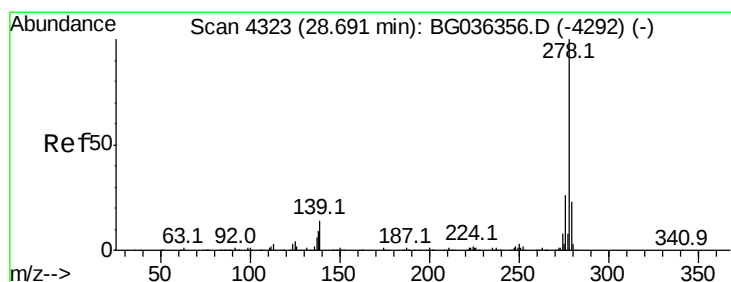
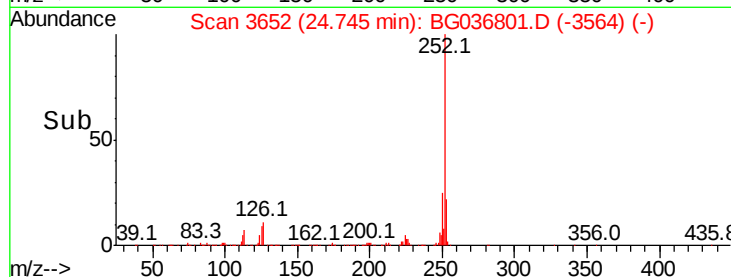
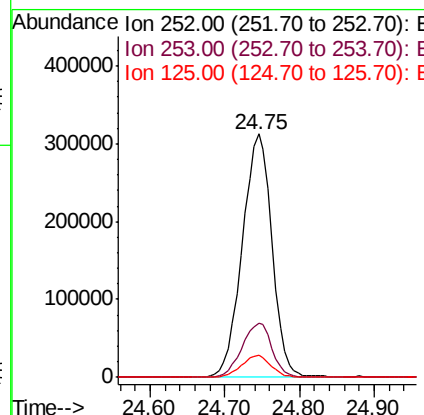
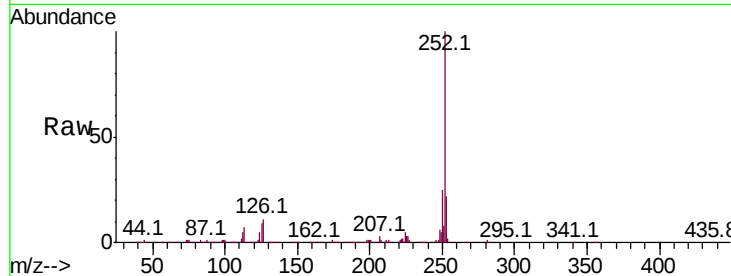
#89
Benzo(a)pyrene
Concen: 42.632 ng
RT: 24.75 min Scan# 3652
Delta R.T. -0.01 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Instrument :
BNA_G
ClientSampleId :
PB112954BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	8.9	7.3	10.9

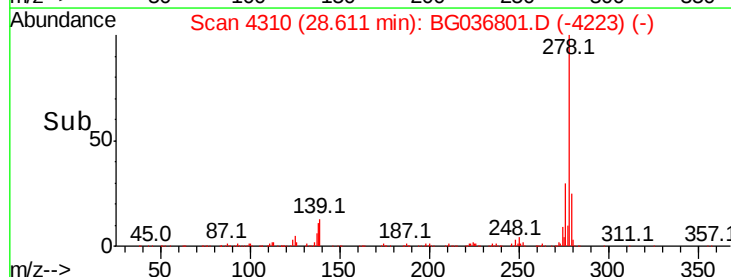
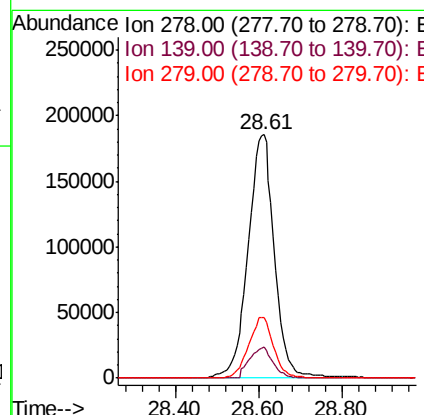
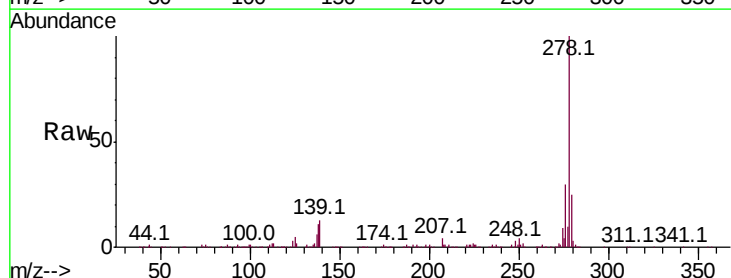
Manual Integrations
APPROVED

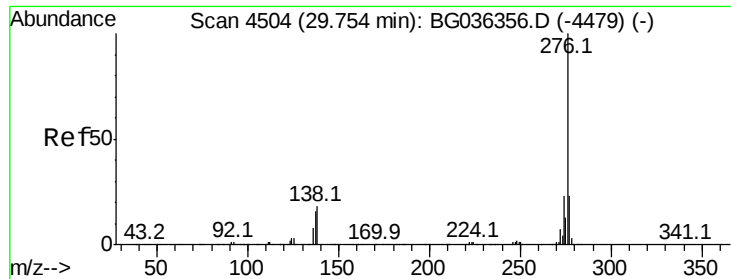
Sohil
9/19/2018 12:30:08 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.759 ng
RT: 28.61 min Scan# 4310
Delta R.T. -0.02 min
Lab File: BG036801.D
Acq: 19 Sep 2018 1:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.6	11.0	16.4
279	24.9	18.7	28.1





#91
 Benzo(a,h,i)perylene
 Concen: 42.470 ng
 RT: 29.68 min Scan# 4492
 Delta R.T. -0.02 min
 Lab File: BG036801.D
 Acq: 19 Sep 2018 1:00

Instrument :
 BNA_G
 ClientSampleId :
 PB112954BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.4	27.6
138	15.7	14.6	22.0

Manual Integrations
 APPROVED

Sohil
 9/19/2018 12:30:08 PM

