

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
 Data File : BG036235.D
 Acq On : 9 Aug 2018 16:19
 Operator : JU/SJ
 Sample : PB111891BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111891BS

Manual Integrations
 APPROVED

Sohil
 8/10/2018 4:01:45 PM

Quant Time: Aug 10 05:00:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	28911	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	114337	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	83847	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	230245	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	248829	20.00	ng	-0.02
86) Perylene-d12	24.83	264	221900	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	245838	141.17	ng	0.00
7) Phenol-d6	7.18	99	352276	135.59	ng	-0.01
23) Nitrobenzene-d5	9.17	82	231327	84.52	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	176647	159.84	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	541911	86.59	ng	-0.02
78) Terphenyl-d14	19.99	244	1069589	94.75	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	27628	31.172	ng	# 79
3) Pyridine	3.90	79	76418	33.027	ng	# 70
4) n-Nitrosodimethylamine	3.81	42	36279	36.517	ng	# 82
6) Aniline	7.34	93	116028	34.455	ng	95
8) 2-Chlorophenol	7.58	128	86111	48.621	ng	90
9) Benzaldehyde	7.16	77	48445	30.389	ng	93
10) Phenol	7.21	94	125058	47.643	ng	91
11) bis(2-Chloroethyl)ether	7.43	93	81582	39.687	ng	89
12) 1,3-Dichlorobenzene	7.90	146	98880	46.233	ng	96
13) 1,4-Dichlorobenzene	8.04	146	102007	46.942	ng	92
14) 1,2-Dichlorobenzene	8.36	146	93979	45.018	ng	95
15) Benzyl Alcohol	8.25	79	97116	41.162	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.53	45	88189	51.171	ng	71
17) 2-Methylphenol	8.46	107	84911	47.579	ng	# 93
18) Hexachloroethane	9.08	117	37931	45.652	ng	86
19) n-Nitroso-di-n-propylamine	8.81	70	78833	36.032	ng	# 86
20) 3+4-Methylphenols	8.78	107	111907	45.200	ng	90
22) Acetophenone	8.83	105	147086	41.368	ng	# 94
24) Nitrobenzene	9.21	77	118912	43.200	ng	96
25) Isophorone	9.73	82	220948	43.487	ng	99
26) 2-Nitrophenol	9.92	139	51420	52.599	ng	# 88
27) 2,4-Dimethylphenol	9.99	122	88349	53.390	ng	89
28) bis(2-Chloroethoxy)methane	10.21	93	115927	41.408	ng	98
29) 2,4-Dichlorophenol	10.46	162	100629	53.273	ng	88
30) 1,2,4-Trichlorobenzene	10.67	180	111477	48.128	ng	94
31) Naphthalene	10.86	128	260459	43.731	ng	100
32) Benzoic acid	10.17	122	31337m	28.131	ng	
33) 4-Chloroaniline	10.97	127	70030	26.978	ng	# 92
34) Hexachlorobutadiene	11.14	225	89126	49.345	ng	96
35) Caprolactam	11.77	113	32241m	39.774	ng	
36) 4-Chloro-3-methylphenol	12.10	107	122725	48.470	ng	95
37) 2-Methylnaphthalene	12.46	142	208781	47.052	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	150085	47.425	ng	99
40) Hexachlorocyclopentadiene	12.81	237	167544	100.949	ng	89

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	94336	50.973	ng	97
43) 2,4,5-Trichlorophenol	13.15	196	103534	50.007	ng	97
45) 1,1'-Biphenyl	13.46	154	283674	43.638	ng	97
46) 2-Chloronaphthalene	13.51	162	226415	44.777	ng	99
47) 2-Nitroaniline	13.72	65	81225	45.437	ng	94
48) Acenaphthylene	14.36	152	375562	44.340	ng	97
49) Dimethylphthalate	14.09	163	318567	43.365	ng	99
50) 2,6-Dinitrotoluene	14.21	165	73025	48.815	ng	92
51) Acenaphthene	14.70	154	220843	41.855	ng	98
52) 3-Nitroaniline	14.55	138	52793	34.528	ng #	95
53) 2,4-Dinitrophenol	14.76	184	64548	83.585	ng #	64
54) Dibenzofuran	15.03	168	374404	44.618	ng	93
55) 4-Nitrophenol	14.87	139	84830	77.905	ng #	82
56) 2,4-Dinitrotoluene	15.00	165	107148	49.925	ng	92
57) Fluorene	15.68	166	315138	44.807	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.26	232	105173	52.982	ng #	92
59) Diethylphthalate	15.44	149	317227	41.996	ng	99
60) 4-Chlorophenyl-phenylether	15.67	204	182944	44.256	ng	98
61) 4-Nitroaniline	15.71	138	65484	40.943	ng #	75
62) Azobenzene	15.96	77	315009	42.277	ng	96
64) 4,6-Dinitro-2-methylphenol	15.77	198	61181	47.735	ng	87
65) n-Nitrosodiphenylamine	15.89	169	283227	43.217	ng	97
66) 4-Bromophenyl-phenylether	16.57	248	130575	48.882	ng	97
67) Hexachlorobenzene	16.69	284	131175	47.685	ng	92
68) Atrazine	16.84	200	127799	47.362	ng	98
69) Pentachlorophenol	17.04	266	122759	73.266	ng	99
70) Phenanthrene	17.42	178	514412	44.775	ng	99
71) Anthracene	17.51	178	524065	45.811	ng	98
72) Carbazole	17.78	167	467310	43.014	ng	98
73) Di-n-butylphthalate	18.33	149	547749	42.665	ng #	98
74) Fluoranthene	19.43	202	682094	44.076	ng	96
76) Benzidine	19.62	184	213635	32.657	ng	98
77) Pyrene	19.79	202	682846	43.400	ng	98
79) Butylbenzylphthalate	20.67	149	255730	45.451	ng	94
80) Benzo(a)anthracene	21.62	228	691746	44.610	ng	99
81) 3,3'-Dichlorobenzidine	21.54	252	191248	35.372	ng #	98
82) Chrysene	21.69	228	652578	45.415	ng	99
83) Bis(2-ethylhexyl)phthalate	21.52	149	346280	45.270	ng	99
84) Di-n-octyl phthalate	22.71	149	585704	45.731	ng #	92
85) Indeno(1,2,3-cd)pyrene	28.46	276	704345	44.274	ng #	91
87) Benzo(b)fluoranthene	23.82	252	652670	48.392	ng #	97
88) Benzo(k)fluoranthene	23.89	252	643591	48.811	ng #	97
89) Benzo(a)pyrene	24.68	252	636284	50.711	ng #	95
90) Dibenzo(a,h)anthracene	28.52	278	596617	48.434	ng #	95
91) Benzo(g,h,i)perylene	29.60	276	596808	49.511	ng #	92

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

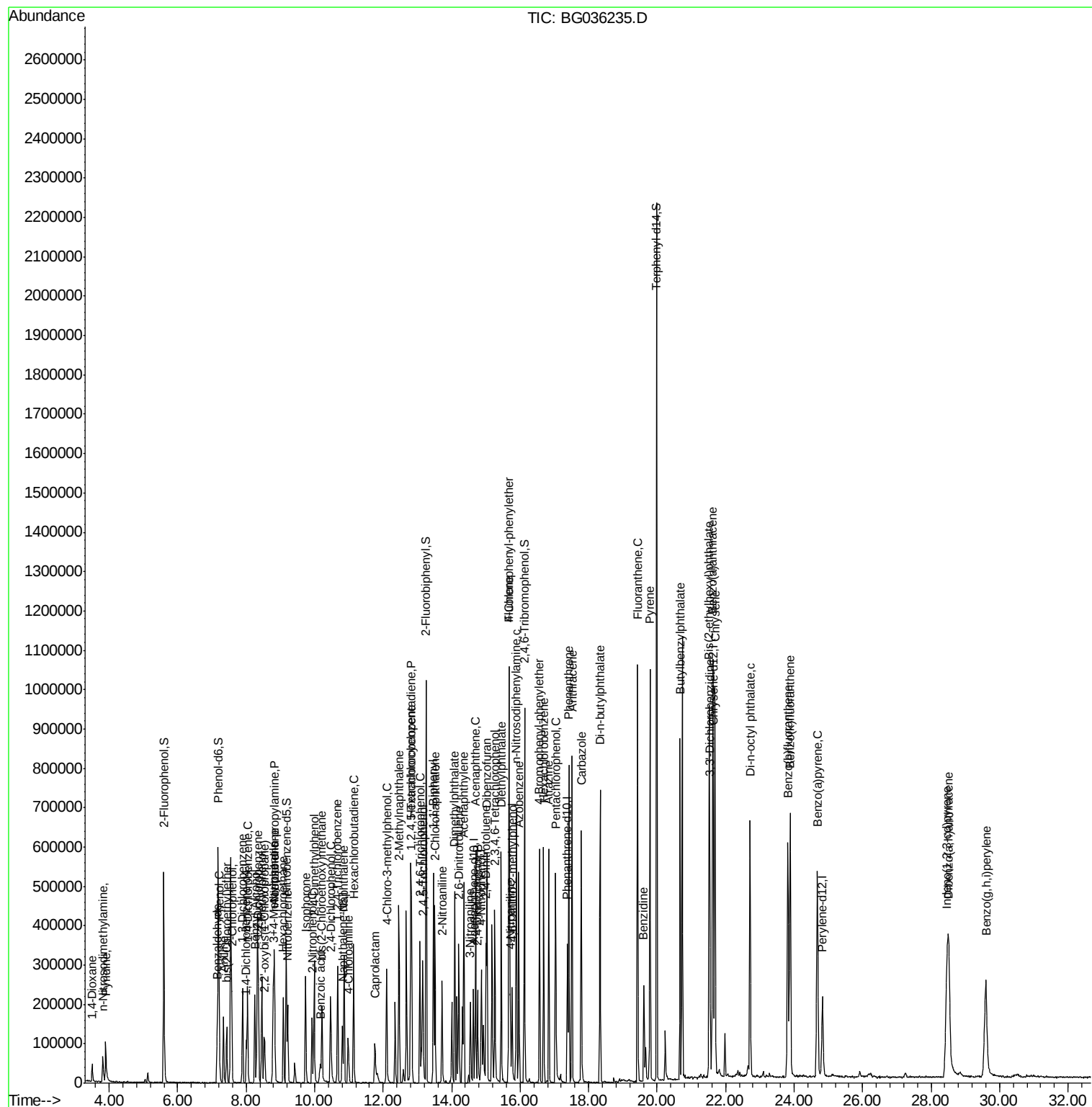
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#1

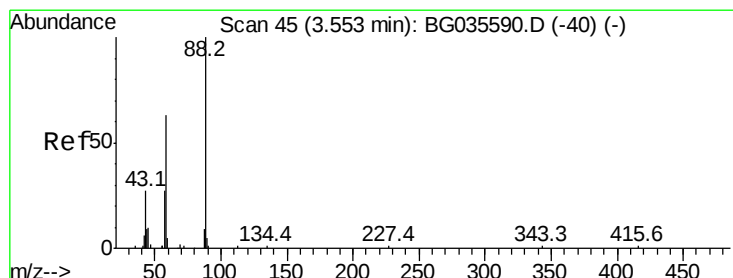
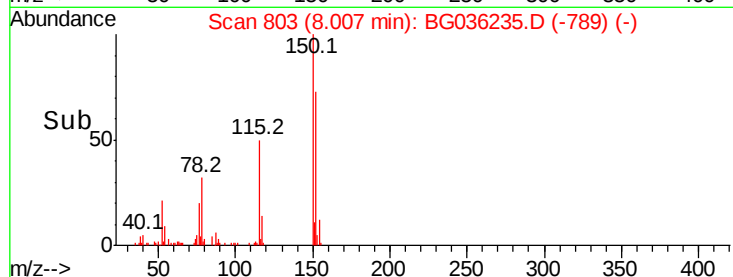
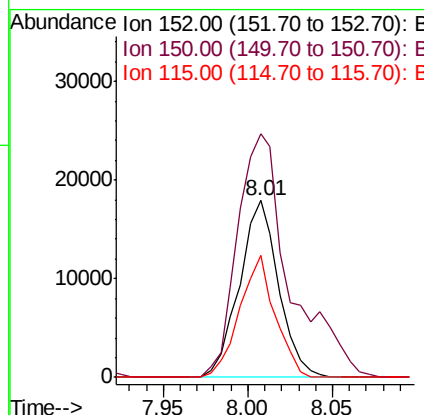
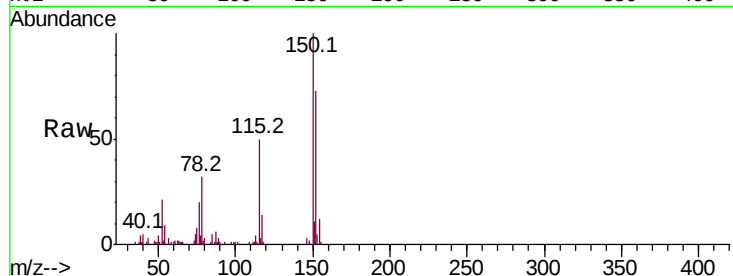
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Instrument :
BNA_G
ClientSampleId :
PB111891BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	137.7	126.6	189.8
115	68.8	53.0	79.4

Manual Integrations
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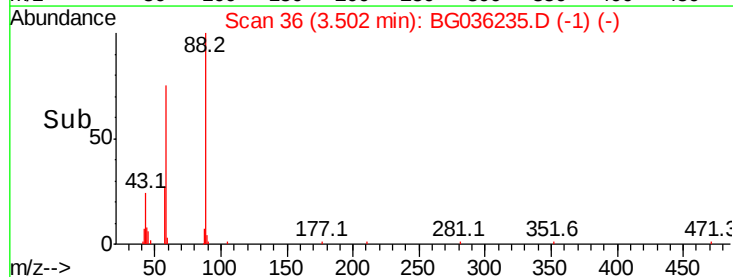
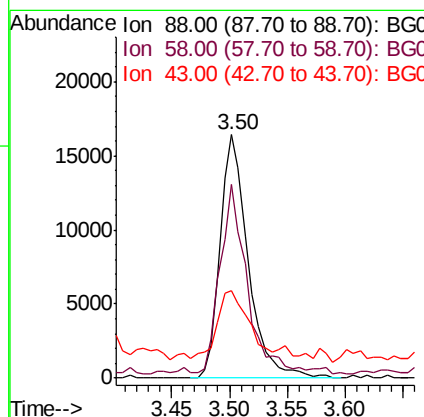
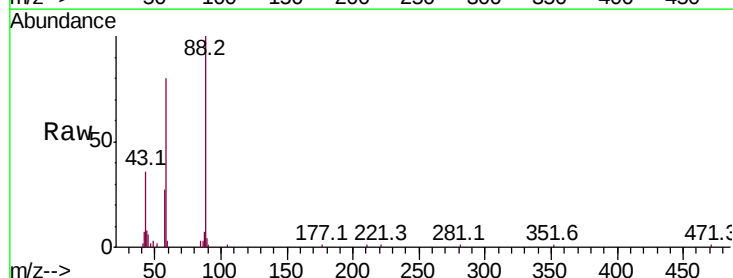
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#2

1,4-Dioxane
Concen: 31.172 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.7	79.6	119.4#
43	30.7	27.4	41.0





#3

Pvridine

Concen: 33.027 ng

RT: 3.90 min Scan# 103

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

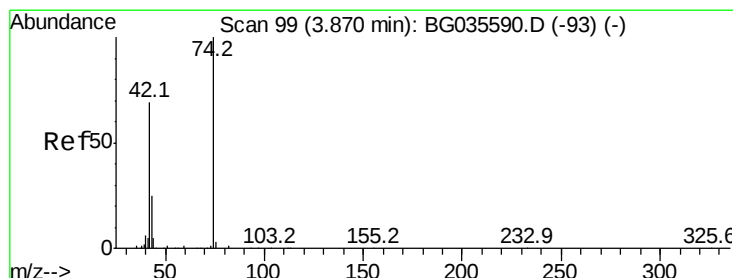
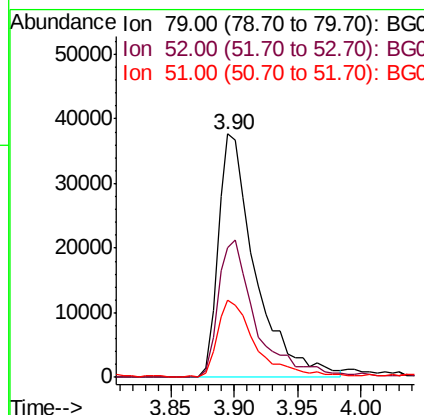
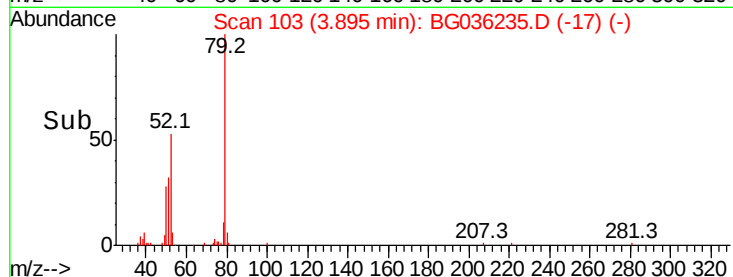
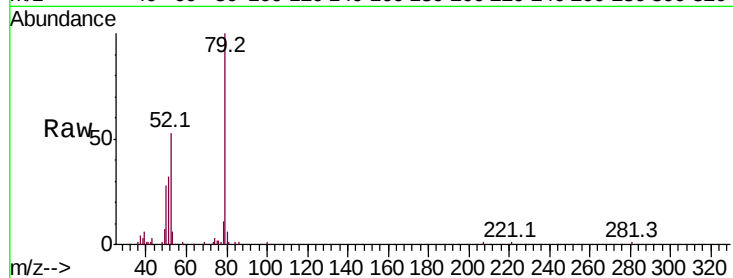
ClientSampleId :

PB111891BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	53.3	69.9	104.9#
51	32.0	34.0	51.0#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.517 ng

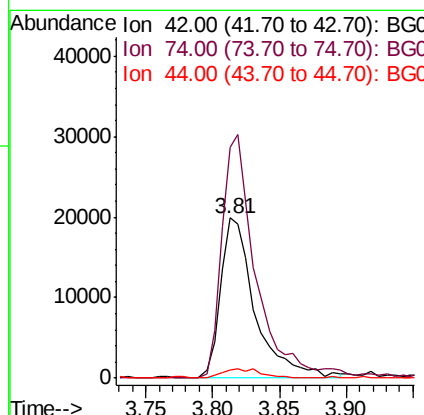
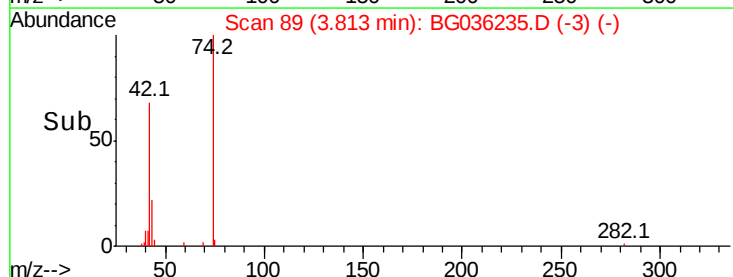
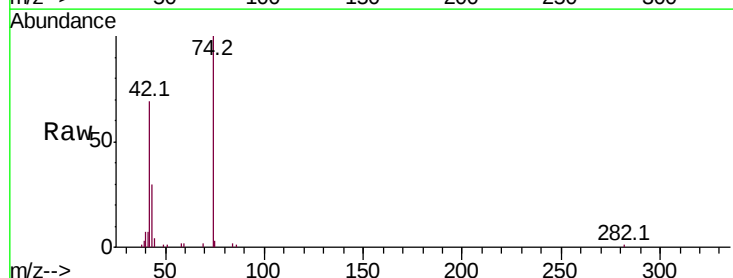
RT: 3.81 min Scan# 89

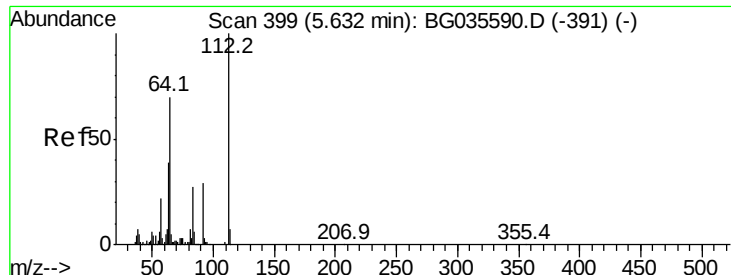
Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.3	102.5	153.7
44	5.1	18.9	28.3#





#5

2-Fluorophenol

Concen: 141.174 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

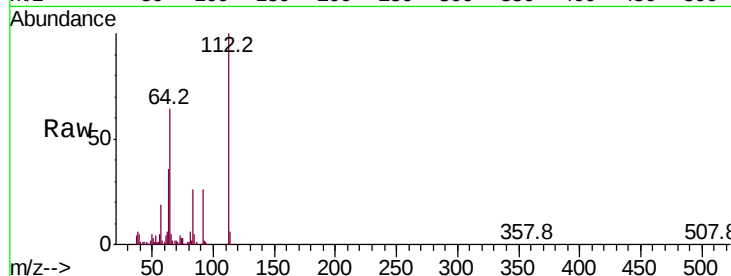
ClientSampleId :

PB111891BS

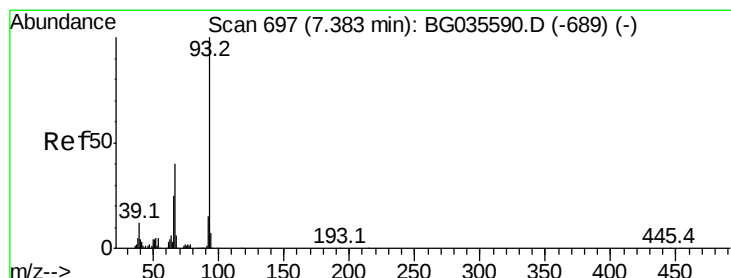
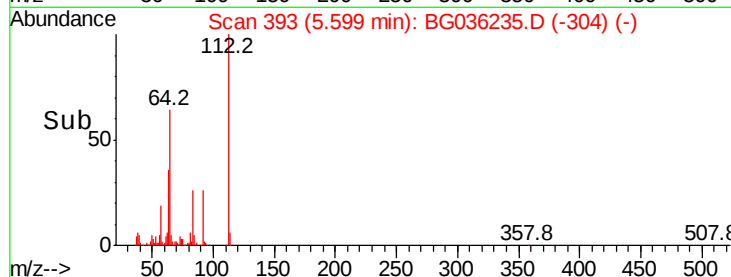
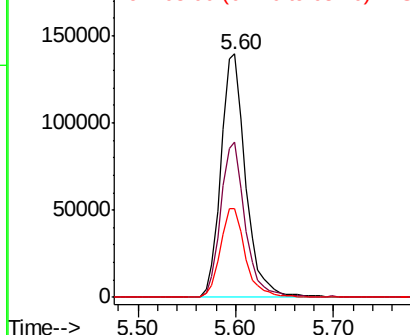
Tot Ion:	112	Resp:	245838
Ion Ratio	Lower	Upper	
112	100		
64	63.5	56.3	84.5
63	36.3	30.1	45.1

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 34.455 ng

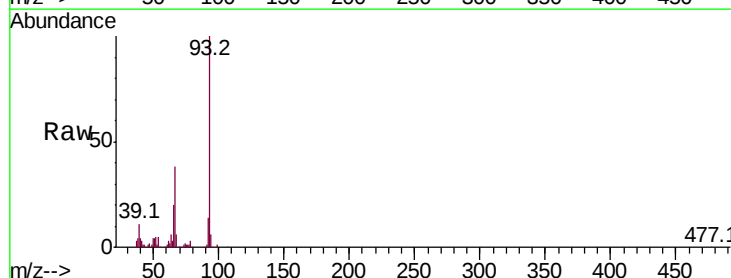
RT: 7.34 min Scan# 689

Delta R.T. -0.02 min

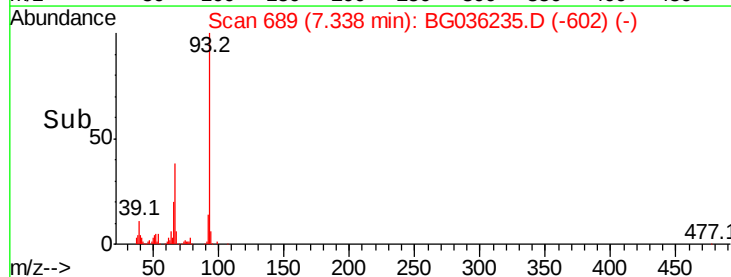
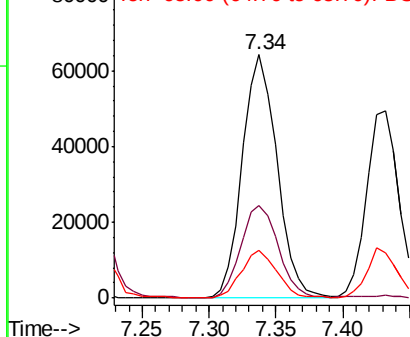
Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Tgt Ion:	93	Resp:	116028
Ion Ratio	Lower	Upper	
93	100		
66	38.2	33.7	50.5
65	19.6	16.1	24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.589 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

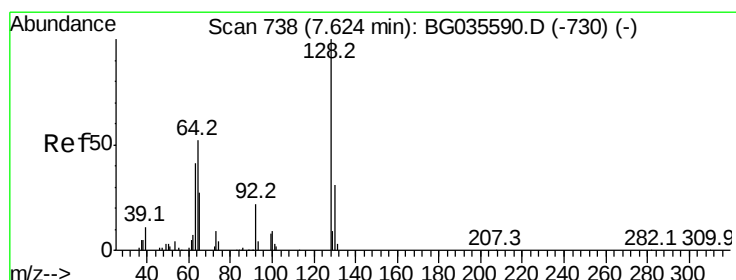
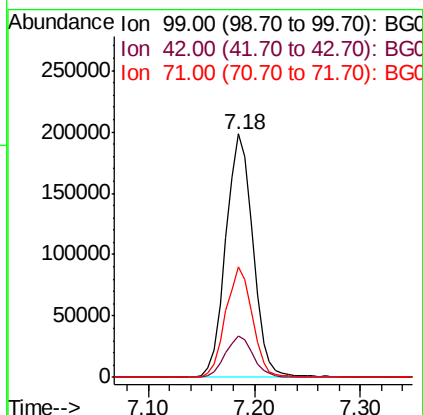
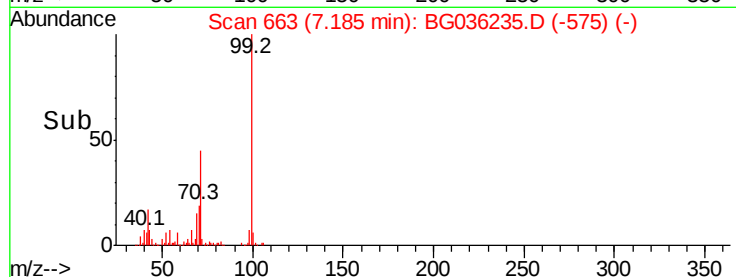
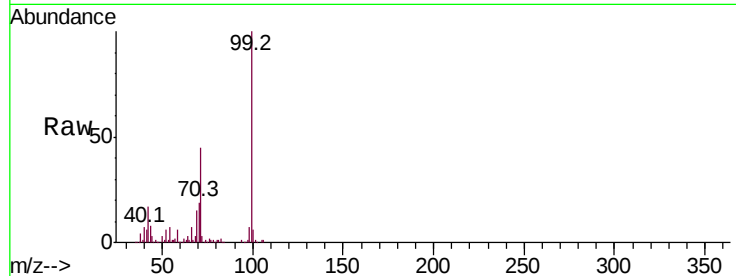
ClientSampled :

PB111891BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		352276		
42	16.8	14.1	21.1		
71	45.3	26.1	39.1#		

Manual Integrations
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#8

2-Chlorophenol

Concen: 48.621 ng

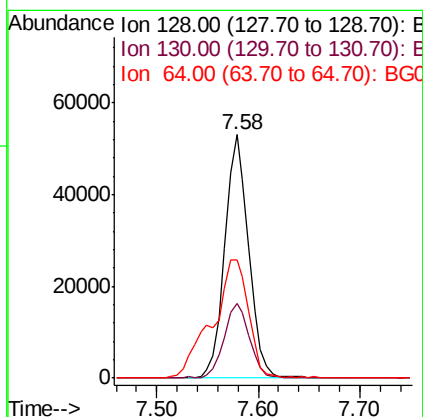
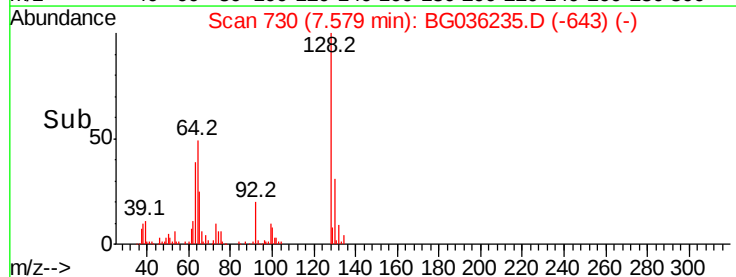
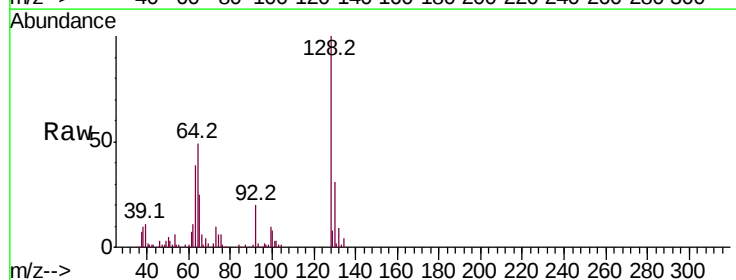
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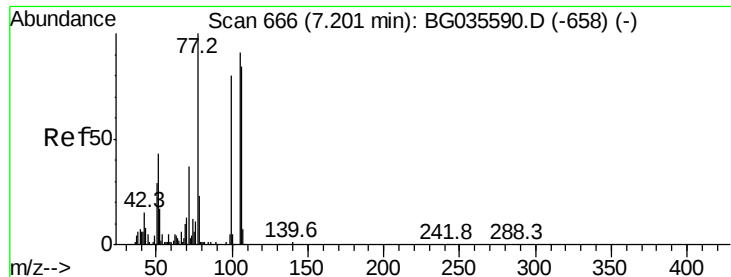
Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		86111		
130	30.5	14.0	54.0		
64	48.5	37.7	77.7		





#9

Benzaldehyde

Concen: 30.389 ng

RT: 7.16 min Scan# 658

Delta R.T. -0.01 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

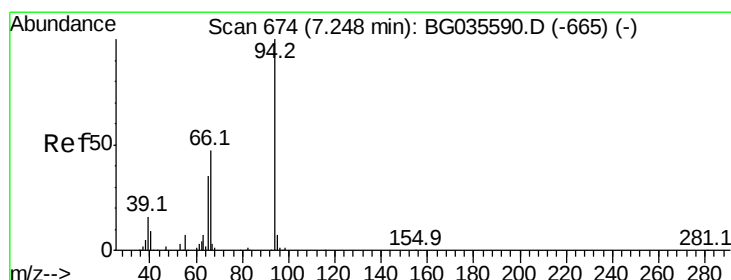
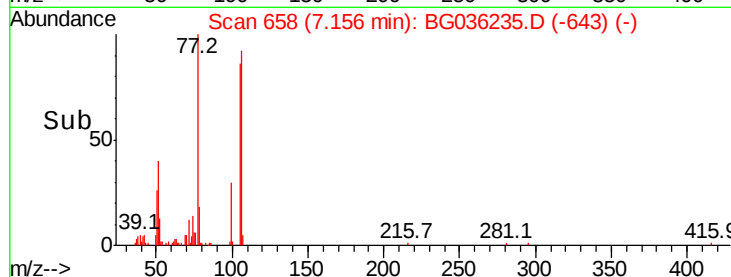
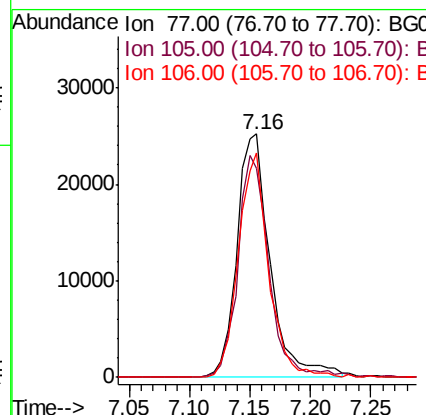
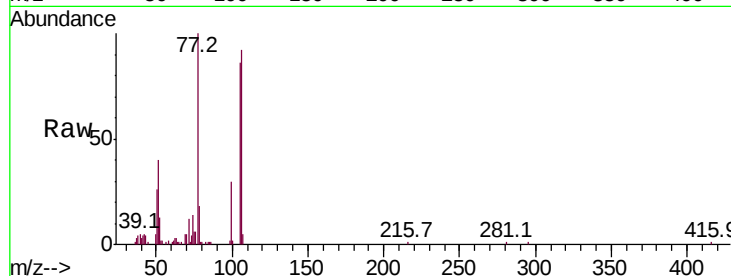
ClientSampleId :

PB111891BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	86.0	71.3	111.3	
106	92.0	64.2	104.2	

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#10

Phenol

Concen: 47.643 ng

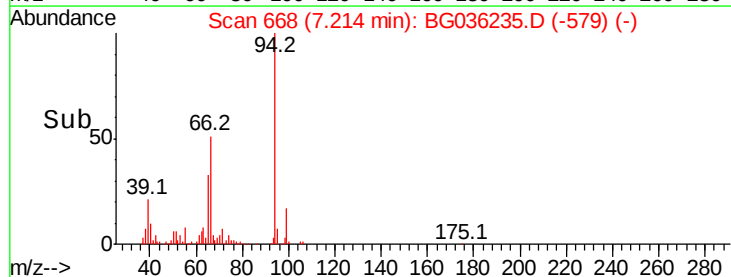
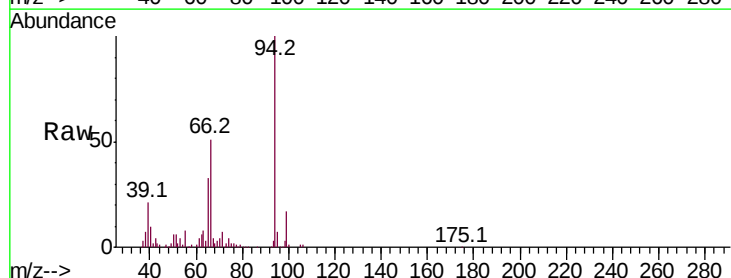
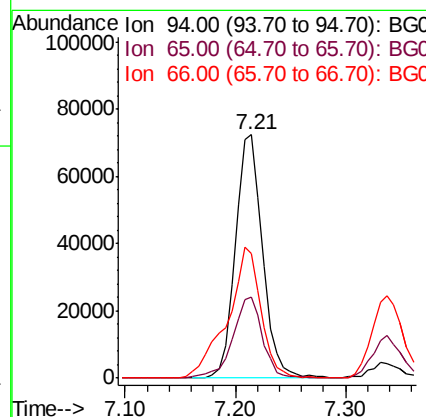
RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	33.3	11.9	51.9	
66	51.3	22.2	62.2	





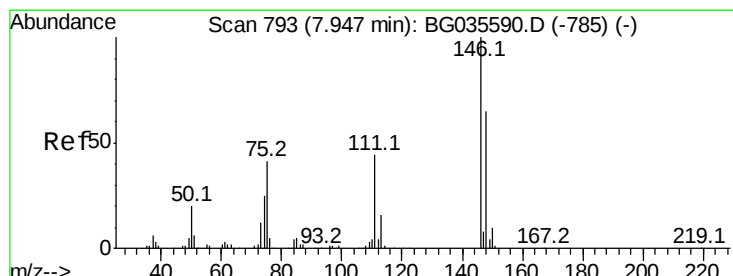
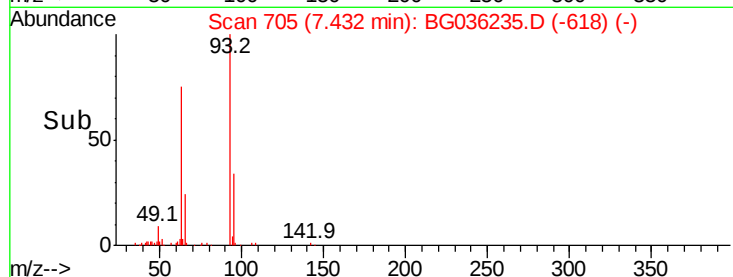
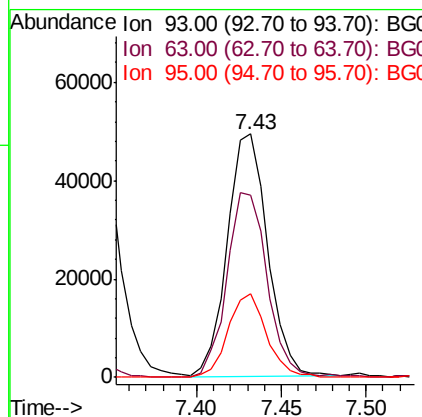
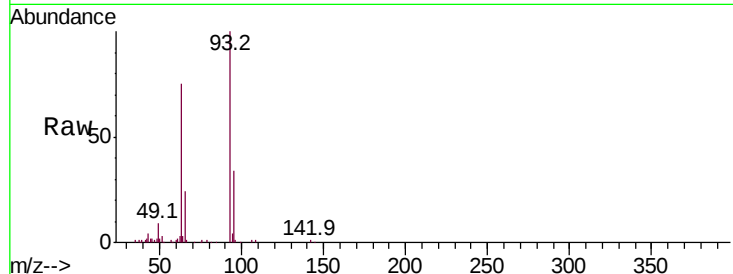
#11
bis(2-Chloroethyl)ether
Concen: 39.687 ng
RT: 7.43 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Instrument :
BNA_G
ClientSampleId :
PB111891BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.6	67.1	107.1
95	34.4	11.5	51.5

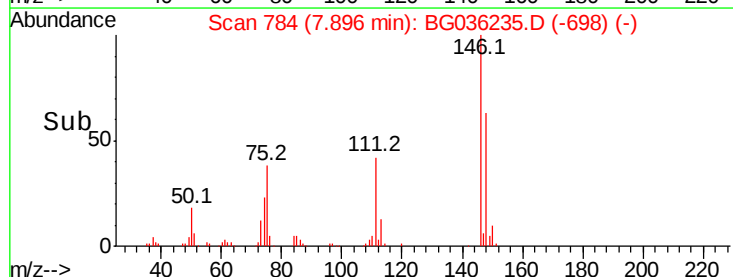
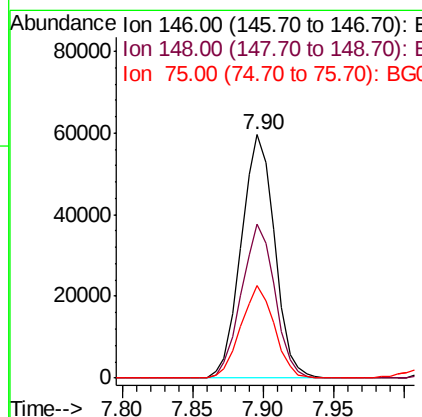
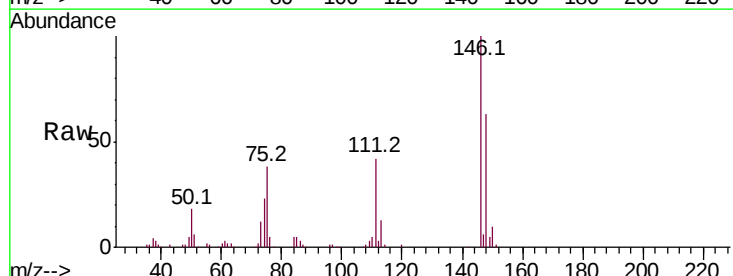
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#12
1,3-Dichlorobenzene
Concen: 46.233 ng
RT: 7.90 min Scan# 784
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.2
75	37.9	26.6	39.8





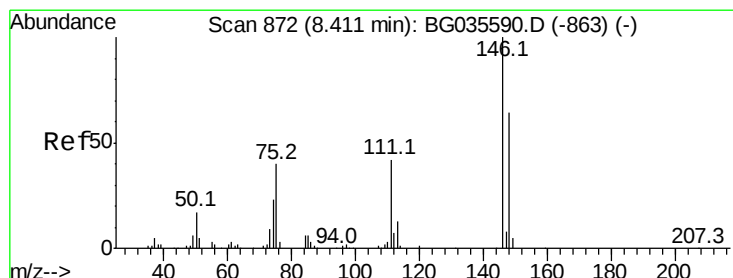
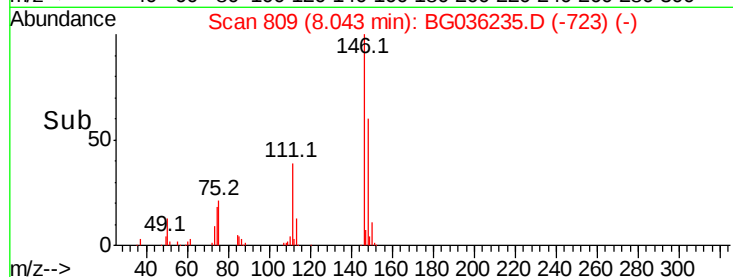
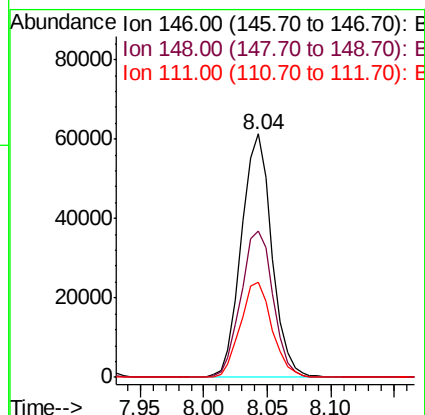
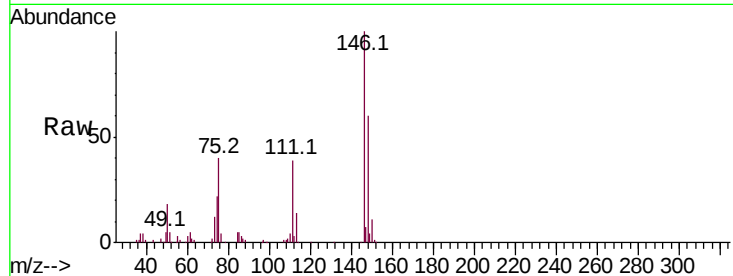
#13
 1,4-Dichlorobenzene
 Concen: 46.942 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB111891BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	102007		
148	59.9		53.7	80.5
111	39.2		35.2	52.8

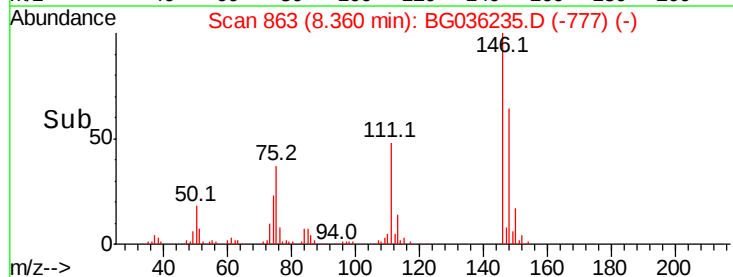
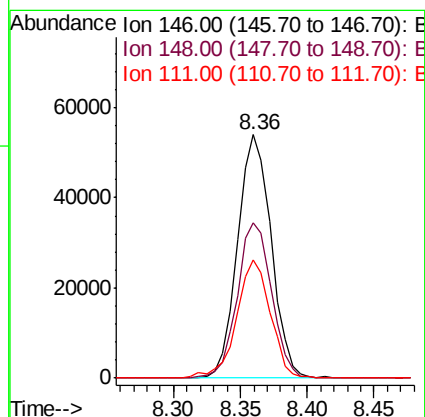
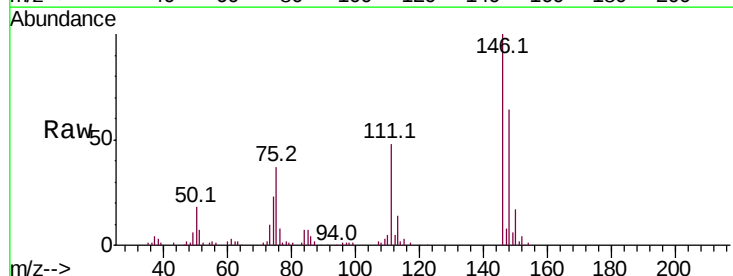
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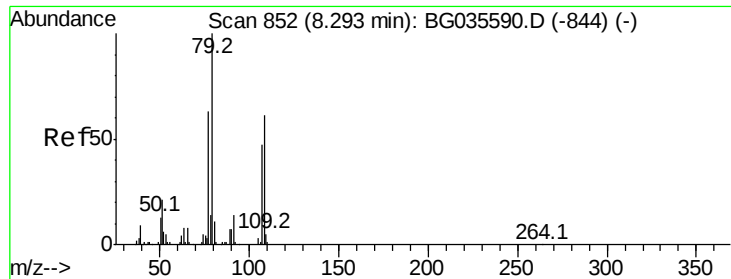
Sohil
 8/10/2018 4:01:45 PM



#14
 1,2-Dichlorobenzene
 Concen: 45.018 ng
 RT: 8.36 min Scan# 863
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	93979		
148	64.0		49.3	73.9
111	48.4		34.3	51.5





#15

Benzyl Alcohol

Concen: 41.162 ng

RT: 8.25 min Scan# 844

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

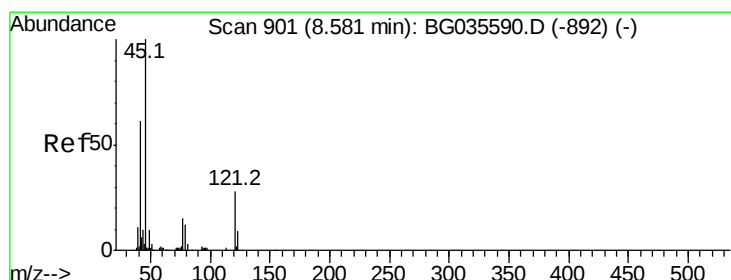
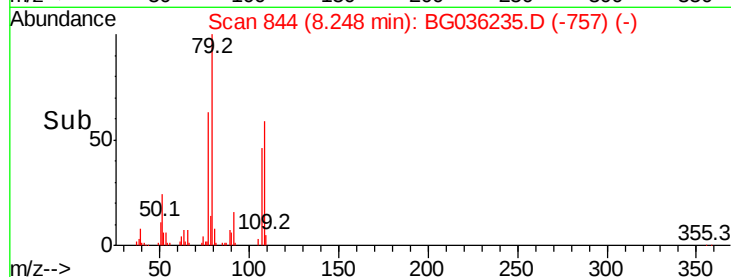
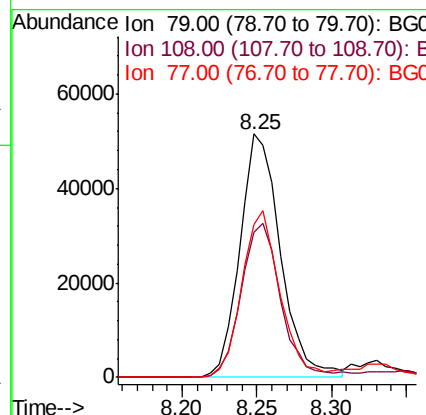
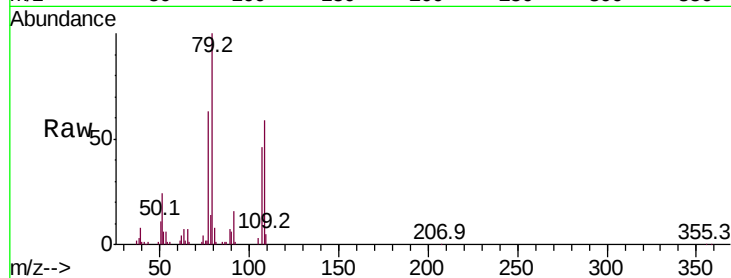
ClientSampleId :

PB111891BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	59.4	57.2	85.8
77	62.5	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.171 ng

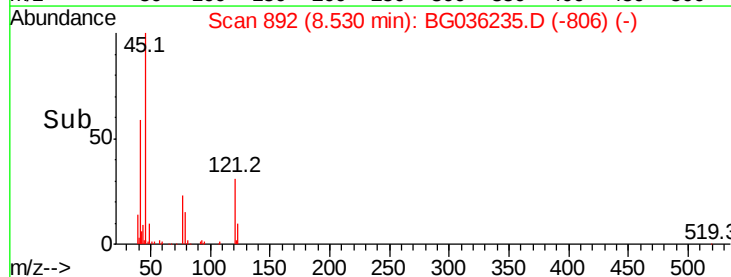
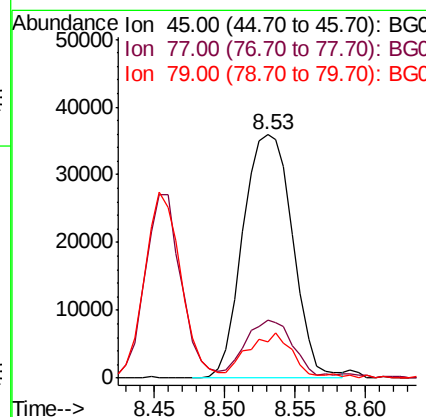
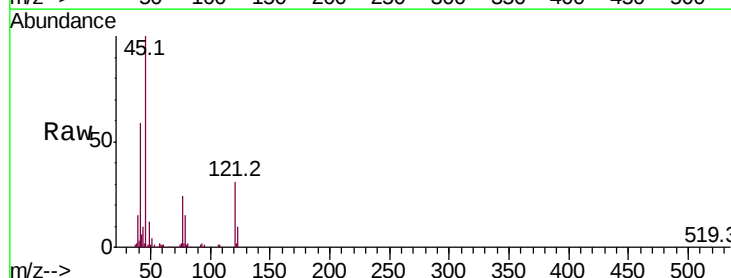
RT: 8.53 min Scan# 892

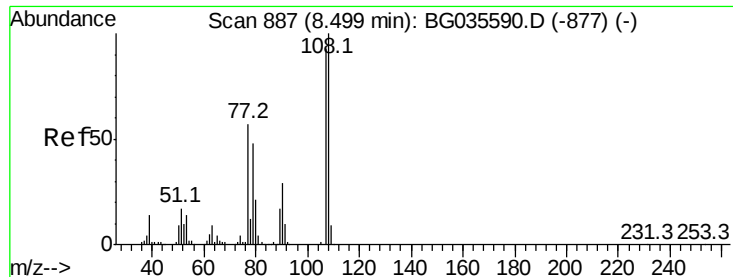
Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.7	0.0	30.2
79	15.0	0.0	27.9





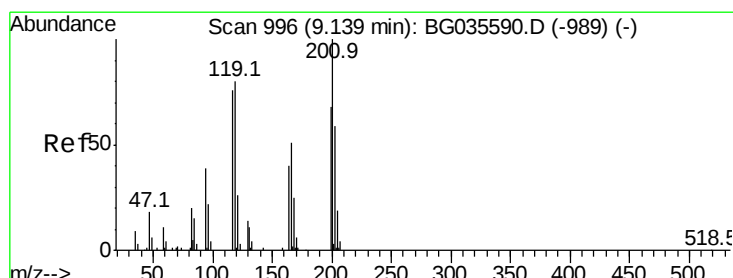
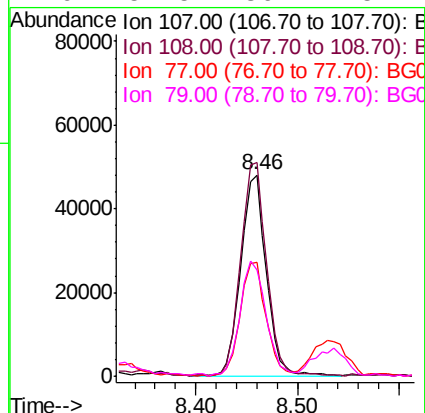
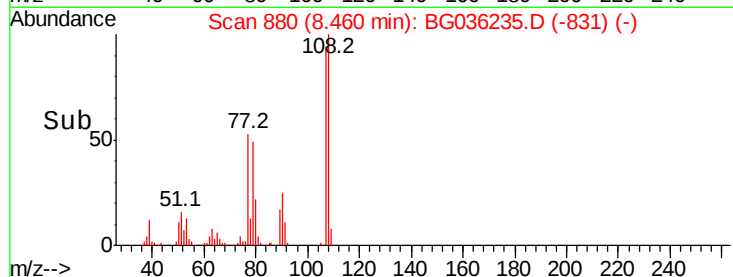
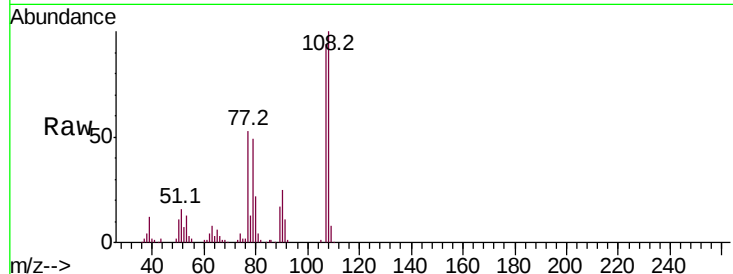
#17
2-Methylphenol
Concen: 47.579 ng
RT: 8.46 min Scan# 880
Delta R.T. -0.01 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Instrument :
BNA_G
ClientSampleId :
PB111891BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.0	83.9	125.9	
77	56.3	37.2	55.8	
79	52.5	36.2	54.2	

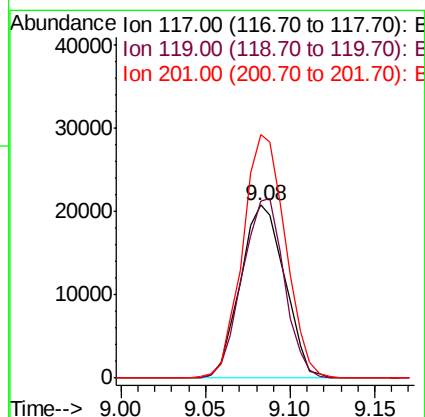
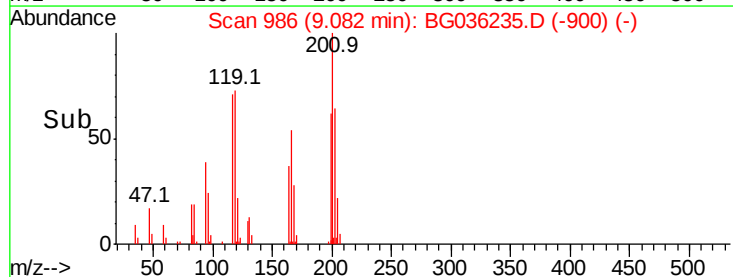
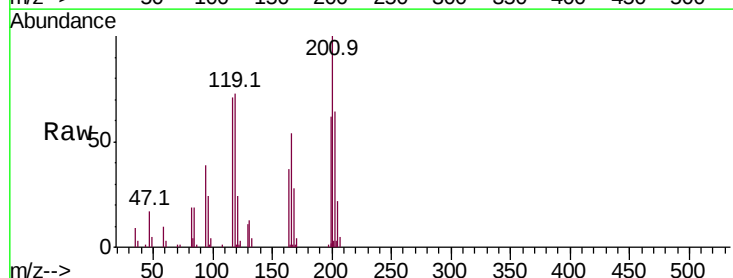
Manual Integrations
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#18
Hexachloroethane
Concen: 45.652 ng
RT: 9.08 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	102.5	76.7	115.1	
201	140.7	95.7	143.5	





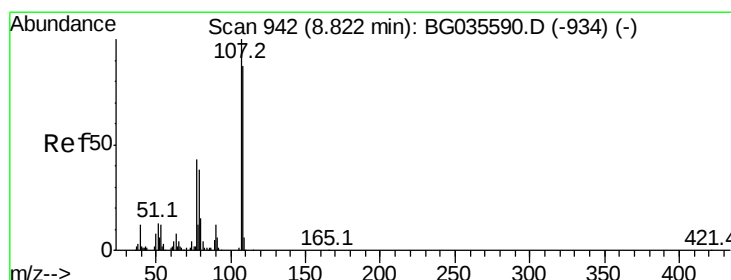
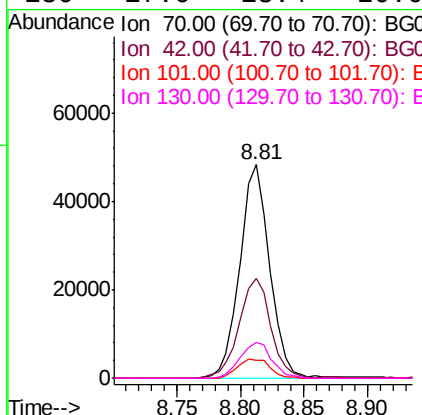
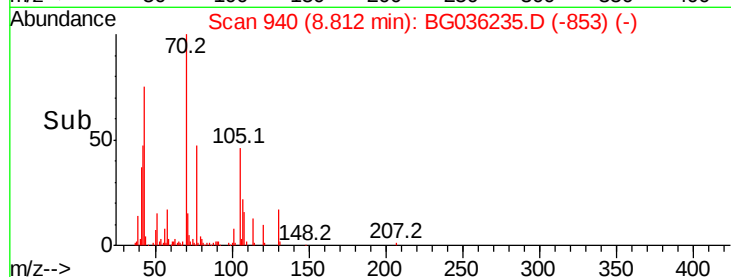
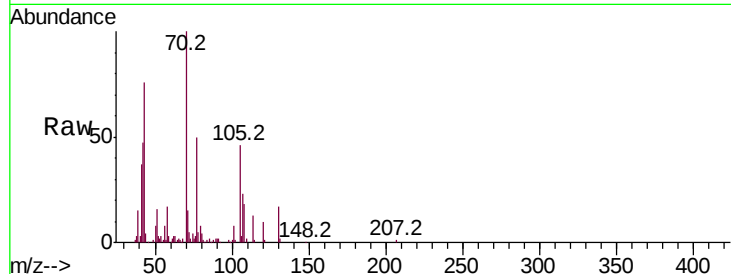
#19
n-Nitroso-di-n-propylamine
Concen: 36.032 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Instrument :
BNA_G
ClientSampleId :
PB111891BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	46.9	49.1	73.7#		
101	8.3	8.5	12.7#		
130	17.0	13.4	20.0		

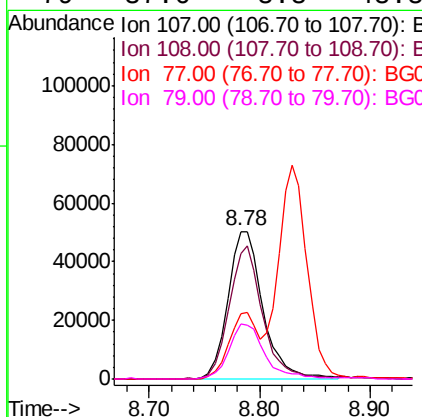
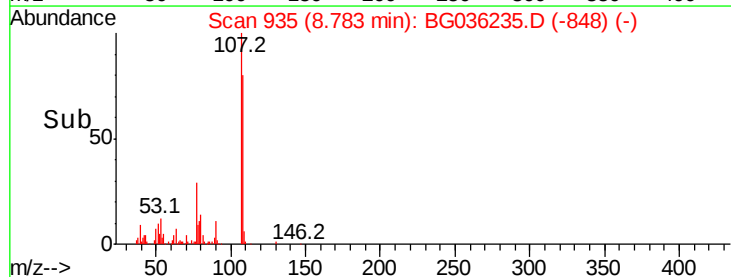
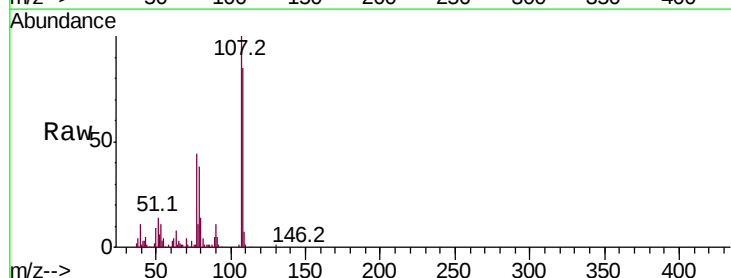
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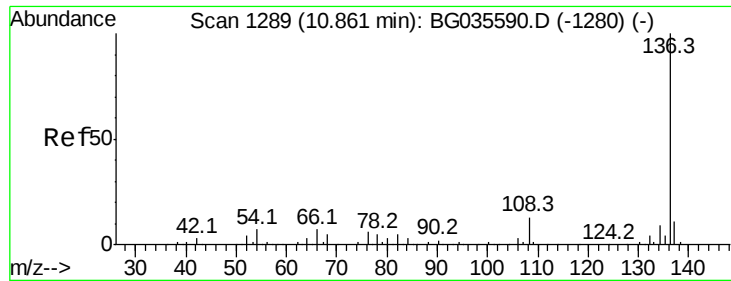
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#20
3+4-Methylphenols
Concen: 45.200 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.3	61.6	101.6		
77	44.4	13.9	53.9		
79	37.6	8.8	48.8		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

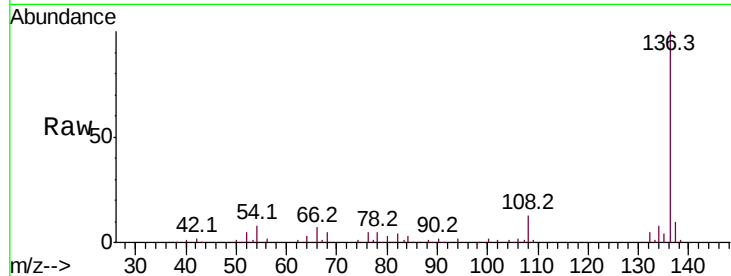
ClientSampleId :

PB111891BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.0	9.2	13.8	
54	8.0	10.3	15.5	
68	4.8	4.5	6.7	

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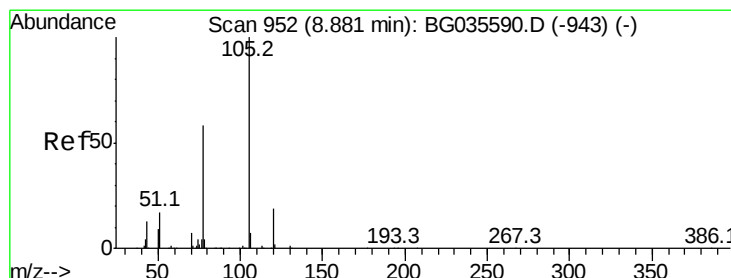
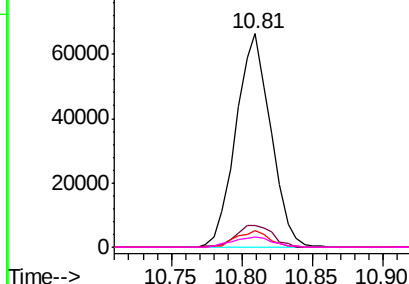
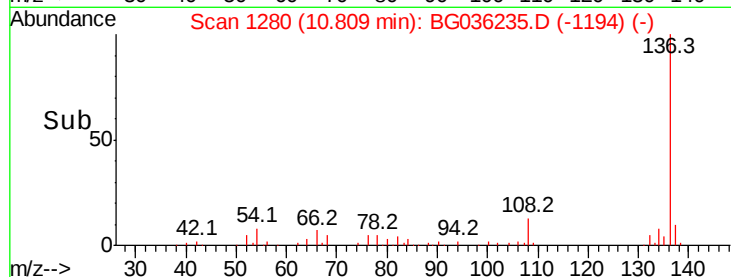
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.368 ng

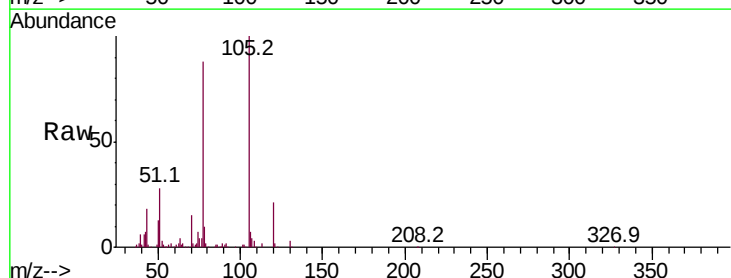
RT: 8.83 min Scan# 943

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.0	3.0	4.4	
51	27.8	26.1	39.1	
120	21.1	17.4	26.2	



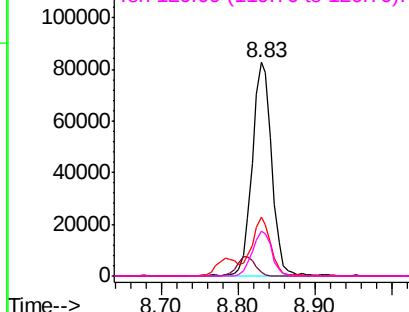
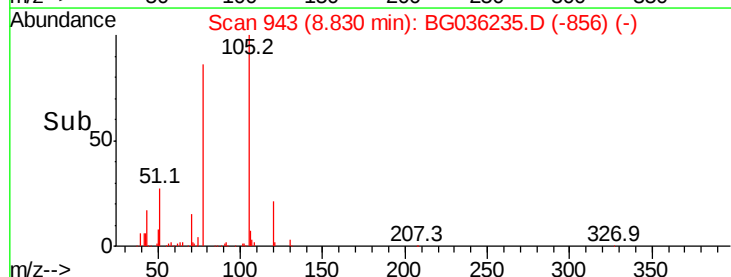
Abundance

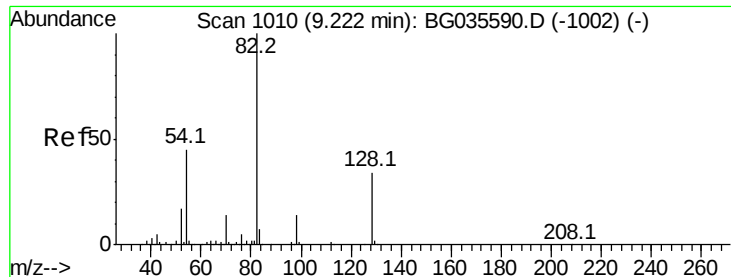
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





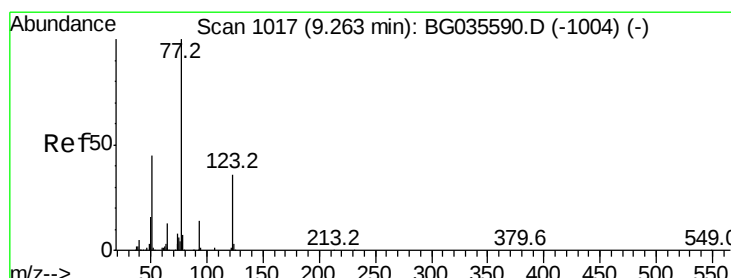
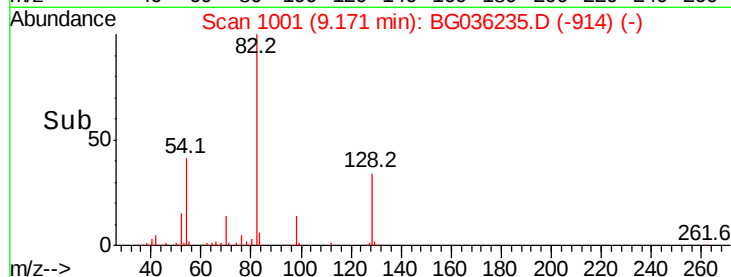
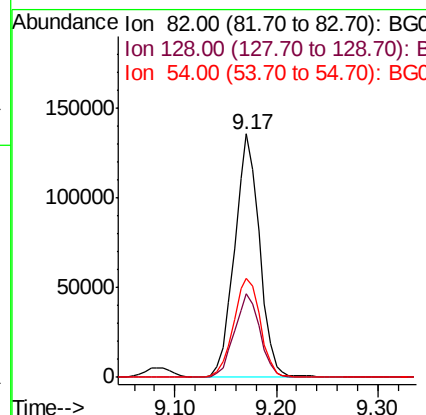
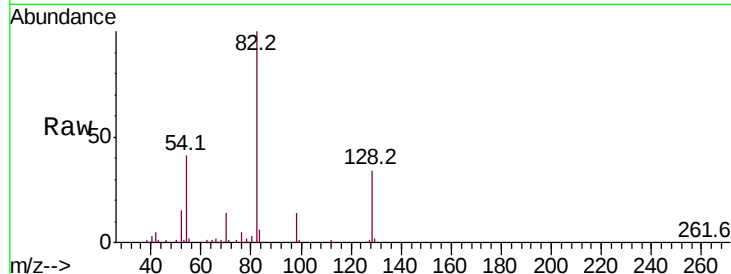
#23
Nitrobenzene-d5
Concen: 84.519 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Instrument :
BNA_G
ClientSampleId :
PB111891BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.3	29.7	44.5
54	40.8	43.1	64.7

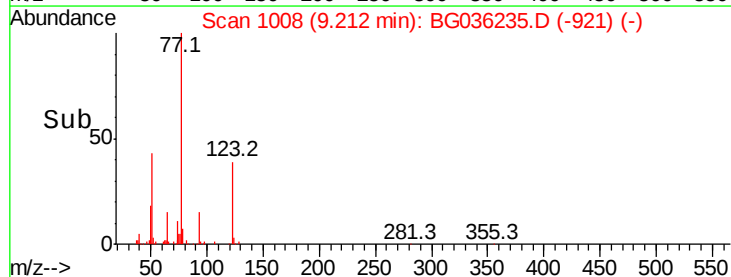
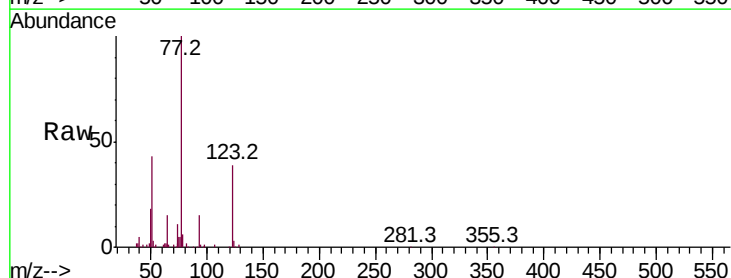
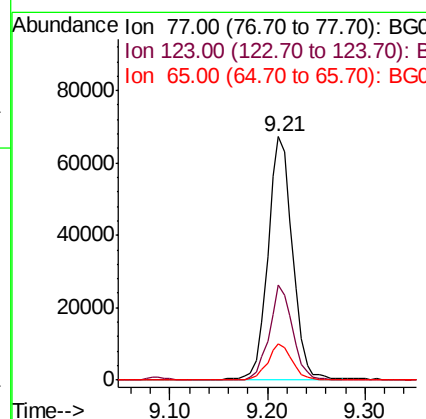
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#24
Nitrobenzene
Concen: 43.200 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.0	33.0	49.6
65	15.0	13.0	19.6





#25

Isophorone

Concen: 43.487 ng

RT: 9.73 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

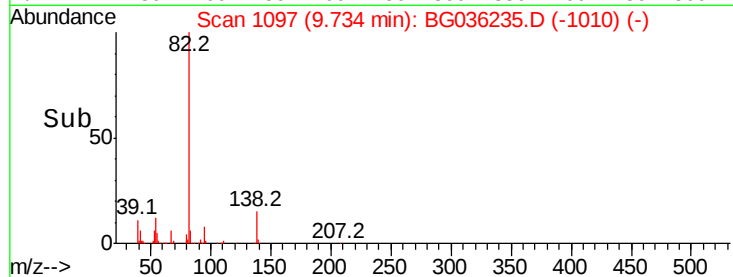
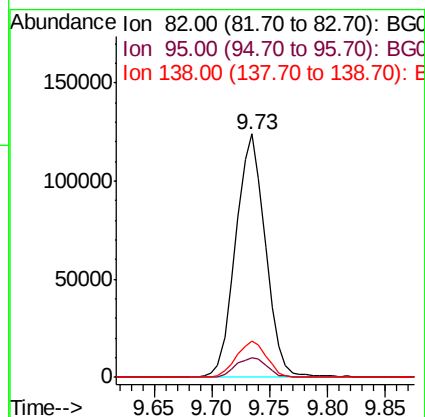
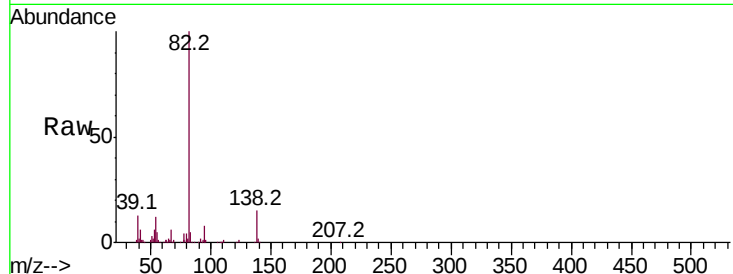
ClientSampleId :

PB111891BS

Tot Ion	82	Resp	220948
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.2	9.2
138	14.7	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 52.599 ng

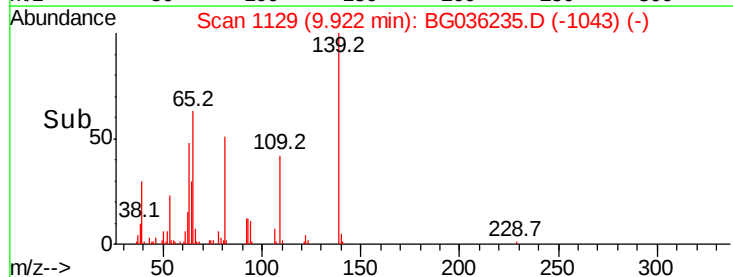
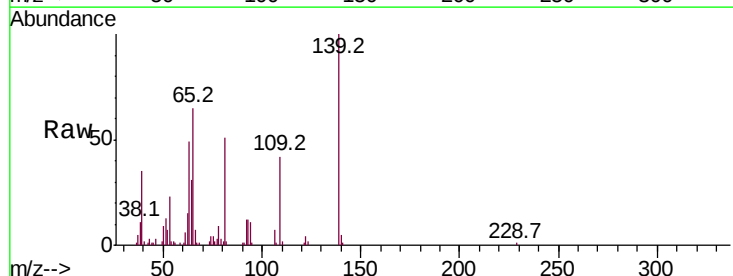
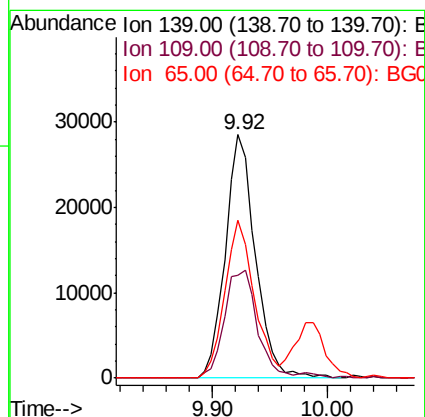
RT: 9.92 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Tgt Ion	139	Resp	51420
Ion Ratio	Lower	Upper	
139	100		
109	42.0	24.2	36.2#
65	65.0	47.4	71.0





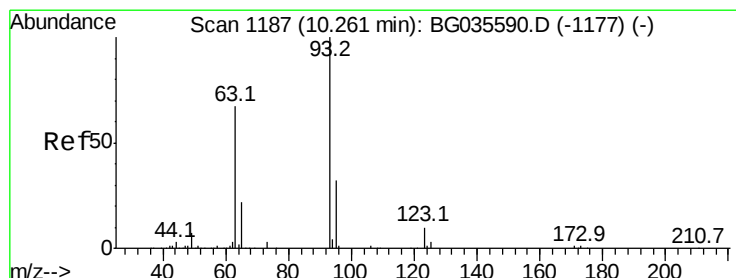
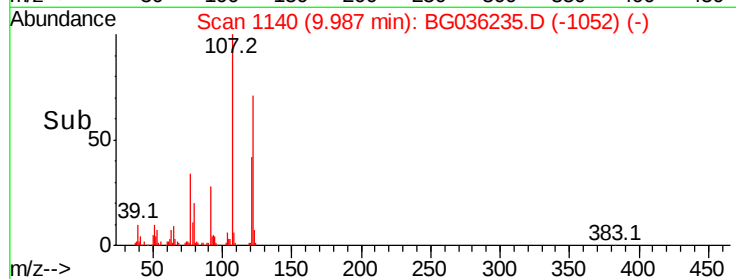
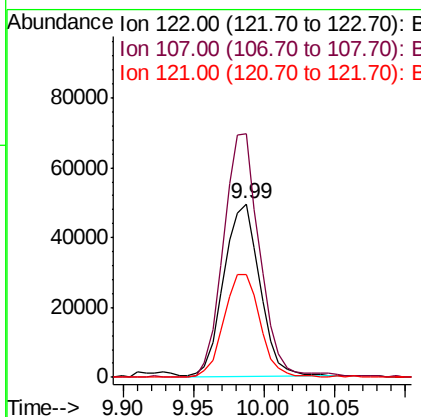
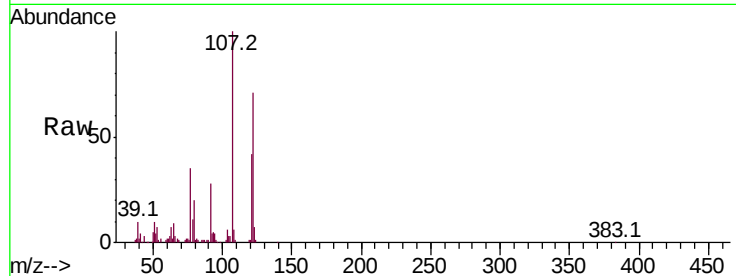
#27
2,4-Dimethylphenol
Concen: 53.390 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Instrument :
BNA_G
ClientSampleId :
PB111891BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	140.4	100.2	150.2
121	59.6	44.4	66.6

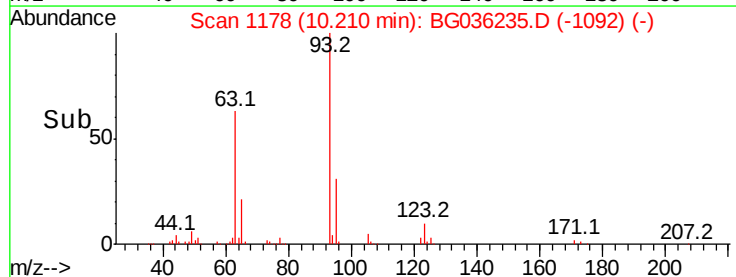
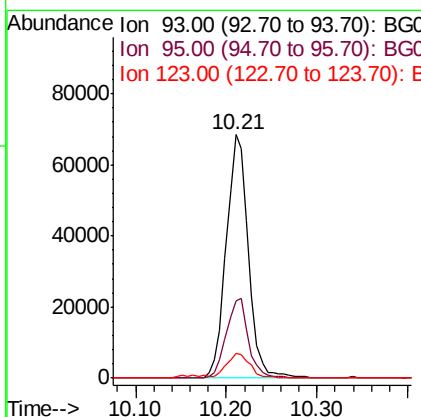
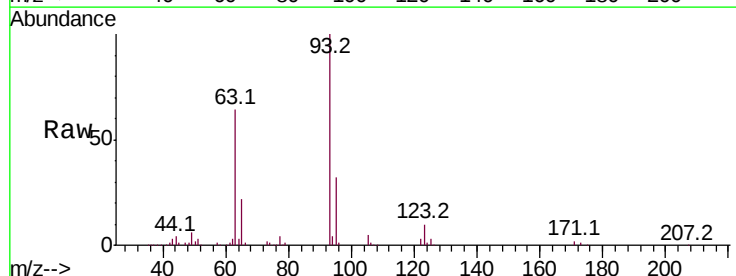
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#28
bis(2-Chloroethoxy)methane
Concen: 41.408 ng
RT: 10.21 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	24.3	36.5
123	10.3	8.4	12.6





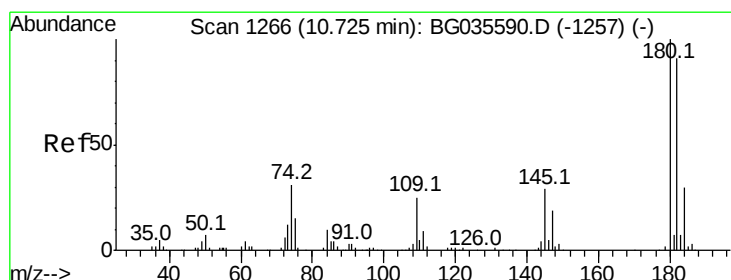
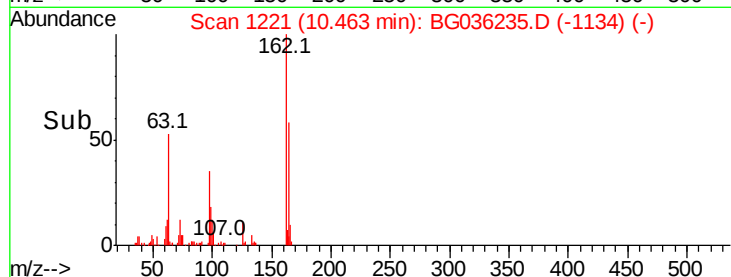
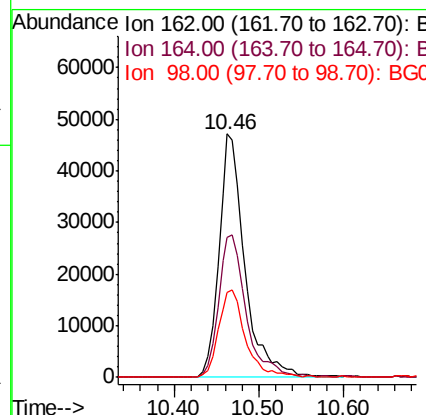
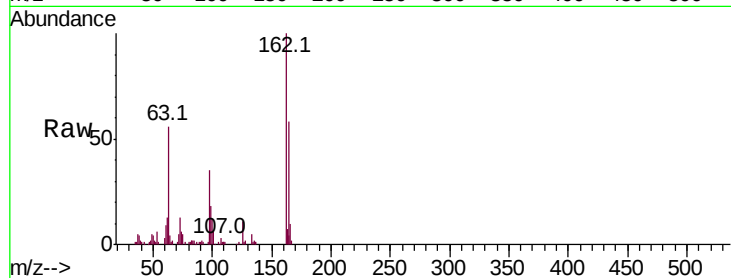
#29
2,4-Dichlorophenol
Concen: 53.273 ng
RT: 10.46 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Instrument :
BNA_G
ClientSampleId :
PB111891BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	57.7	48.0	88.0	
98	34.8	21.1	61.1	

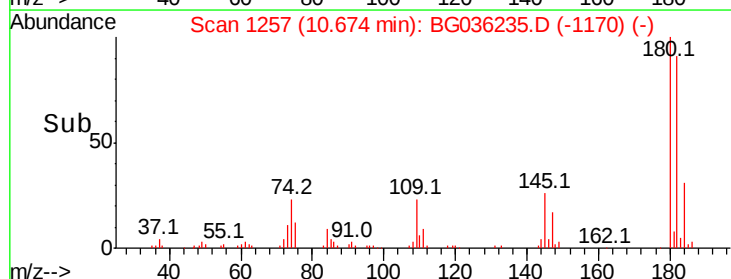
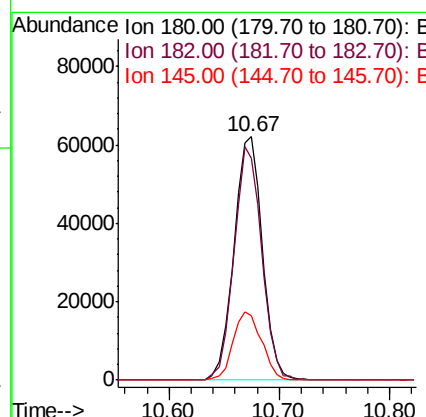
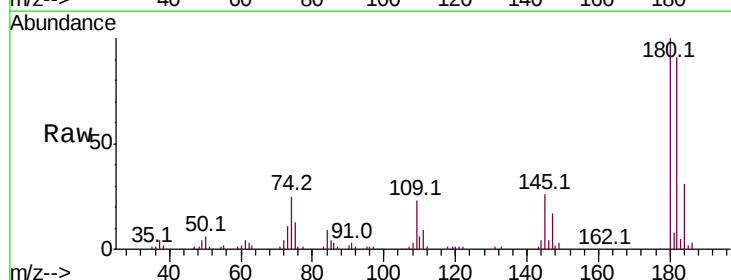
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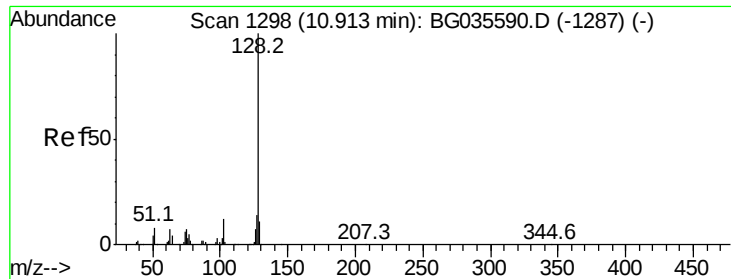
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#30
1,2,4-Trichlorobenzene
Concen: 48.128 ng
RT: 10.67 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	91.3	77.5	116.3	
145	26.2	23.4	35.2	





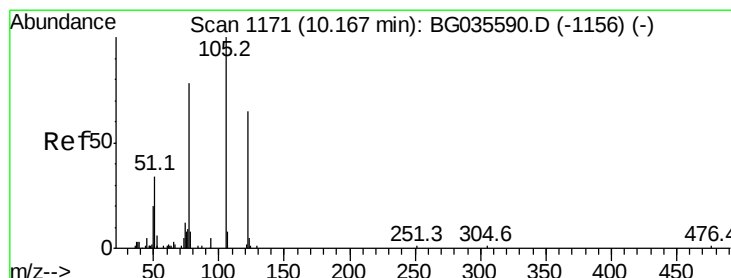
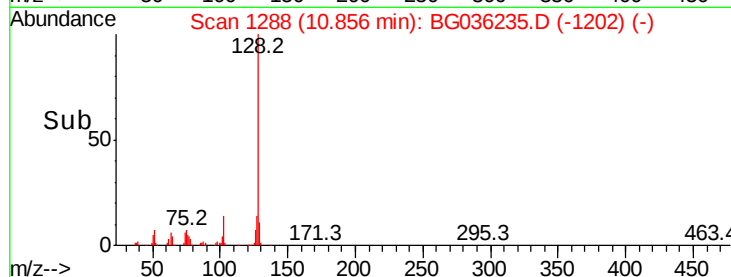
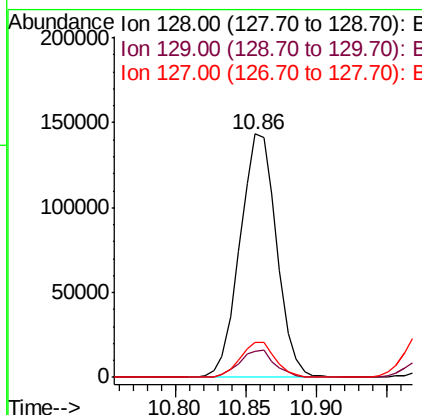
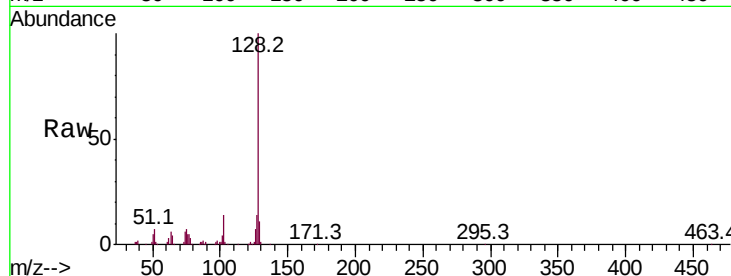
#31
Naphthalene
Concen: 43.731 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Instrument :
BNA_G
ClientSampleId :
PB111891BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.7	8.6	12.8	
127	14.4	11.6	17.4	

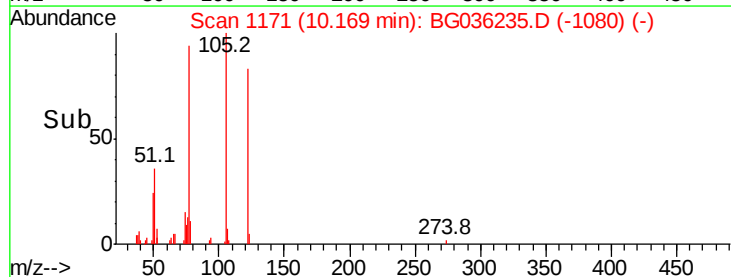
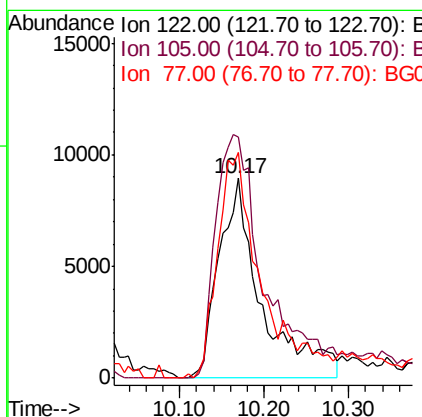
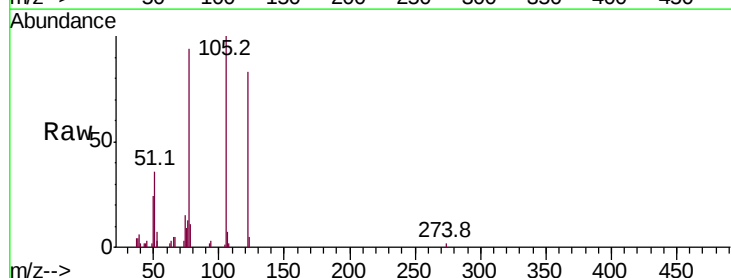
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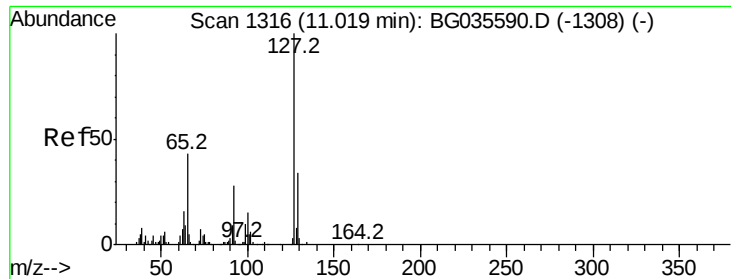
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#32
Benzoic acid
Concen: 28.131 ng m
RT: 10.17 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	120.6	123.5	163.5#	
77	112.9	85.7	125.7	





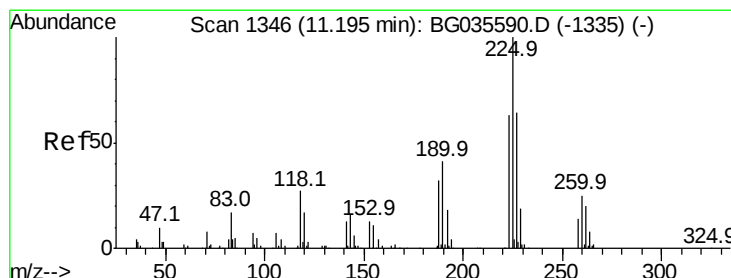
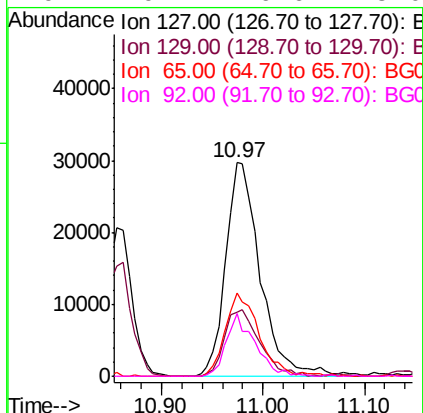
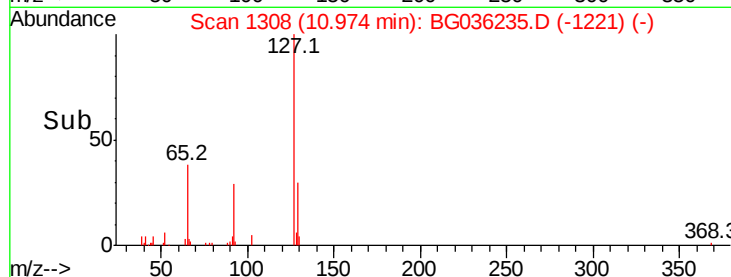
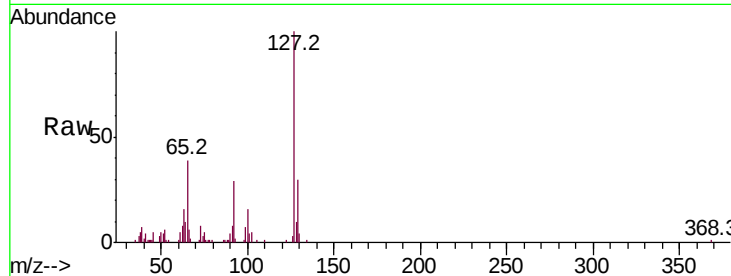
#33
4-Chloroaniline
Concen: 26.978 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Instrument :
BNA_G
ClientSampleId :
PB111891BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.8	24.0	36.0
65	38.8	27.0	40.4
92	29.2	16.6	25.0

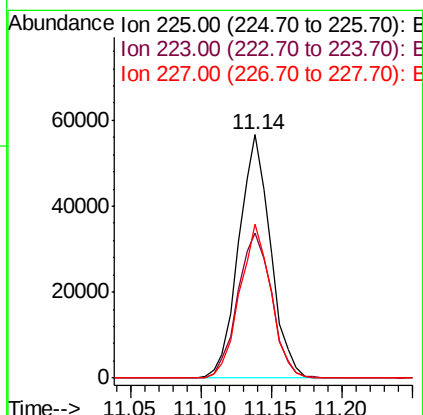
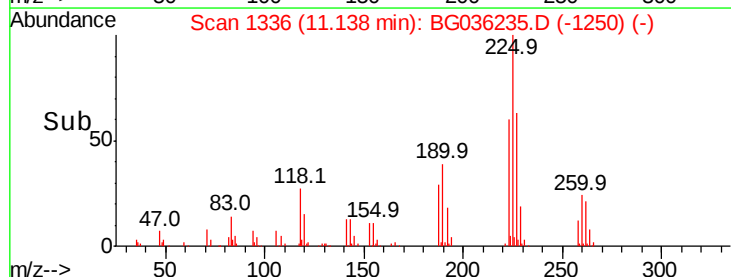
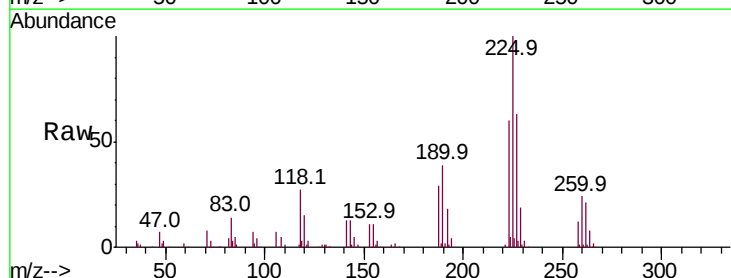
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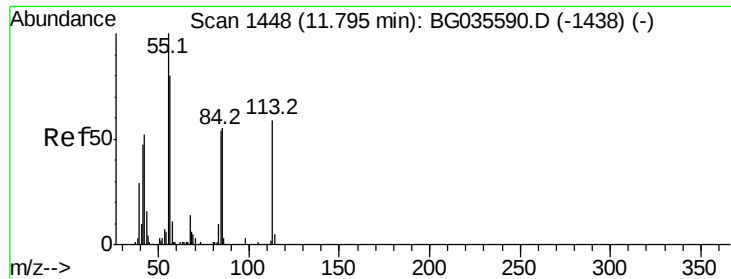
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#34
Hexachlorobutadiene
Concen: 49.345 ng
RT: 11.14 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.6	49.7	74.5
227	63.1	48.1	72.1





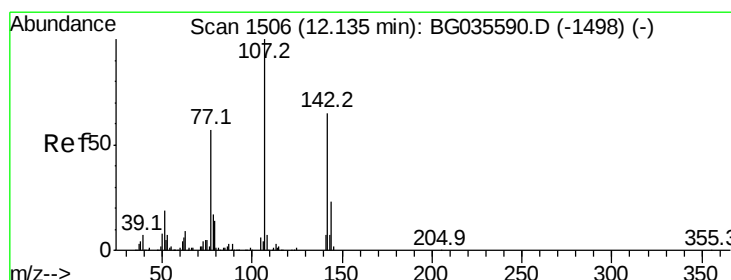
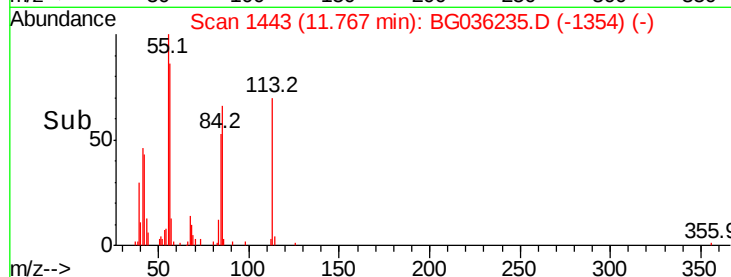
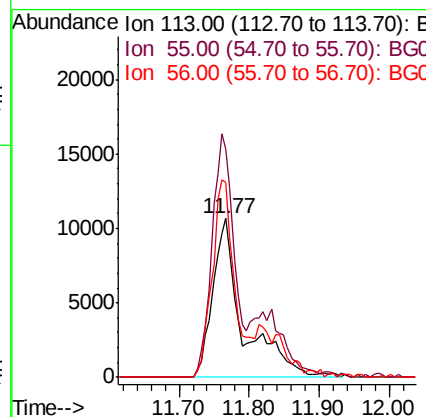
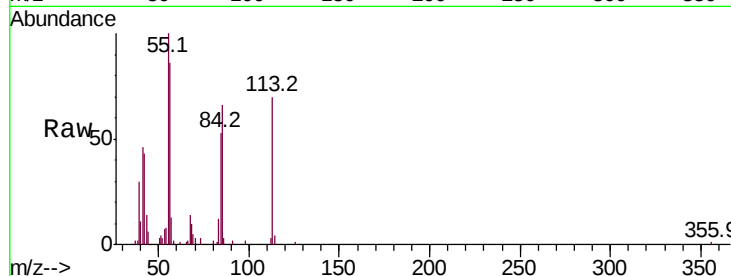
#35
Caprolactam
Concen: 39.774 ng/ml
RT: 11.77 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Instrument :
BNA_G
ClientSampleId :
PB111891BS

Tot Ion:113 Resp: 32241
Ion Ratio Lower Upper
113 100
55 143.7 186.9 226.9#
56 122.9 130.9 170.9#

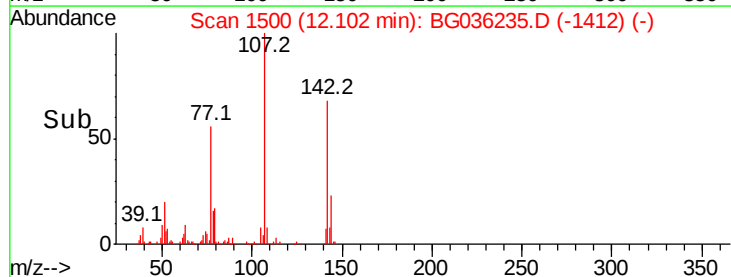
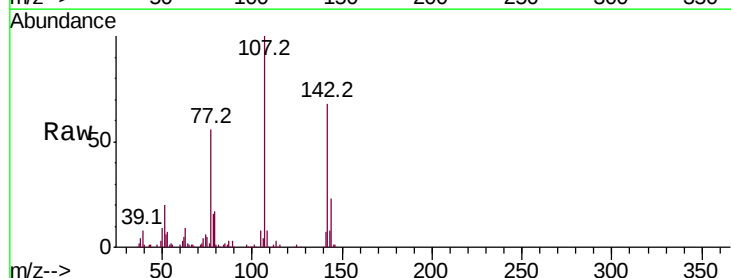
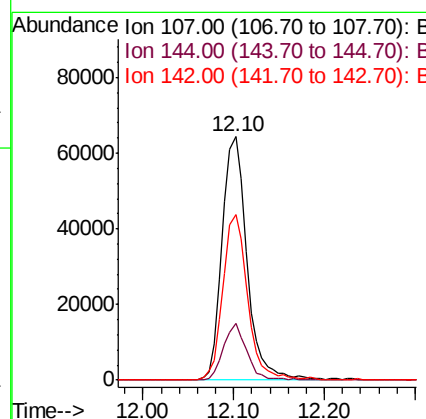
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#36
4-Chloro-3-methylphenol
Concen: 48.470 ng/ml
RT: 12.10 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion:107 Resp: 122725
Ion Ratio Lower Upper
107 100
144 23.3 18.2 27.4
142 68.2 59.0 88.4





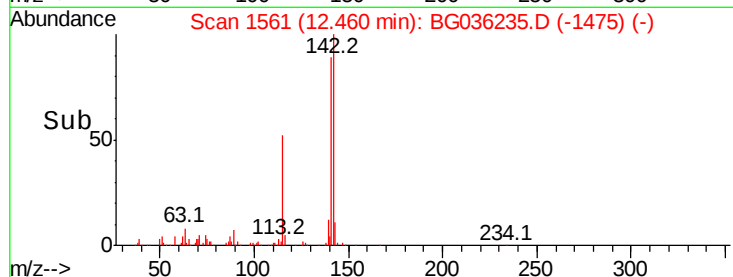
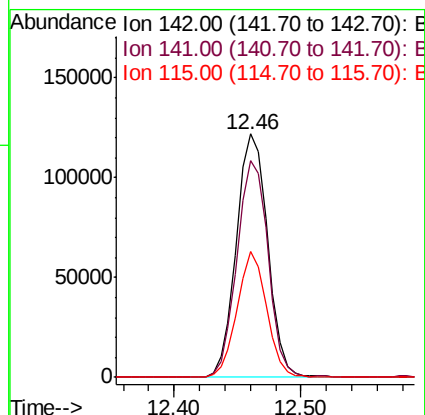
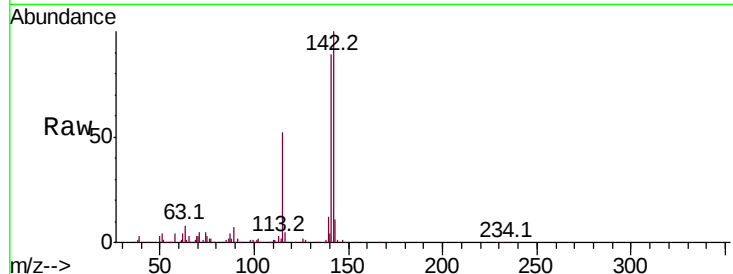
#37
2-Methylnaphthalene
Concen: 47.052 ng
RT: 12.46 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Instrument :
BNA_G
ClientSampleId :
PB111891BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	89.0	67.1	100.7	
115	51.7	30.7	46.1	

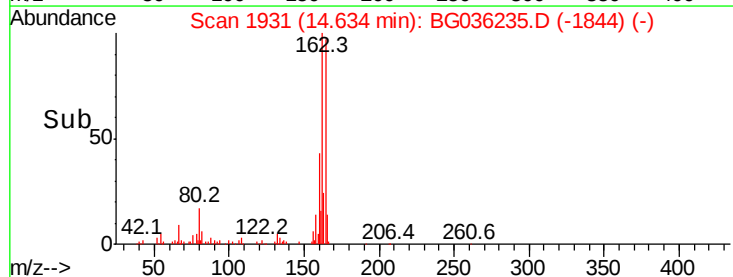
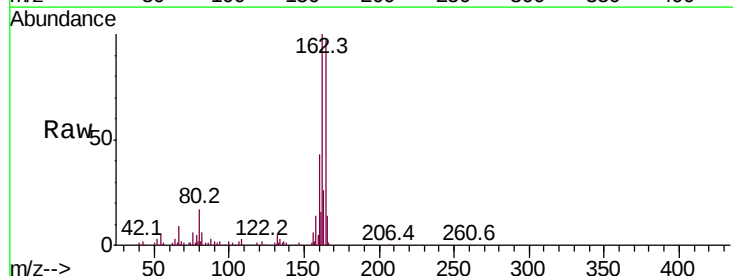
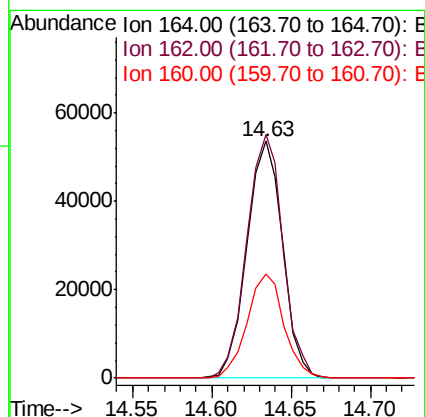
Manual Integrations
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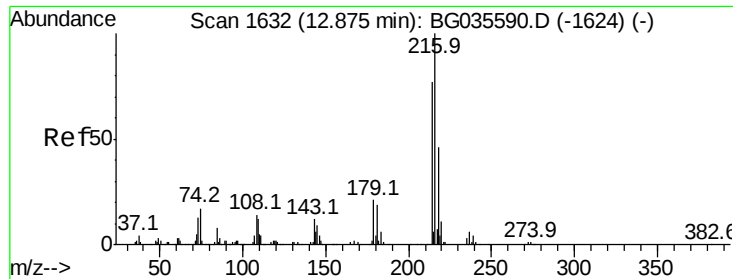
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.8	78.8	118.2	
160	43.8	35.4	53.0	





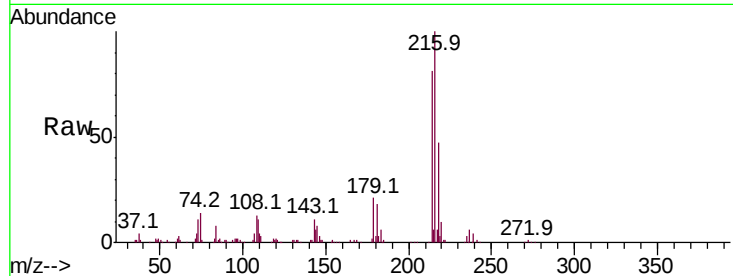
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.425 ng
 RT: 12.83 min Scan# 1624
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB111891BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.0	94.4	
179	19.7	17.0	25.6	
108	15.7	12.8	19.2	

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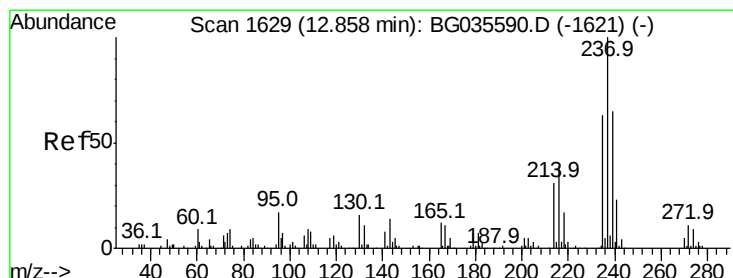
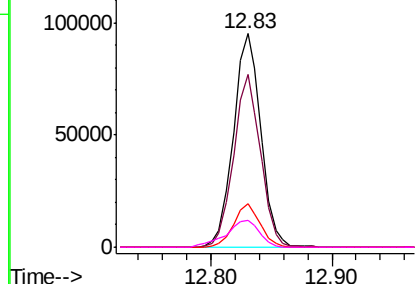
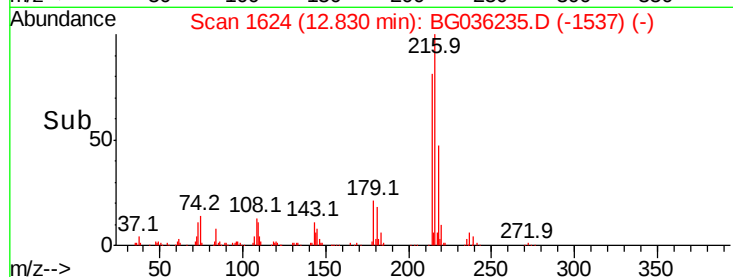
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

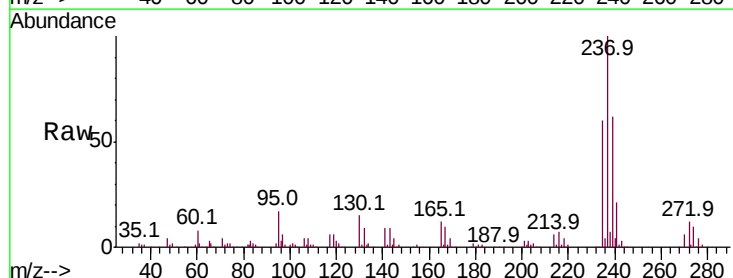
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 100.949 ng
 RT: 12.81 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	59.8	50.4	90.4	
272	12.0	0.0	31.8	

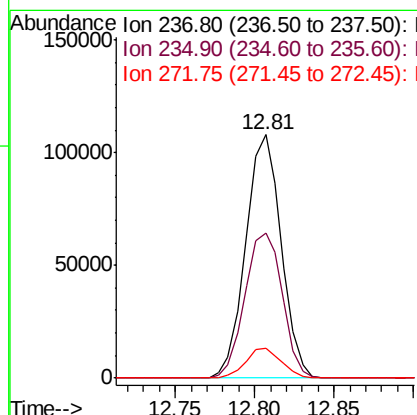
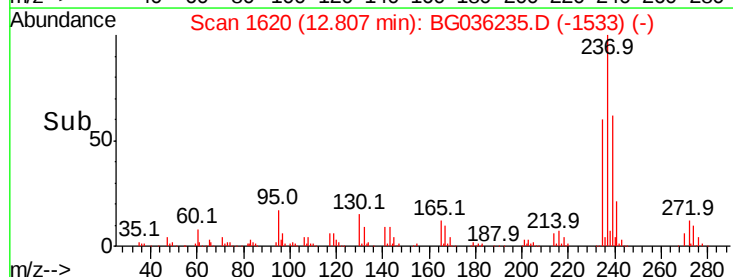


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





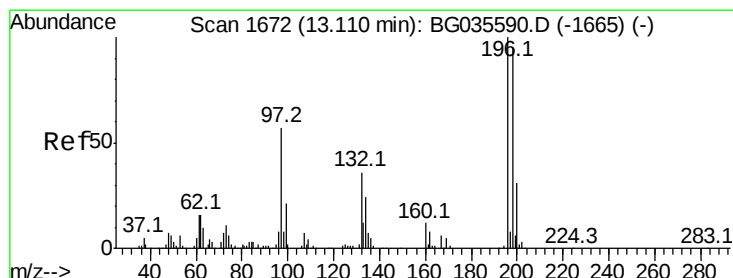
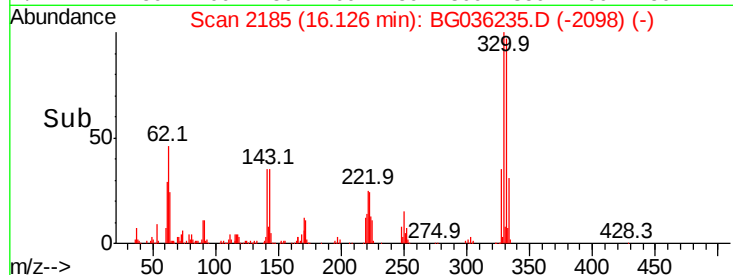
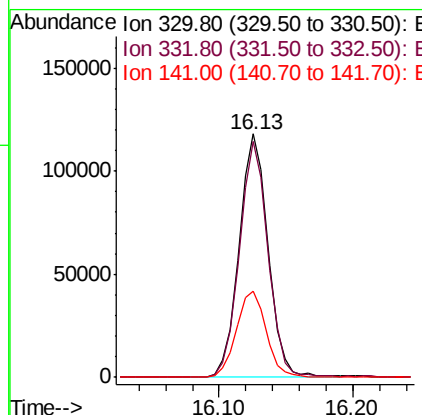
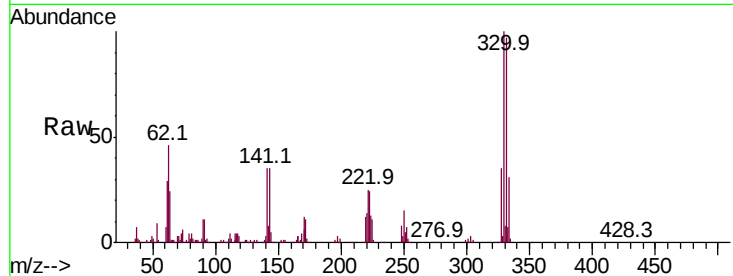
#41
 2,4,6-Tribromophenol
 Concen: 159.839 ng
 RT: 16.13 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB111891BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	36.8	25.2	37.8

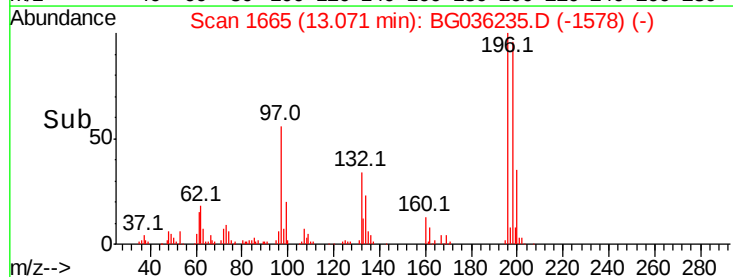
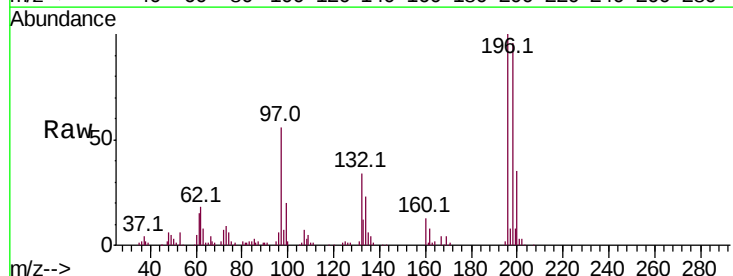
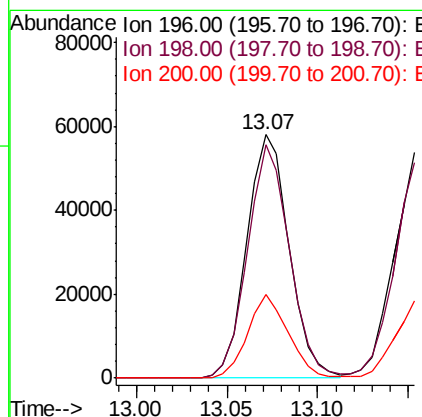
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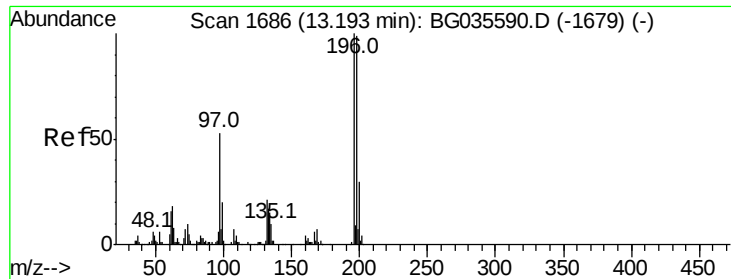
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#42
 2,4,6-Trichlorophenol
 Concen: 50.973 ng
 RT: 13.07 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	78.2	117.2
200	34.6	24.6	36.8





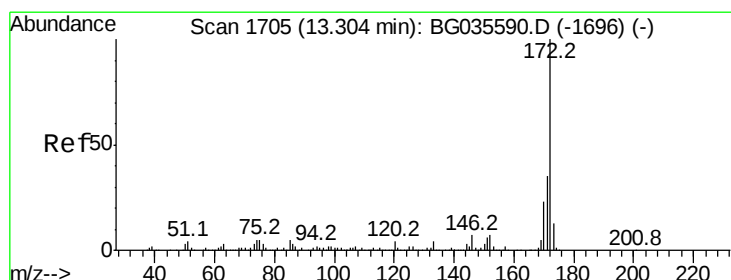
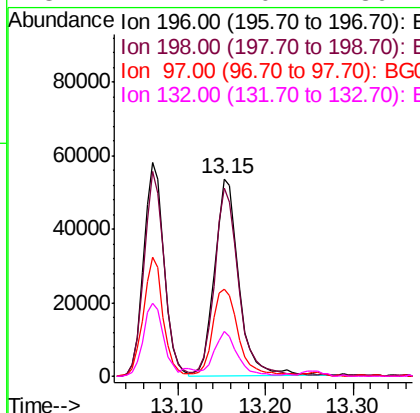
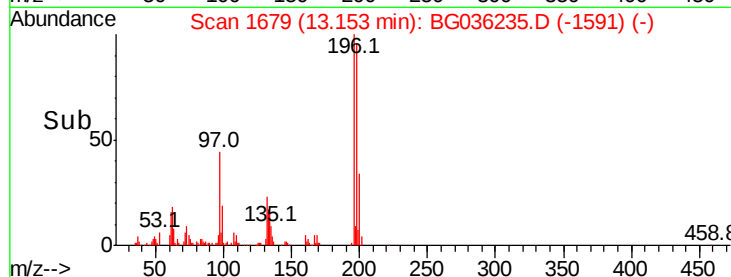
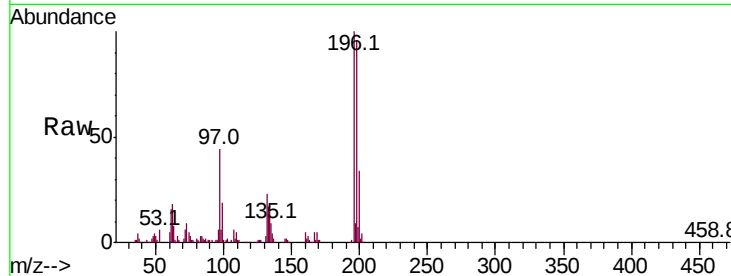
#43
 2,4,5-Trichlorophenol
 Concen: 50.007 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB111891BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	103534		
198	95.6	76.2	114.4	
97	44.2	38.7	58.1	
132	22.7	20.2	30.2	

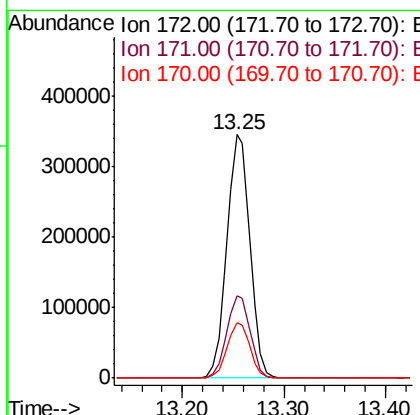
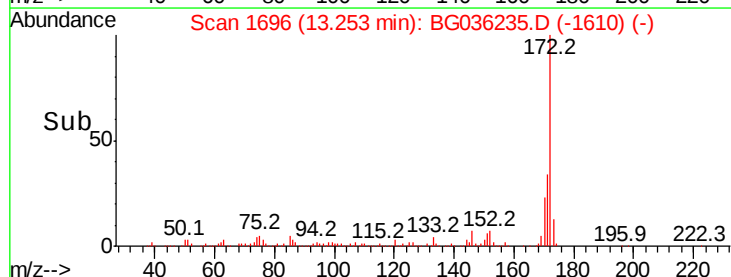
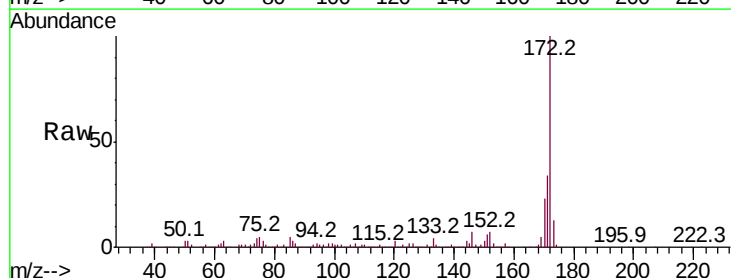
Manual Integrations
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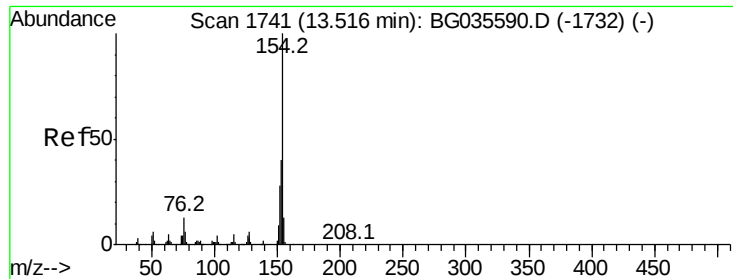
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#44
 2-Fluorobiphenyl
 Concen: 86.589 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	541911		
171	33.9	30.0	45.0	
170	22.5	19.5	29.3	





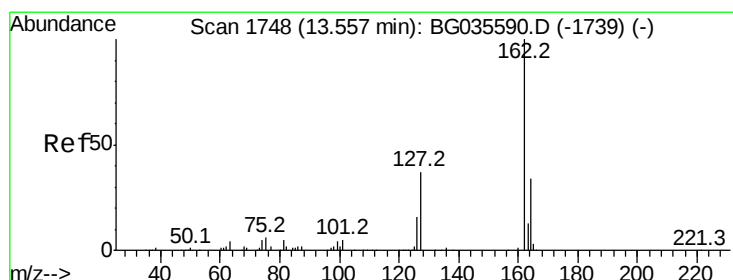
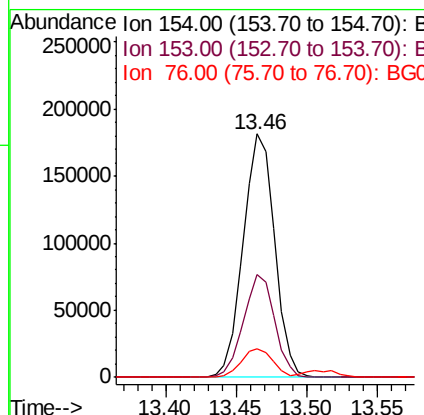
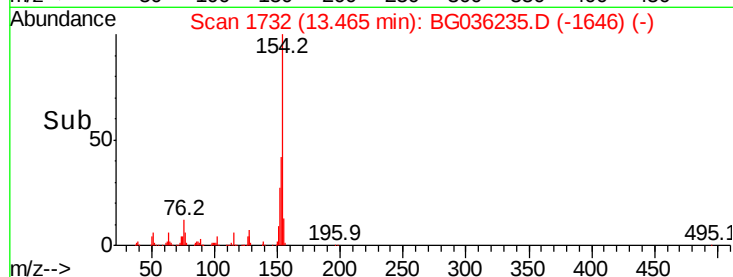
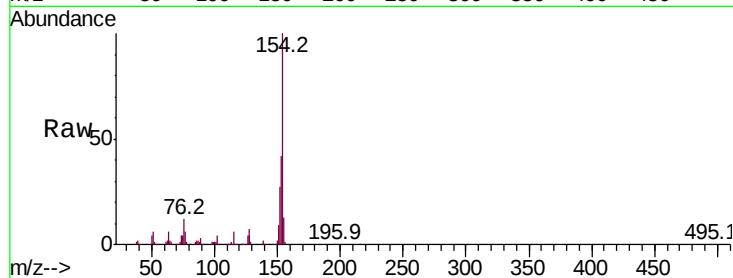
#45
 1,1'-Biphenyl
 Concen: 43.638 ng
 RT: 13.46 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Instrument :
 BNA_G
 ClientSampleID :
 PB111891BS

Tot Ion:	154	Resp:	283674
Ion Ratio	Lower	Upper	
154	100		
153	42.3	19.8	59.8
76	11.7	0.0	31.9

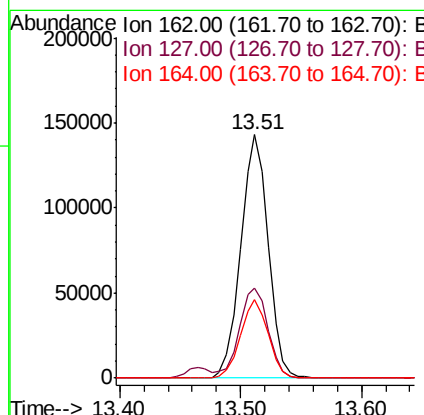
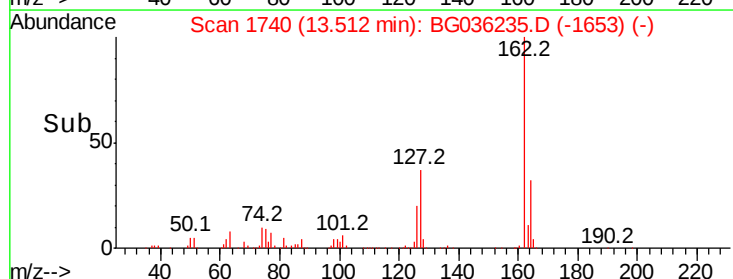
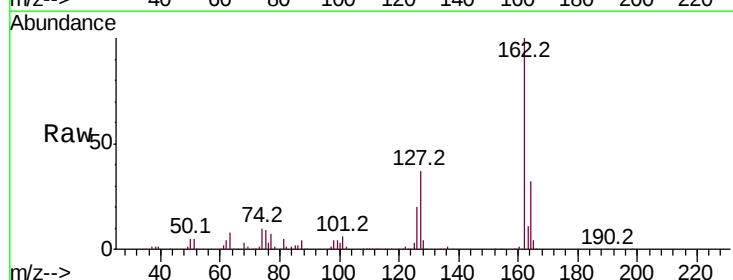
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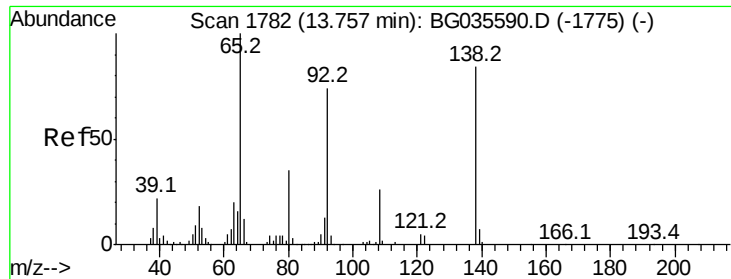
Sohil
 8/10/2018 4:01:45 PM



#46
 2-Chloronaphthalene
 Concen: 44.777 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Tgt Ion:	162	Resp:	226415
Ion Ratio	Lower	Upper	
162	100		
127	36.9	30.7	46.1
164	32.4	26.0	39.0





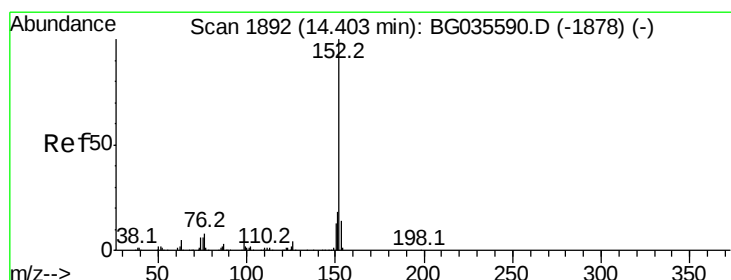
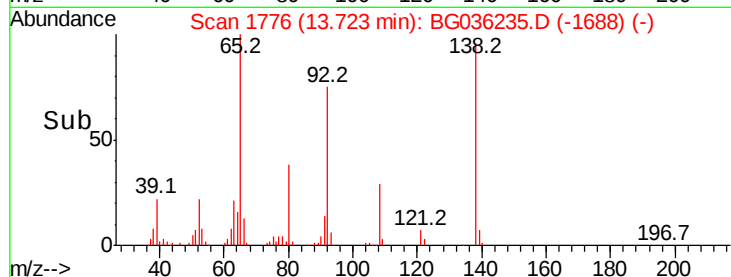
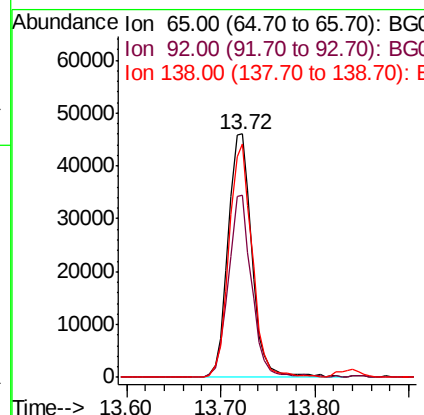
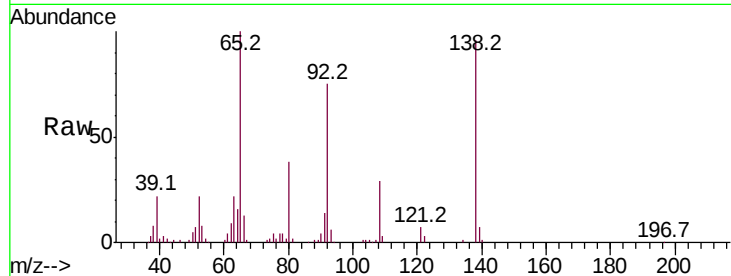
#47
2-Nitroaniline
Concen: 45.437 ng
RT: 13.72 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Instrument :
BNA_G
ClientSampleId :
PB111891BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.0	54.6	82.0
138	95.8	72.9	109.3

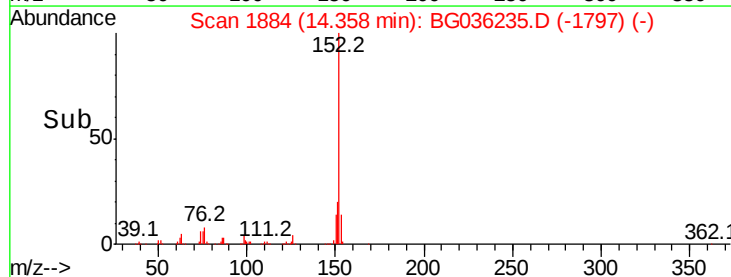
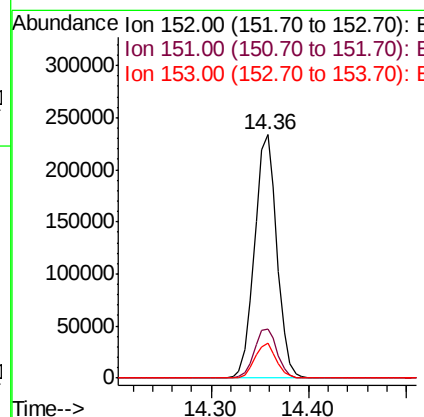
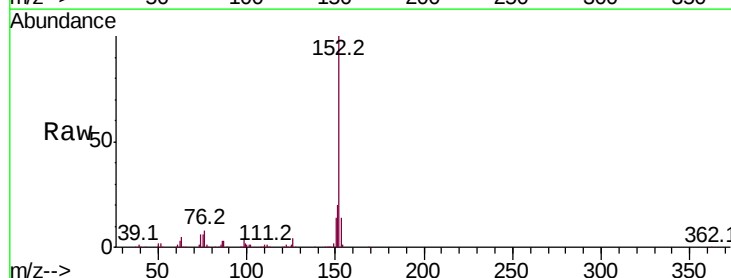
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#48
Acenaphthylene
Concen: 44.340 ng
RT: 14.36 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.2	25.8
153	14.3	10.2	15.4





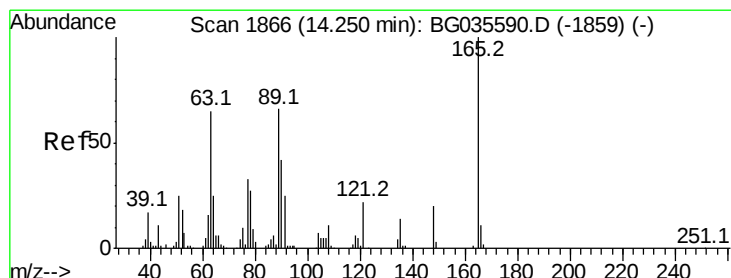
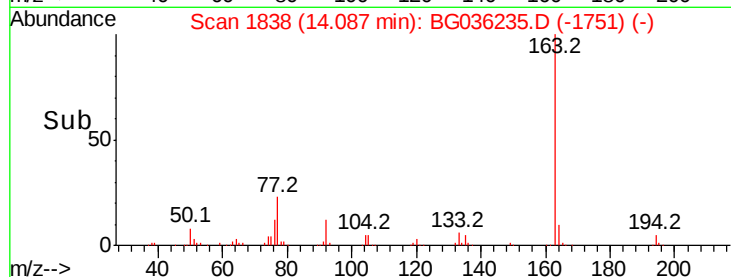
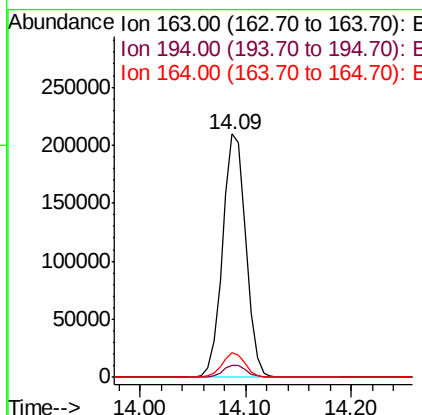
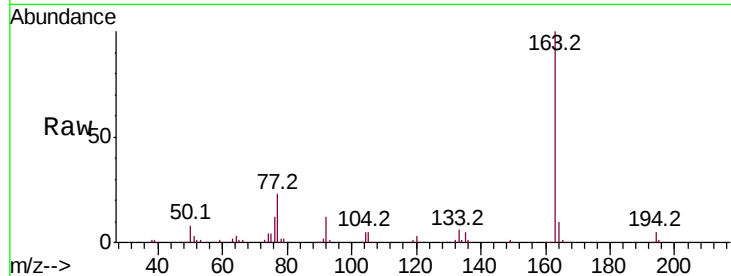
#49
 Dimethylphthalate
 Concen: 43.365 ng
 RT: 14.09 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB111891BS

Tot Ion:	163	Resp:	318567
Ion Ratio	Lower	Upper	
163	100		
194	5.1	3.4	5.2
164	10.2	8.2	12.4

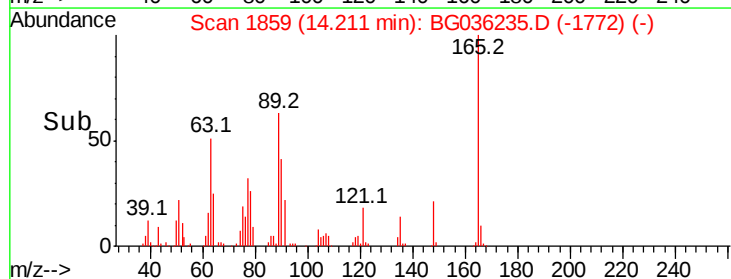
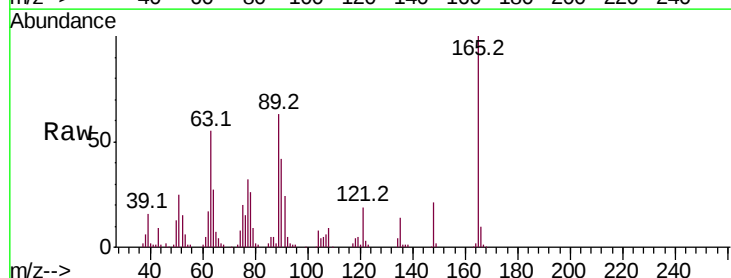
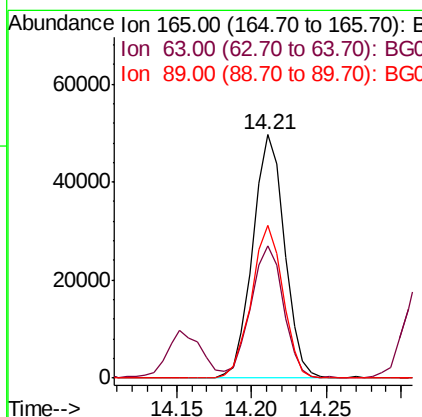
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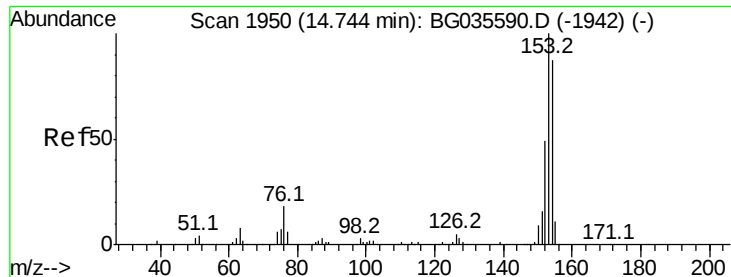
Sohil
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#50
 2,6-Dinitrotoluene
 Concen: 48.815 ng
 RT: 14.21 min Scan# 1859
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Tgt Ion:	165	Resp:	73025
Ion Ratio	Lower	Upper	
165	100		
63	54.6	52.7	79.1
89	62.5	49.2	73.8





#51

Acenaphthene

Concen: 41.855 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

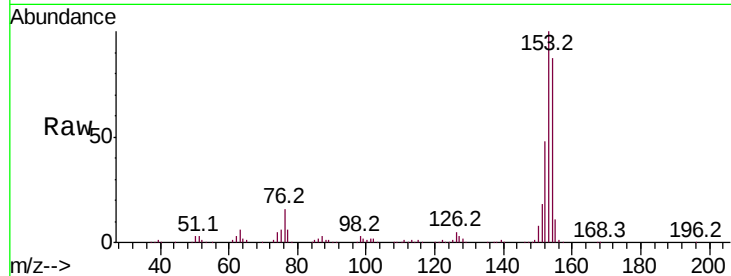
ClientSampleId :

PB111891BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.4	135.6
152	54.8	41.6	62.4

Manual Integrations
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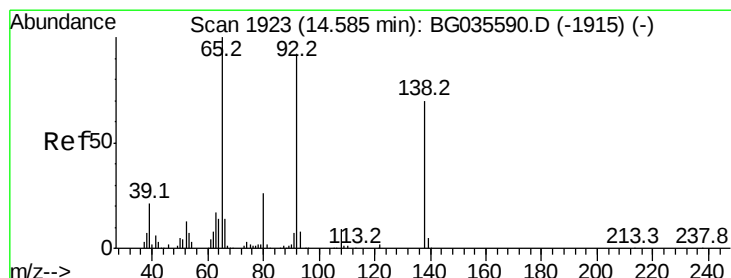
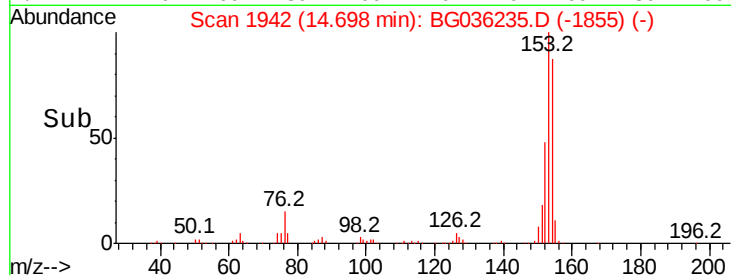
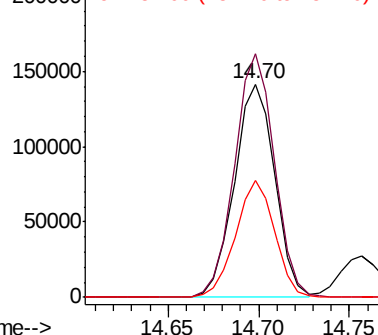


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.528 ng

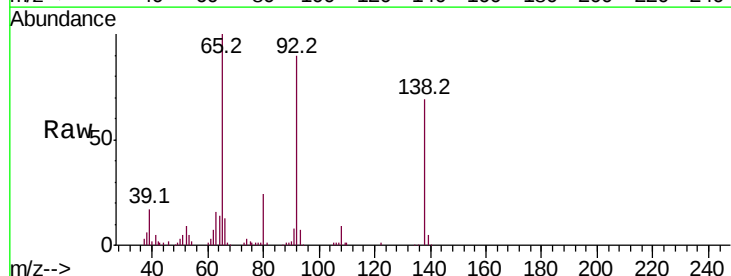
RT: 14.55 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.7	17.5	26.3#
92	129.8	105.8	158.8

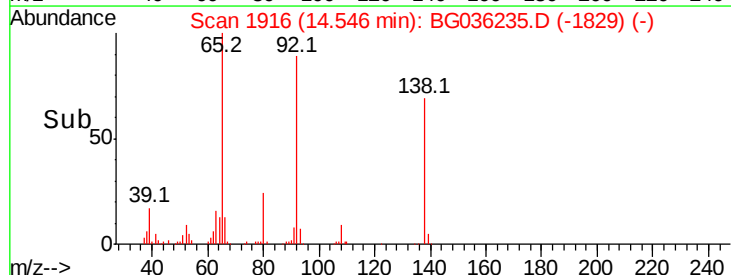
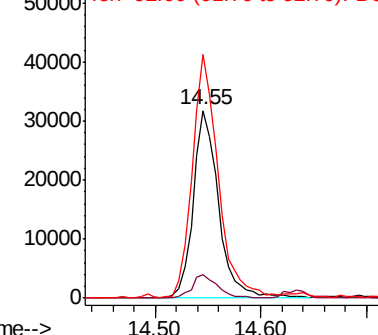


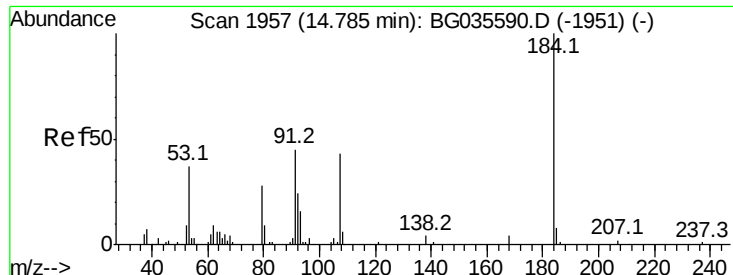
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





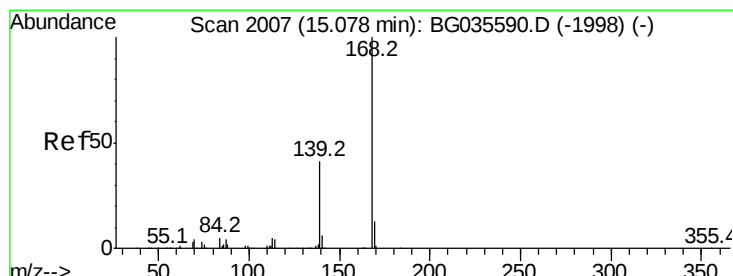
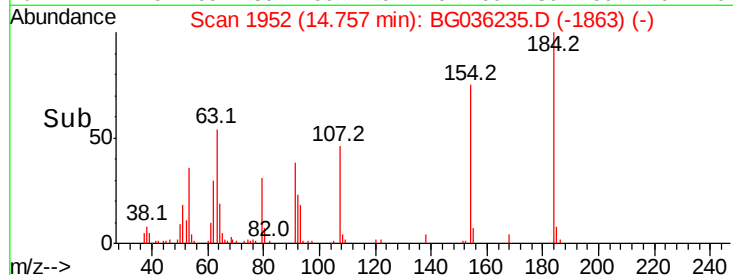
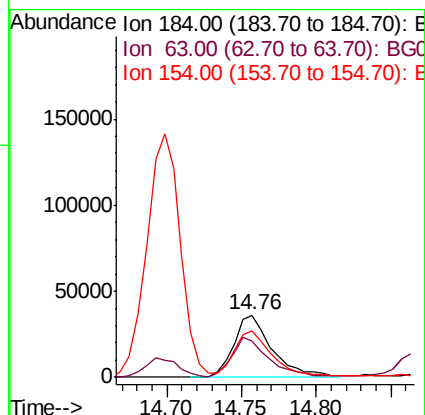
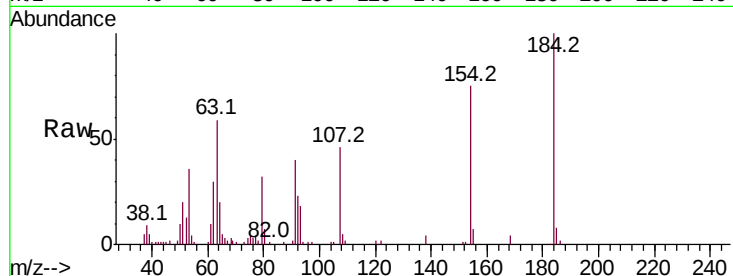
#53
 2,4-Dinitrophenol
 Concen: 83.585 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB111891BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.0	59.8	89.8#
154	74.6	101.8	152.8#

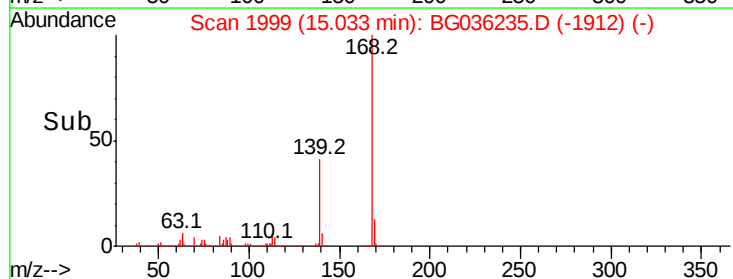
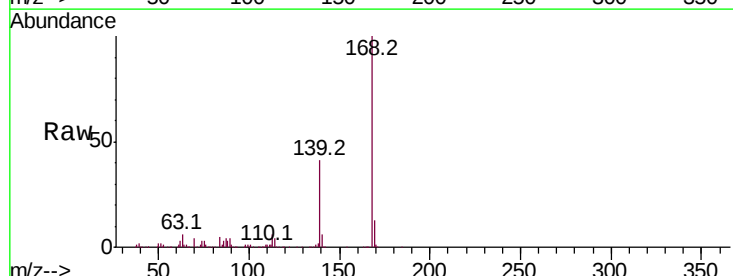
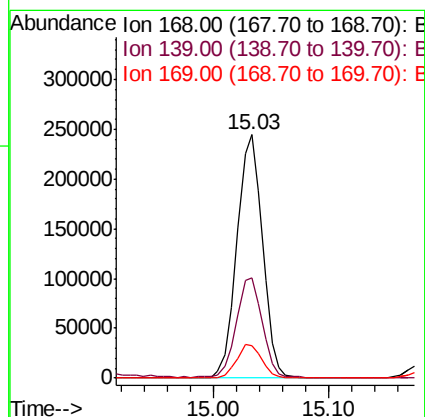
Manual Integrations
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#54
 Dibenzofuran
 Concen: 44.618 ng
 RT: 15.03 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.1	28.6	43.0
169	13.3	11.2	16.8





#55

4-Nitrophenol

Concen: 77.905 ng

RT: 14.87 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

ClientSampled :

PB111891BS

Tot Ion:139 Resp: 84830

Ion Ratio Lower Upper

139 100

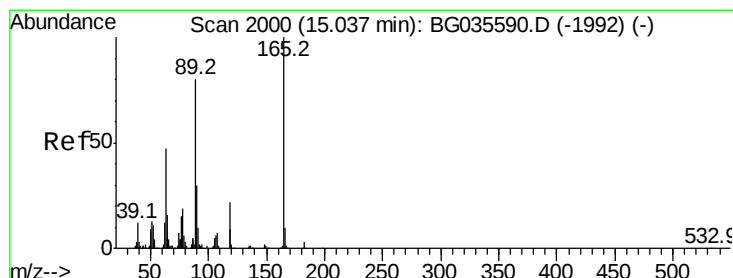
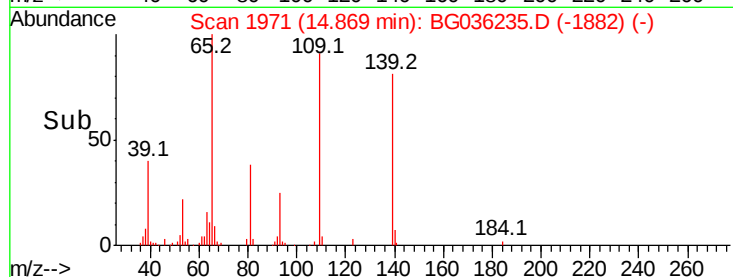
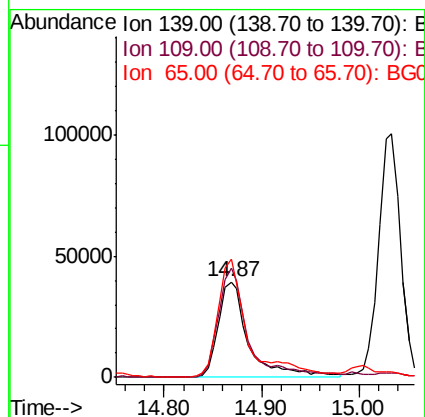
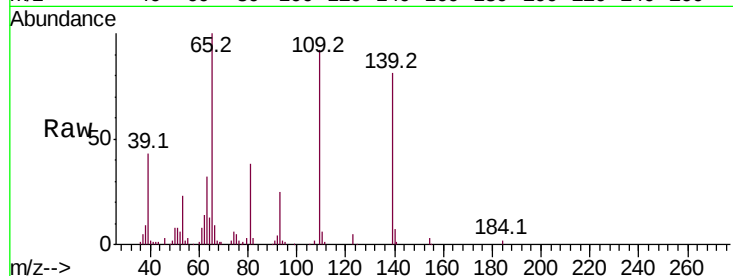
109 114.5 62.2 102.2#

65 123.9 97.2 137.2

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 49.925 ng

RT: 15.00 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Tgt Ion:165 Resp: 107148

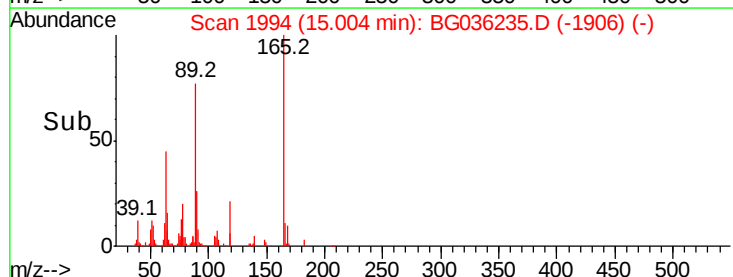
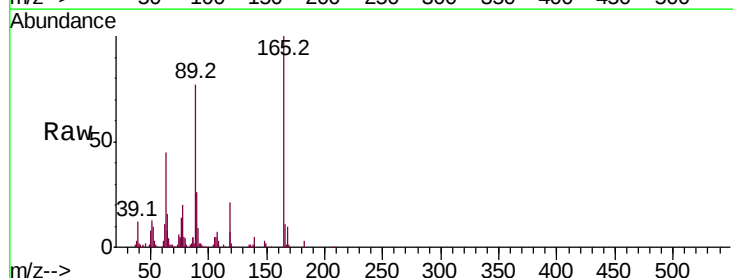
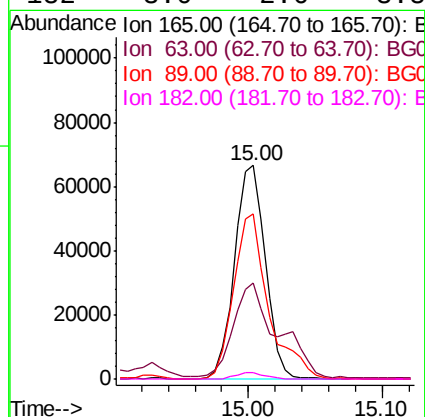
Ion Ratio Lower Upper

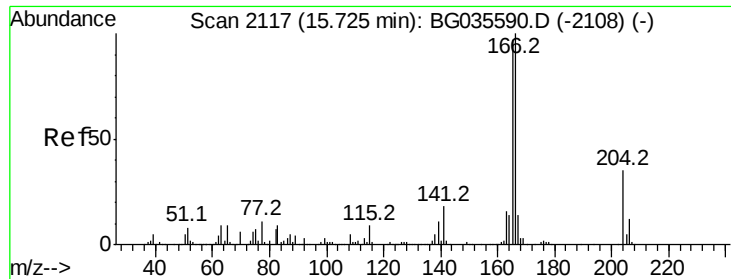
165 100

63 45.2 42.0 63.0

89 77.2 66.9 100.3

182 3.0 2.6 3.8





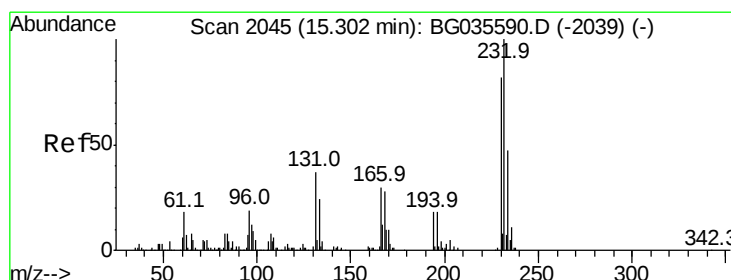
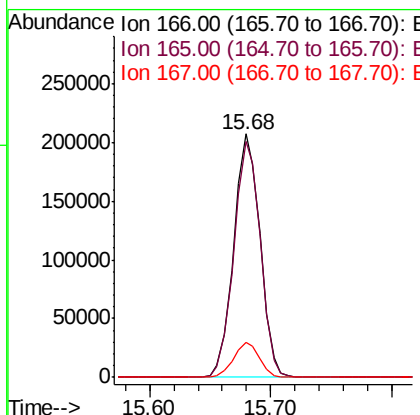
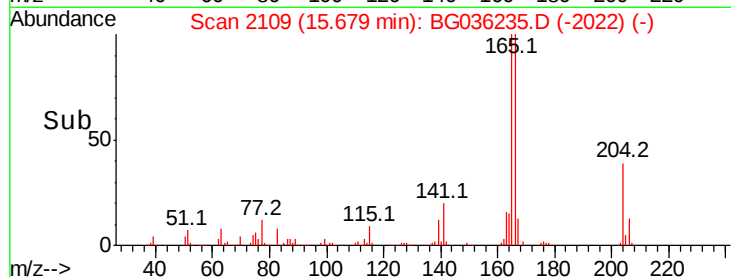
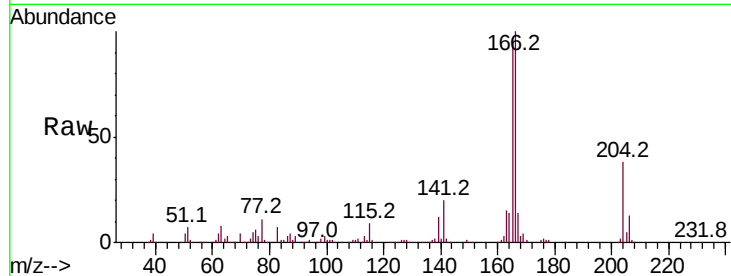
#57
 Fluorene
 Concen: 44.807 ng
 RT: 15.68 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Instrument :
 BNA_G
 ClientSampleID :
 PB111891BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.0	80.6	121.0	
167	14.2	10.4	15.6	

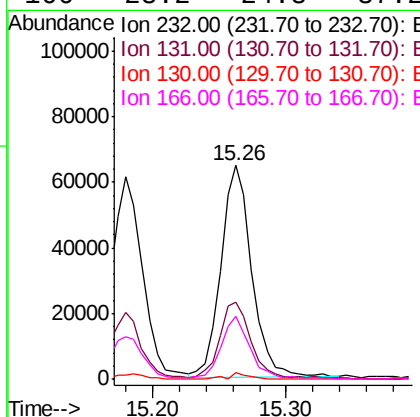
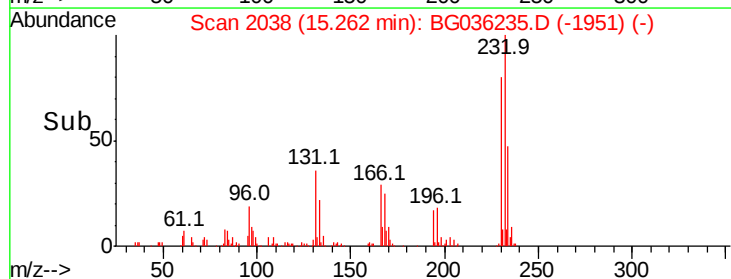
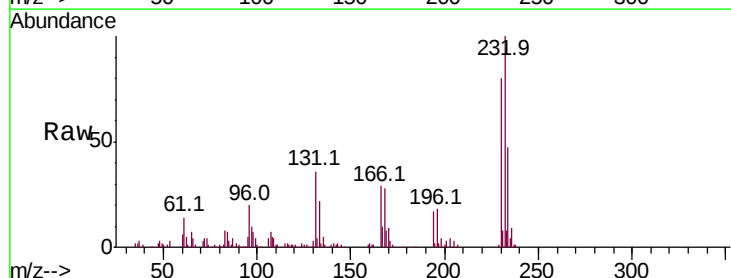
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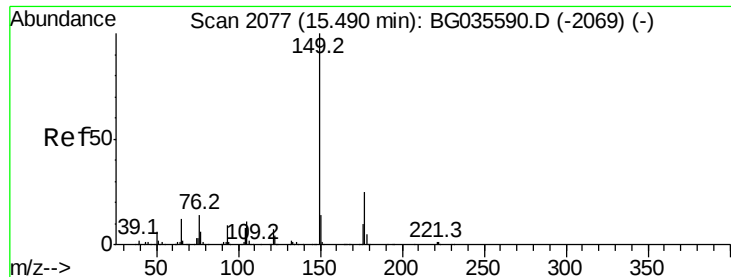
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.982 ng
 RT: 15.26 min Scan# 2038
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	35.6	33.5	50.3	
130	1.7	2.2	3.2#	
166	28.2	24.8	37.2	





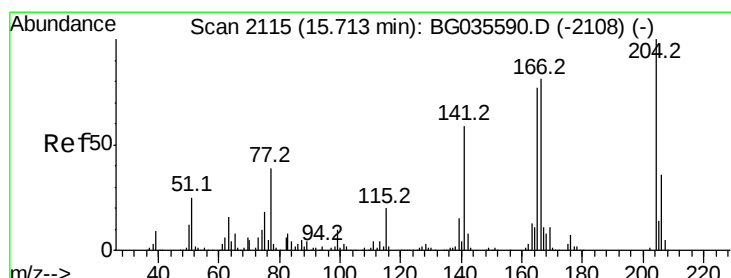
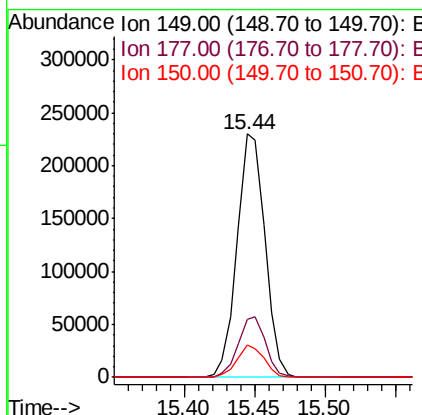
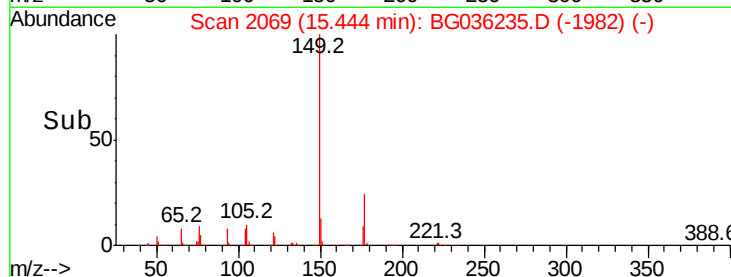
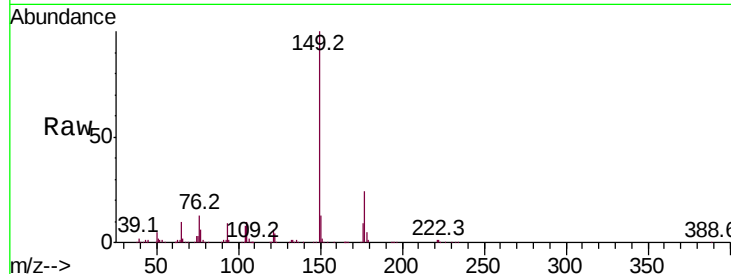
#59
Diethylphthalate
Concen: 41.996 ng
RT: 15.44 min Scan# 2069
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Instrument :
BNA_G
ClientSampleId :
PB111891BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.8	18.5	27.7	
150	13.3	10.2	15.2	

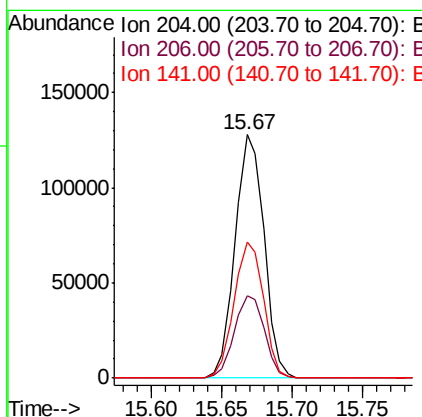
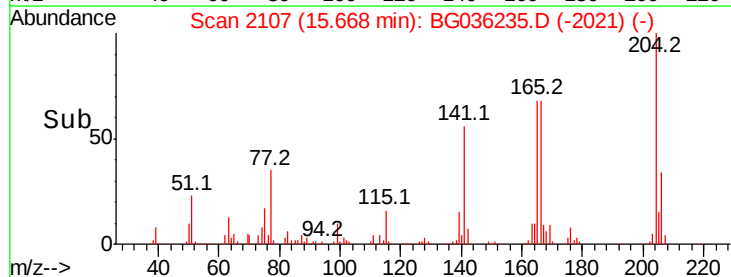
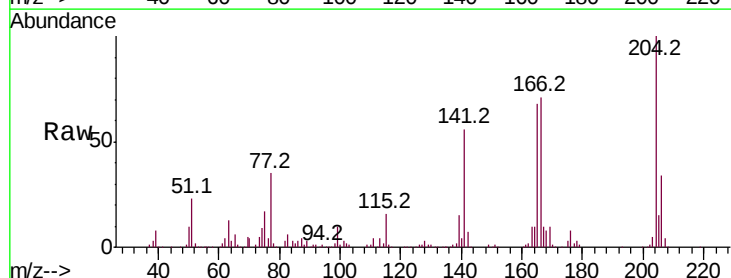
Manual Integrations
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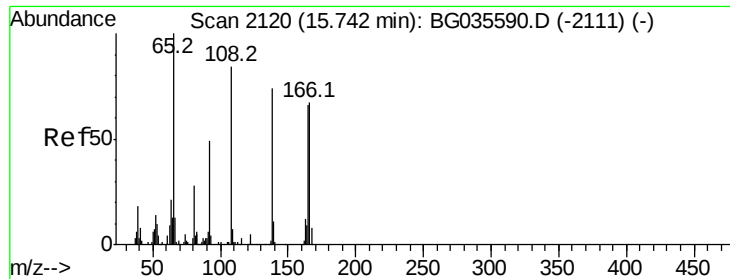
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 44.256 ng
RT: 15.67 min Scan# 2107
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.9	26.2	39.2	
141	56.0	45.8	68.6	





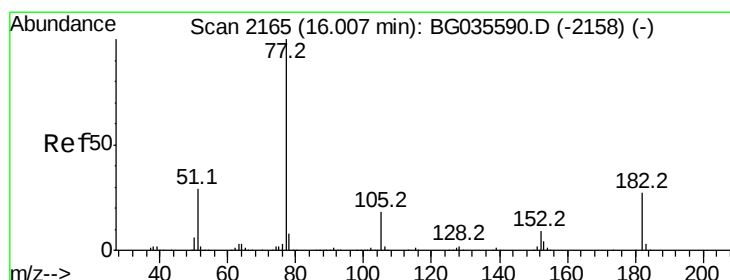
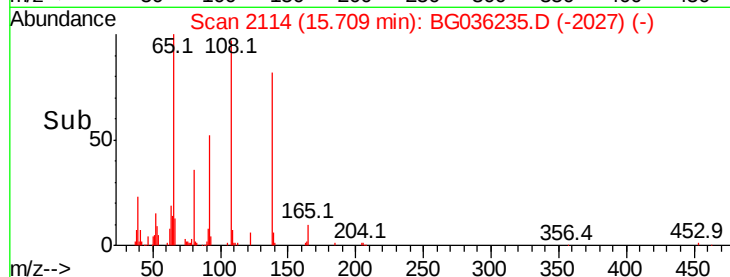
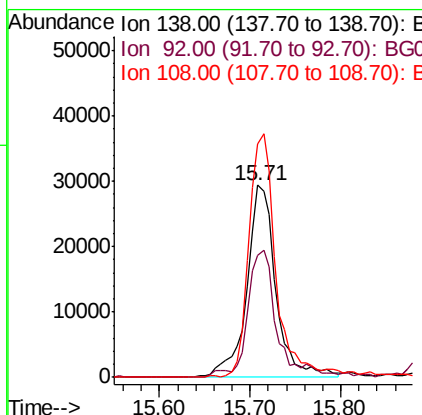
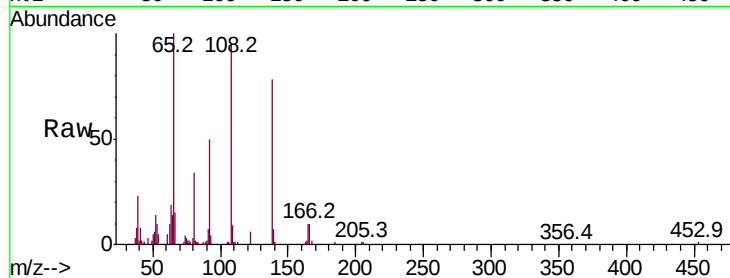
#61
4-Nitroaniline
Concen: 40.943 ng
RT: 15.71 min Scan# 2114
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Instrument :
BNA_G
ClientSampled :
PB111891BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	63.7	40.1	80.1
108	121.7	65.4	105.4

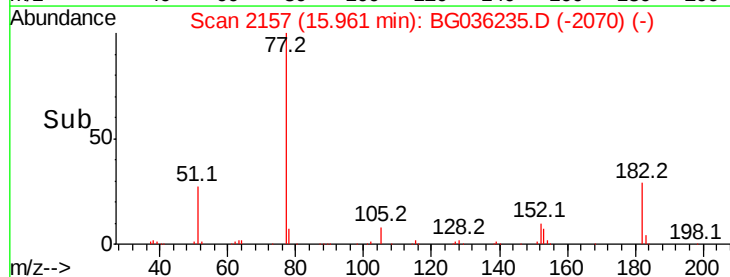
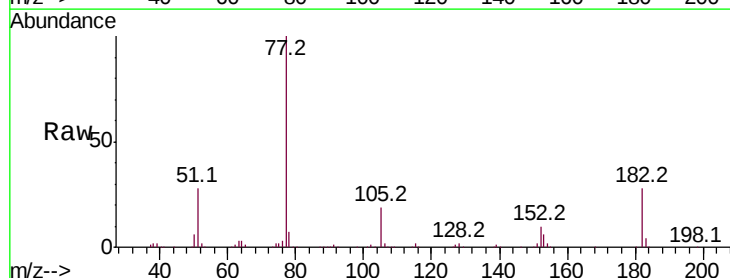
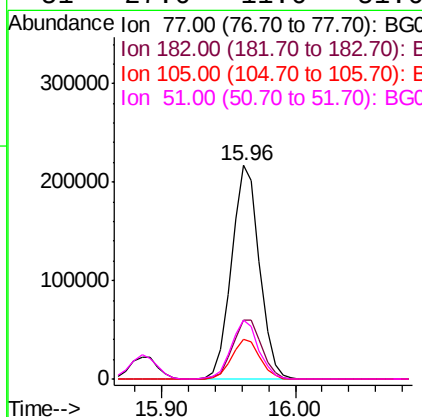
Manual Integrations
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#62
Azobenzene
Concen: 42.277 ng
RT: 15.96 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.9	7.4	47.4
105	18.8	0.3	40.3
51	27.6	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

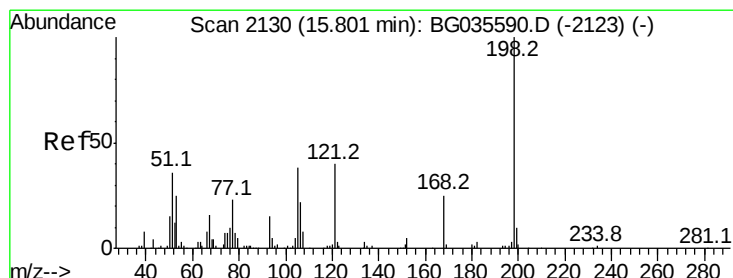
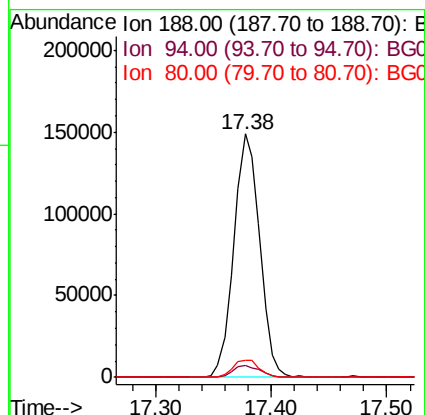
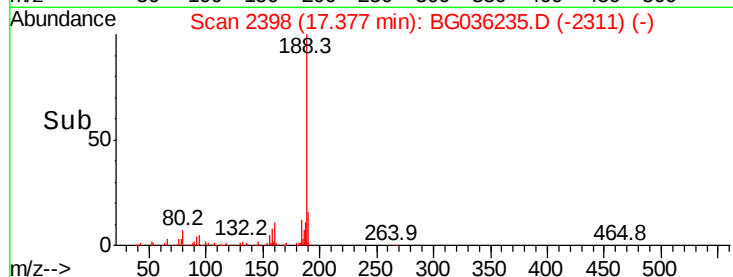
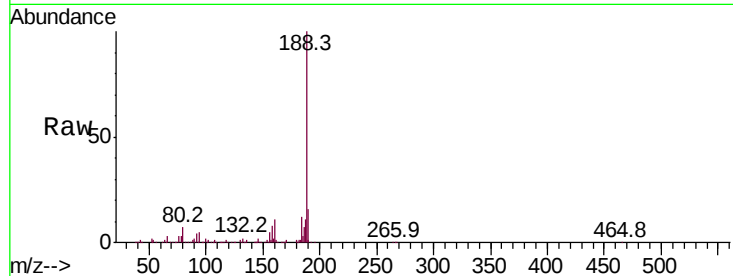
ClientSampleId :

PB111891BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	5.0	6.9	10.3#	
80	7.2	7.7	11.5#	

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#64

4,6-Dinitro-2-methylphenol

Concen: 47.735 ng

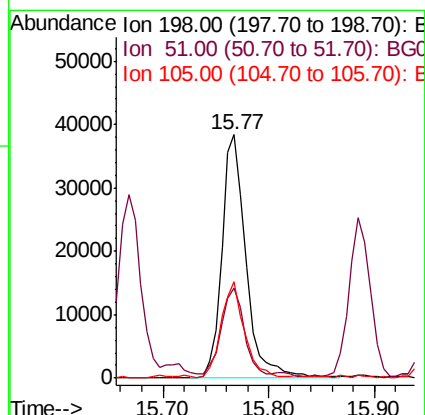
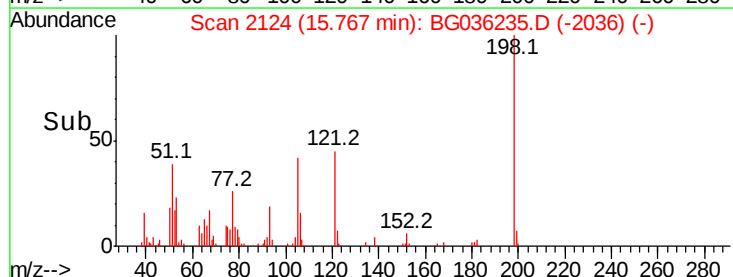
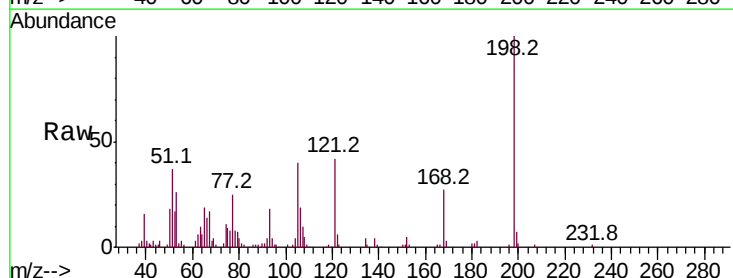
RT: 15.77 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	36.9	30.6	70.6	
105	39.8	23.8	63.8	





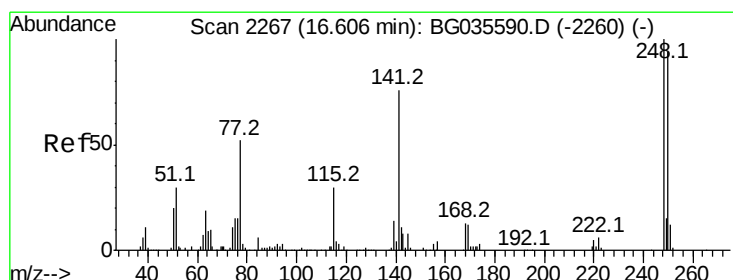
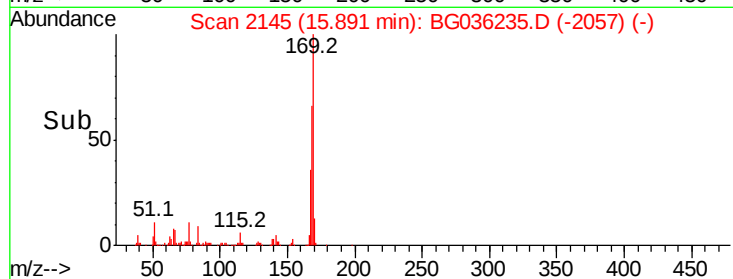
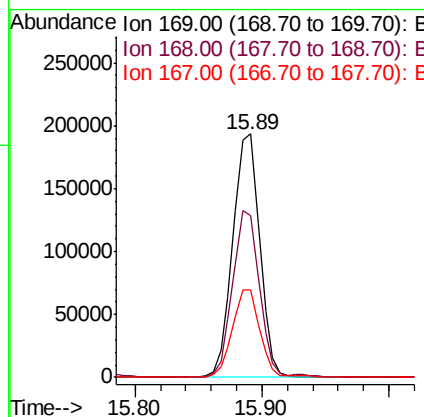
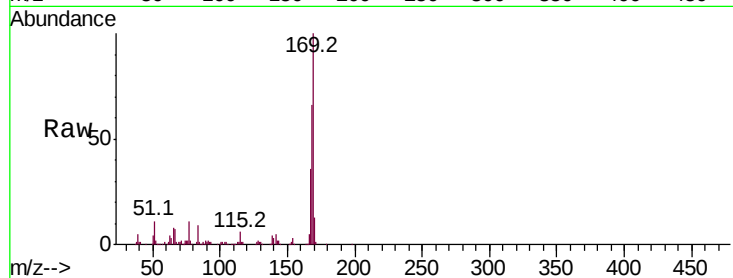
#65
n-Nitrosodiphenylamine
Concen: 43.217 ng
RT: 15.89 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Instrument :
BNA_G
ClientSampled :
PB111891BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.4	55.7	83.5	
167	36.0	30.1	45.1	

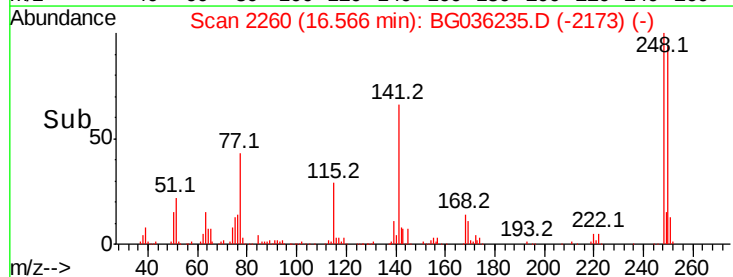
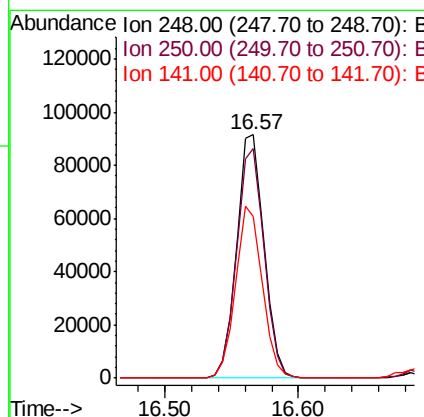
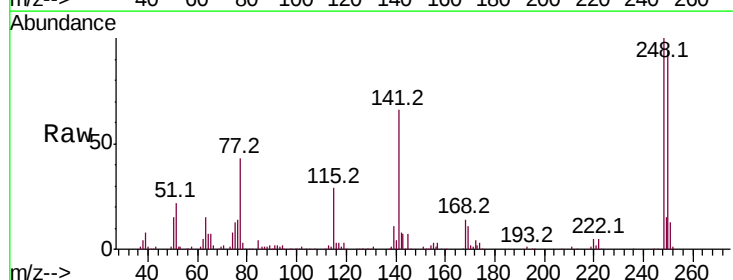
Manual Integrations
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#66
4-Bromophenyl-phenylether
Concen: 48.882 ng
RT: 16.57 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	94.5	77.1	115.7	
141	66.2	50.8	76.2	





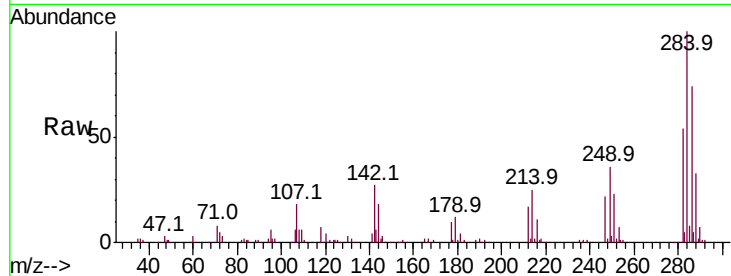
#67
Hexachlorobenzene
Concen: 47.685 ng
RT: 16.69 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Instrument :
BNA_G
ClientSampleId :
PB111891BS

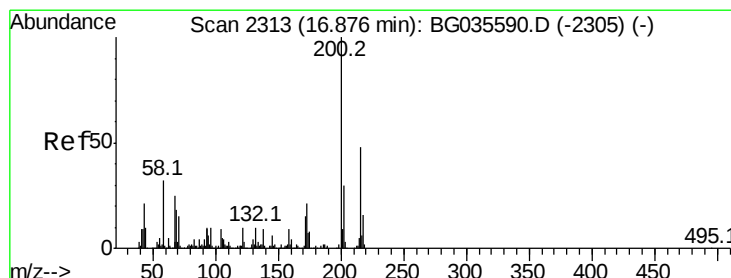
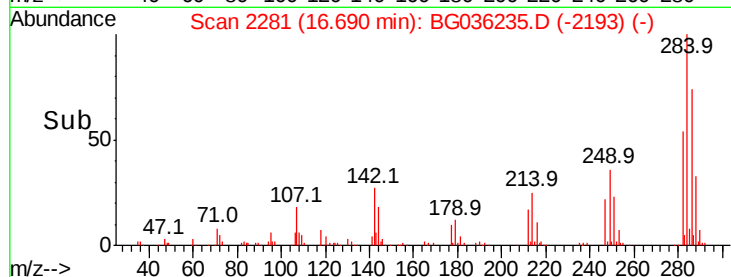
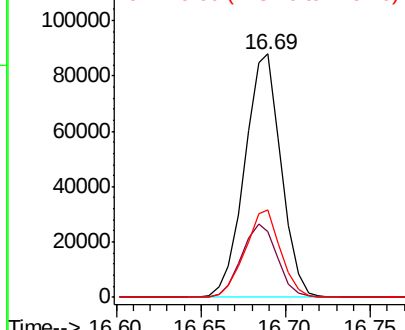
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	26.9	26.8	40.2
249	35.9	26.3	39.5

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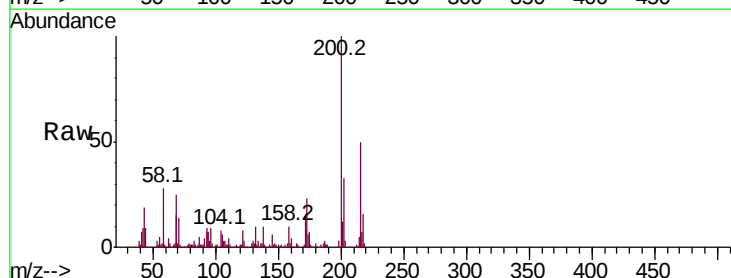


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

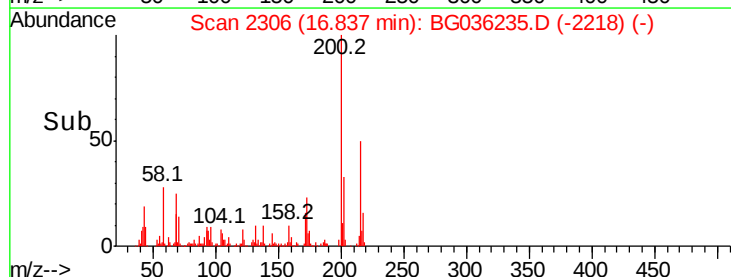
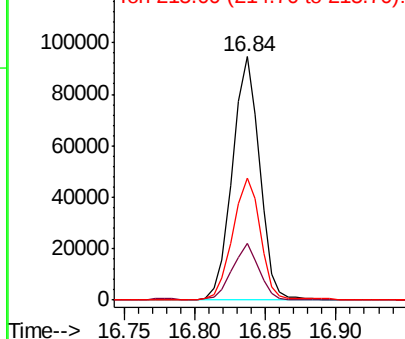


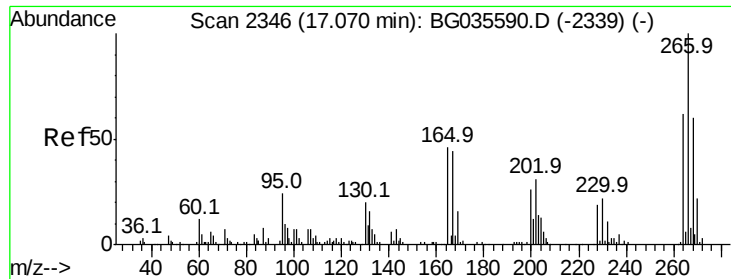
#68
Atrazine
Concen: 47.362 ng
RT: 16.84 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	23.1	5.2	45.2
215	50.0	30.4	70.4



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





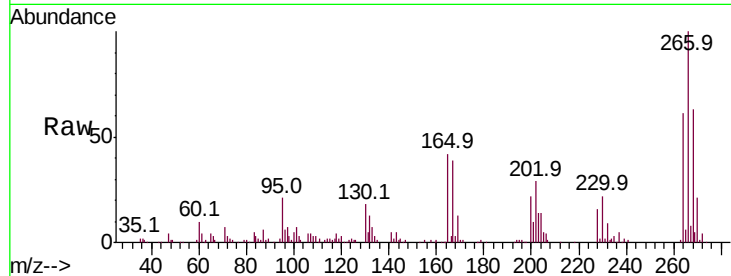
#69
 Pentachlorophenol
 Concen: 73.266 ng
 RT: 17.04 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB111891BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	122759		
268	62.9		51.1	76.7
264	60.8		49.6	74.4

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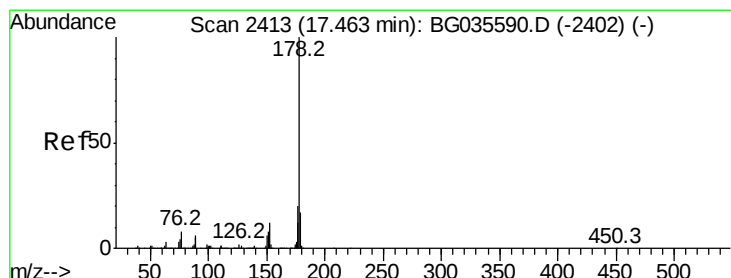
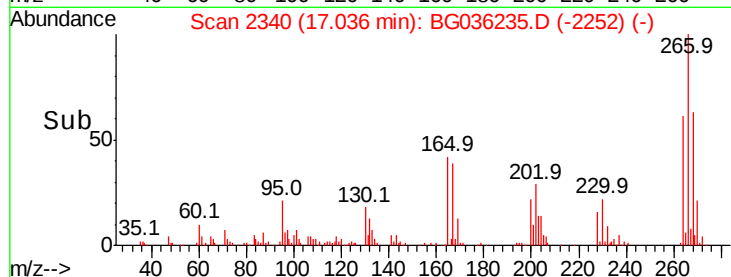
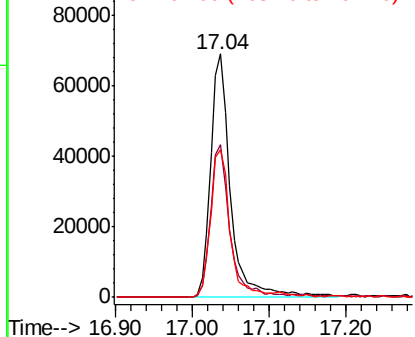


Abundance

Ion 265.70 (265.40 to 266.40): E

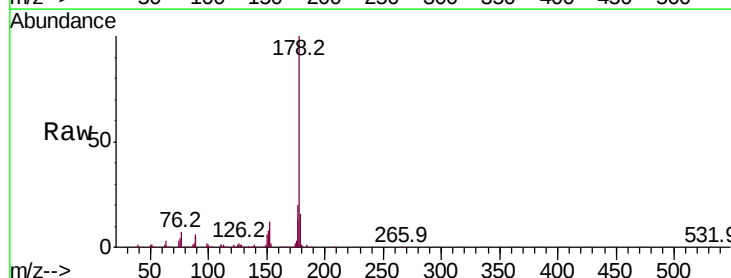
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 44.775 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	514412		
176	20.3		15.7	23.5
179	15.8		12.5	18.7

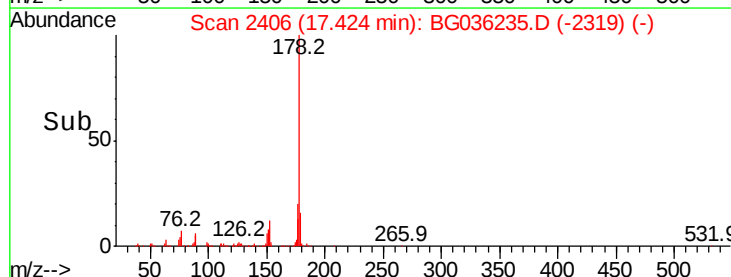
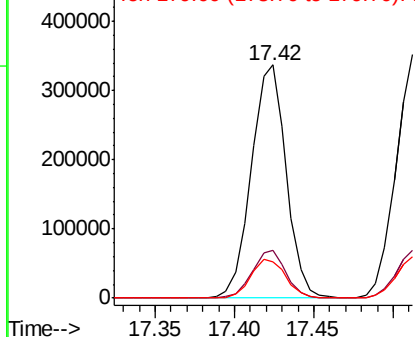


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





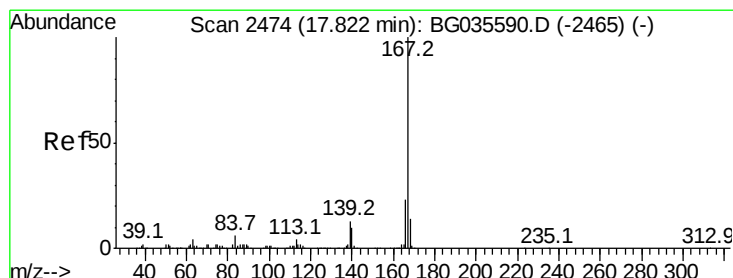
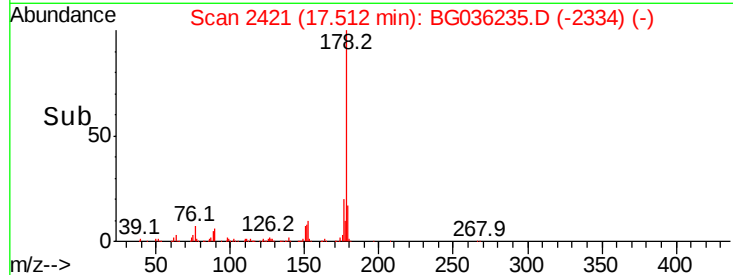
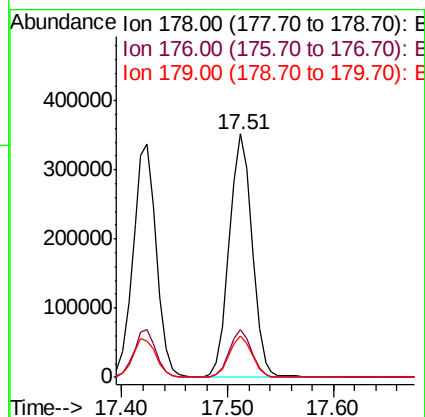
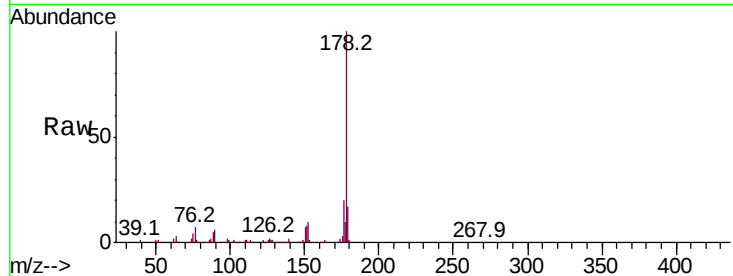
#71
 Anthracene
 Concen: 45.811 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB111891BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	17.0	12.5	18.7

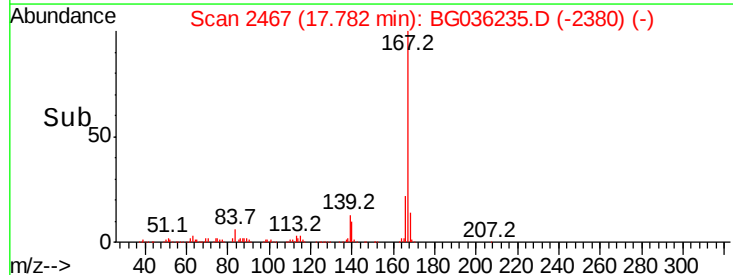
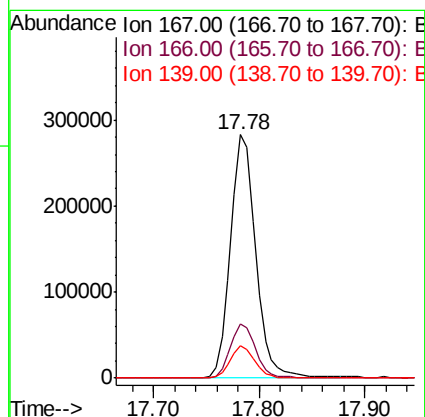
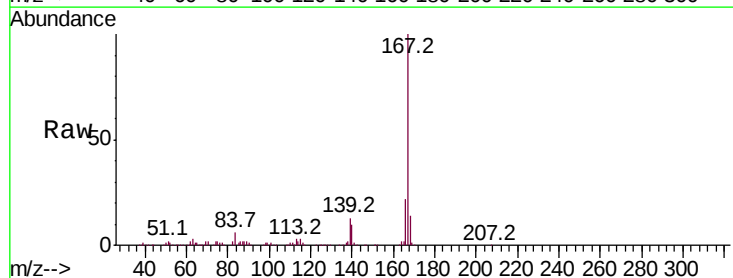
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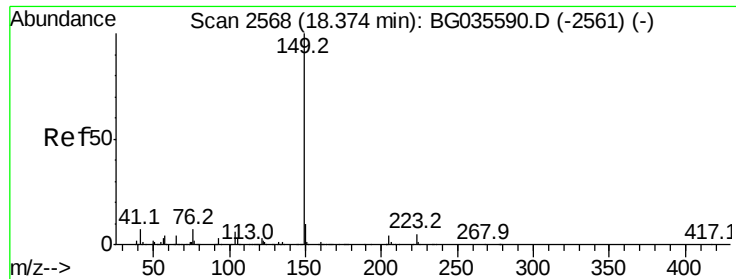
Sohil
 8/10/2018 4:01:45 PM



#72
 Carbazole
 Concen: 43.014 ng
 RT: 17.78 min Scan# 2467
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	13.3	9.4	14.2





#73

Di-n-butylphthalate

Concen: 42.665 ng

RT: 18.33 min Scan# 2561

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

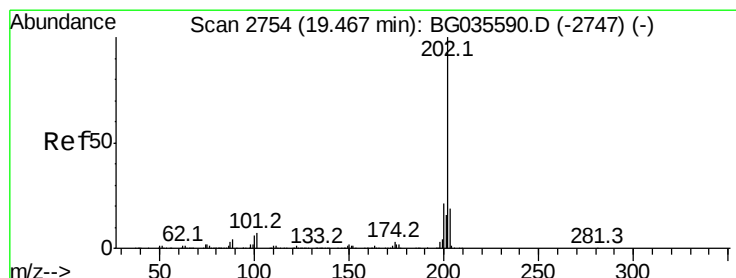
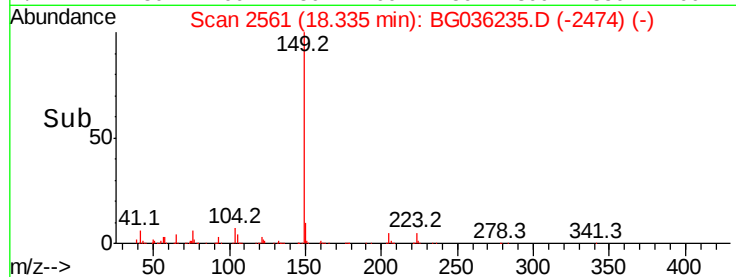
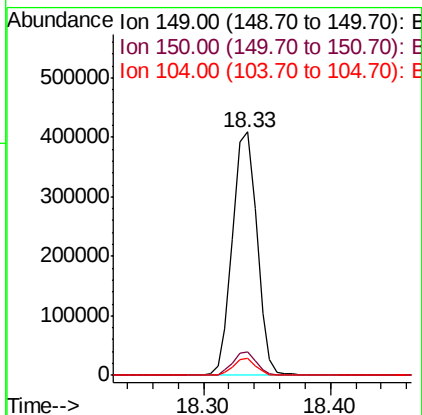
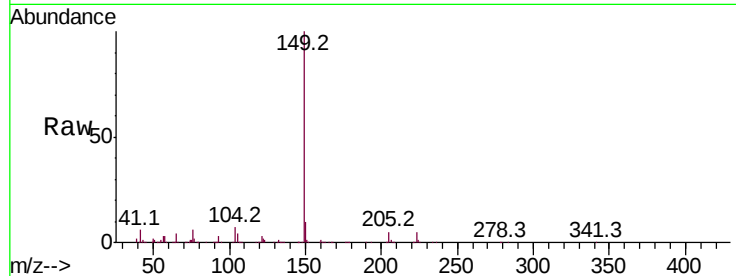
ClientSampleId :

PB111891BS

Tot Ion:	149	Resp:	547749
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	6.8	3.9	5.9

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#74

Fluoranthene

Concen: 44.076 ng

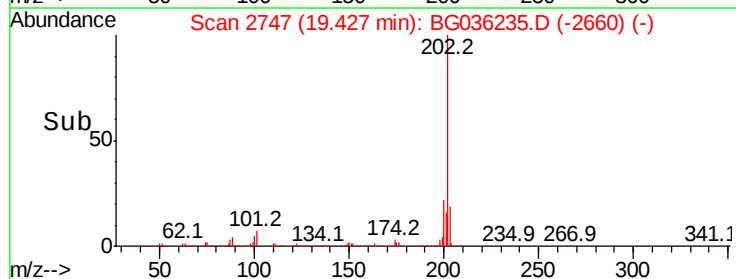
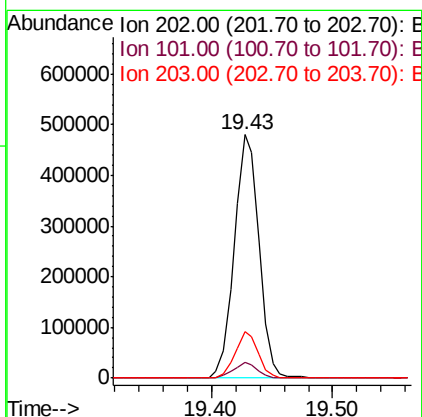
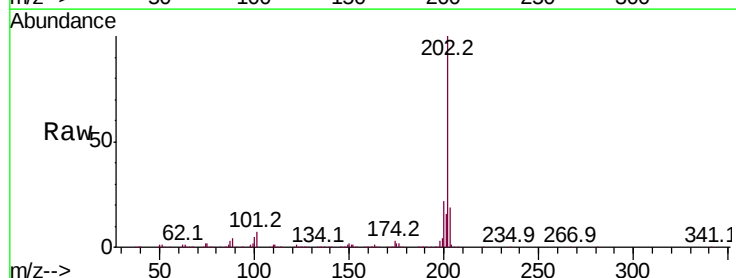
RT: 19.43 min Scan# 2747

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Tgt Ion:	202	Resp:	682094
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	28.9
203	18.9	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

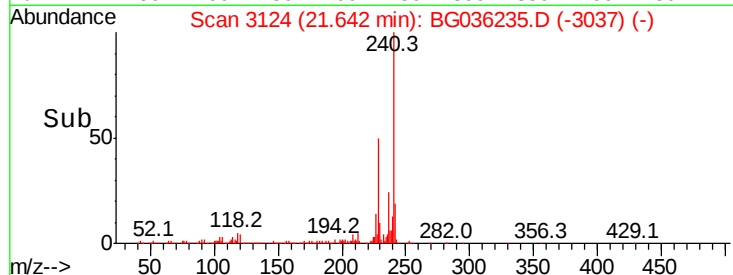
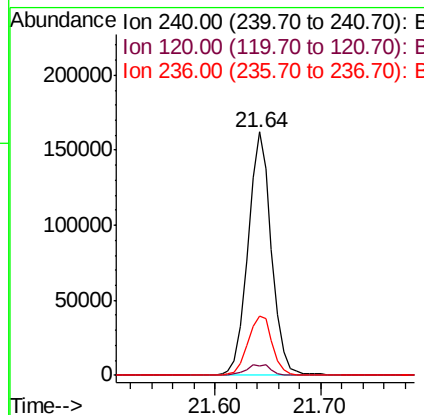
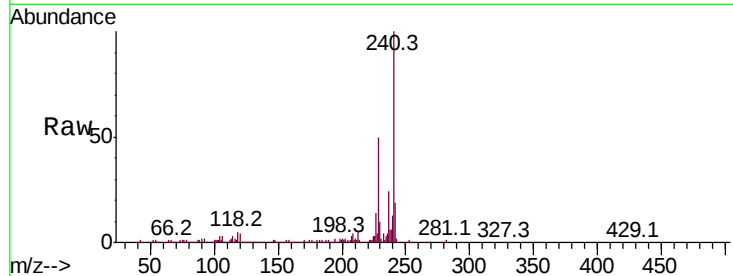
ClientSampleId :

PB111891BS

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	4.1	6.8	10.2#
236	24.4	20.9	31.3

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#76

Benzidine

Concen: 32.657 ng

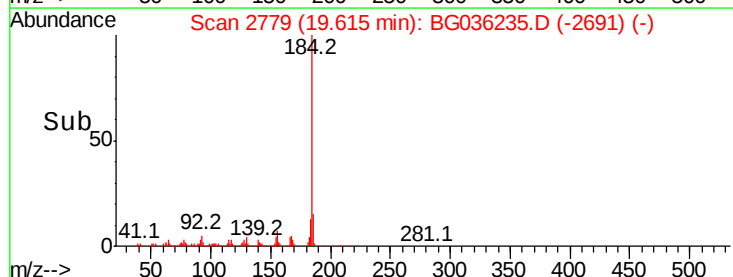
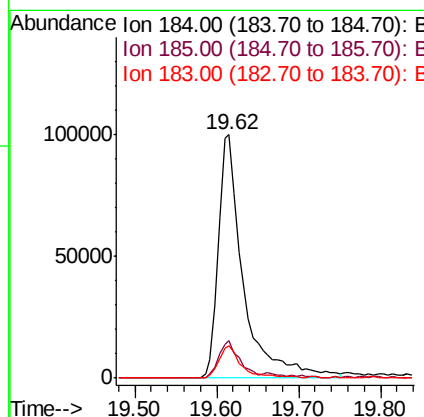
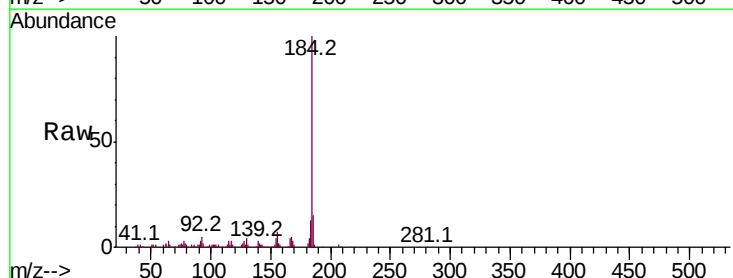
RT: 19.62 min Scan# 2779

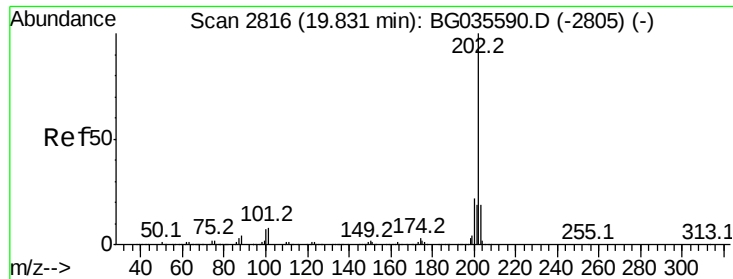
Delta R.T. -0.01 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	15.2	11.1	16.7
183	13.5	10.6	16.0





#77

Pvrene

Concen: 43.400 ng

RT: 19.79 min Scan# 2809

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

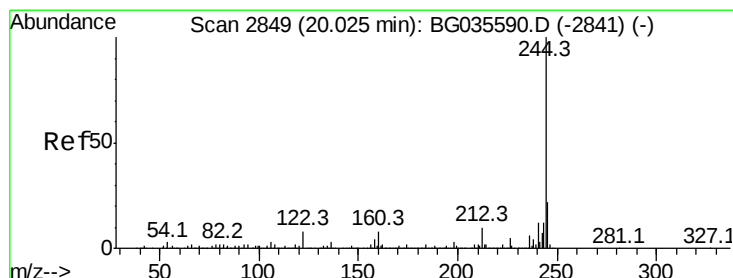
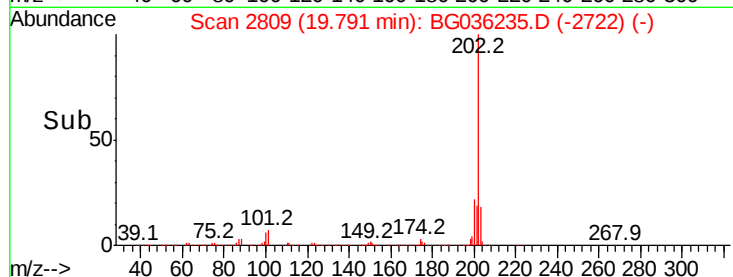
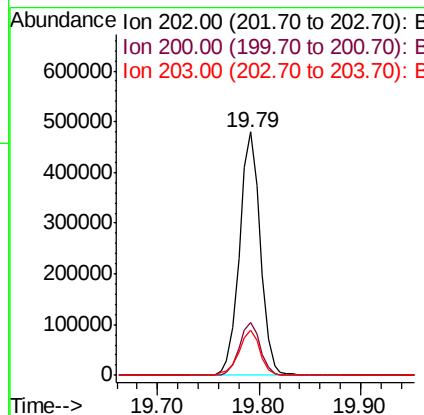
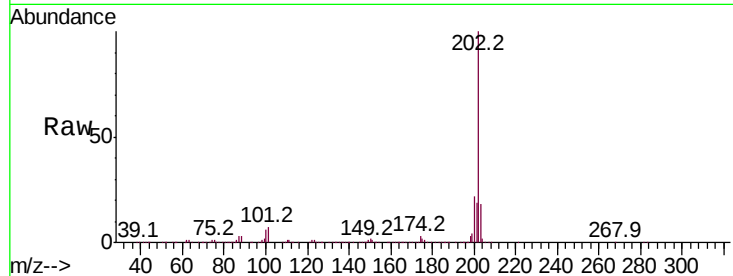
ClientSampleId :

PB111891BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.7	16.9	25.3	
203	18.4	13.9	20.9	

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#78

Terphenyl-d14

Concen: 94.752 ng

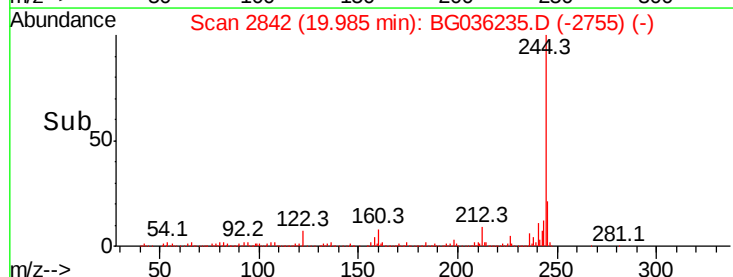
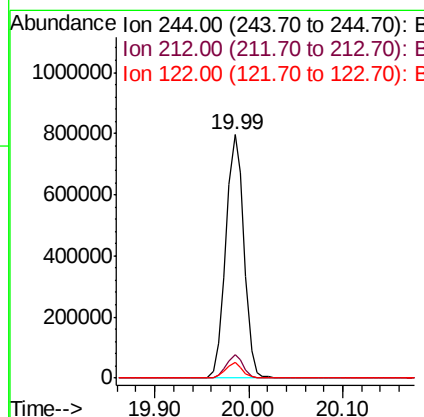
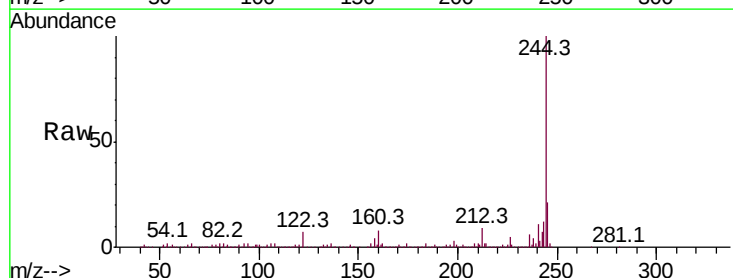
RT: 19.99 min Scan# 2842

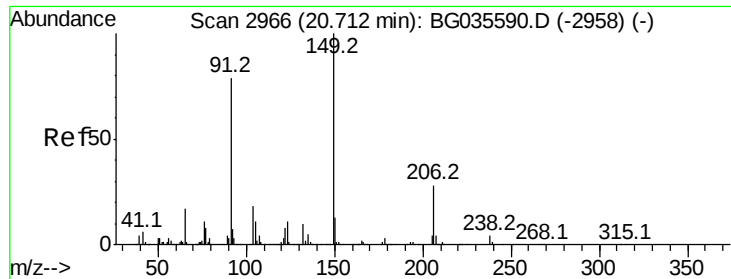
Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	9.5	5.8	8.8#	
122	6.7	7.0	10.4#	





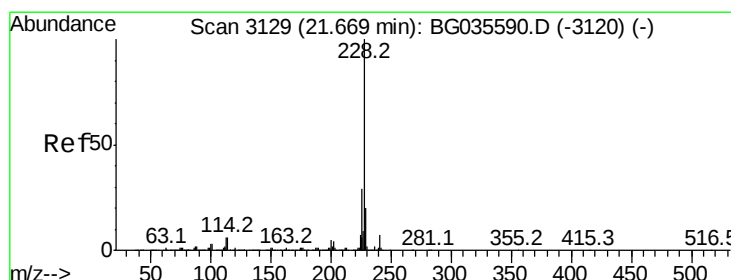
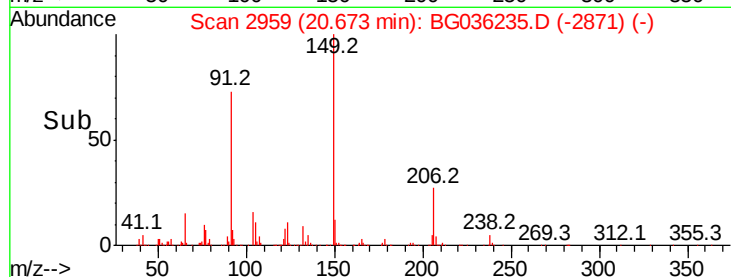
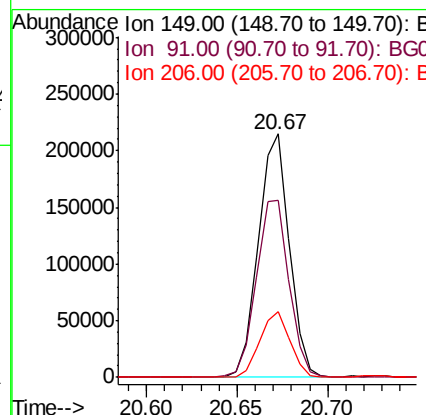
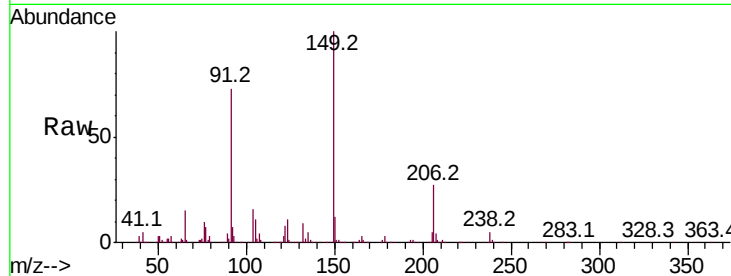
#79
Butylbenzylphthalate
Concen: 45.451 ng
RT: 20.67 min Scan# 2959
Delta R.T. -0.01 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Instrument :
BNA_G
ClientSampleId :
PB111891BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	255730		
91	72.6		62.2	93.2
206	27.2		18.6	27.8

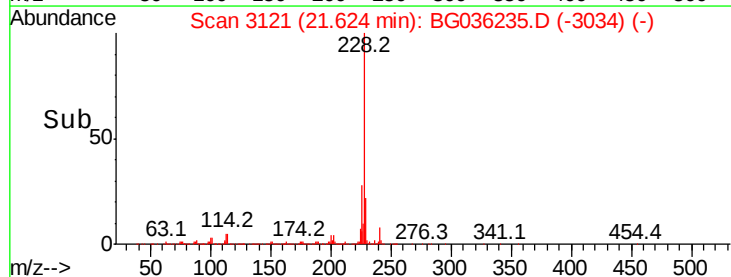
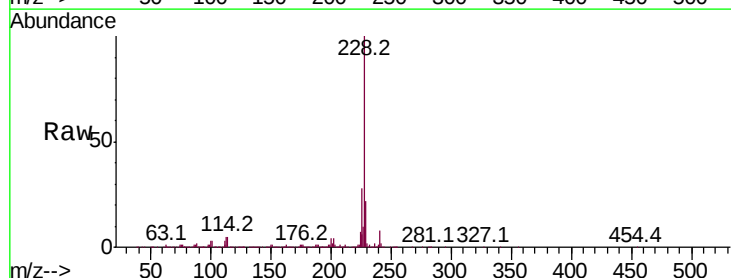
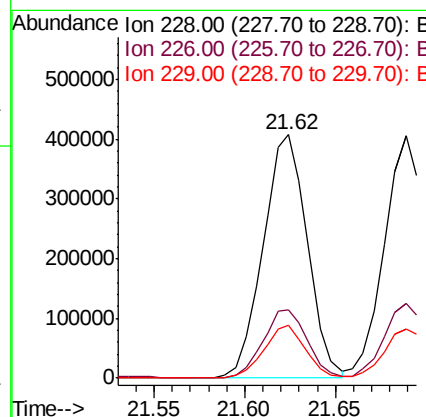
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 44.610 ng
RT: 21.62 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	691746		
226	28.2		22.7	34.1
229	21.6		16.2	24.2





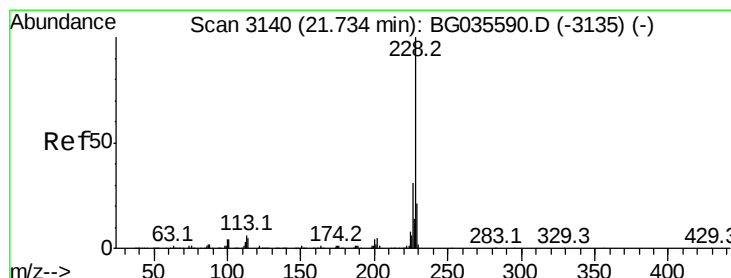
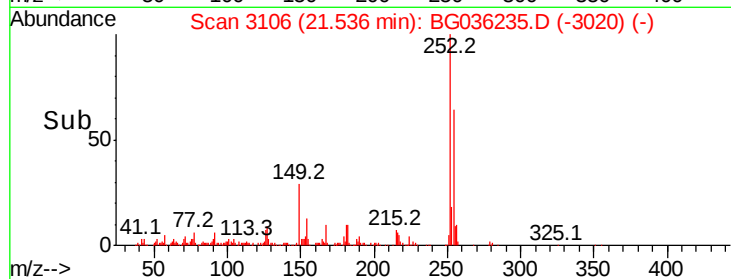
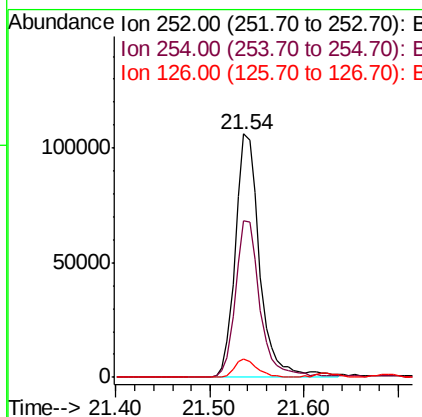
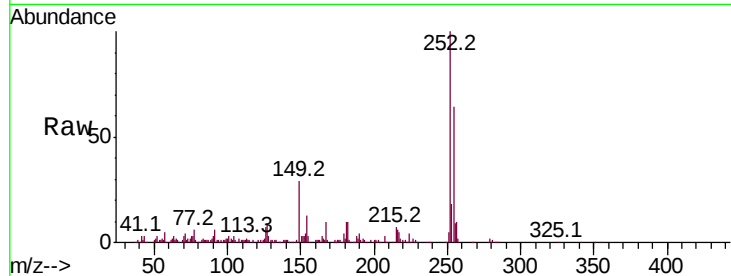
#81
 3,3'-Dichlorobenzidine
 Concen: 35.372 ng
 RT: 21.54 min Scan# 3106
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Instrument :
 BNA_G
 ClientSampled :
 PB111891BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.8	76.2
126	7.3	7.4	11.2#

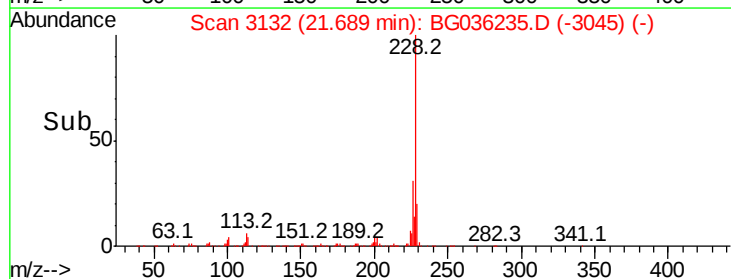
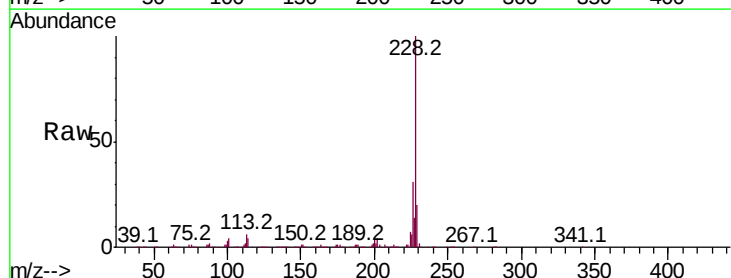
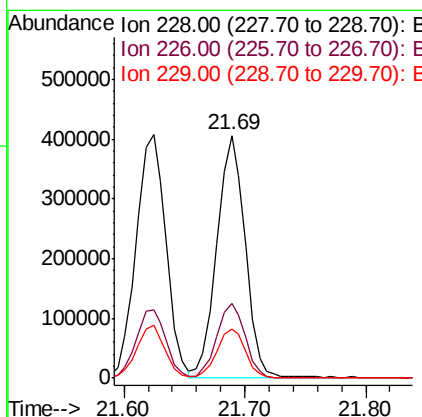
Manual Integrations
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#82
 Chrysene
 Concen: 45.415 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	20.2	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.270 ng

RT: 21.52 min Scan# 3103

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

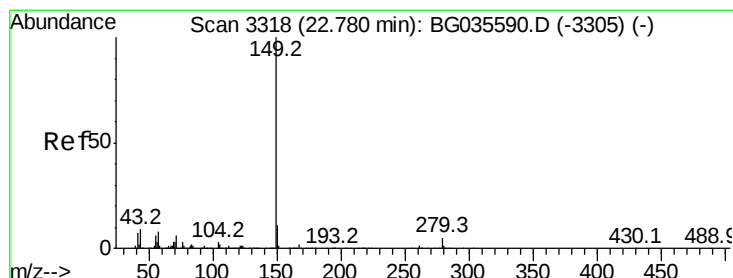
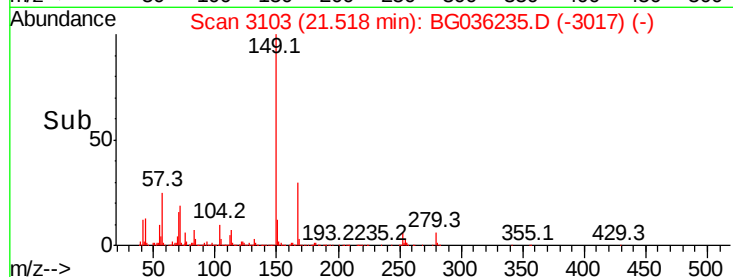
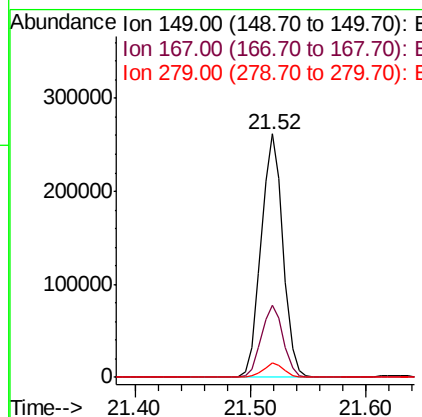
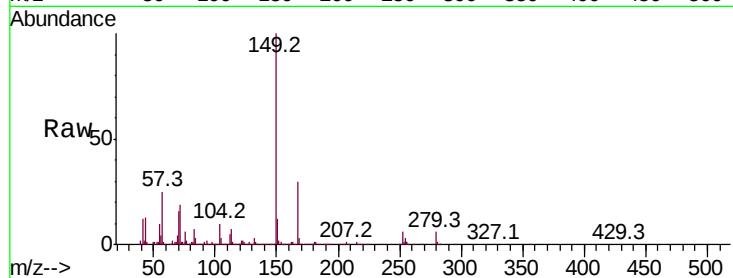
ClientSampleId :

PB111891BS

Tot Ion:	149	Resp:	346280
Ion Ratio	Lower	Upper	
149	100		
167	29.8	24.3	36.5
279	5.9	4.0	6.0

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#84

Di-n-octyl phthalate

Concen: 45.731 ng

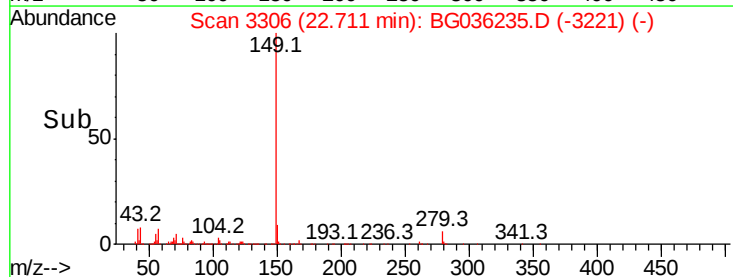
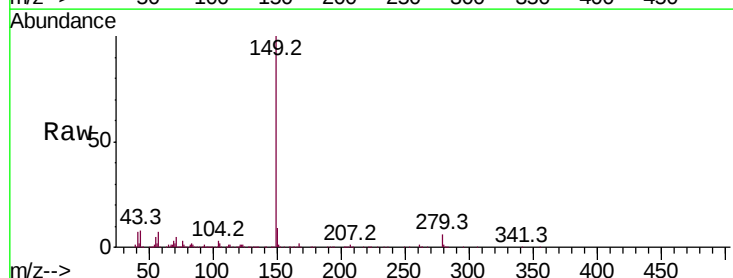
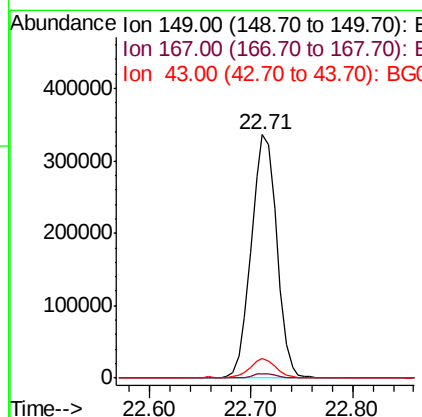
RT: 22.71 min Scan# 3306

Delta R.T. -0.03 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Tgt Ion:	149	Resp:	585704
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	7.8	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.274 ng

RT: 28.46 min Scan# 4284

Delta R.T. -0.05 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

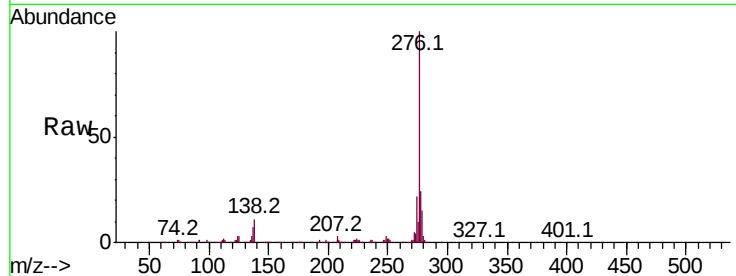
ClientSampleId :

PB111891BS

Tot Ion:	276	Resp:	704345
Ion Ratio	Lower	Upper	
276	100		
138	12.1	16.0	24.0#
277	25.9	20.0	30.0

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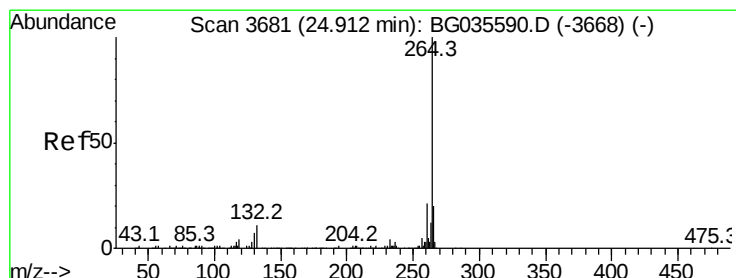
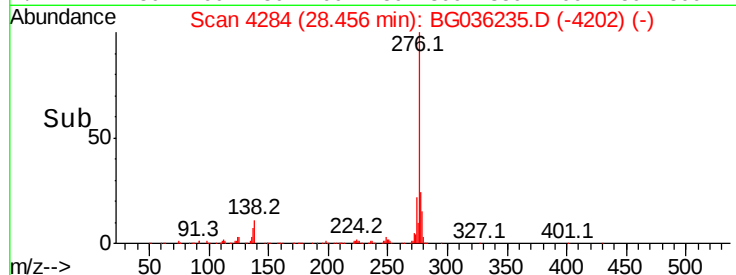
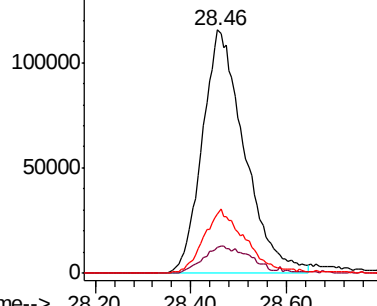


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

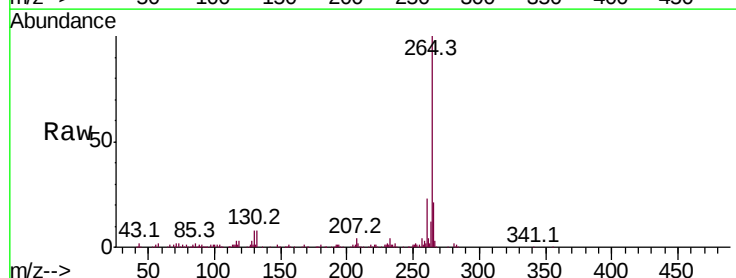
RT: 24.83 min Scan# 3666

Delta R.T. -0.03 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Tgt Ion:	264	Resp:	221900
Ion Ratio	Lower	Upper	
264	100		
260	22.7	17.4	26.0
265	21.0	17.7	26.5

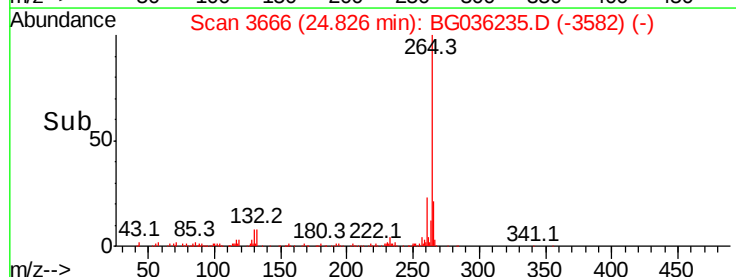
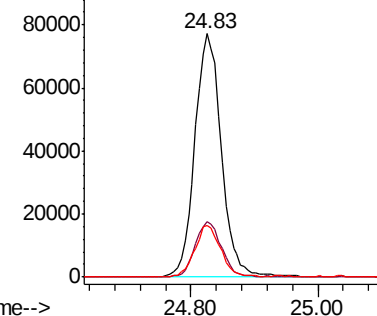


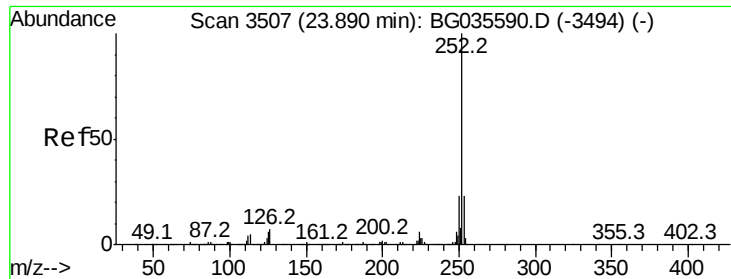
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.392 ng

RT: 23.82 min Scan# 3495

Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Instrument :

BNA_G

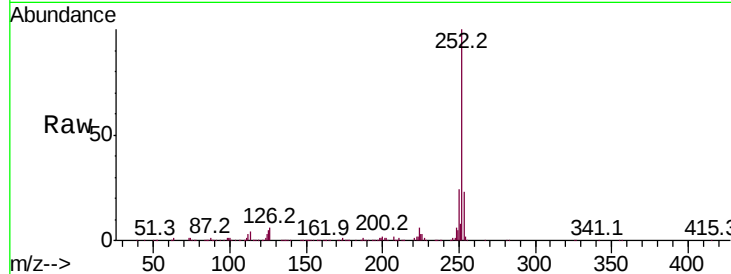
ClientSampleId :

PB111891BS

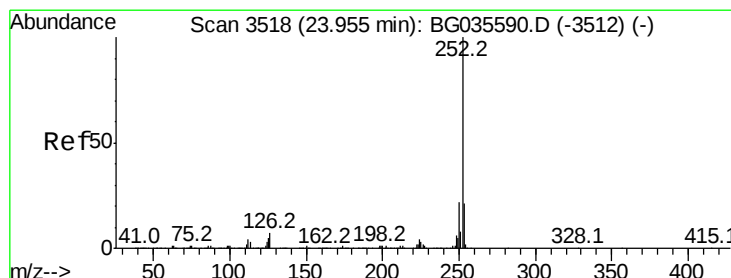
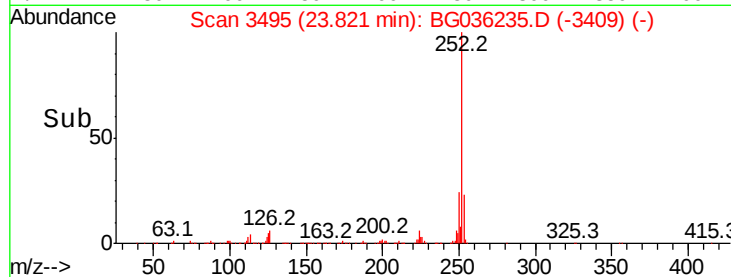
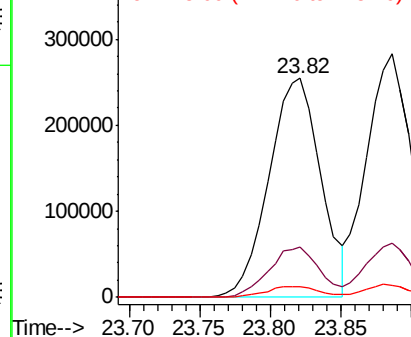
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	4.7	7.2	10.8#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.811 ng

RT: 23.89 min Scan# 3506

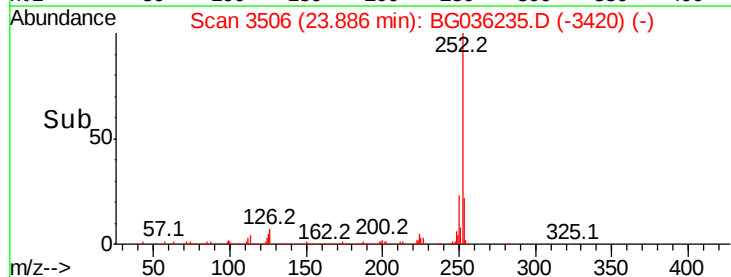
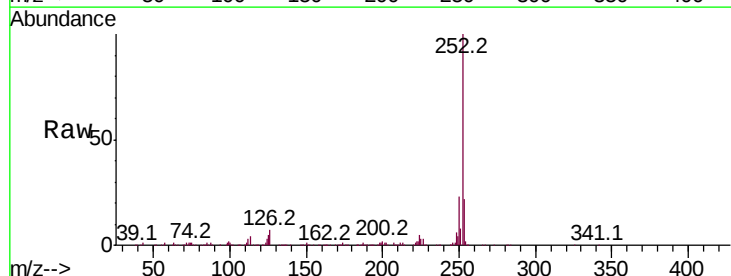
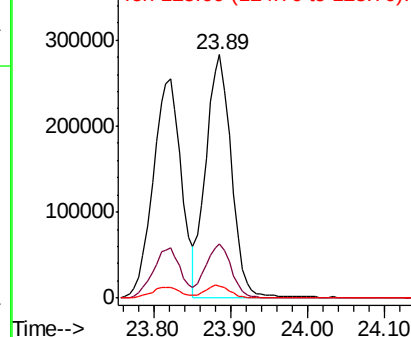
Delta R.T. -0.02 min

Lab File: BG036235.D

Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	4.8	6.6	9.8#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





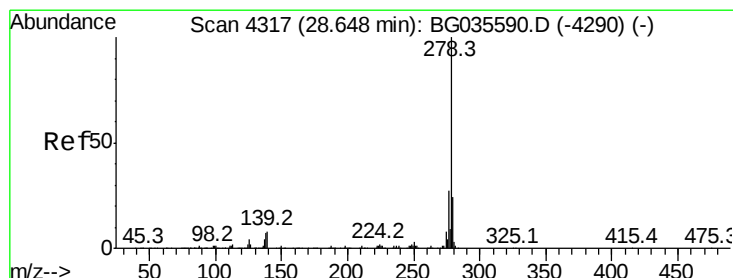
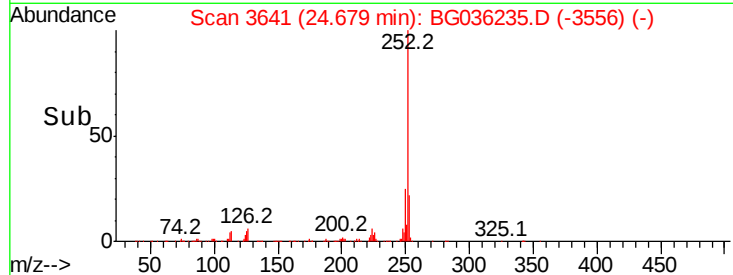
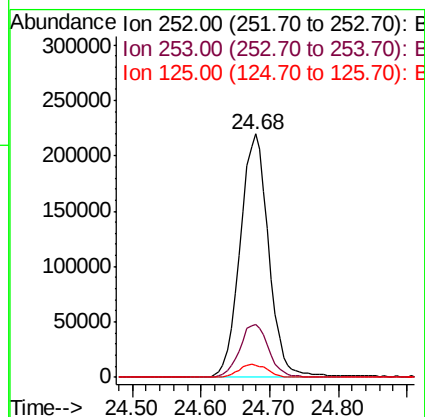
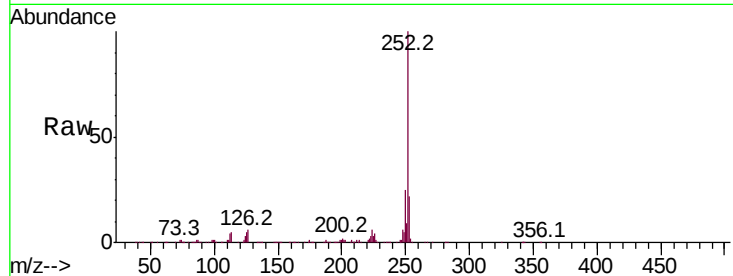
#89
Benzo(a)pyrene
Concen: 50.711 ng
RT: 24.68 min Scan# 3641
Delta R.T. -0.03 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Instrument :
BNA_G
ClientSampleId :
PB111891BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.3	27.5
125	4.8	7.3	10.9#

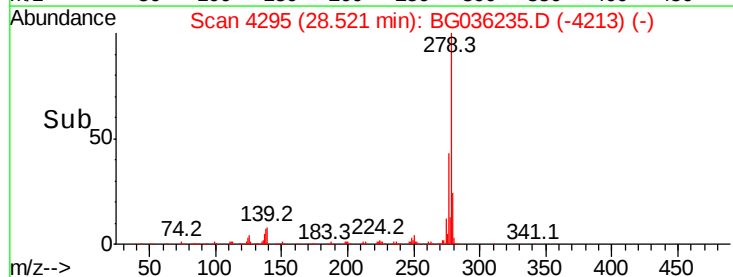
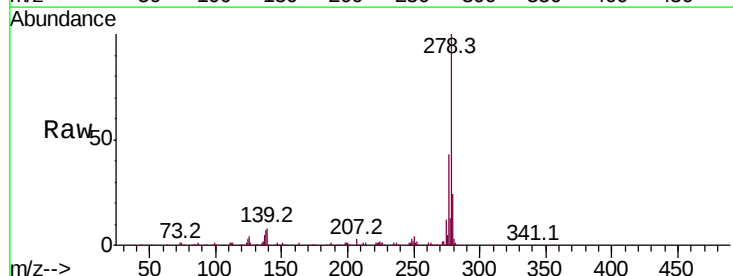
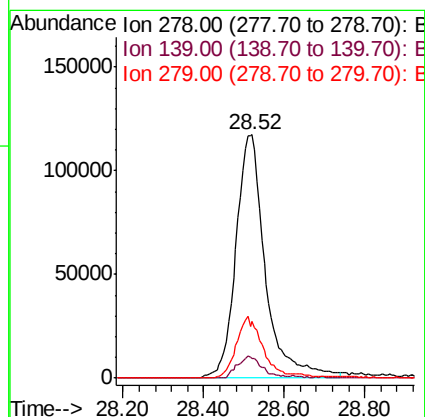
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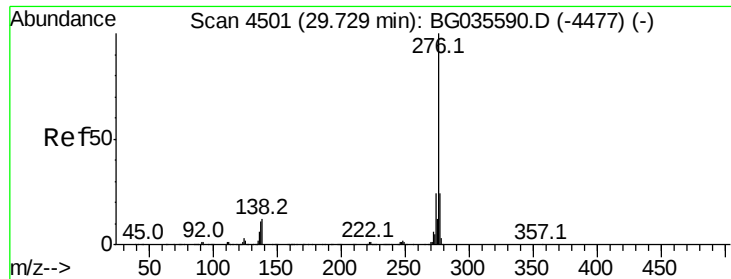
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 48.434 ng
RT: 28.52 min Scan# 4295
Delta R.T. -0.05 min
Lab File: BG036235.D
Acq: 9 Aug 2018 16:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.9	9.8	14.6#
279	23.5	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 49.511 ng
 RT: 29.60 min Scan# 4479
 Delta R.T. -0.03 min
 Lab File: BG036235.D
 Acq: 9 Aug 2018 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB111891BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.3	27.5
138	10.6	13.9	20.9

Manual Integrations
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