

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
 Data File : BG035786.D
 Acq On : 20 Jul 2018 16:12
 Operator : JU/SJ
 Sample : PB111042BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111042BSD

Manual Integrations
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 7/23/2018 2:18:57 PM

Quant Time: Jul 20 16:59:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	49172	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	178643	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	125050	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	338153	20.00	ng	0.00
75) Chrysene-d12	21.66	240	361578	20.00	ng	-0.02
86) Perylene-d12	24.86	264	350567	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	264084	89.16	ng	0.00
7) Phenol-d6	7.20	99	378677	85.69	ng	0.00
23) Nitrobenzene-d5	9.19	82	358950	83.94	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	155959	94.62	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	827258	88.63	ng	0.00
78) Terphenyl-d14	20.00	244	1476790	90.03	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	45576	30.234	ng	# 74
3) Pyridine	3.91	79	132213	33.597	ng	# 72
4) n-Nitrosodimethylamine	3.83	42	53419	31.614	ng	# 74
6) Aniline	7.36	93	158552	27.682	ng	98
8) 2-Chlorophenol	7.60	128	126292	41.926	ng	96
9) Benzaldehyde	7.17	77	76307	28.144	ng	97
10) Phenol	7.23	94	186971	41.880	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	127265	36.400	ng	92
12) 1,3-Dichlorobenzene	7.92	146	142334	39.129	ng	98
13) 1,4-Dichlorobenzene	8.06	146	139525	37.751	ng	98
14) 1,2-Dichlorobenzene	8.38	146	135713	38.223	ng	93
15) Benzyl Alcohol	8.27	79	144029	35.893	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.55	45	143906	49.095	ng	76
17) 2-Methylphenol	8.47	107	123723	40.761	ng	# 91
18) Hexachloroethane	9.11	117	55272	39.112	ng	94
19) n-Nitroso-di-n-propylamine	8.83	70	117535	31.586	ng	# 83
20) 3+4-Methylphenols	8.80	107	168323	39.974	ng	93
22) Acetophenone	8.85	105	213918	38.507	ng	# 89
24) Nitrobenzene	9.23	77	173736	40.397	ng	90
25) Isophorone	9.75	82	326130	41.083	ng	100
26) 2-Nitrophenol	9.94	139	73788	48.310	ng	# 92
27) 2,4-Dimethylphenol	10.00	122	128709	49.782	ng	88
28) bis(2-Chloroethoxy)methane	10.23	93	174157	39.814	ng	95
29) 2,4-Dichlorophenol	10.48	162	142071	48.138	ng	93
30) 1,2,4-Trichlorobenzene	10.69	180	155293	42.911	ng	99
31) Naphthalene	10.88	128	381386	40.984	ng	98
32) Benzoic acid	10.17	122	61712	35.456	ng	98
33) 4-Chloroaniline	11.00	127	80889	19.944	ng	98
34) Hexachlorobutadiene	11.16	225	121541	43.069	ng	97
35) Caprolactam	11.77	113	48080m	37.962	ng	
36) 4-Chloro-3-methylphenol	12.11	107	170487	43.096	ng	97
37) 2-Methylnaphthalene	12.48	142	293007	42.263	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	203921	43.205	ng	99
40) Hexachlorocyclopentadiene	12.83	237	275816	111.428	ng	93

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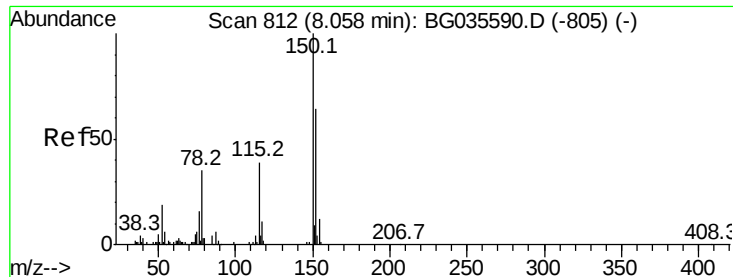
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	130543	47.295	ng	100
43) 2,4,5-Trichlorophenol	13.17	196	143909	46.606	ng	95
45) 1,1'-Biphenyl	13.49	154	409375	42.225	ng	99
46) 2-Chloronaphthalene	13.53	162	324787	43.068	ng	99
47) 2-Nitroaniline	13.73	65	110464	41.433	ng	91
48) Acenaphthylene	14.38	152	526829	41.705	ng	99
49) Dimethylphthalate	14.11	163	443072	40.440	ng	99
50) 2,6-Dinitrotoluene	14.23	165	102482	45.933	ng	91
51) Acenaphthene	14.72	154	309280	39.303	ng	99
52) 3-Nitroaniline	14.56	138	58548	25.675	ng	# 94
53) 2,4-Dinitrophenol	14.77	184	79701	70.334	ng	# 64
54) Dibenzofuran	15.05	168	519112	41.479	ng	94
55) 4-Nitrophenol	14.88	139	146457	90.184	ng	# 88
56) 2,4-Dinitrotoluene	15.02	165	148236	46.312	ng	# 82
57) Fluorene	15.70	166	436058	41.572	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.28	232	138846	46.899	ng	92
59) Diethylphthalate	15.47	149	446507	39.634	ng	96
60) 4-Chlorophenyl-phenylether	15.69	204	247040	40.071	ng	96
61) 4-Nitroaniline	15.73	138	97130	40.720	ng	# 86
62) Azobenzene	15.98	77	443304	39.892	ng	96
64) 4,6-Dinitro-2-methylphenol	15.78	198	67406	35.809	ng	86
65) n-Nitrosodiphenylamine	15.90	169	391574	40.683	ng	97
66) 4-Bromophenyl-phenylether	16.58	248	170408	43.437	ng	96
67) Hexachlorobenzene	16.70	284	174651	43.229	ng	94
68) Atrazine	16.85	200	181706	45.851	ng	97
69) Pentachlorophenol	17.05	266	144285	58.633	ng	99
70) Phenanthrene	17.44	178	710071	42.083	ng	98
71) Anthracene	17.53	178	718018	42.736	ng	98
72) Carbazole	17.80	167	661324	41.447	ng	98
73) Di-n-butylphthalate	18.35	149	765768	40.613	ng	# 98
74) Fluoranthene	19.44	202	954192	41.983	ng	97
76) Benzidine	19.63	184	374264	39.371	ng	98
77) Pyrene	19.81	202	944080	41.293	ng	98
79) Butylbenzylphthalate	20.69	149	357010	43.666	ng	# 95
80) Benzo(a)anthracene	21.64	228	954276	42.351	ng	99
81) 3,3'-Dichlorobenzidine	21.56	252	228058	29.027	ng	# 98
82) Chrysene	21.71	228	901873	43.192	ng	98
83) Bis(2-ethylhexyl)phthalate	21.54	149	496332	44.654	ng	99
84) Di-n-octyl phthalate	22.74	149	851407	45.748	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.51	276	1025336	44.353	ng	# 86
87) Benzo(b)fluoranthene	23.84	252	931222	43.704	ng	# 96
88) Benzo(k)fluoranthene	23.92	252	891178	42.781	ng	# 97
89) Benzo(a)pyrene	24.71	252	889965	44.896	ng	# 98
90) Dibenzo(a,h)anthracene	28.57	278	861033	44.244	ng	97
91) Benzo(g,h,i)perylene	29.65	276	855776	44.938	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 806

Delta R.T. -0.02 min

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BNA_G

ClientSampleId :

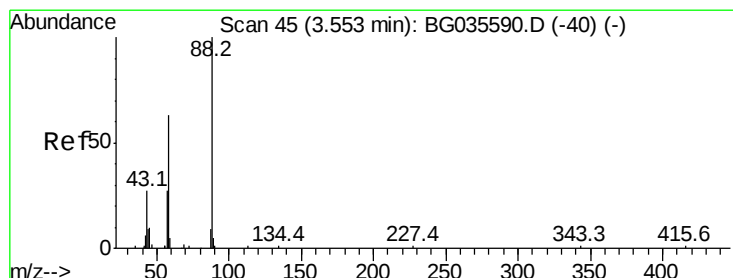
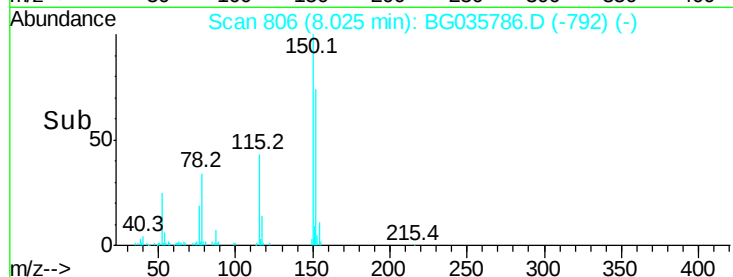
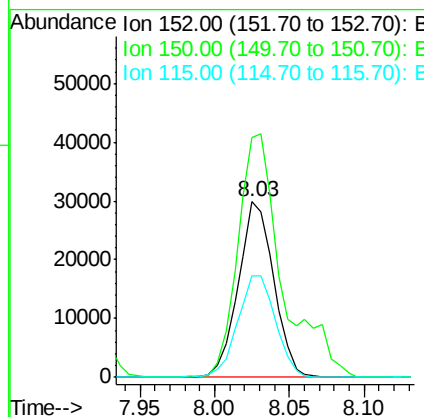
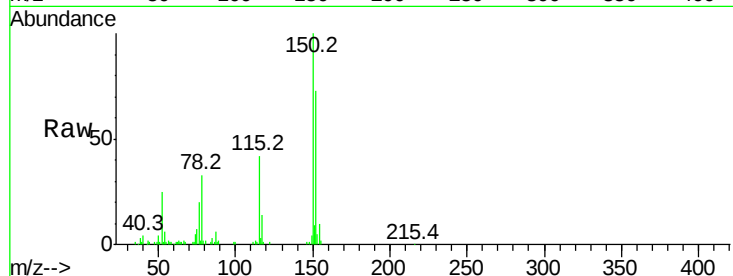
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Tot Ion	Ratio	Lower	Upper
152	100		
150	136.4	126.6	189.8
115	58.0	53.0	79.4

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#2

1,4-Dioxane

Concen: 30.234 ng

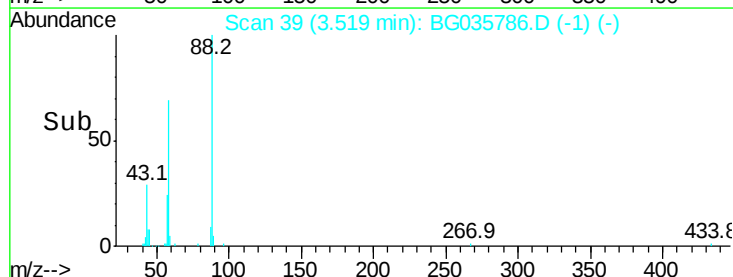
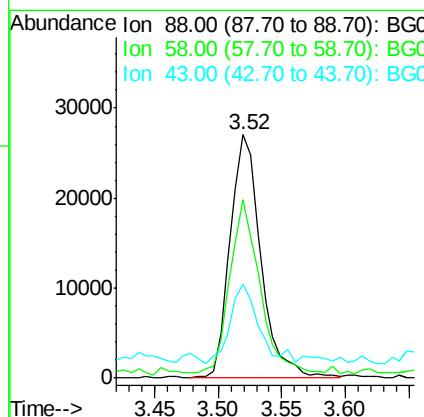
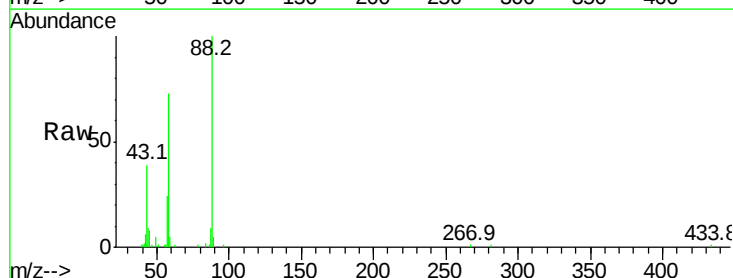
RT: 3.52 min Scan# 39

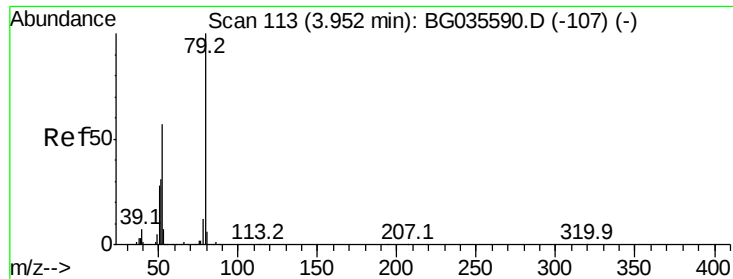
Delta R.T. -0.02 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.2	79.6	119.4#
43	29.1	27.4	41.0





#3

Pvridine

Concen: 33.597 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.02 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Instrument :

BNA_G

ClientSampleId :

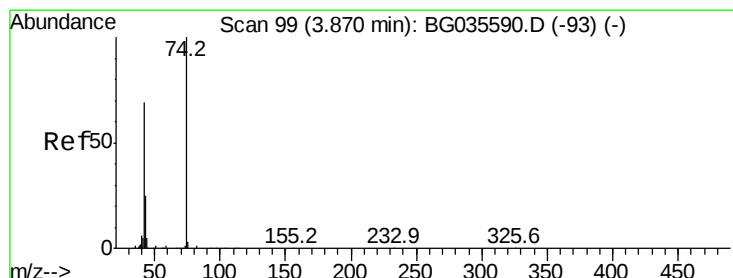
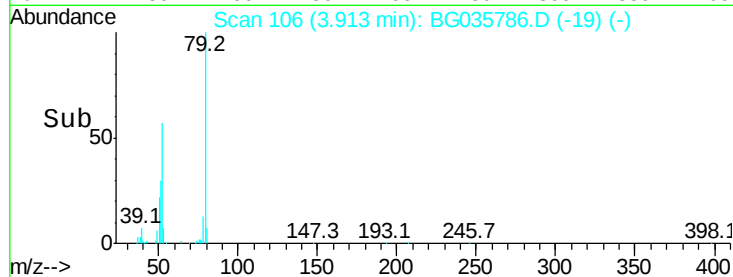
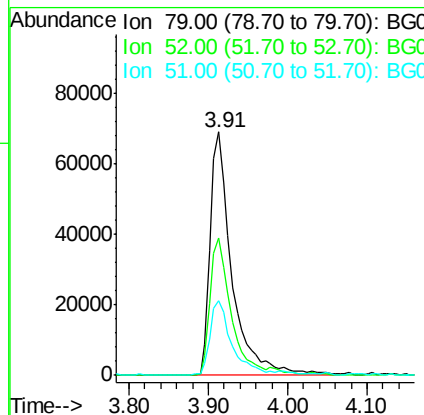
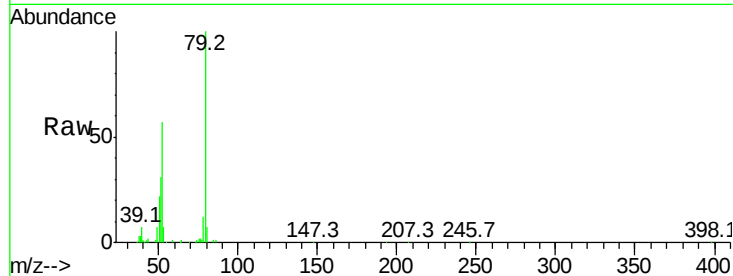
PB111042BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	56.7	69.9	104.9#		
51	30.6	34.0	51.0#		

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#4

n-Nitrosodimethylamine

Concen: 31.614 ng

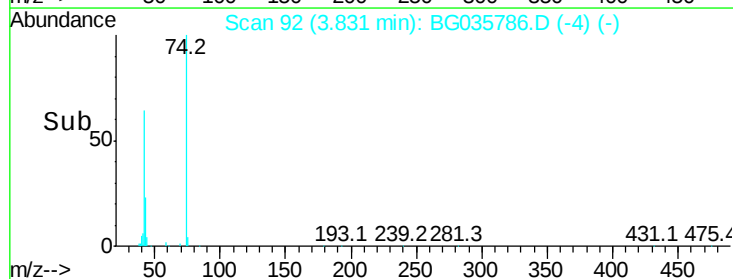
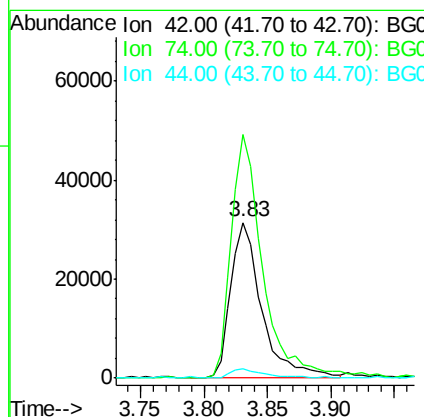
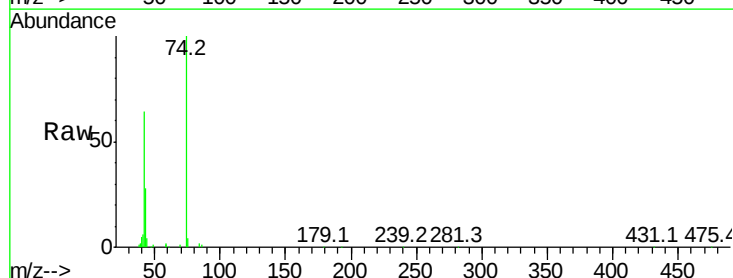
RT: 3.83 min Scan# 92

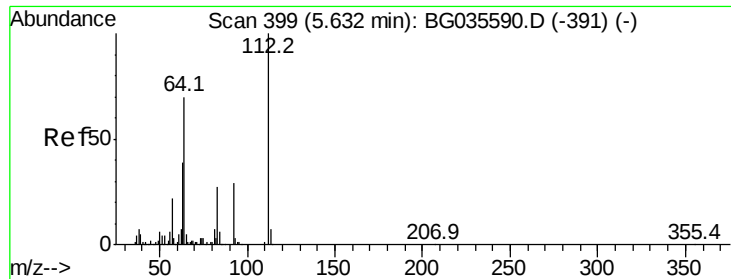
Delta R.T. -0.02 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	156.2	102.5	153.7#		
44	6.3	18.9	28.3#		





#5

2-Fluorophenol

Concen: 89.165 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.01 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Instrument :

BNA_G

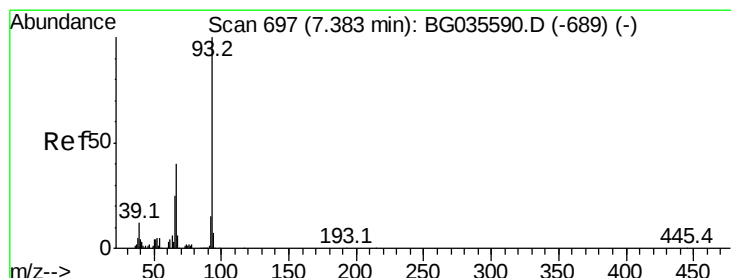
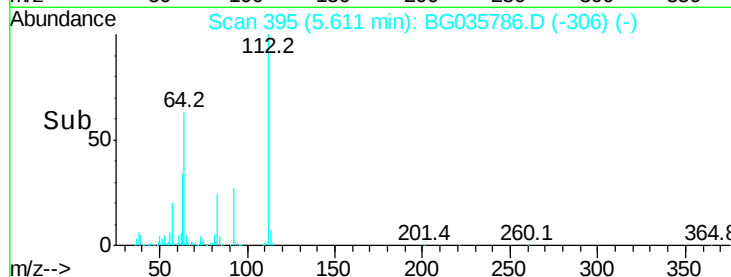
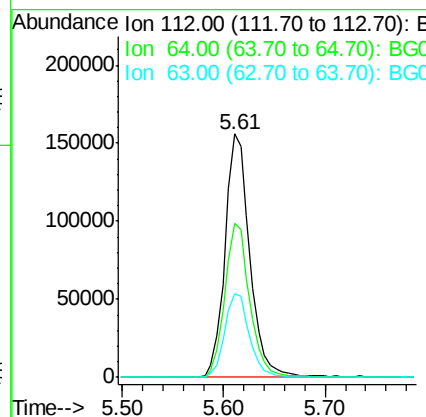
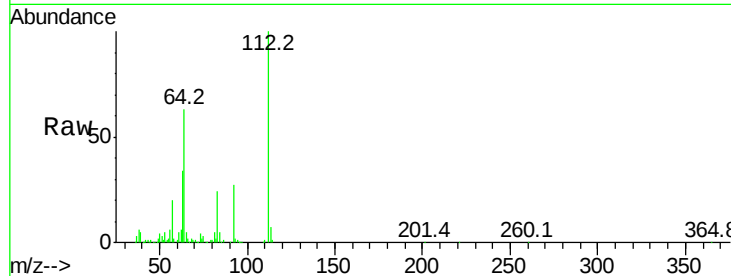
ClientSampleId :

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Tot Ion:	112	Resp:	264084
Ion Ratio	Lower	Upper	
112	100		
64	63.0	56.3	84.5
63	34.1	30.1	45.1

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#6

Aniline

Concen: 27.682 ng

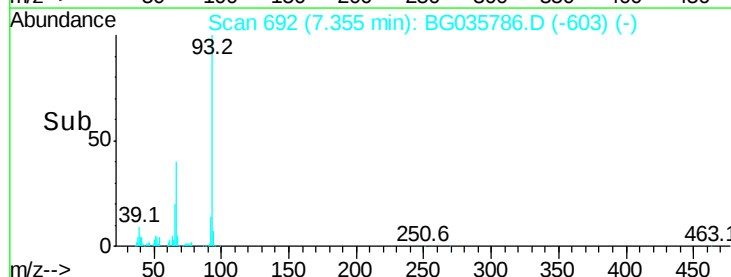
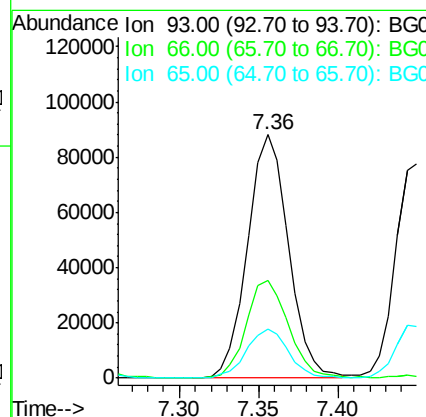
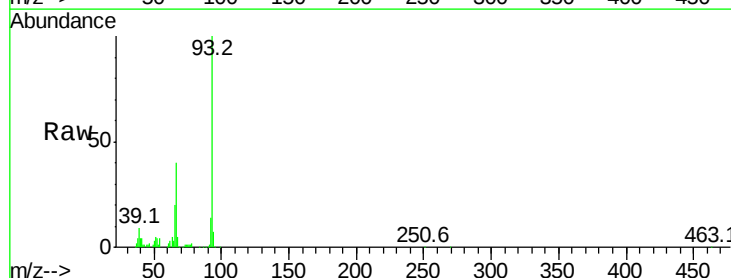
RT: 7.36 min Scan# 692

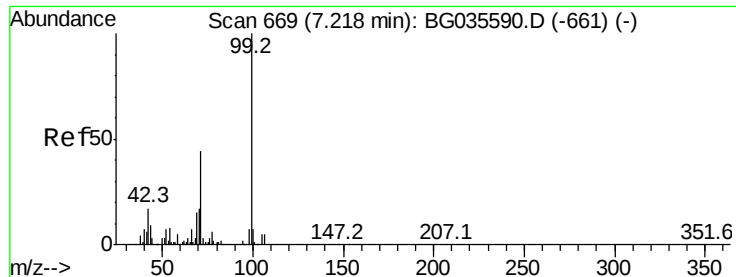
Delta R.T. -0.01 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Tgt Ion:	93	Resp:	158552
Ion Ratio	Lower	Upper	
93	100		
66	40.2	33.7	50.5
65	19.9	16.1	24.1





#7

Phenol-d6

Concen: 85.695 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Instrument :

BNA_G

ClientSampled :

PB111042BSD

Tot Ion: 99 Resp: 378677

Ion Ratio Lower Upper

99 100

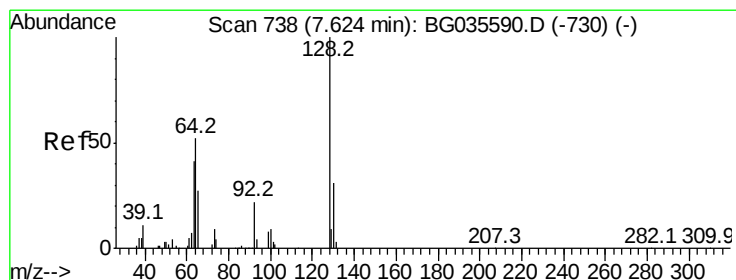
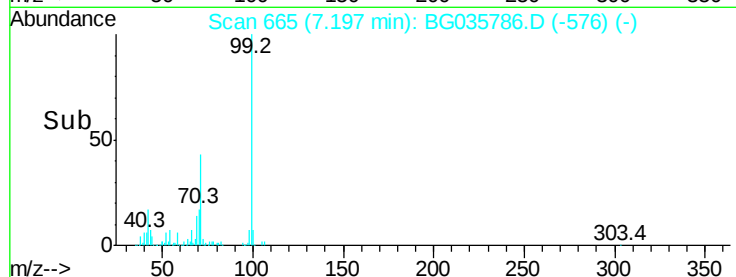
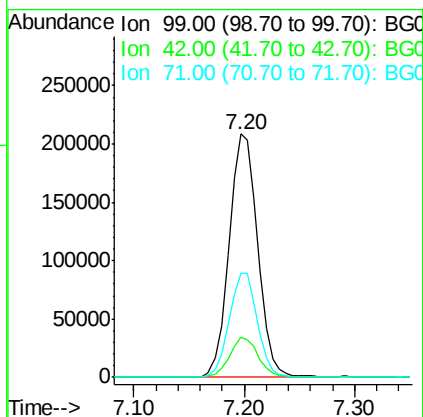
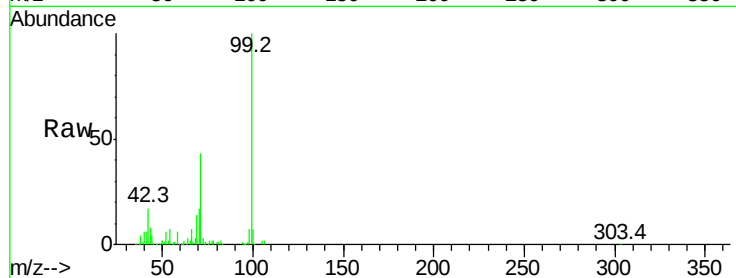
42 16.5 14.1 21.1

71 42.7 26.1 39.1#

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#8

2-Chlorophenol

Concen: 41.926 ng

RT: 7.60 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

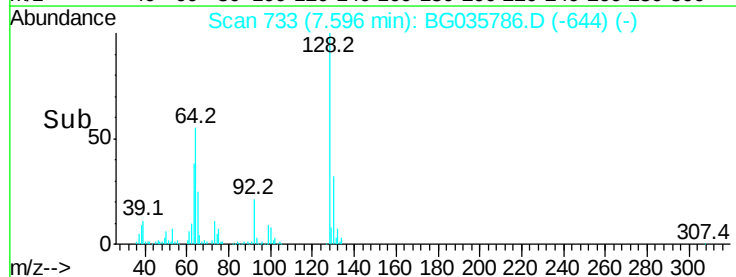
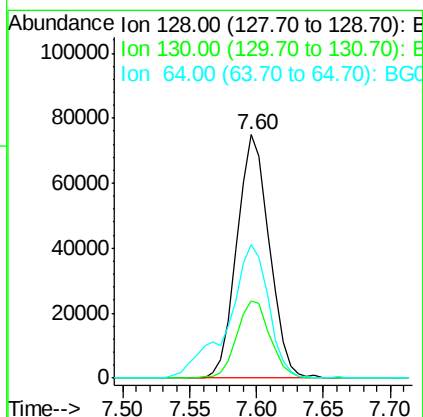
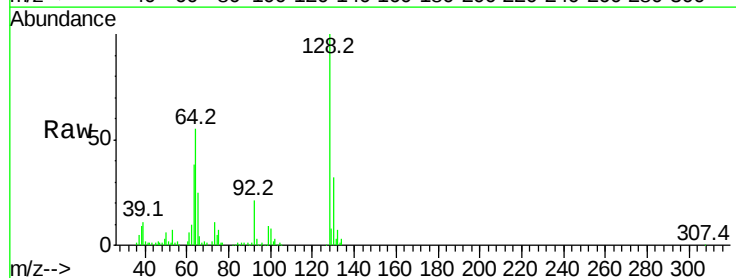
Tgt Ion: 128 Resp: 126292

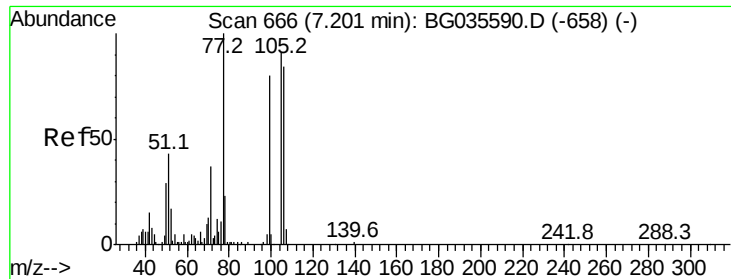
Ion Ratio Lower Upper

128 100

130 31.6 14.0 54.0

64 55.0 37.7 77.7





#9

Benzaldehyde

Concen: 28.144 ng

RT: 7.17 min Scan# 660

Delta R.T. -0.01 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Instrument :

BNA_G

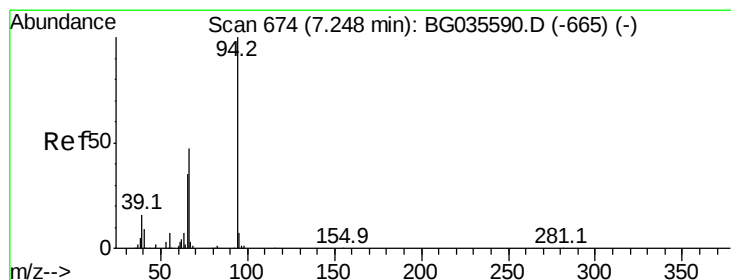
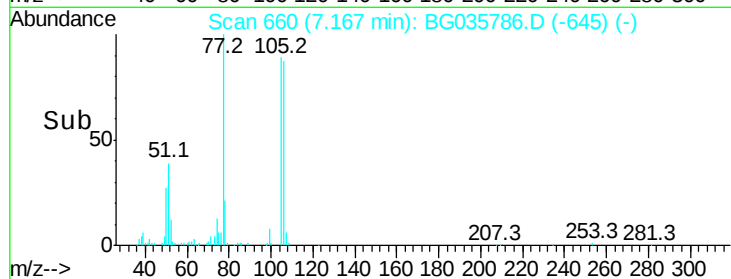
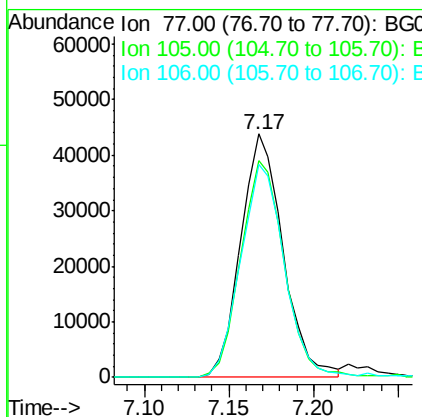
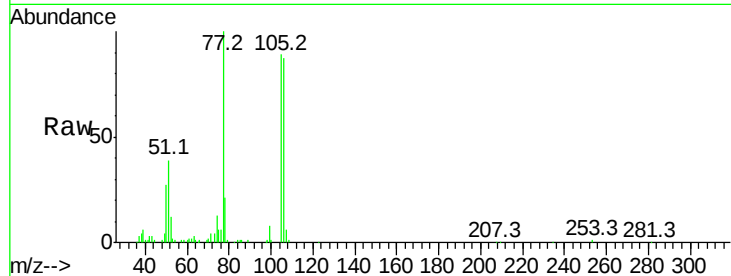
ClientSampleId :

PB111042BSD

Tot Ion:	77	Resp:	76307
Ion	Ratio	Lower	Upper
77	100		
105	89.2	71.3	111.3
106	87.3	64.2	104.2

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#10

Phenol

Concen: 41.880 ng

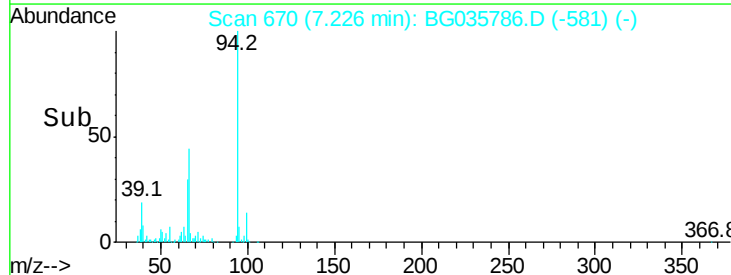
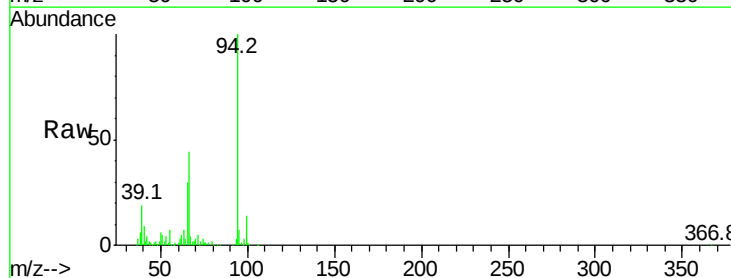
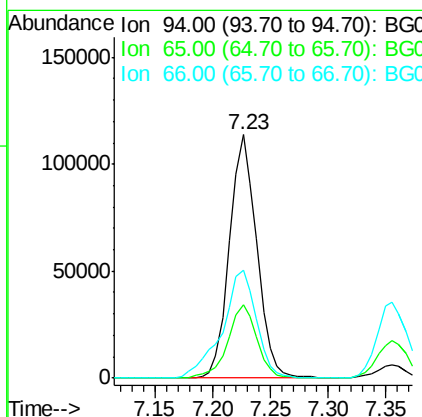
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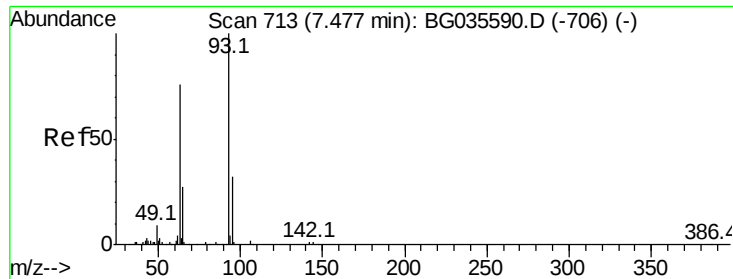
Delta R.T. -0.01 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Tgt Ion:	94	Resp:	186971
Ion	Ratio	Lower	Upper
94	100		
65	30.4	11.9	51.9
66	44.5	22.2	62.2





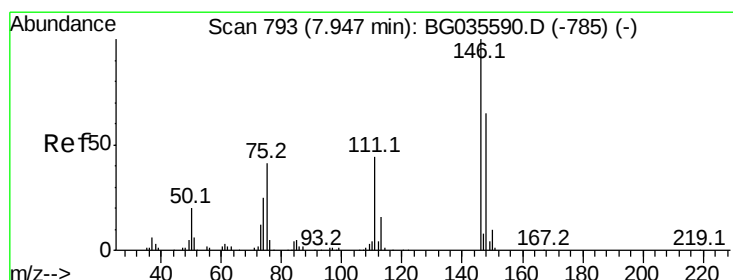
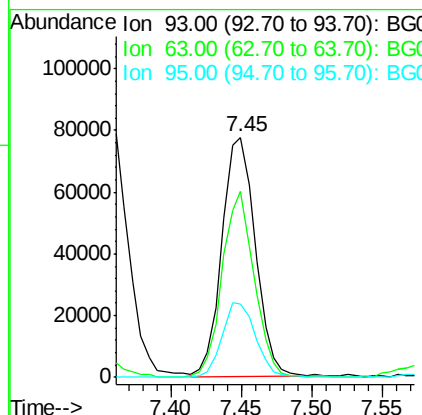
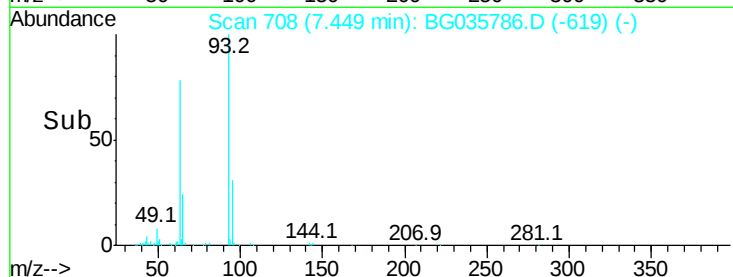
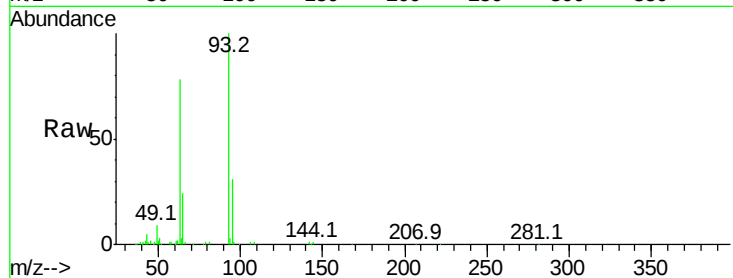
#11
bis(2-Chloroethyl)ether
Concen: 36.400 ng
RT: 7.45 min Scan# 708
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Instrument :
BNA_G
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.6	67.1	107.1
95	30.8	11.5	51.5

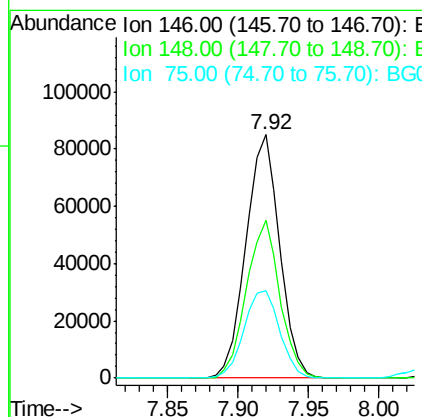
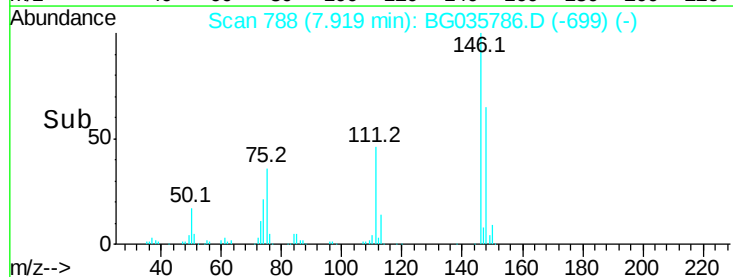
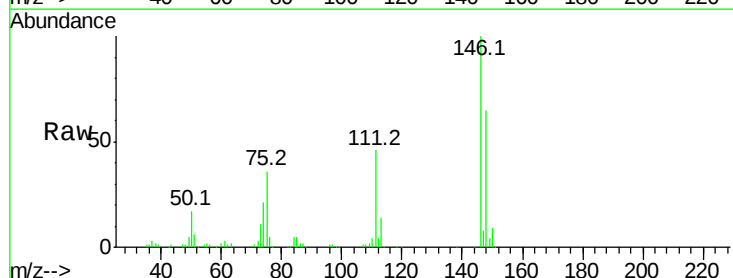
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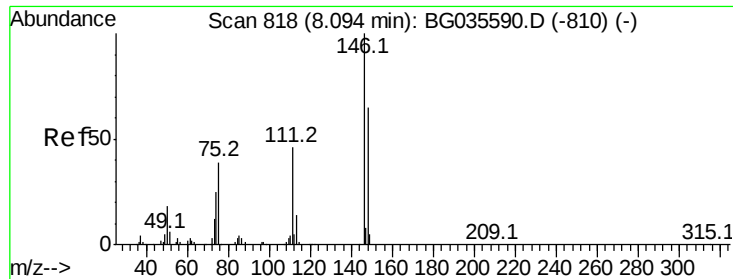
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.129 ng
RT: 7.92 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.2
75	35.9	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 37.751 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.02 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Instrument :

BNA_G

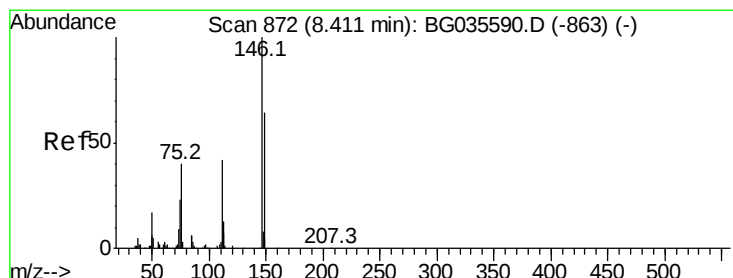
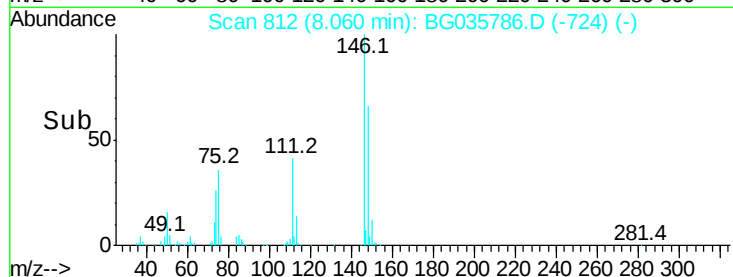
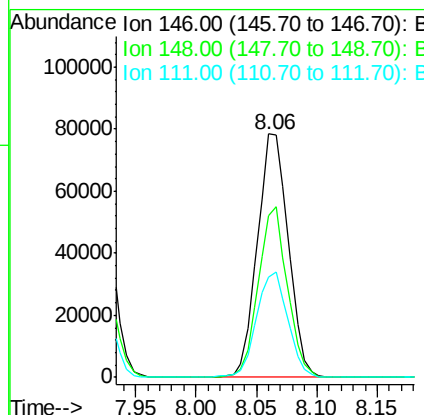
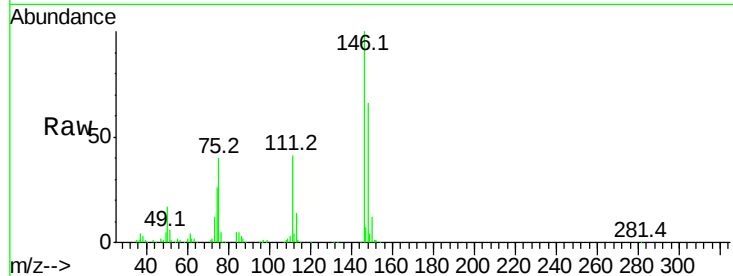
ClientSampleId :

PB111042BSD

Tot Ion:	146	Resp:	139525
Ion Ratio	Lower	Upper	
146	100		
148	66.4	53.7	80.5
111	41.1	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 38.223 ng

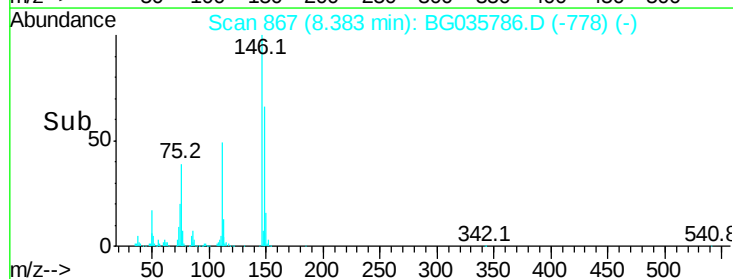
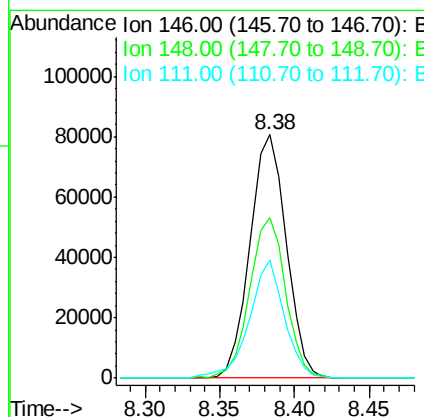
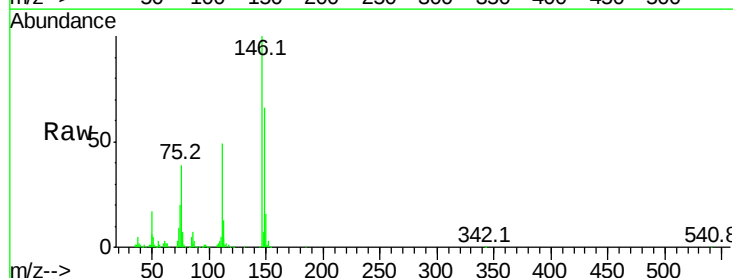
RT: 8.38 min Scan# 867

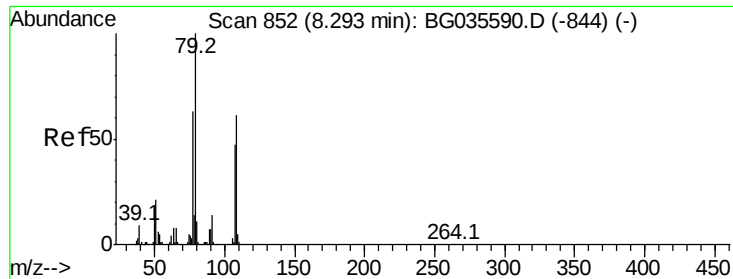
Delta R.T. -0.01 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Tgt Ion:	146	Resp:	135713
Ion Ratio	Lower	Upper	
146	100		
148	66.0	49.3	73.9
111	48.6	34.3	51.5





#15

Benzyl Alcohol

Concen: 35.893 ng

RT: 8.27 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Instrument :

BNA_G

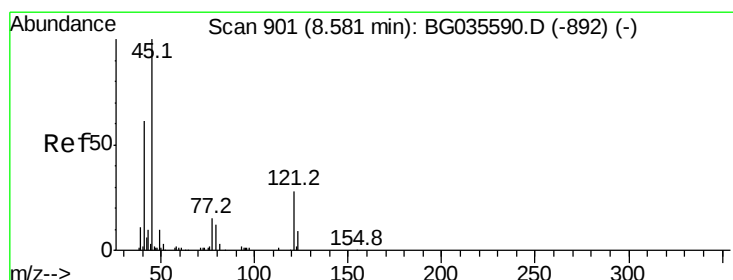
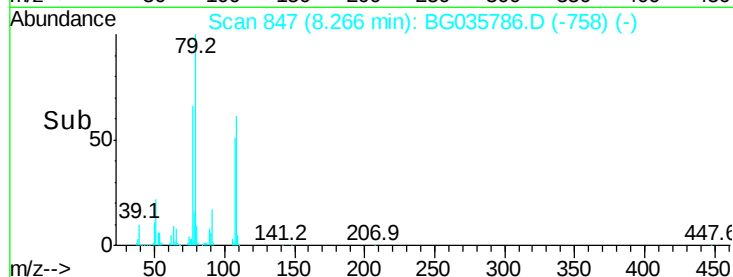
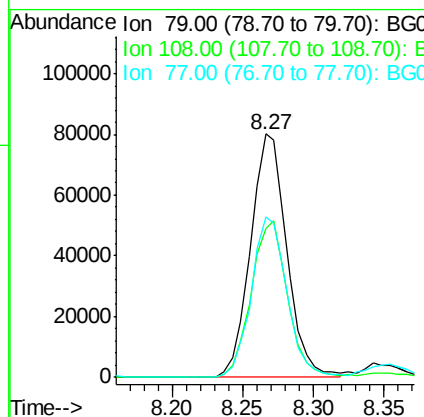
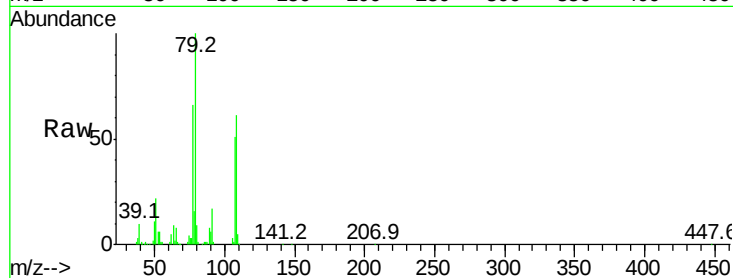
ClientSampleID :

PB111042BSD

Tot Ion:	79	Resp:	144029
Ion Ratio	Lower	Upper	
79	100		
108	61.1	57.2	85.8
77	66.0	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.095 ng

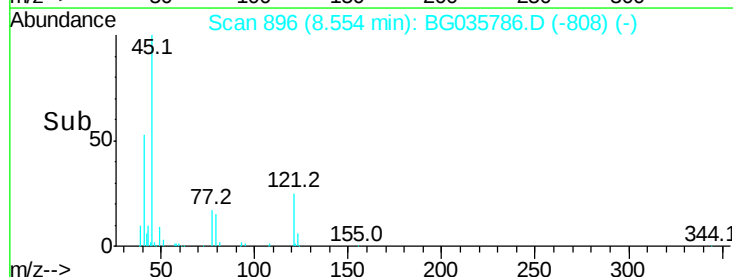
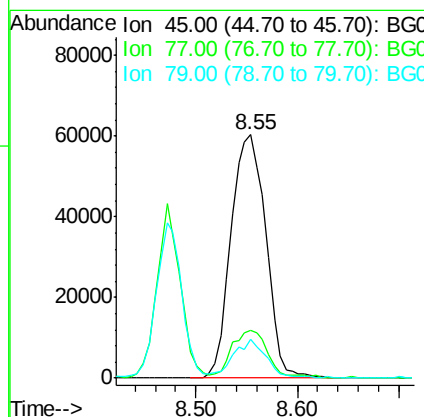
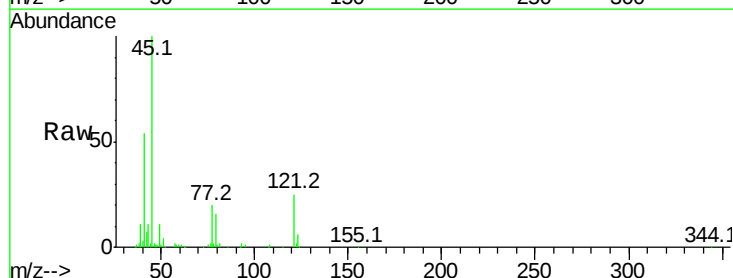
RT: 8.55 min Scan# 896

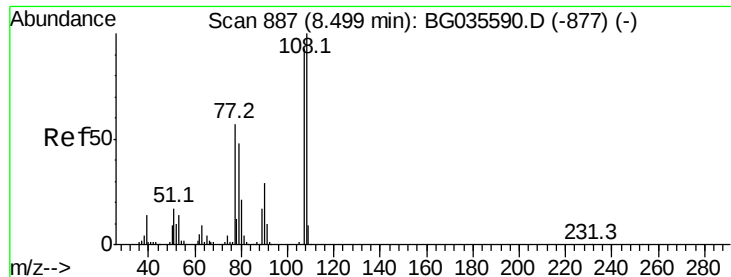
Delta R.T. -0.02 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Tgt Ion:	45	Resp:	143906
Ion Ratio	Lower	Upper	
45	100		
77	19.9	0.0	30.2
79	15.8	0.0	27.9





#17

2-Methylphenol

Concen: 40.761 ng

RT: 8.47 min Scan# 882

Delta R.T. -0.01 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Instrument :

BNA_G

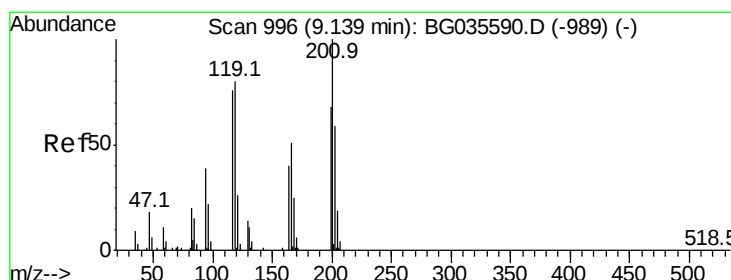
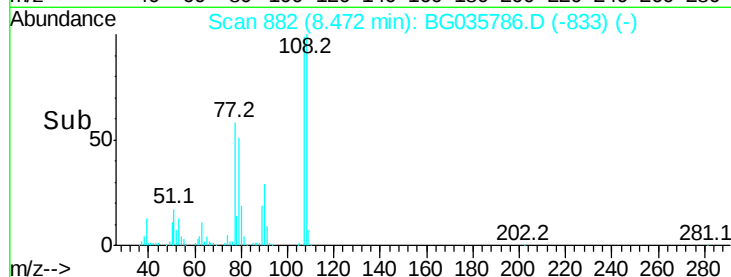
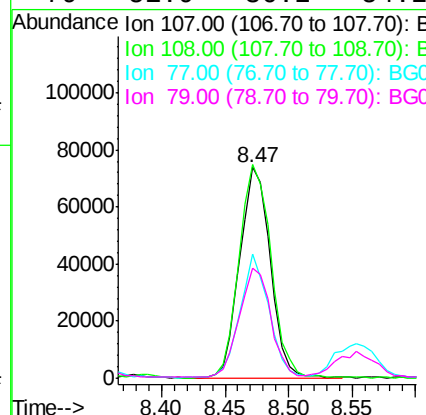
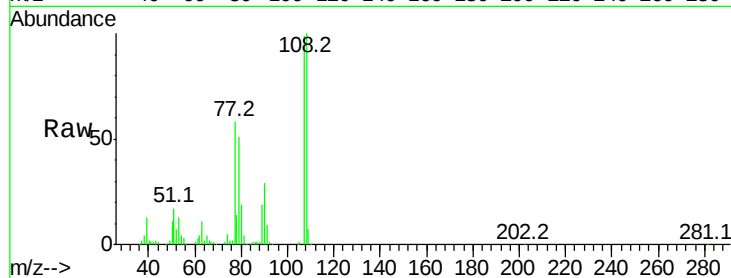
ClientSampleId :

PB111042BSD

Tot Ion	107	Resp	123723
Ion Ratio	Lower	Upper	
107	100		
108	101.2	83.9	125.9
77	58.5	37.2	55.8#
79	51.9	36.2	54.2

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#18

Hexachloroethane

Concen: 39.112 ng

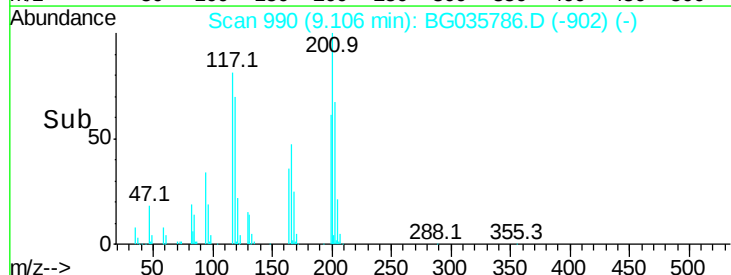
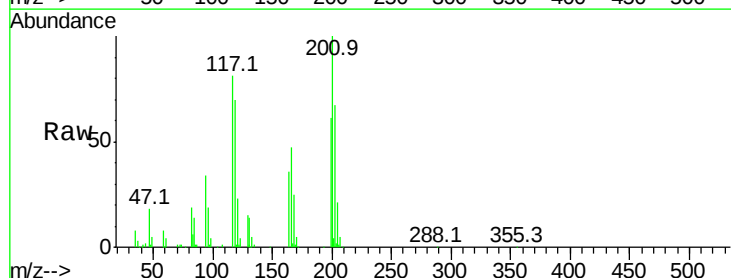
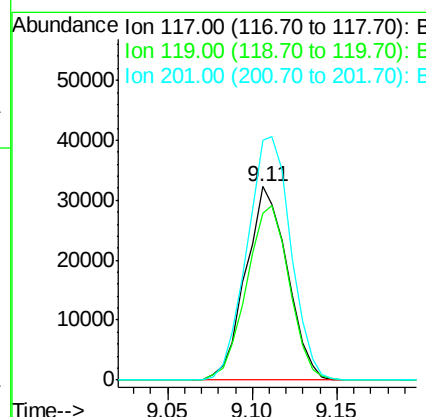
RT: 9.11 min Scan# 990

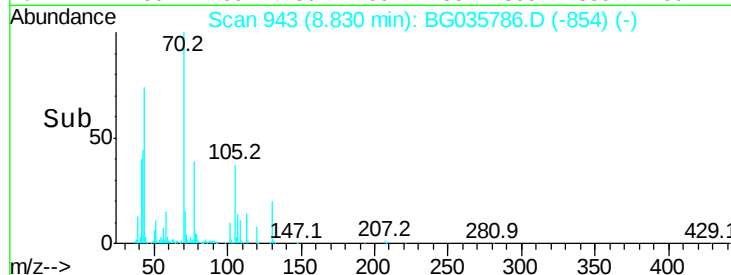
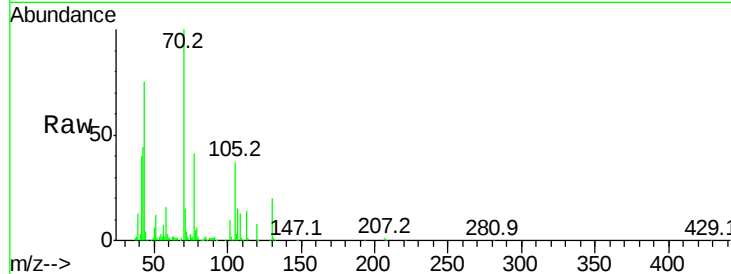
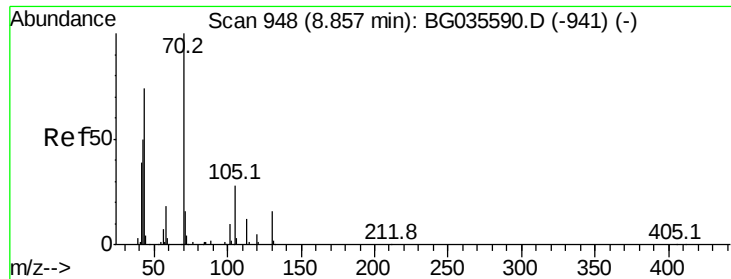
Delta R.T. -0.02 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Tgt Ion	117	Resp	55272
Ion Ratio	Lower	Upper	
117	100		
119	86.1	76.7	115.1
201	123.6	95.7	143.5





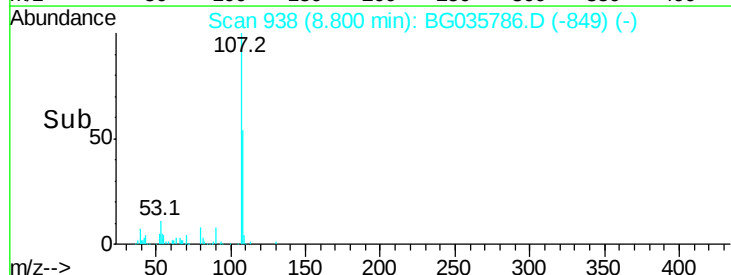
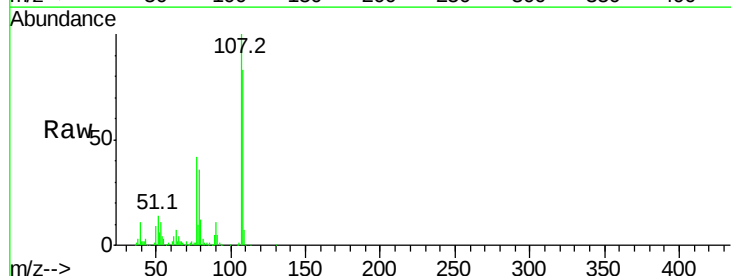
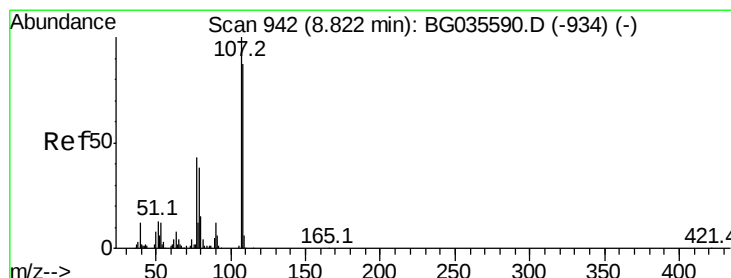
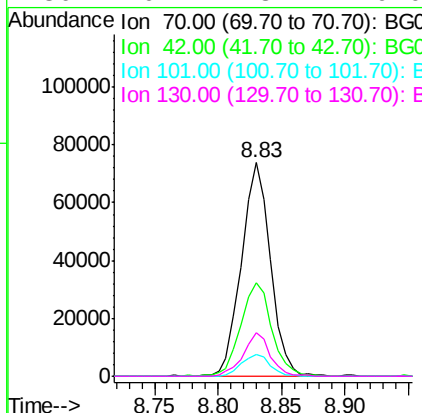
#19
n-Nitroso-di-n-propylamine
Concen: 31.586 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Instrument :
BNA_G
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.0	49.1	73.7#
101	10.0	8.5	12.7
130	20.2	13.4	20.0#

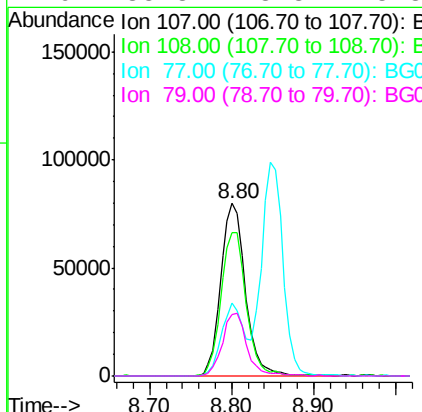
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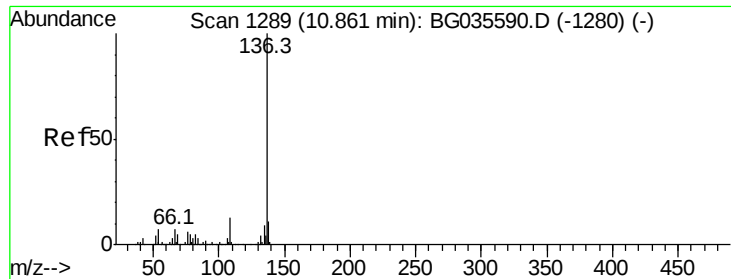
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#20
3+4-Methylphenols
Concen: 39.974 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.3	61.6	101.6
77	42.2	13.9	53.9
79	35.8	8.8	48.8





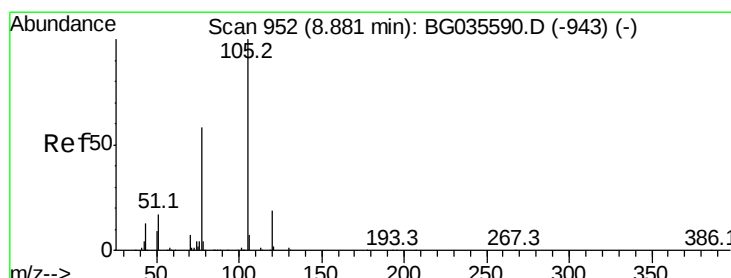
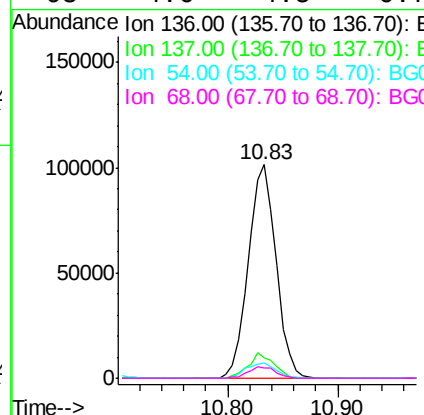
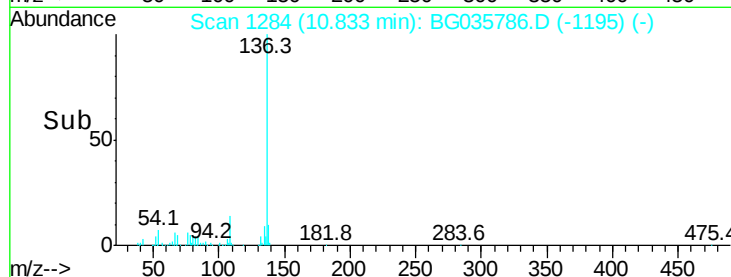
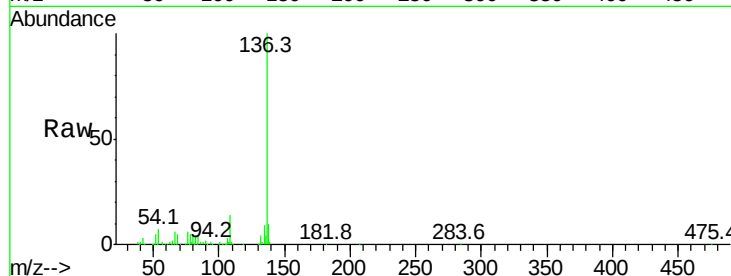
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Instrument :
BNA_G
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	178643		
137	9.7		9.2	13.8
54	7.2		10.3	15.5#
68	4.6		4.5	6.7

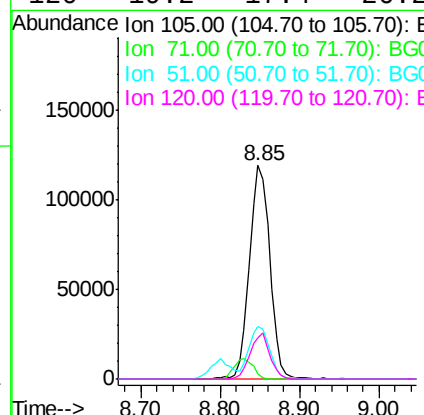
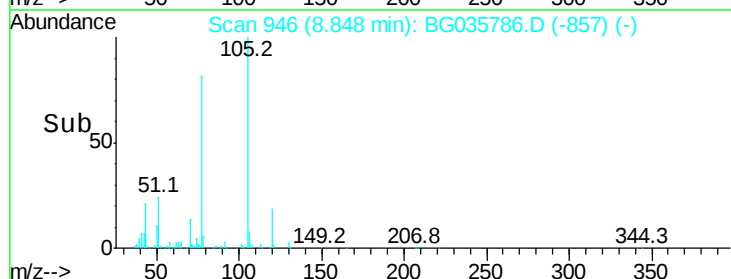
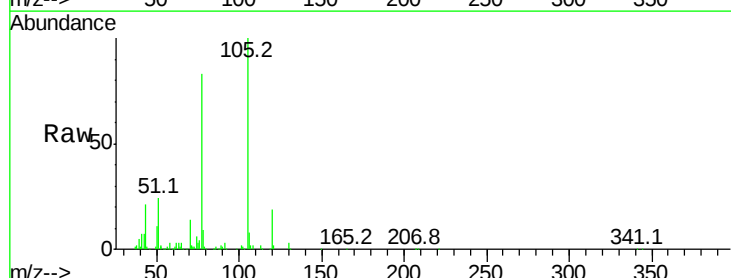
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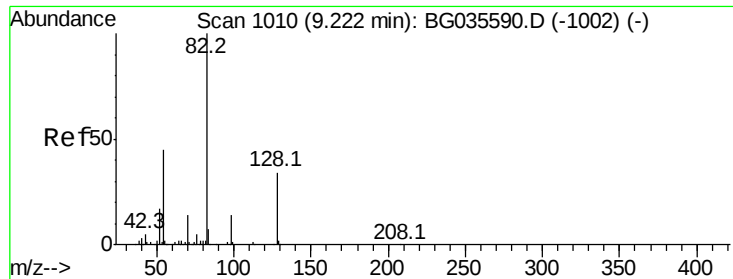
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#22
Acetophenone
Concen: 38.507 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	213918		
71	2.3		3.0	4.4#
51	24.3		26.1	39.1#
120	19.2		17.4	26.2





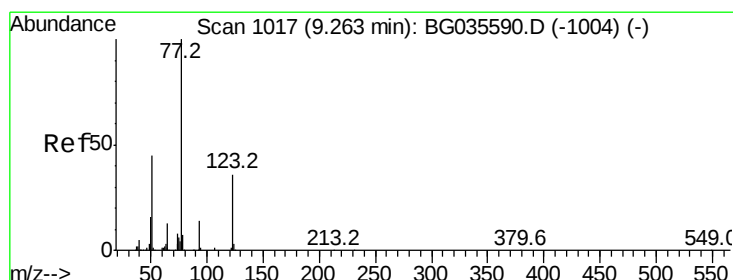
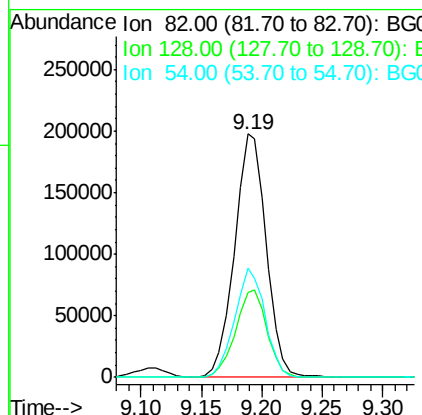
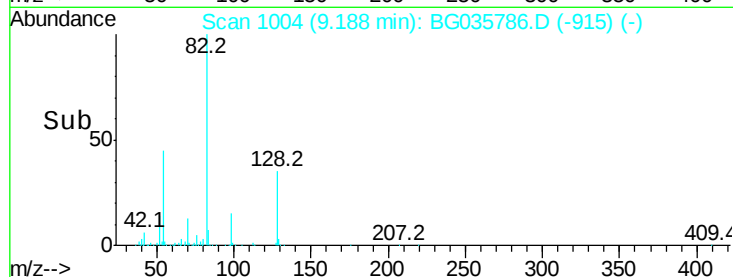
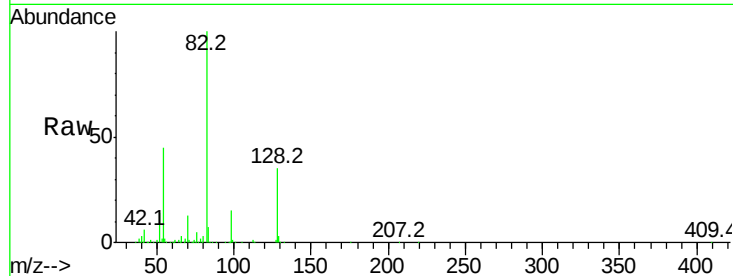
#23
 Nitrobenzene-d5
 Concen: 83.939 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BG035786.D
 Acq: 20 Jul 2018 16:12

Instrument :
 BNA_G
 ClientSampleId :
 PB111042BSD

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	34.8	29.7	44.5
54	45.0	43.1	64.7

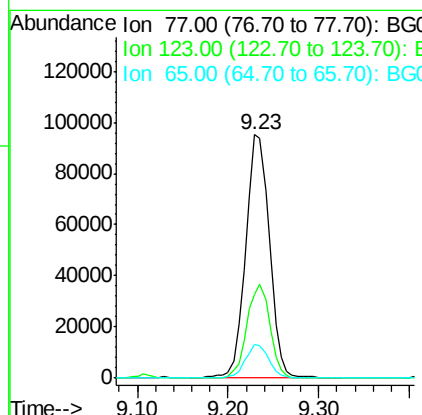
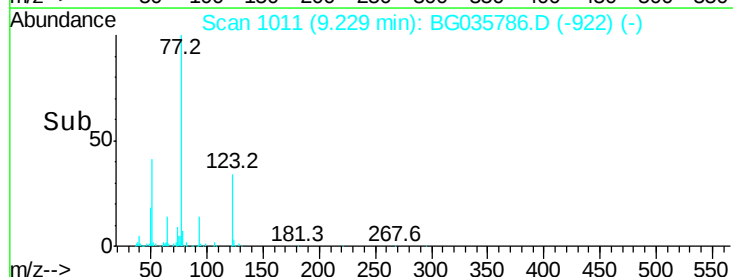
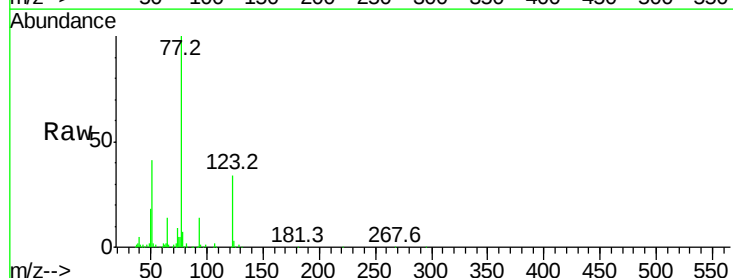
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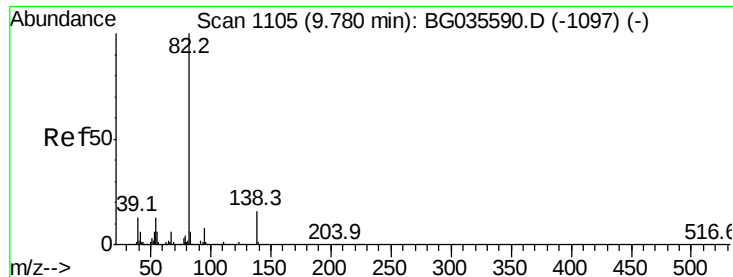
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#24
 Nitrobenzene
 Concen: 40.397 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG035786.D
 Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	34.1	33.0	49.6
65	13.7	13.0	19.6





#25

Isophorone

Concen: 41.083 ng

RT: 9.75 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Instrument :

BNA_G

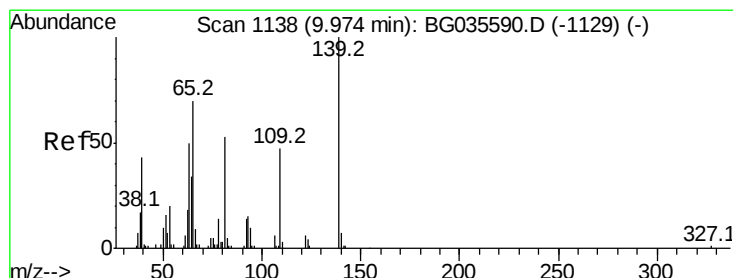
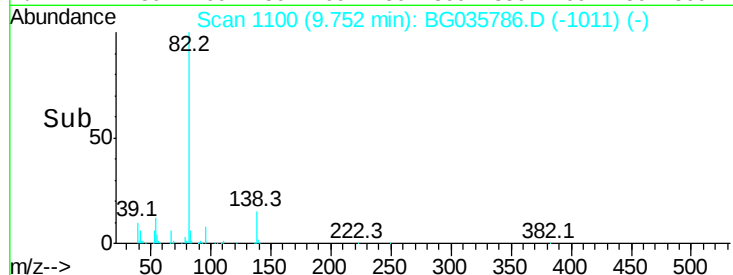
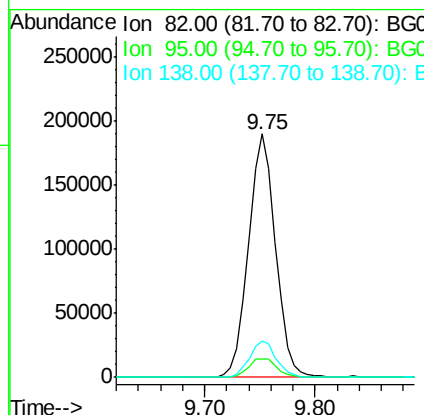
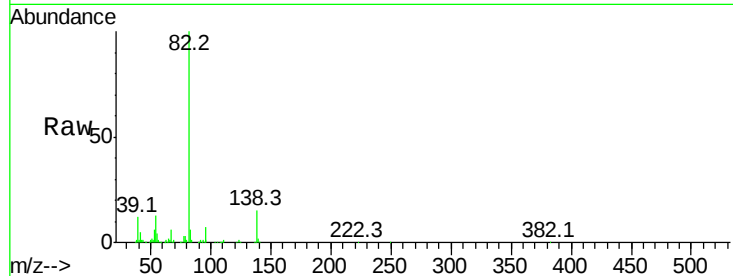
ClientSampleId :

PB111042BSD

Tot Ion:	82	Resp:	326130
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.2	9.2
138	15.1	12.1	18.1

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#26

2-Nitrophenol

Concen: 48.310 ng

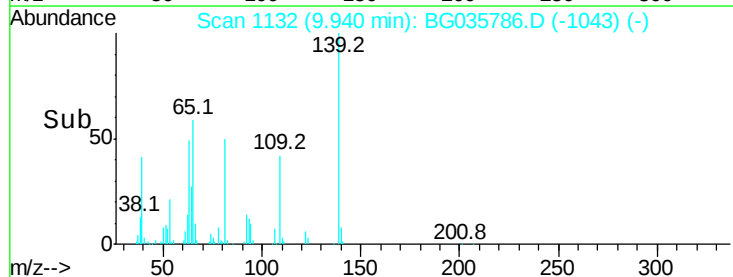
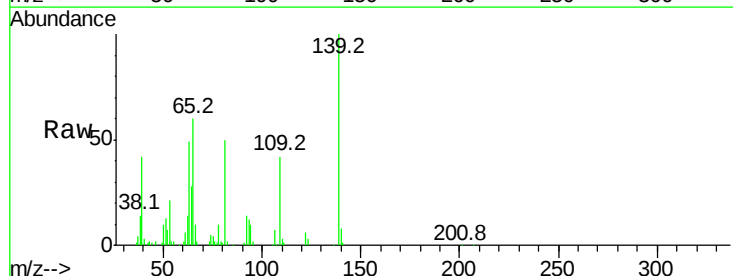
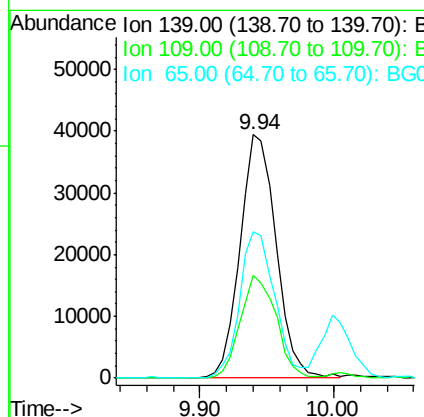
RT: 9.94 min Scan# 1132

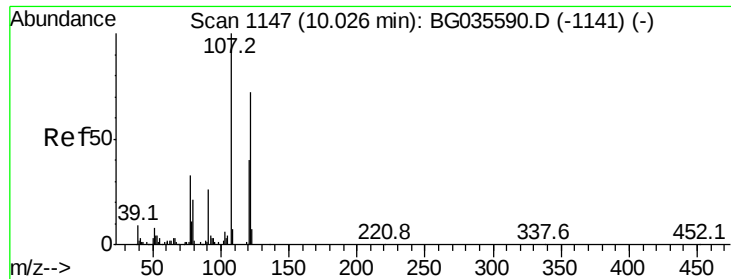
Delta R.T. -0.01 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Tgt Ion:	139	Resp:	73788
Ion Ratio	Lower	Upper	
139	100		
109	42.0	24.2	36.2#
65	60.1	47.4	71.0





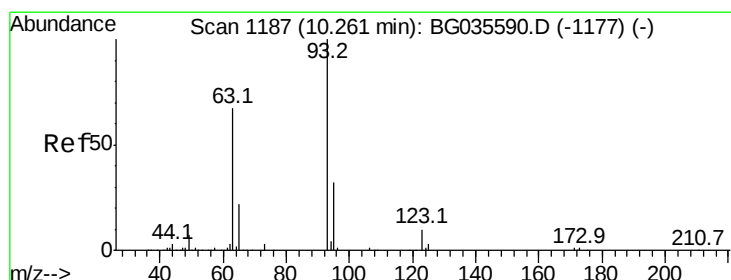
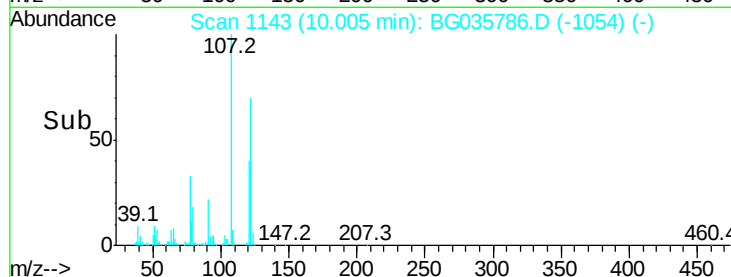
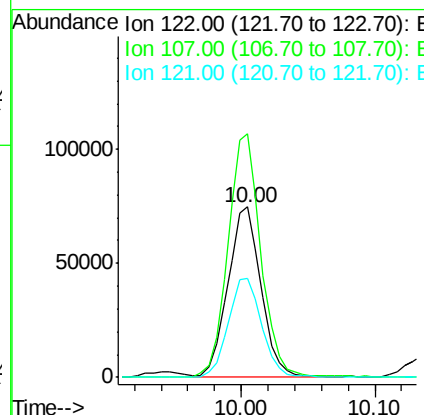
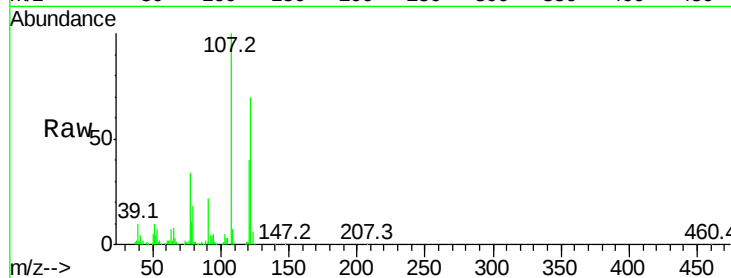
#27
2,4-Dimethylphenol
Concen: 49.782 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Instrument :
BNA_G
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	142.9	100.2	150.2
121	57.9	44.4	66.6

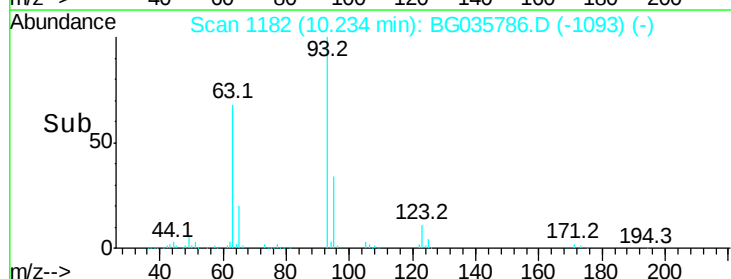
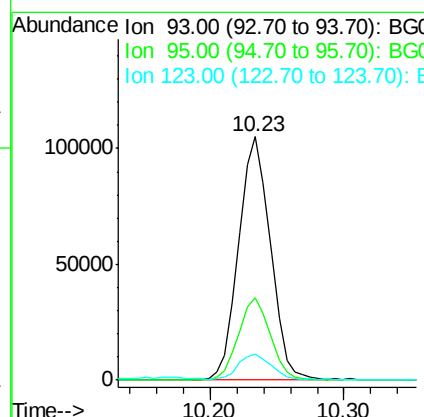
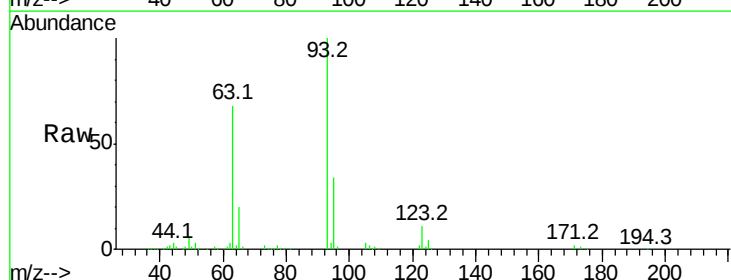
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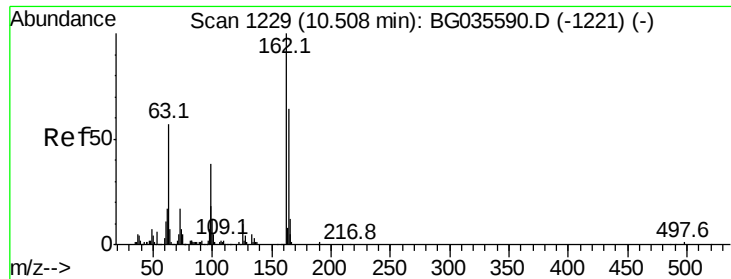
Sohil
7/23/2018 2:18:57 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.814 ng
RT: 10.23 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	24.3	36.5
123	10.6	8.4	12.6





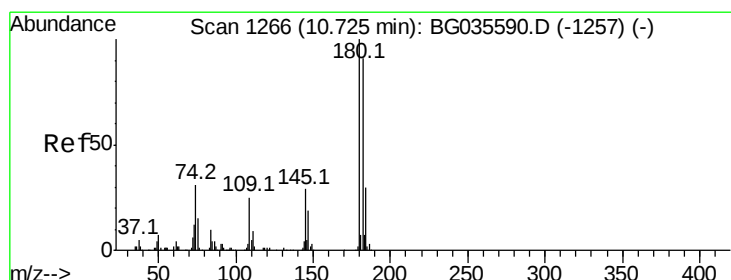
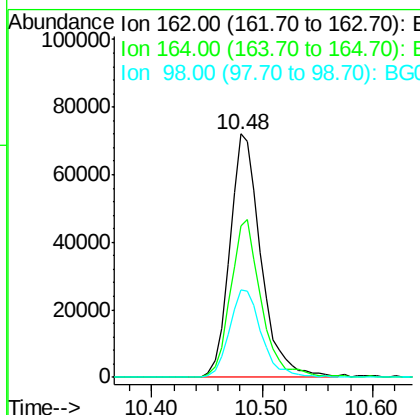
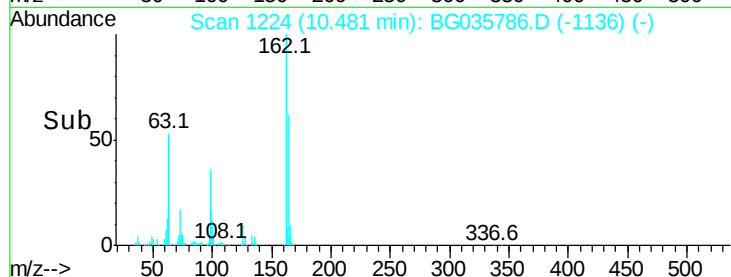
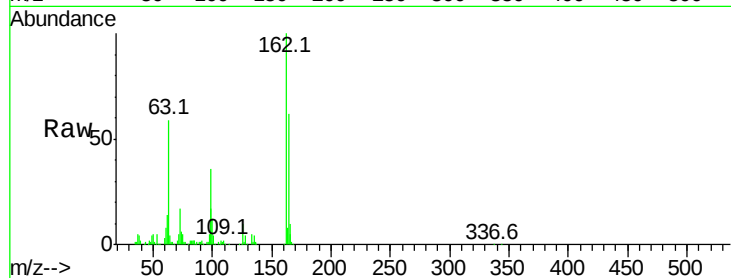
#29
2,4-Dichlorophenol
Concen: 48.138 ng
RT: 10.48 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Instrument :
BNA_G
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.4	48.0	88.0
98	36.0	21.1	61.1

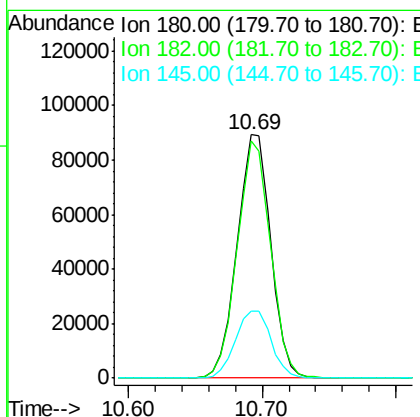
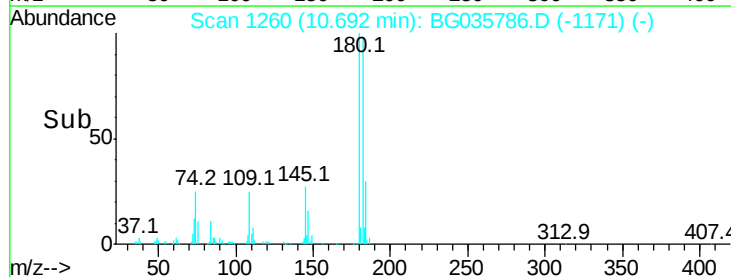
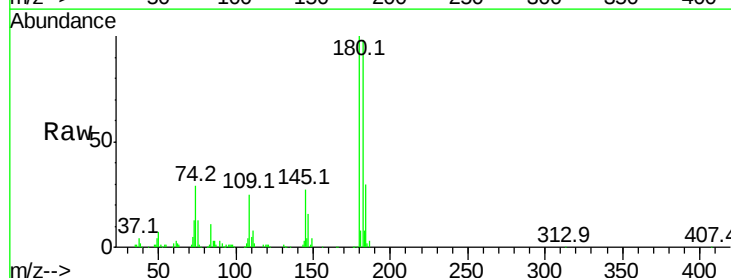
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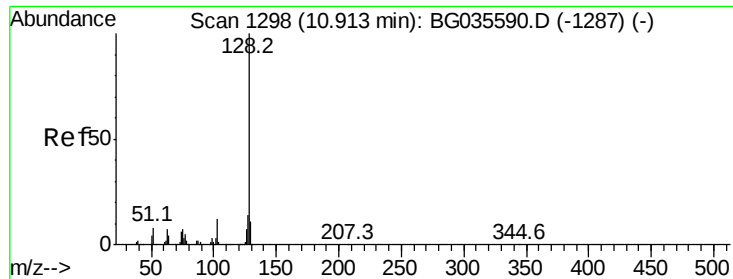
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 42.911 ng
RT: 10.69 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.7	77.5	116.3
145	27.3	23.4	35.2





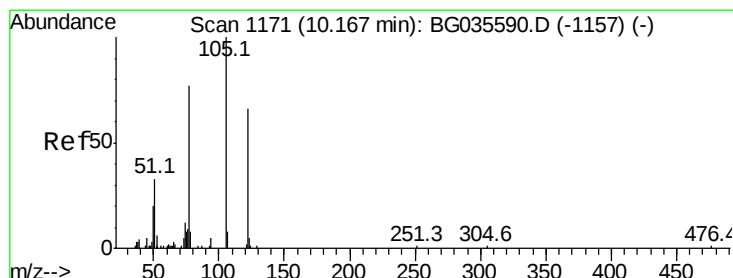
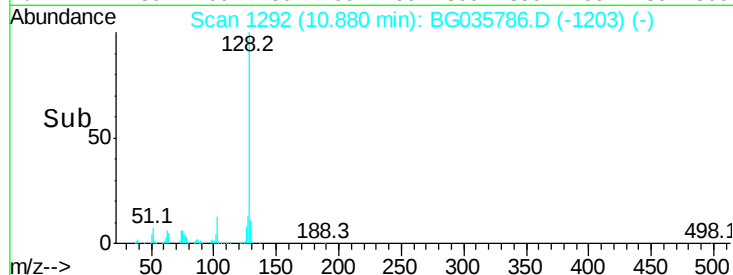
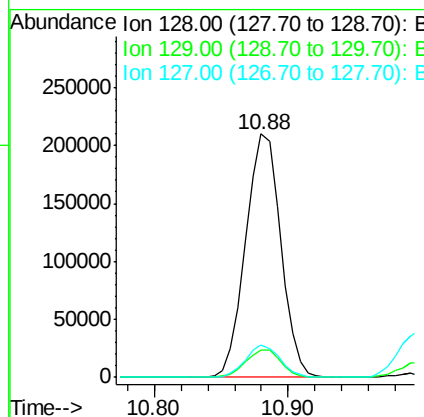
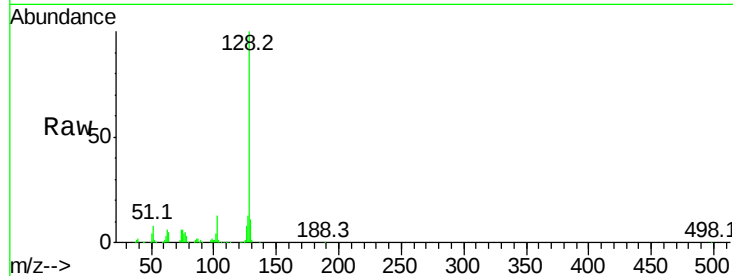
#31
Naphthalene
Concen: 40.984 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Instrument :
BNA_G
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	8.6	12.8	
127	13.1	11.6	17.4	

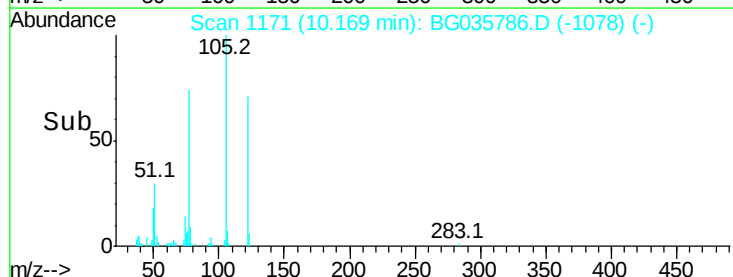
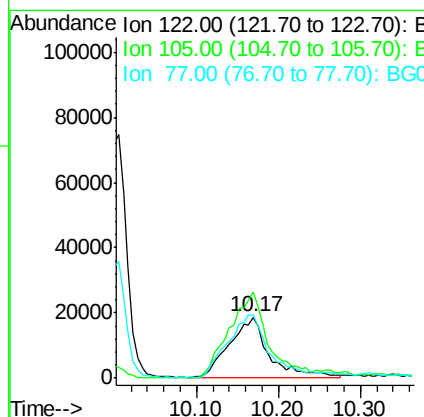
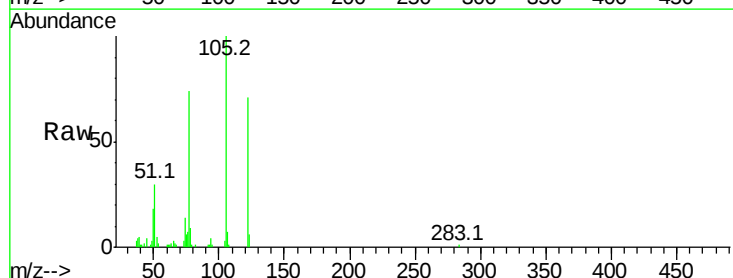
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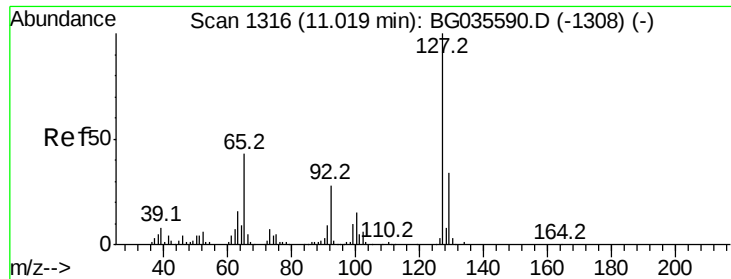
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#32
Benzoic acid
Concen: 35.456 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	140.4	123.5	163.5	
77	103.9	85.7	125.7	





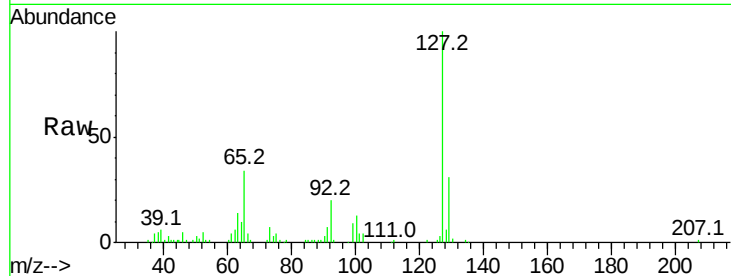
#33
4-Chloroaniline
Concen: 19.944 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Instrument :
BNA_G
ClientSampleId :
PB111042BSD

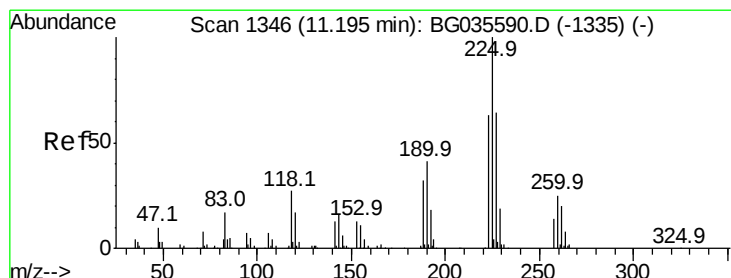
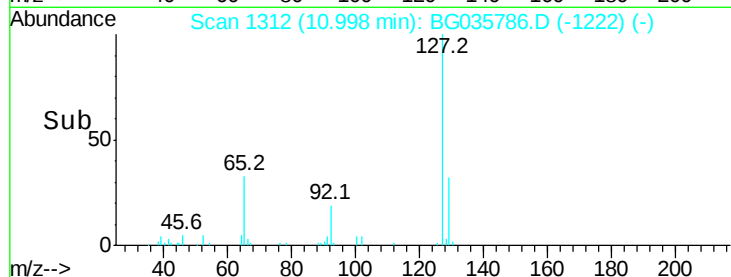
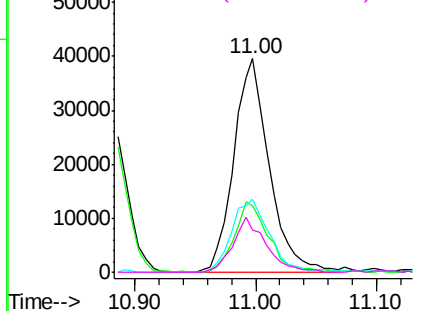
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.1	24.0	36.0
65	34.2	27.0	40.4
92	19.8	16.6	25.0

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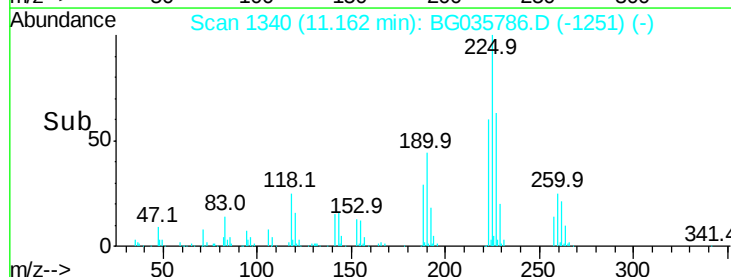
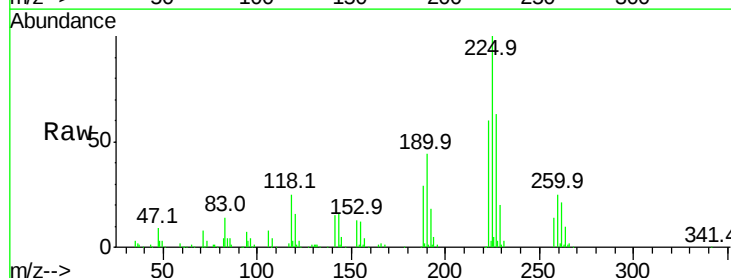
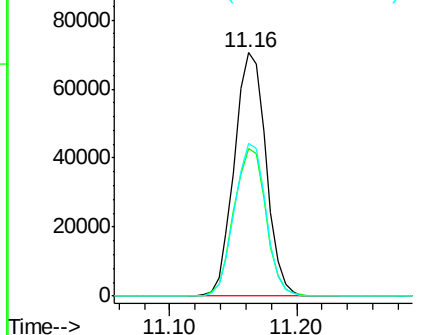
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

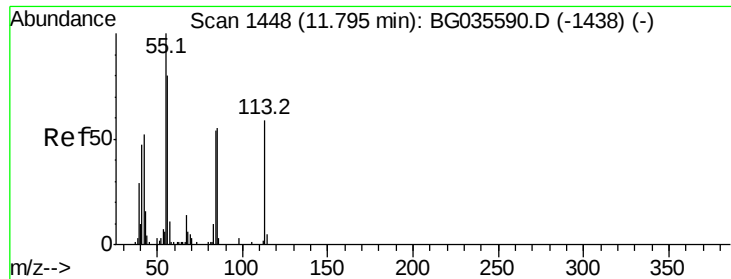


#34
Hexachlorobutadiene
Concen: 43.069 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	49.7	74.5
227	62.8	48.1	72.1

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.962 ng/mL

RT: 11.77 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Instrument :

BNA_G

ClientSampleId :

PB111042BSD

Tot Ion:113 Resp: 48080

Ion Ratio Lower Upper

113 100

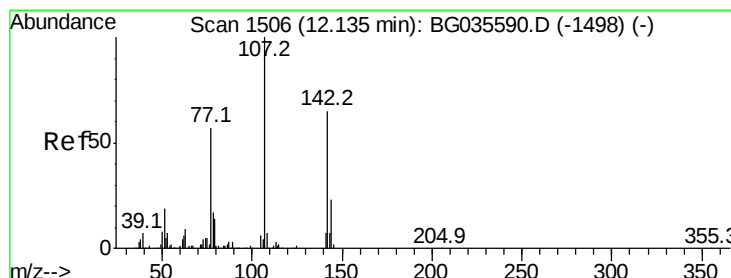
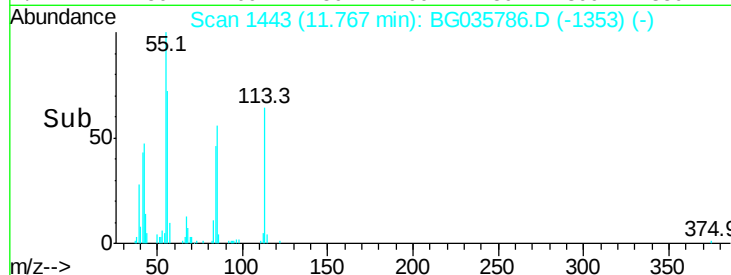
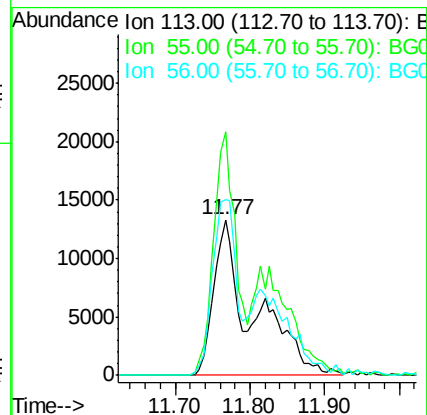
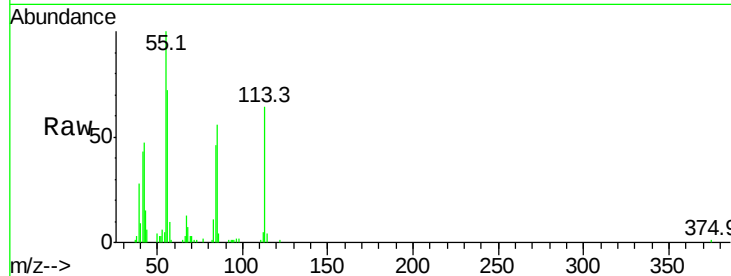
55 156.4 186.9 226.9#

56 113.1 130.9 170.9#

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7/23/2018 2:18:57 PM



#36

4-Chloro-3-methylphenol

Concen: 43.096 ng/mL

RT: 12.11 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

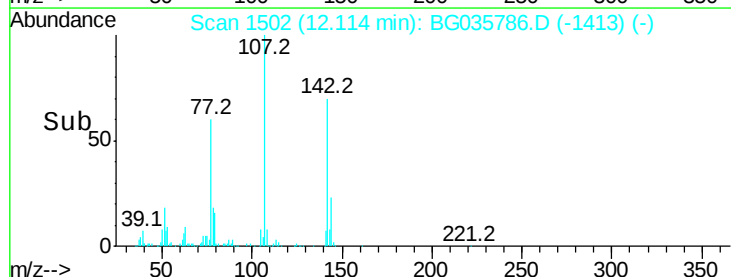
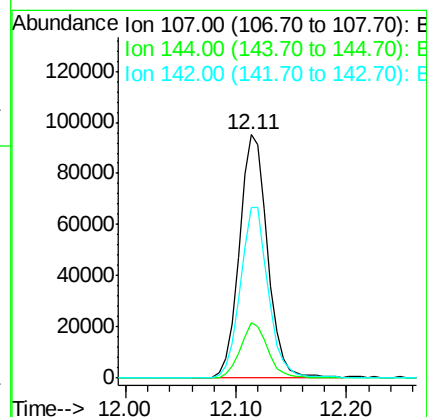
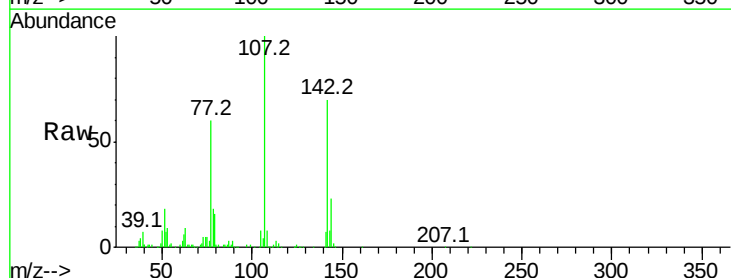
Tgt Ion:107 Resp: 170487

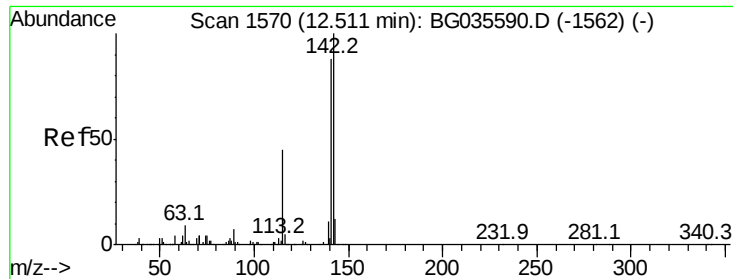
Ion Ratio Lower Upper

107 100

144 22.9 18.2 27.4

142 70.2 59.0 88.4





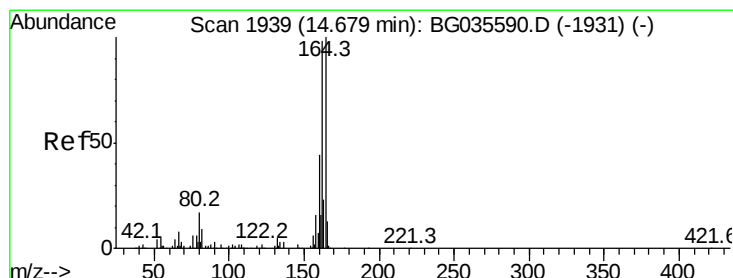
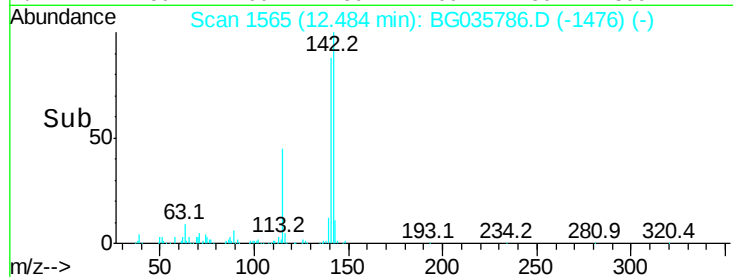
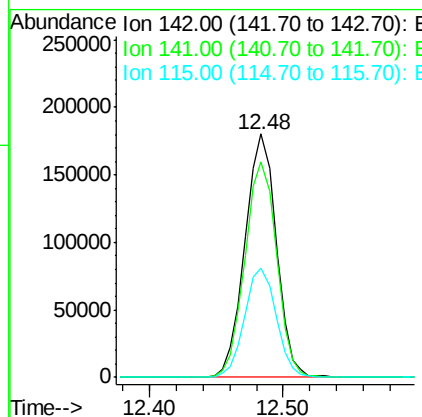
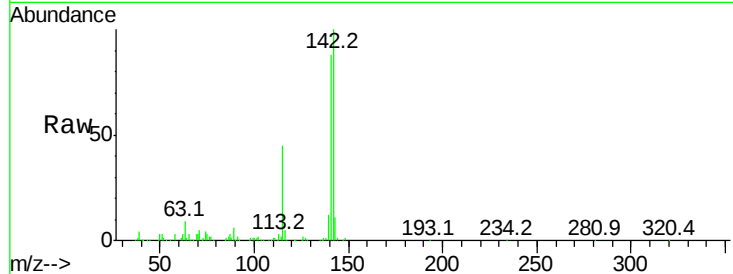
#37
2-Methylnaphthalene
Concen: 42.263 ng
RT: 12.48 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Instrument :
BNA_G
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	293007		
141	88.5	67.1	100.7	
115	44.9	30.7	46.1	

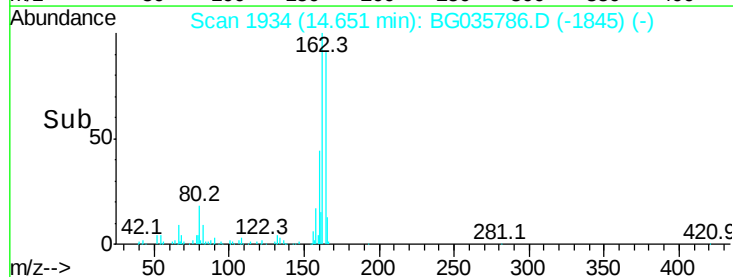
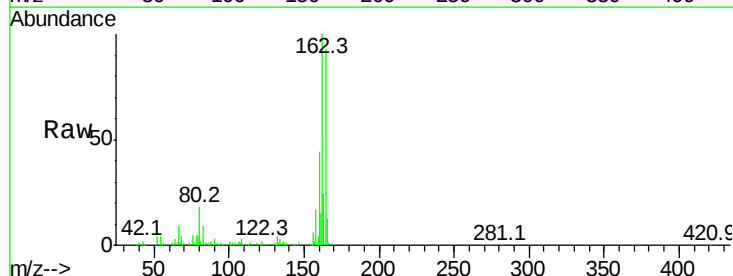
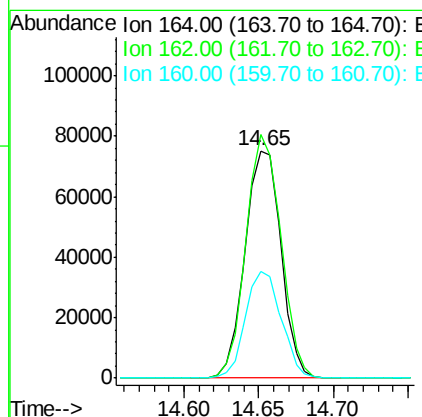
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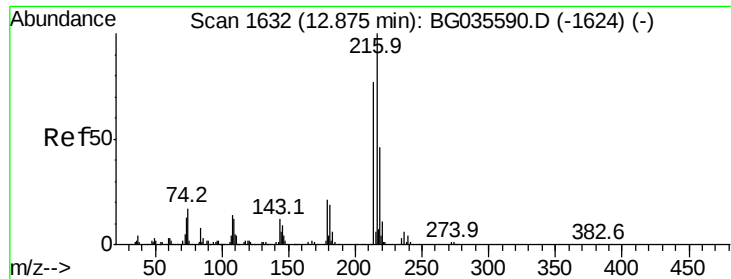
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	125050		
162	107.0	78.8	118.2	
160	46.6	35.4	53.0	





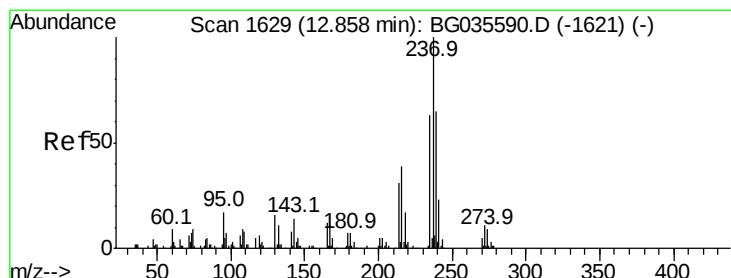
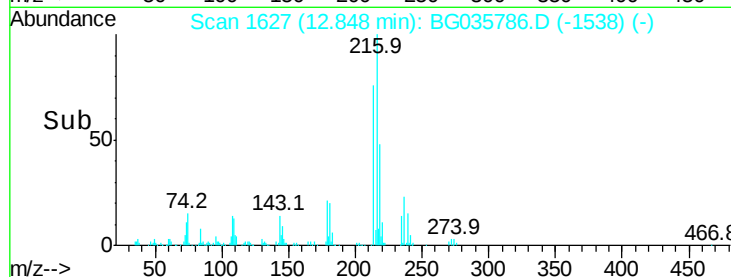
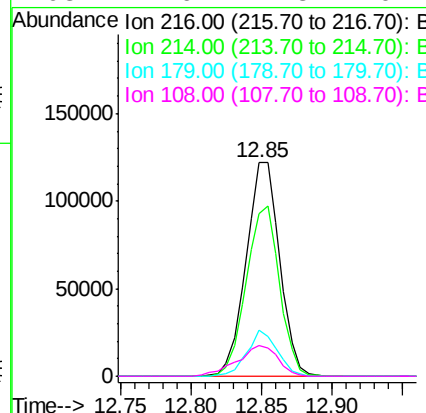
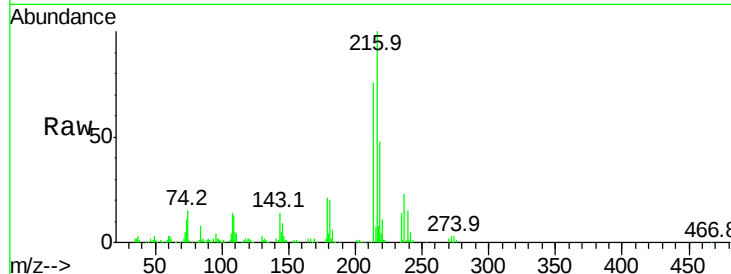
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.205 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BG035786.D
 Acq: 20 Jul 2018 16:12

Instrument :
 BNA_G
 ClientSampleId :
 PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	203921		
214	78.6	63.0	94.4	
179	19.4	17.0	25.6	
108	17.6	12.8	19.2	

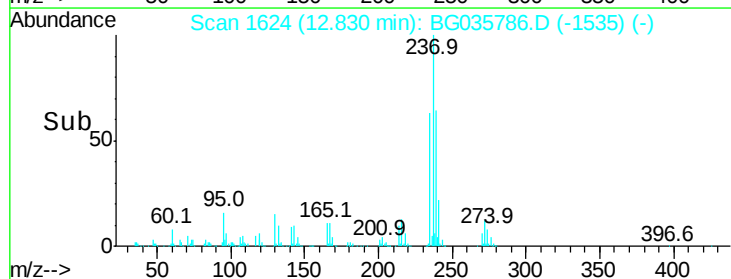
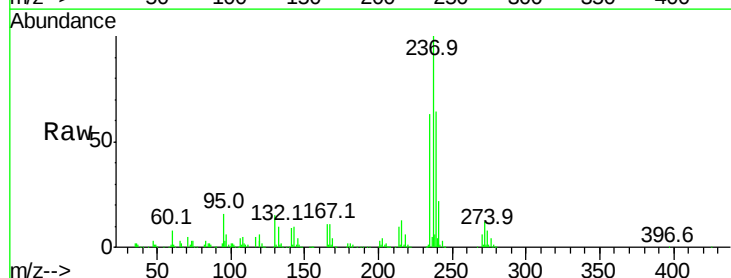
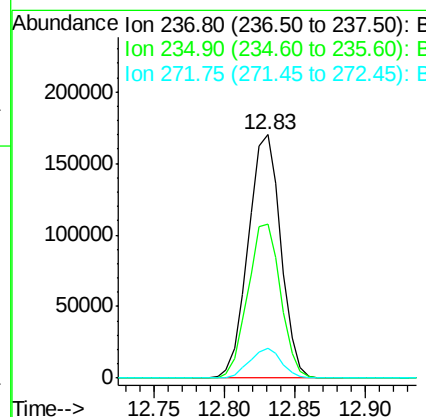
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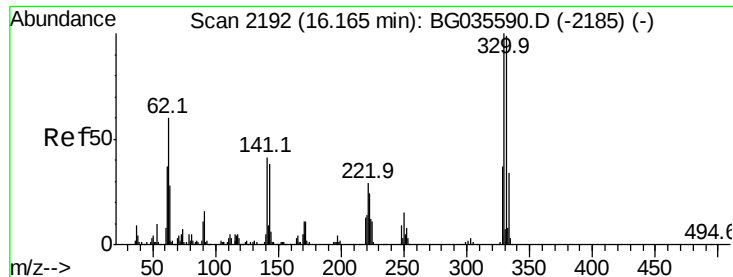
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#40
 Hexachlorocyclopentadiene
 Concen: 111.428 ng
 RT: 12.83 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BG035786.D
 Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	275816		
235	63.4	50.4	90.4	
272	12.2	0.0	31.8	





#41

2,4,6-Tribromophenol

Concen: 94.622 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Instrument :

BNA_G

ClientSampleId :

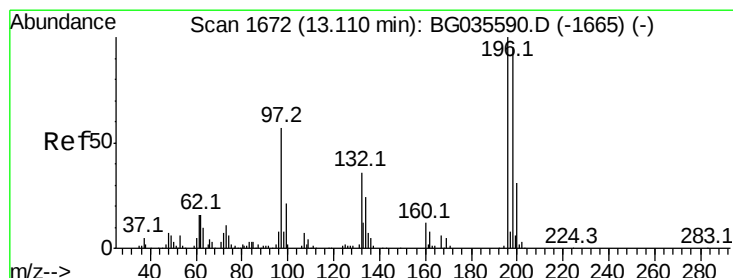
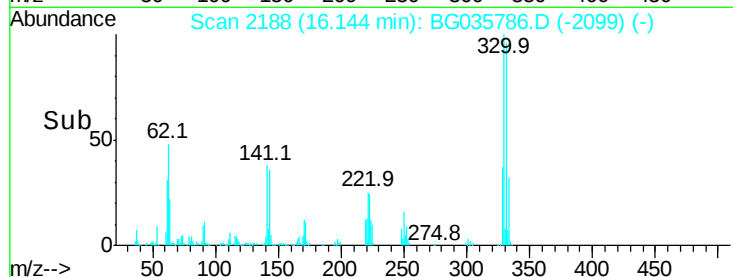
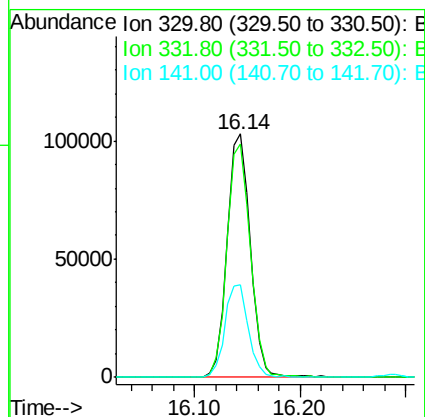
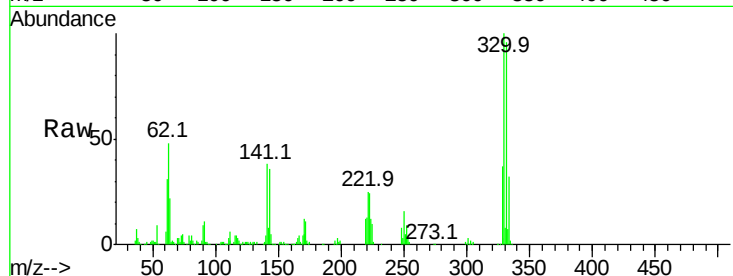
PB111042BSD

Tot Ion:	330	Resp:	155959
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.0	115.6
141	38.5	25.2	37.8#

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#42

2,4,6-Trichlorophenol

Concen: 47.295 ng

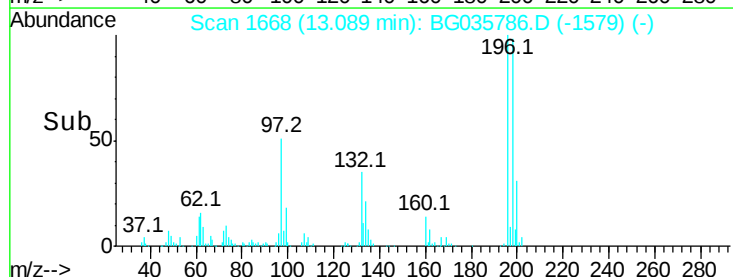
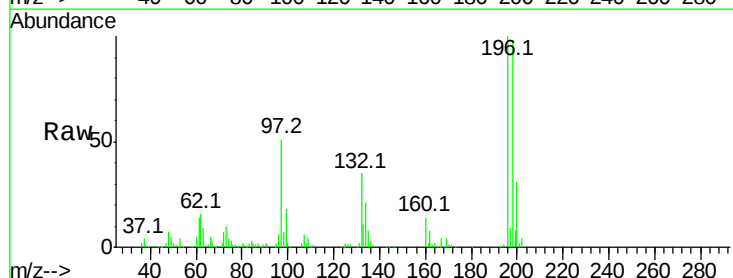
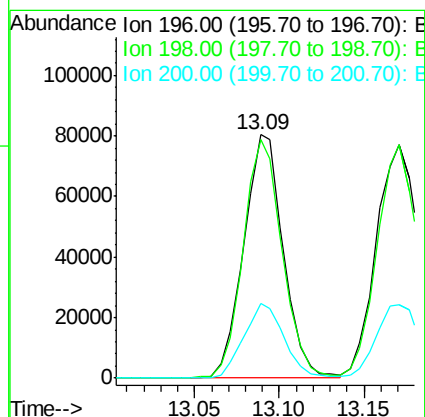
RT: 13.09 min Scan# 1668

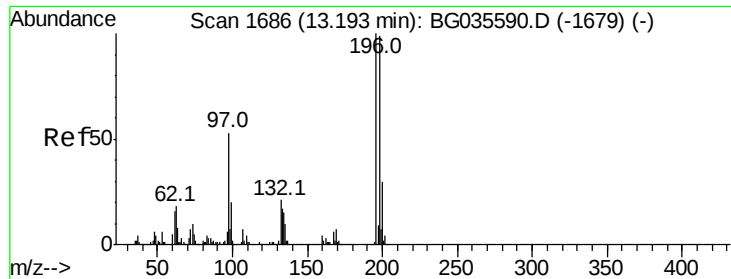
Delta R.T. -0.01 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Tgt Ion:	196	Resp:	130543
Ion Ratio	Lower	Upper	
196	100		
198	98.2	78.2	117.2
200	30.9	24.6	36.8





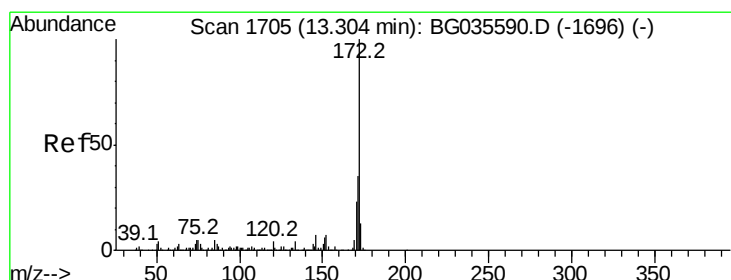
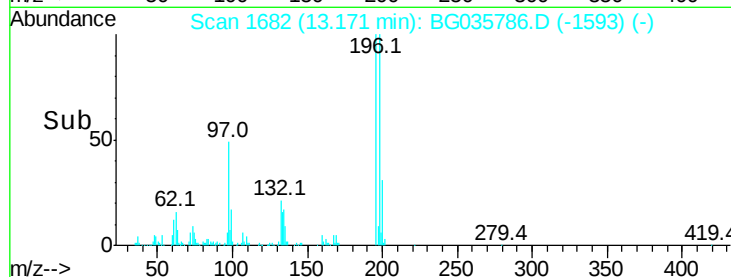
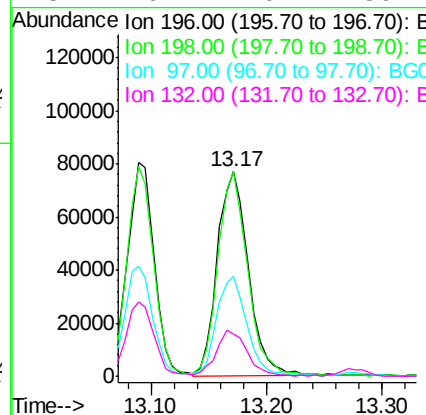
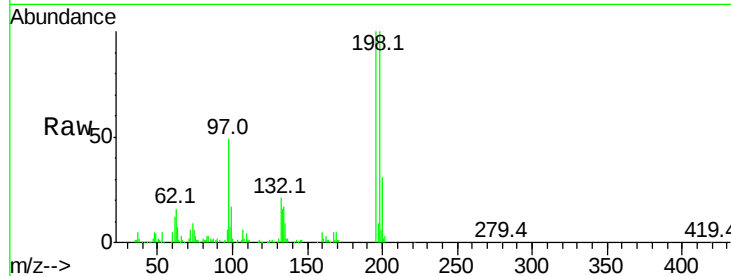
#43
 2,4,5-Trichlorophenol
 Concen: 46.606 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG035786.D
 Acq: 20 Jul 2018 16:12

Instrument :
 BNA_G
 ClientSampleId :
 PB111042BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100				
198	100.3		76.2	114.4	
97	49.0		38.7	58.1	
132	20.7		20.2	30.2	

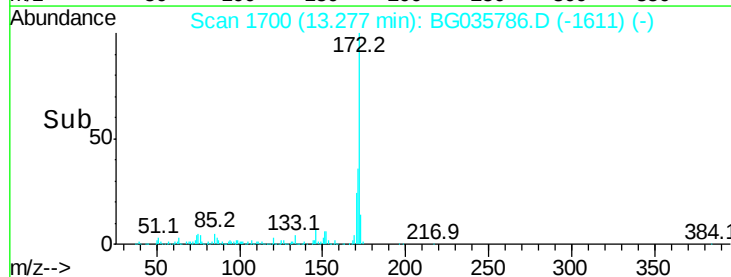
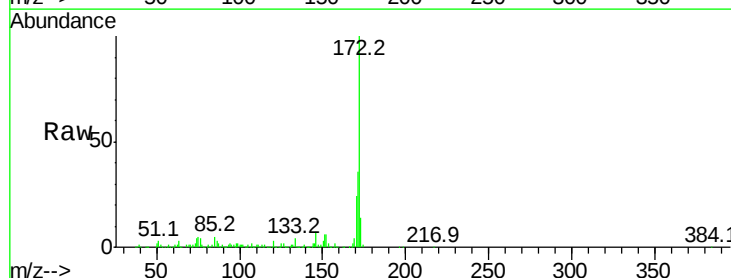
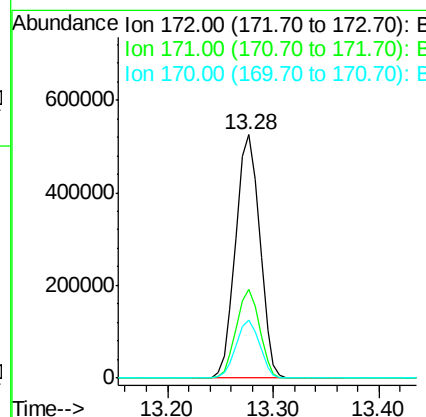
Manual Integrations
 APPROVED

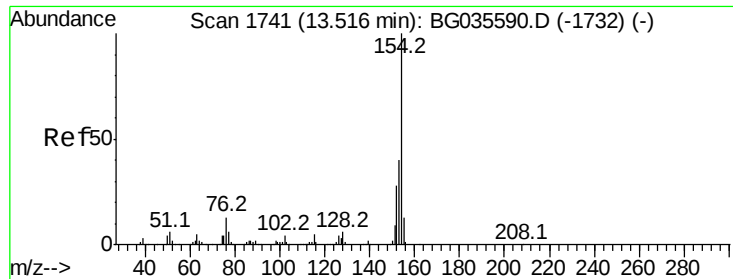
Sohil
 7/23/2018 2:18:57 PM



#44
 2-Fluorobiphenyl
 Concen: 88.629 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG035786.D
 Acq: 20 Jul 2018 16:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100				
171	36.2		30.0	45.0	
170	24.0		19.5	29.3	





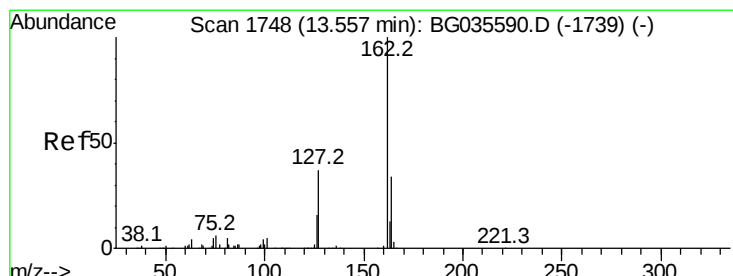
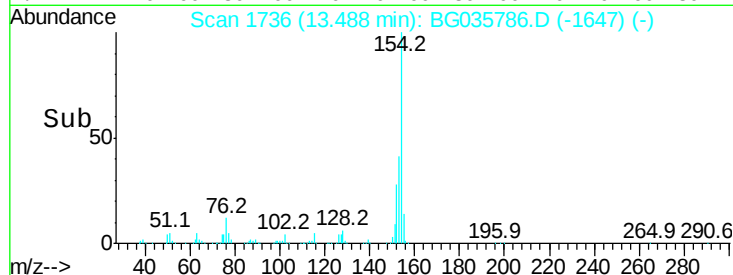
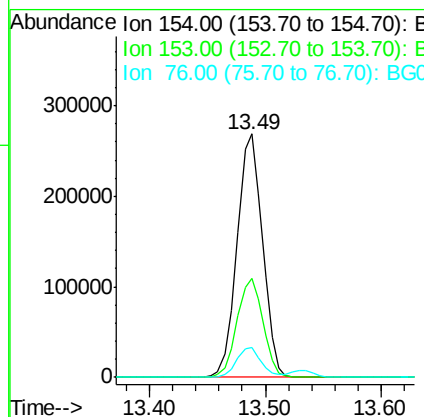
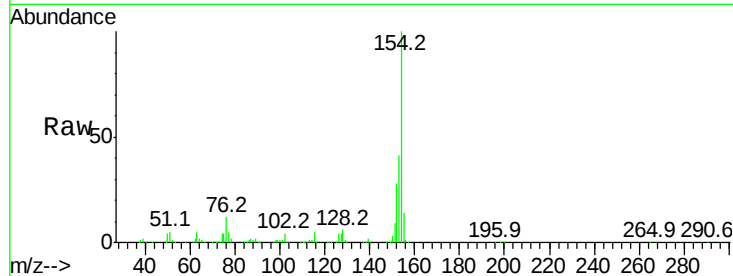
#45
 1,1'-Biphenyl
 Concen: 42.225 ng
 RT: 13.49 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG035786.D
 Acq: 20 Jul 2018 16:12

Instrument :
 BNA_G
 ClientSampleId :
 PB111042BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	19.8	59.8
76	12.1	0.0	31.9

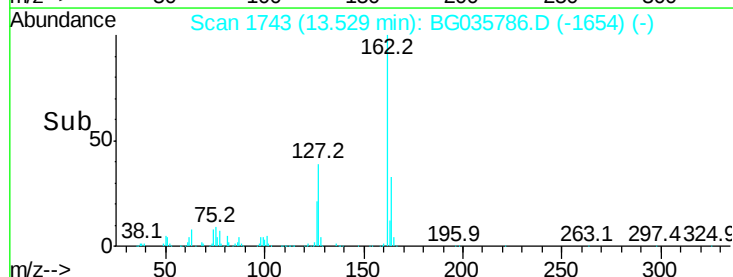
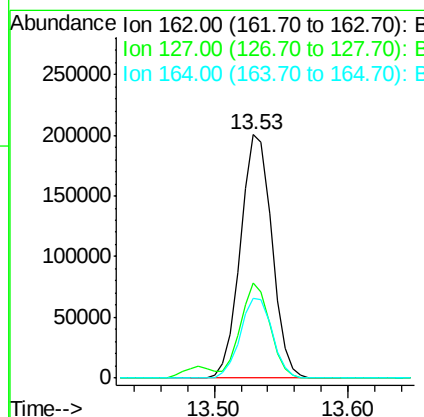
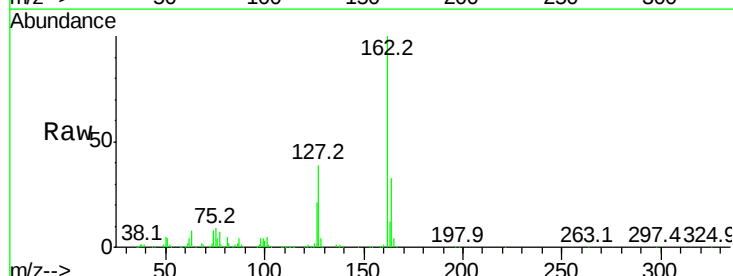
Manual Integrations
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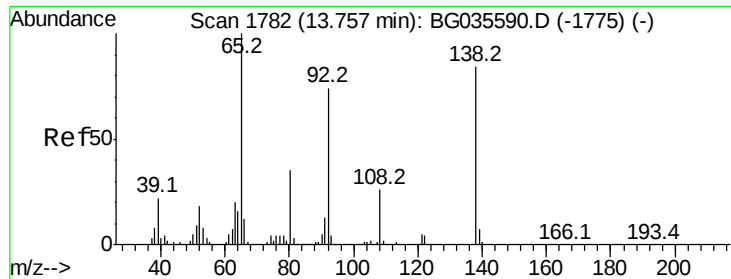
Sohil
 7/23/2018 2:18:57 PM



#46
 2-Chloronaphthalene
 Concen: 43.068 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG035786.D
 Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	30.7	46.1
164	32.6	26.0	39.0





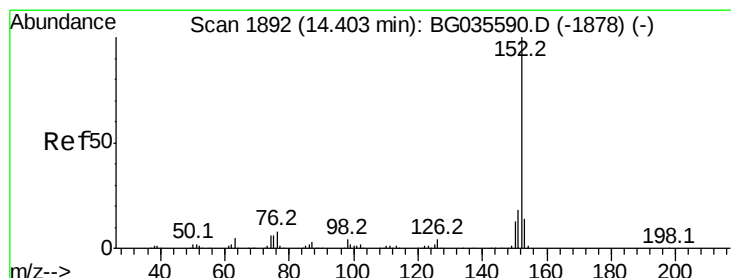
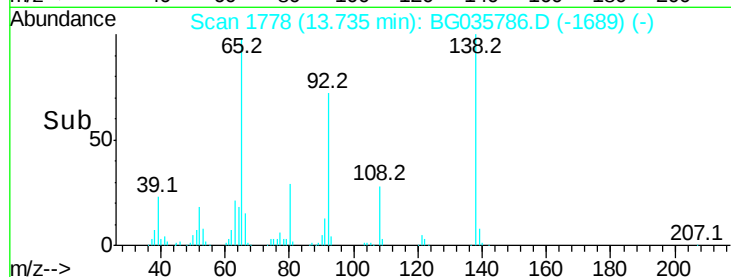
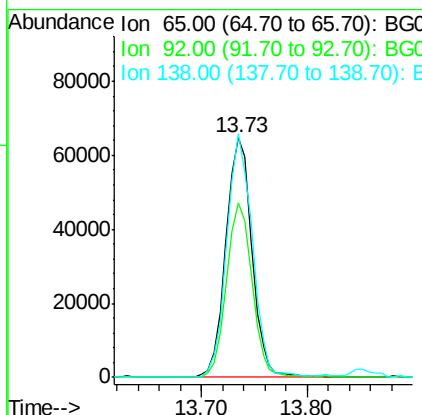
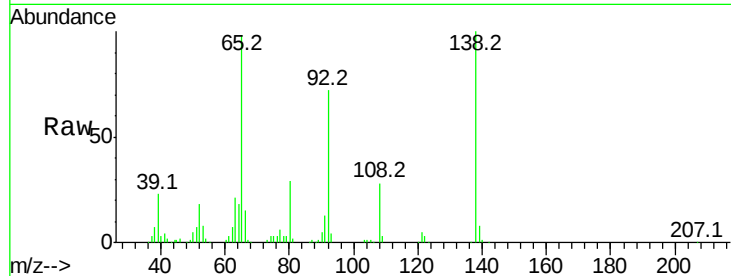
#47
2-Nitroaniline
Concen: 41.433 ng
RT: 13.73 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Instrument :
BNA_G
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.0	54.6	82.0
138	101.7	72.9	109.3

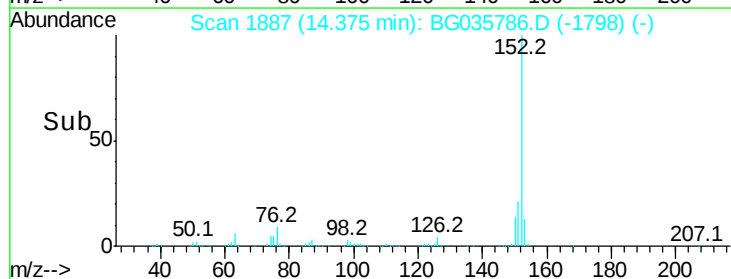
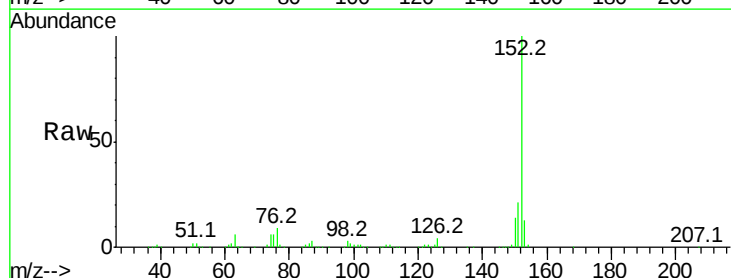
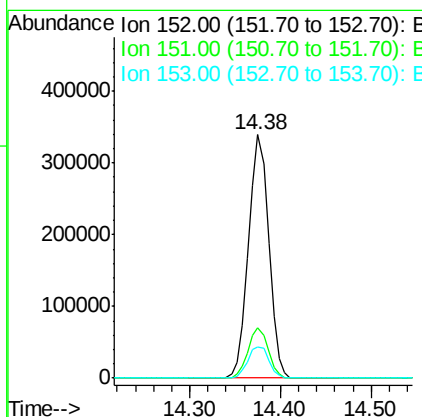
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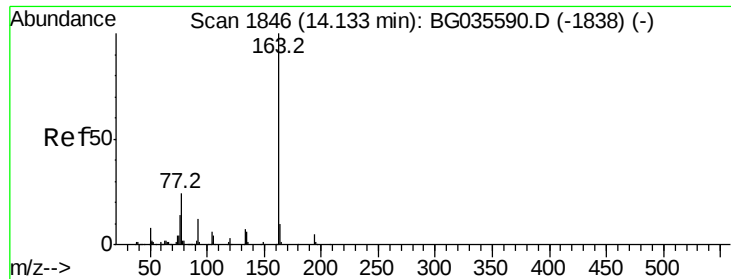
Sohil
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#48
Acenaphthylene
Concen: 41.705 ng
RT: 14.38 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.2	25.8
153	13.0	10.2	15.4





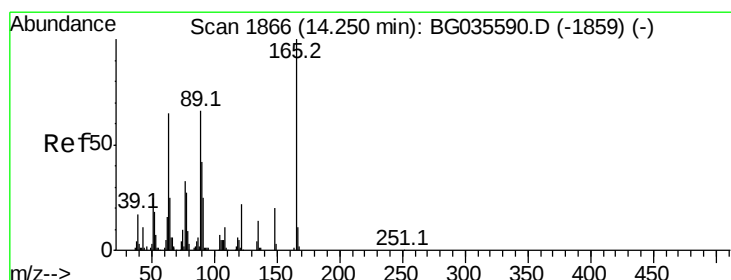
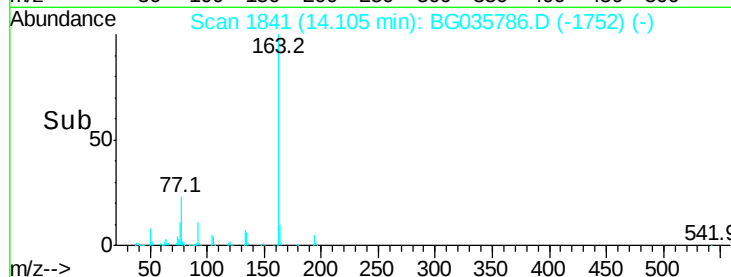
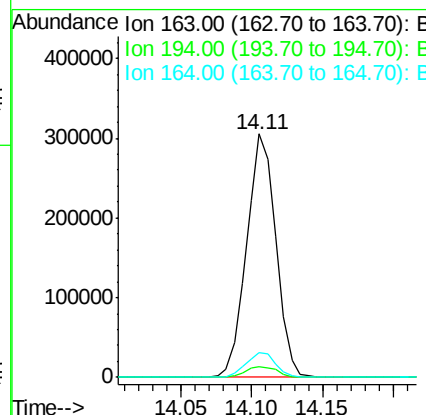
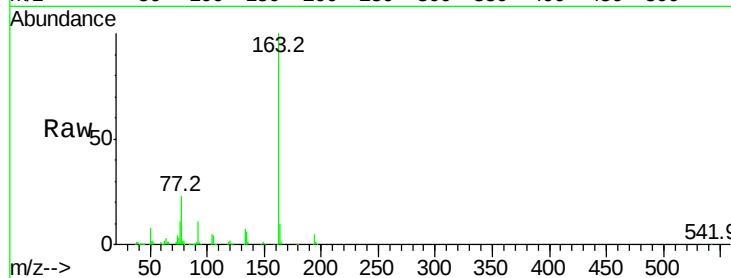
#49
Dimethylphthalate
Concen: 40.440 ng
RT: 14.11 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Instrument :
BNA_G
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.0	8.2	12.4

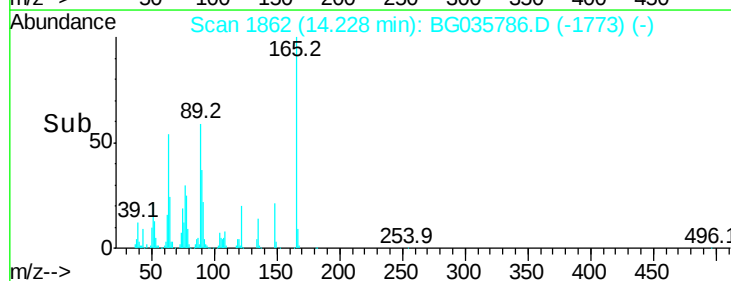
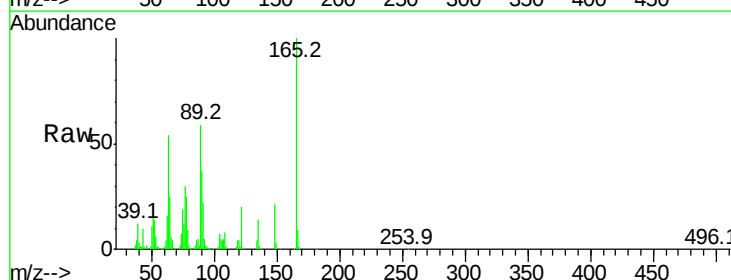
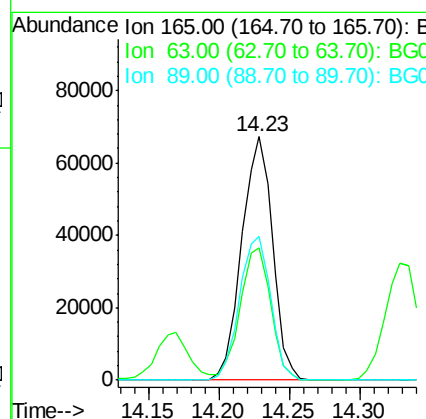
Manual Integrations
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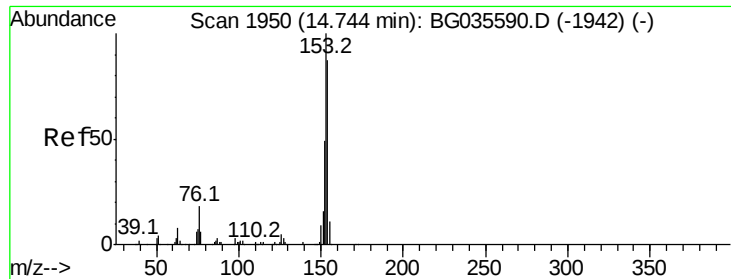
Sohil
7/23/2018 2:18:57 PM



#50
2,6-Dinitrotoluene
Concen: 45.933 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.4	52.7	79.1
89	59.0	49.2	73.8





#51

Acenaphthene

Concen: 39.303 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Instrument :

BNA_G

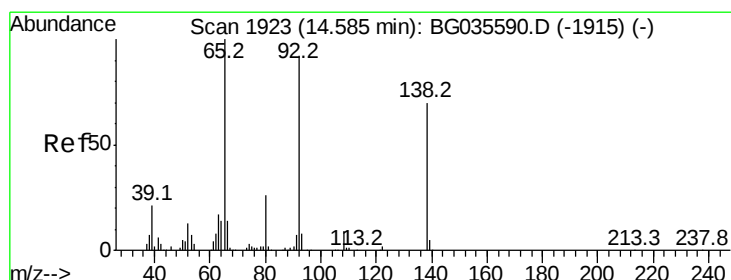
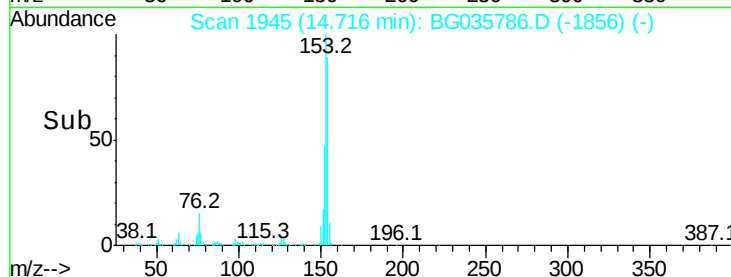
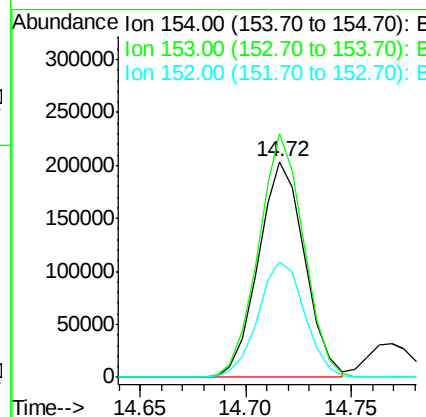
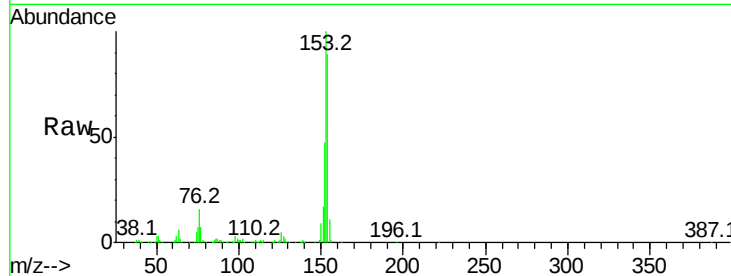
ClientSampleId :

PB111042BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.4	135.6
152	53.4	41.6	62.4

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#52

3-Nitroaniline

Concen: 25.675 ng

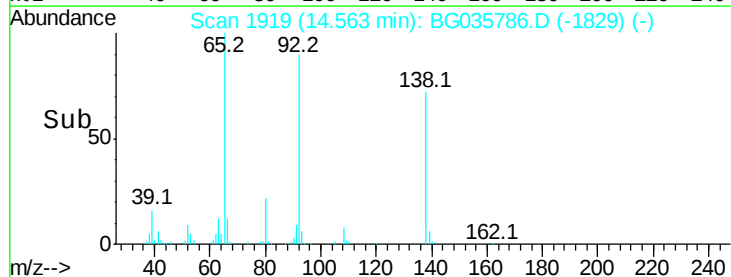
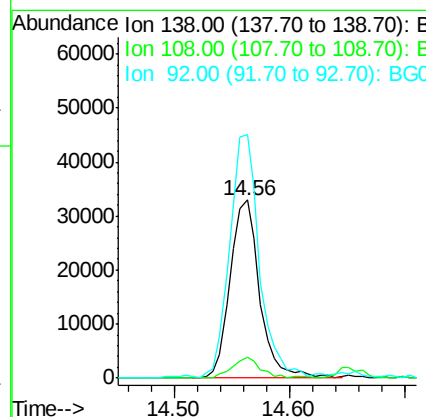
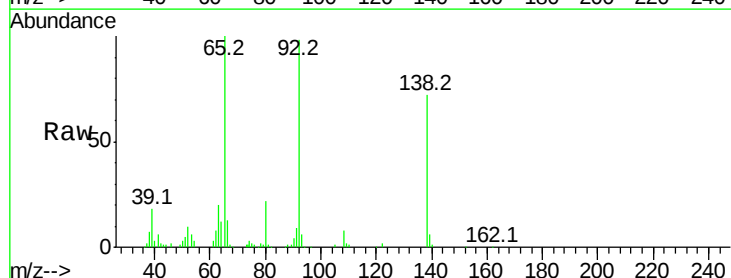
RT: 14.56 min Scan# 1919

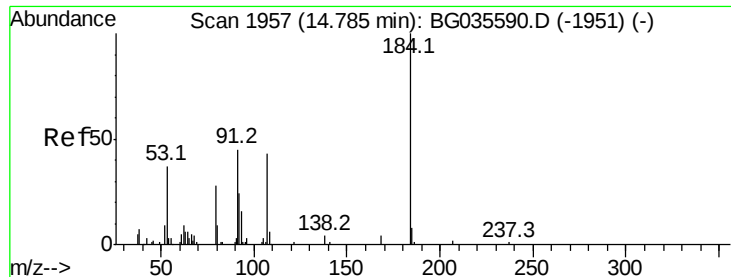
Delta R.T. -0.00 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.8	17.5	26.3#
92	136.7	105.8	158.8





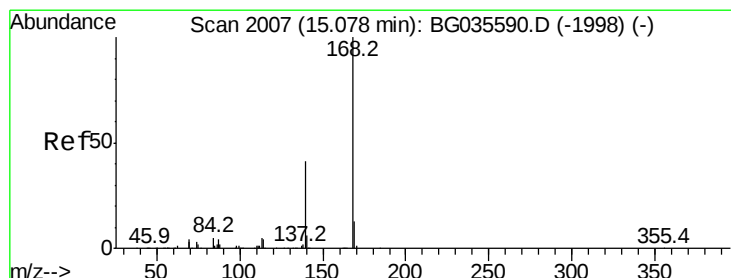
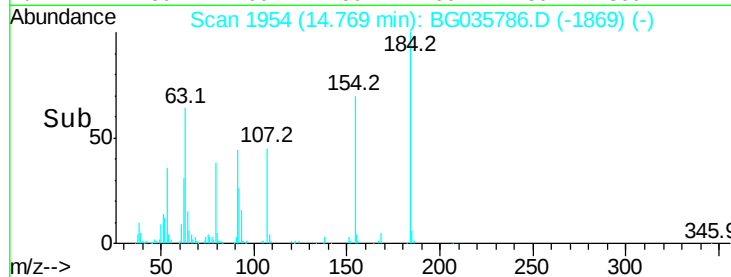
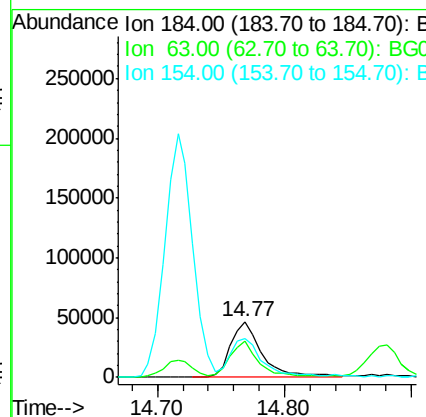
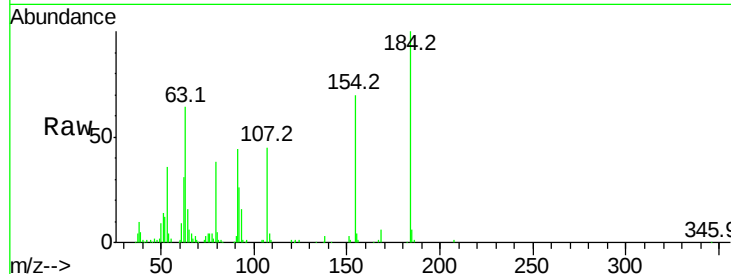
#53
2,4-Dinitrophenol
Concen: 70.334 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Instrument :
BNA_G
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	64.5	59.8	89.8
154	69.5	101.8	152.8#

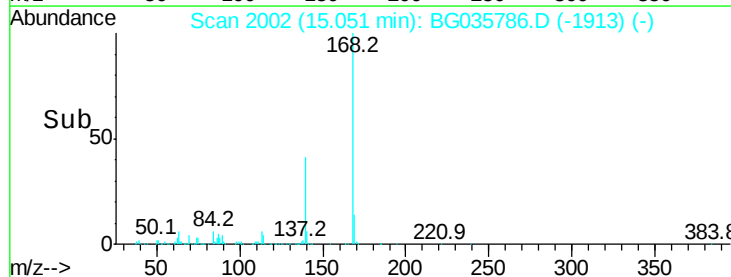
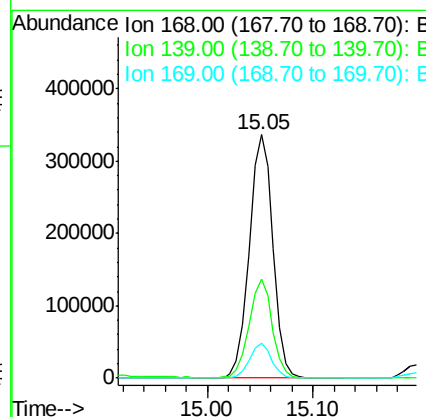
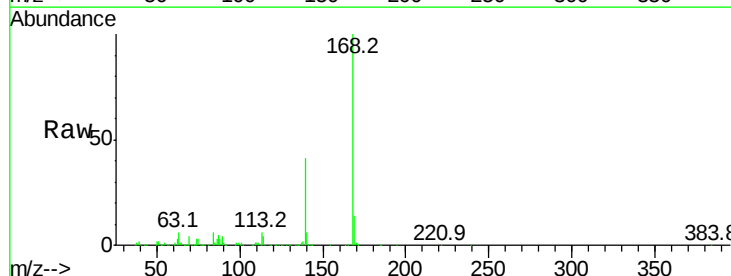
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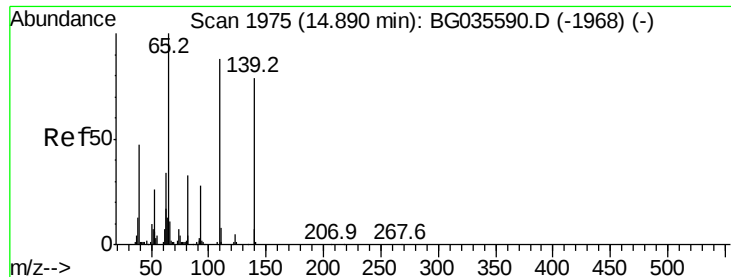
Sohil
7/23/2018 2:18:57 PM



#54
Dibenzofuran
Concen: 41.479 ng
RT: 15.05 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.7	28.6	43.0
169	14.2	11.2	16.8





#55

4-Nitrophenol

Concen: 90.184 ng

RT: 14.88 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Instrument :

BNA_G

ClientSampleId :

PB111042BSD

Tot Ion:139 Resp: 146457

Ion Ratio Lower Upper

139 100

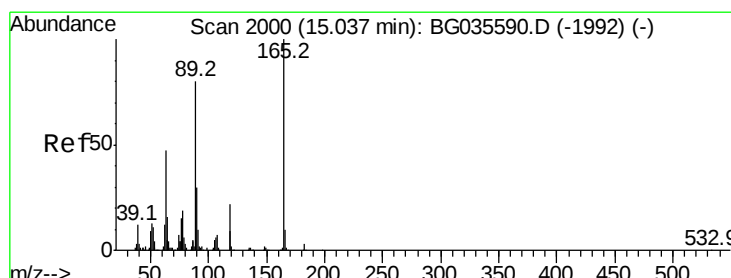
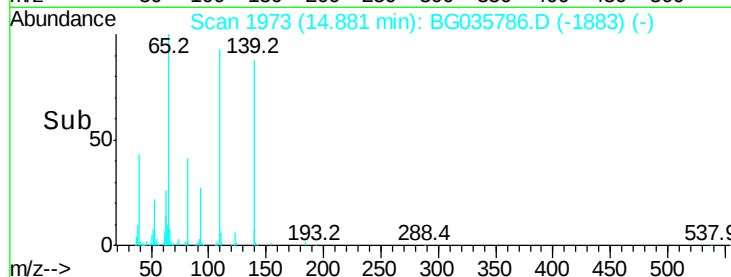
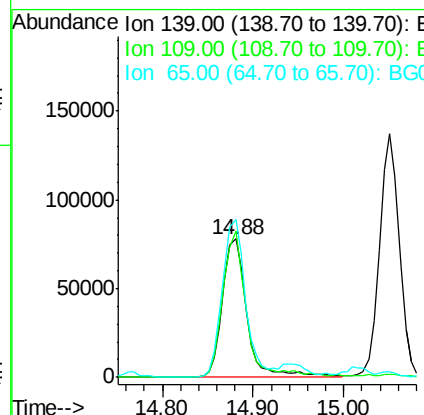
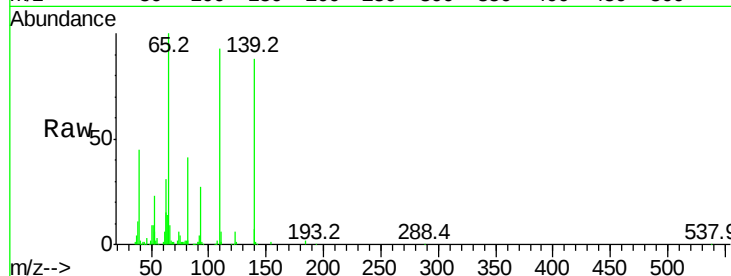
109 105.4 62.2 102.2#

65 113.9 97.2 137.2

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 46.312 ng

RT: 15.02 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Tgt Ion:165 Resp: 148236

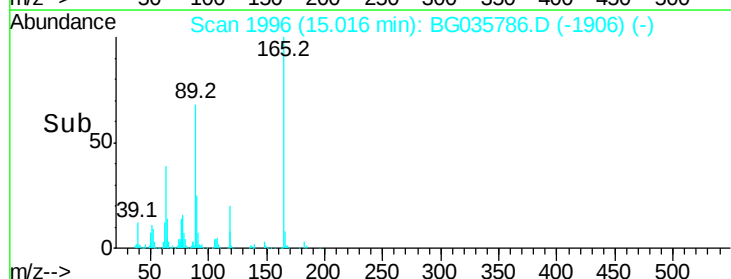
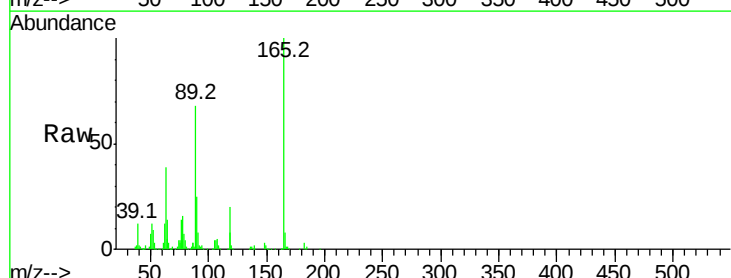
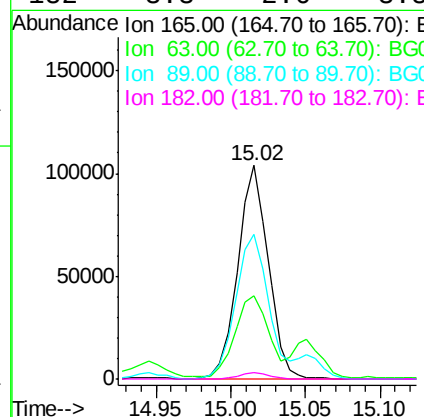
Ion Ratio Lower Upper

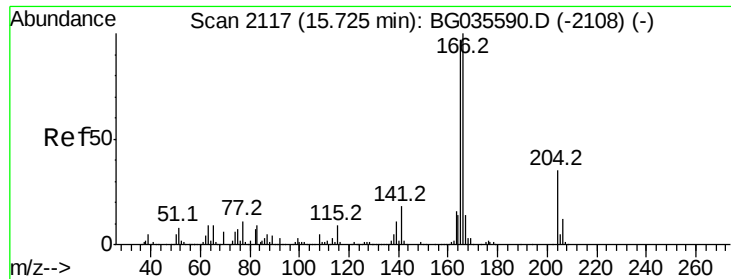
165 100

63 38.8 42.0 63.0#

89 67.5 66.9 100.3

182 3.3 2.6 3.8





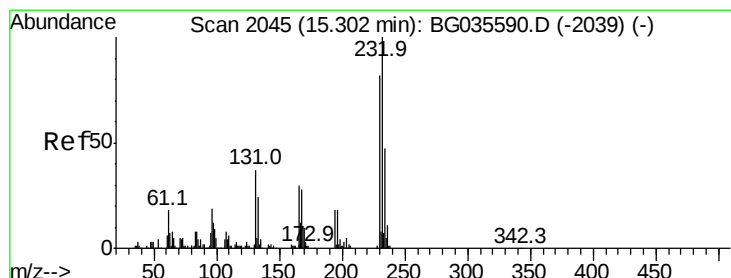
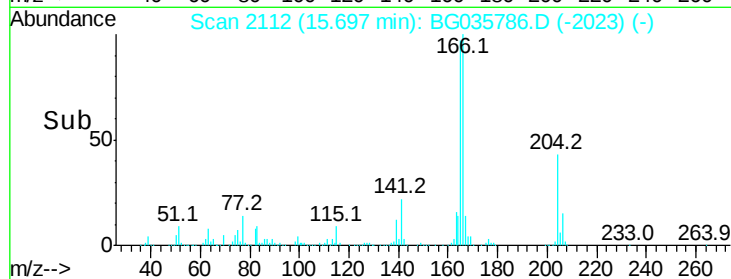
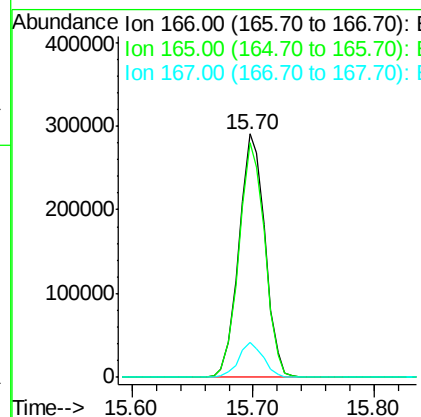
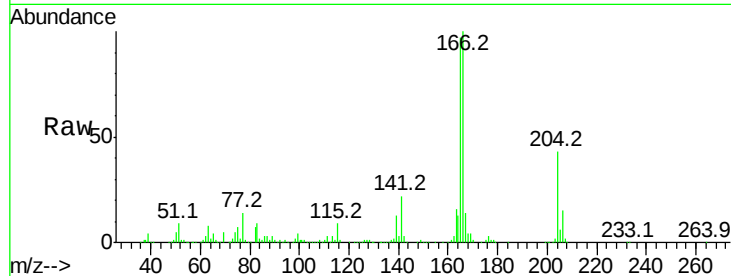
#57
 Fluorene
 Concen: 41.572 ng
 RT: 15.70 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG035786.D
 Acq: 20 Jul 2018 16:12

Instrument :
 BNA_G
 ClientSampleId :
 PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	436058		
165	96.6	80.6	121.0	
167	14.3	10.4	15.6	

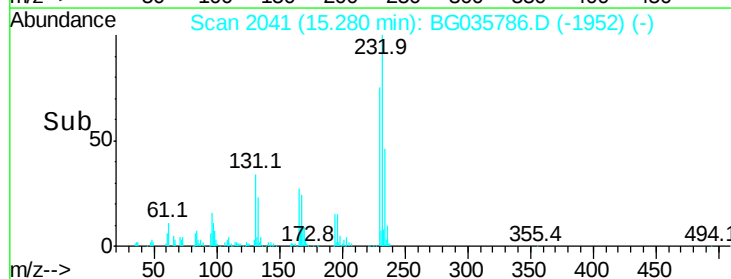
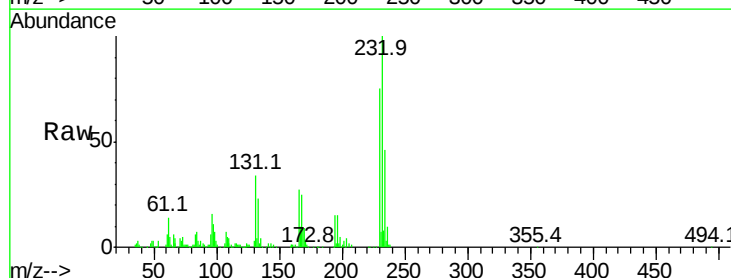
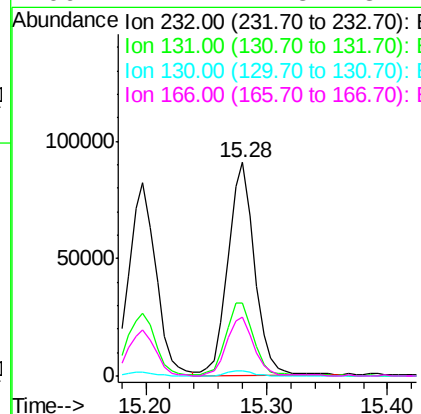
Manual Integrations
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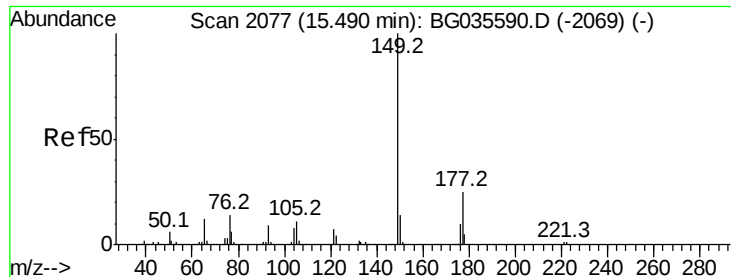
Sohil
 7/23/2018 2:18:57 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.899 ng
 RT: 15.28 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BG035786.D
 Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	138846		
131	35.6	33.5	50.3	
130	2.4	2.2	3.2	
166	27.4	24.8	37.2	





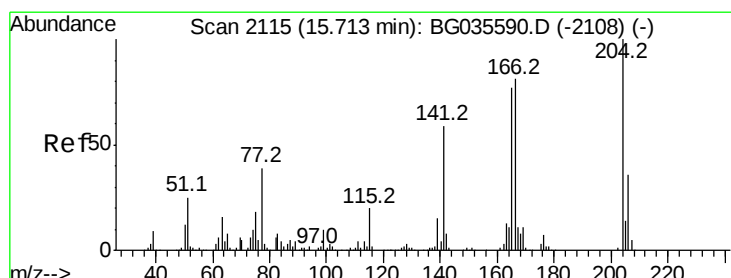
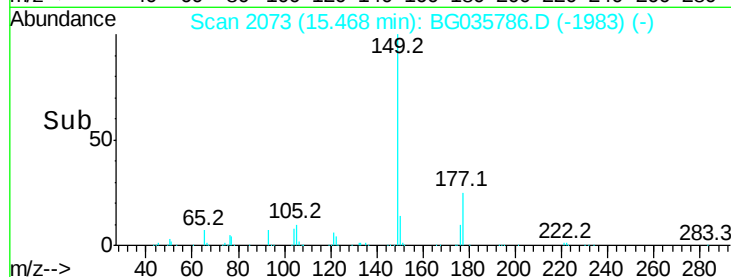
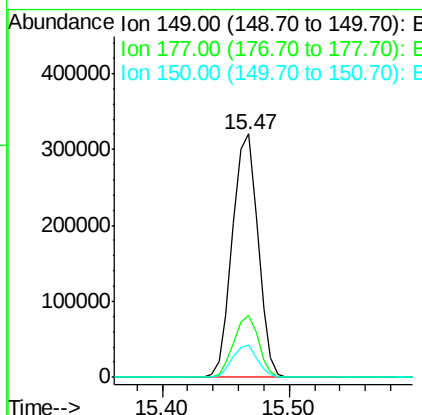
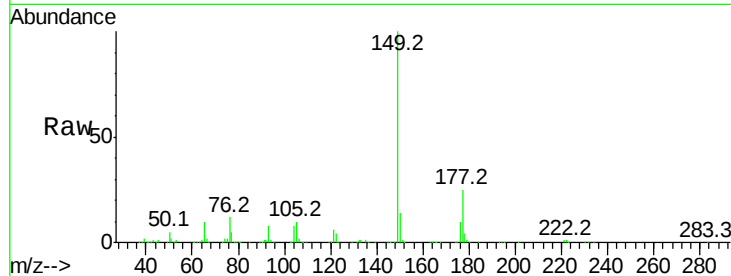
#59
Diethylphthalate
Concen: 39.634 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Instrument :
BNA_G
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.3	18.5	27.7
150	13.5	10.2	15.2

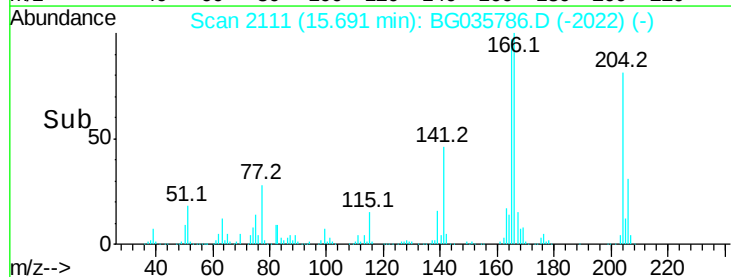
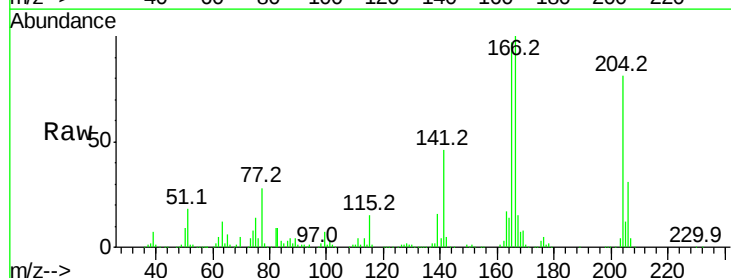
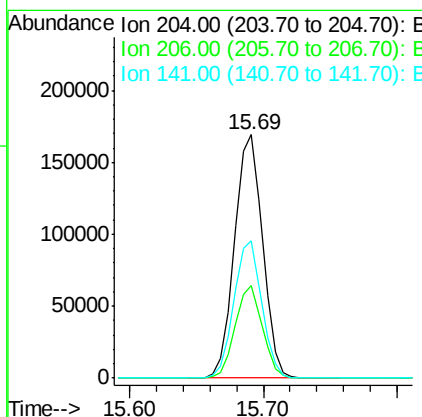
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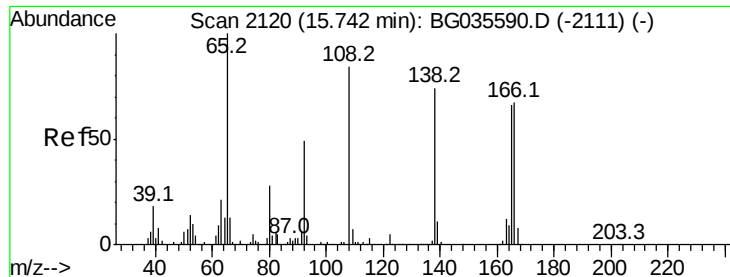
Sohil
7/23/2018 2:18:57 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.071 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	37.9	26.2	39.2
141	56.4	45.8	68.6





#61

4-Nitroaniline

Concen: 40.720 ng

RT: 15.73 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Instrument :

BNA_G

ClientSampleId :

PB111042BSD

Tot Ion:138 Resp: 97130

Ion Ratio Lower Upper

138 100

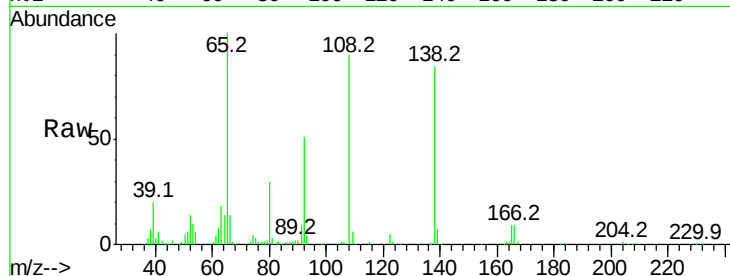
92 60.4 40.1 80.1

108 107.5 65.4 105.4#

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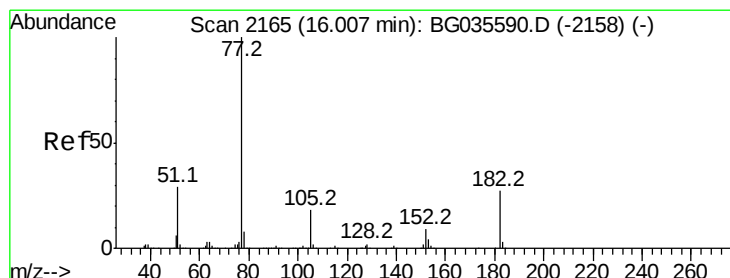
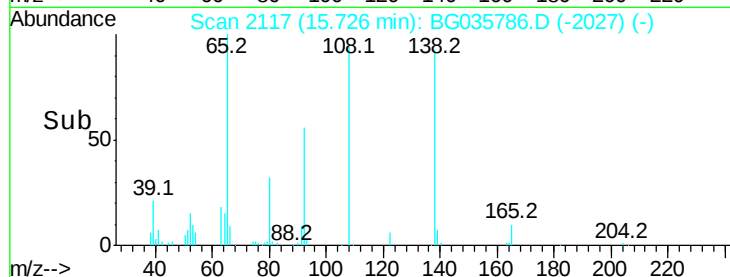
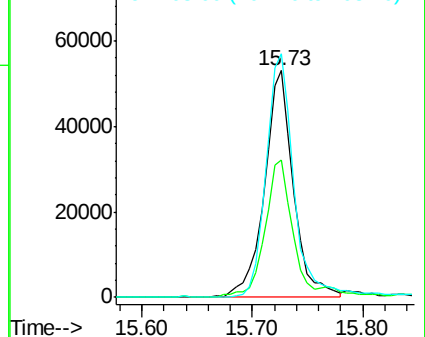
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.892 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Tgt Ion: 77 Resp: 443304

Ion Ratio Lower Upper

77 100

182 27.3 7.4 47.4

105 19.6 0.3 40.3

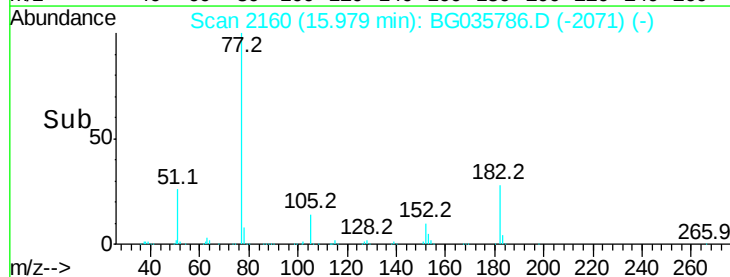
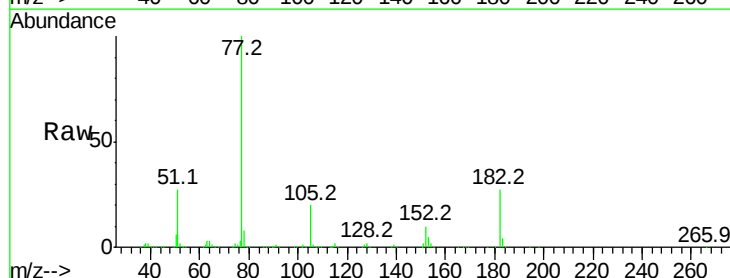
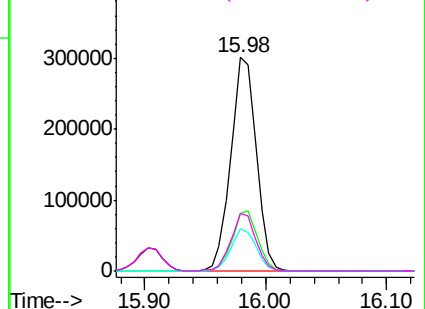
51 27.0 11.6 51.6

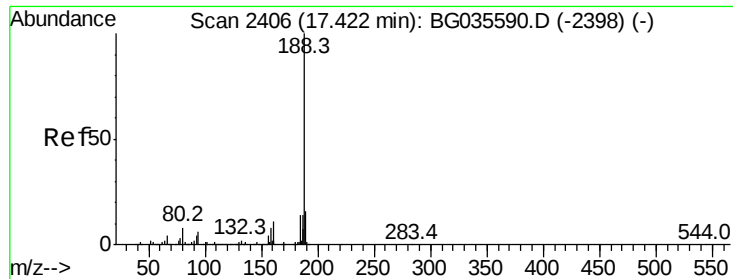
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





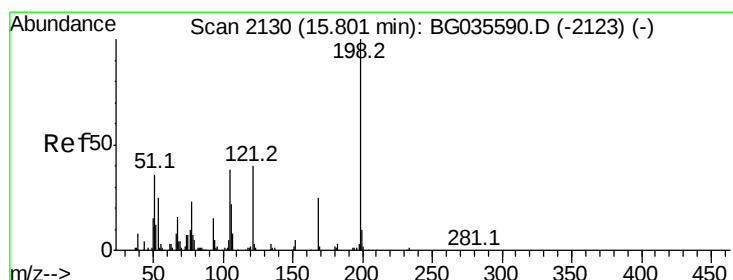
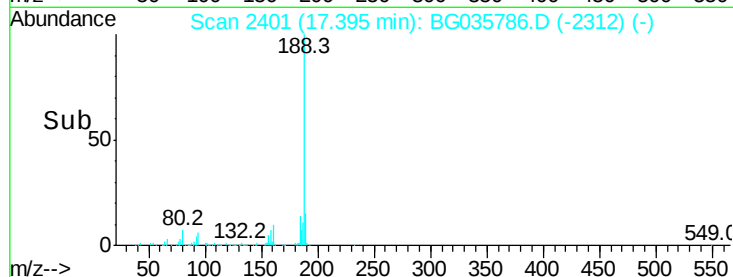
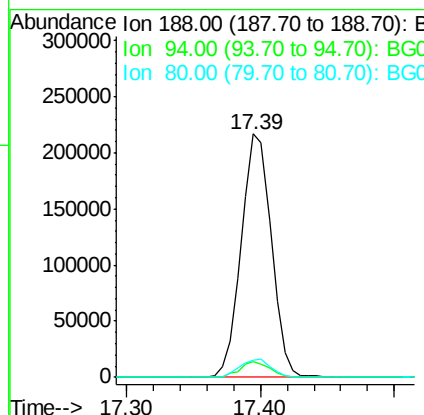
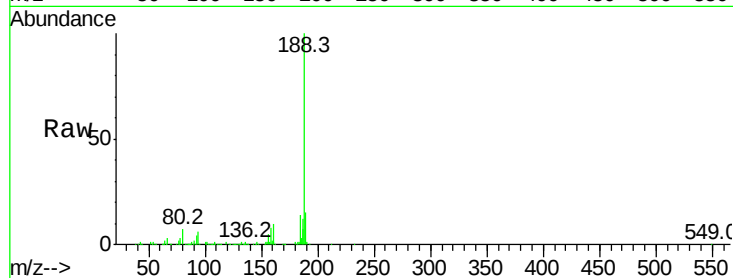
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Instrument :
BNA_G
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	7.0	7.7	11.5#

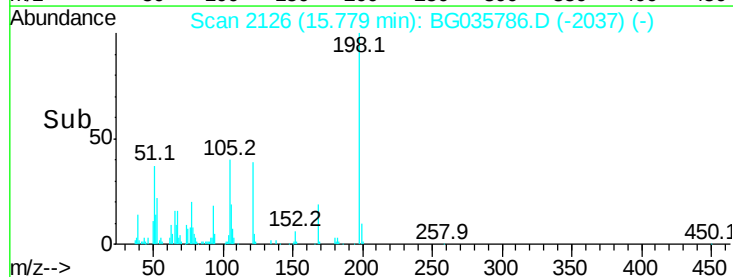
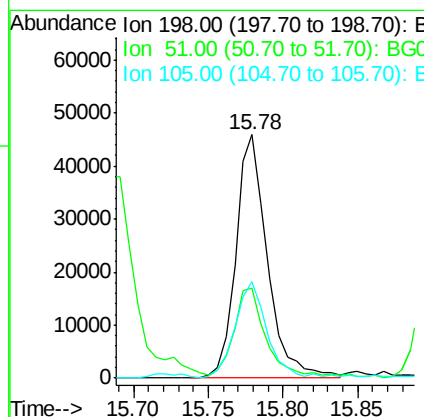
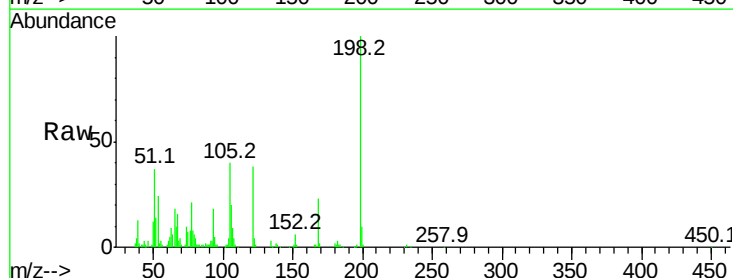
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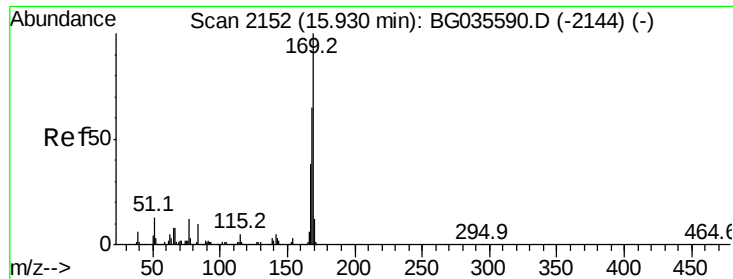
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.809 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	36.8	30.6	70.6
105	39.6	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 40.683 ng

RT: 15.90 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Instrument :

BNA_G

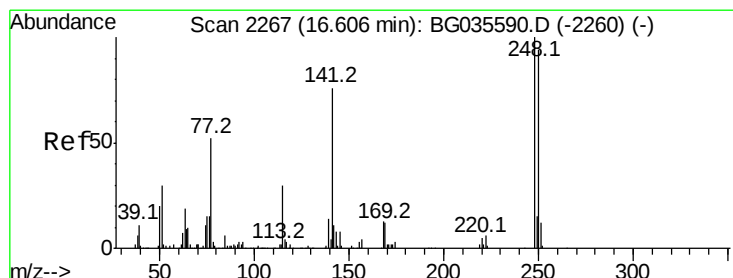
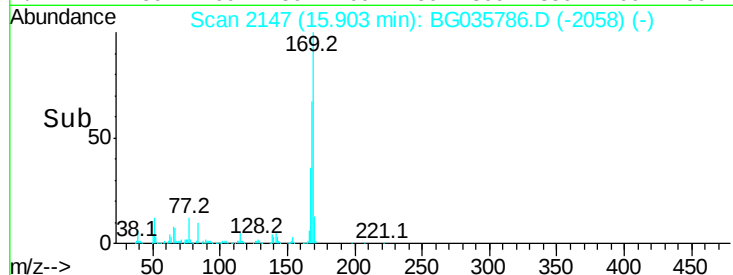
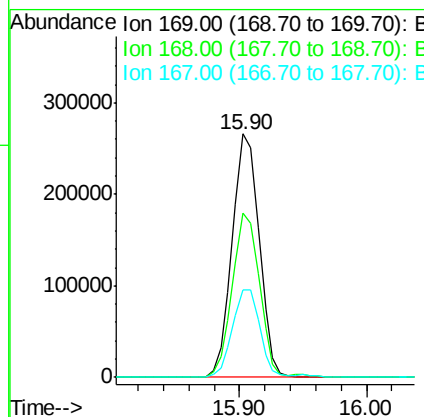
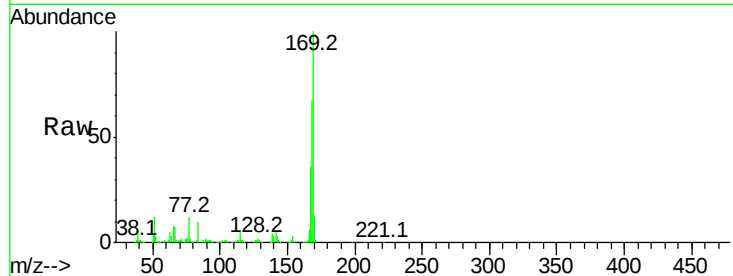
ClientSampleId :

PB111042BSD

Tot Ion:	169	Resp:	391574
Ion Ratio	Lower	Upper	
169	100		
168	67.5	55.7	83.5
167	36.0	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 43.437 ng

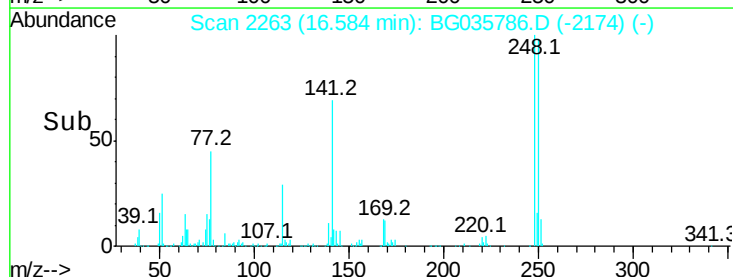
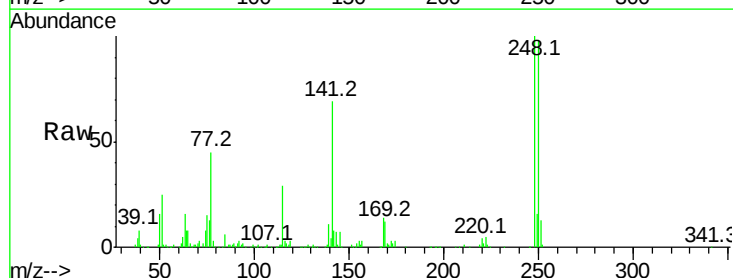
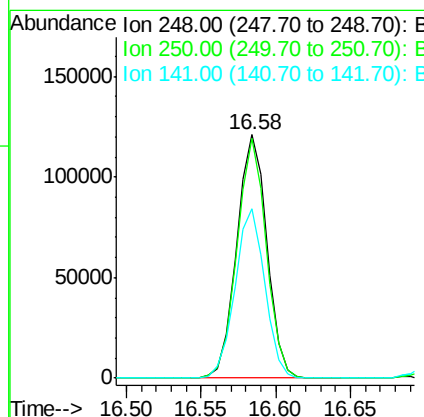
RT: 16.58 min Scan# 2263

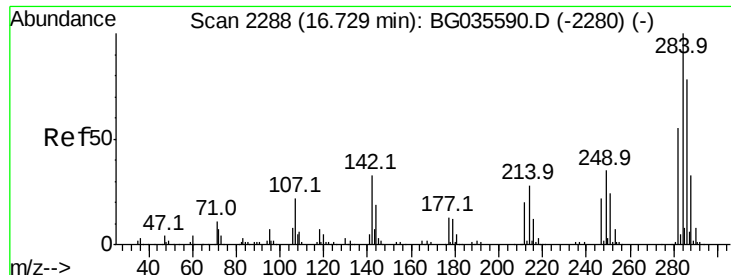
Delta R.T. -0.01 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Tgt Ion:	248	Resp:	170408
Ion Ratio	Lower	Upper	
248	100		
250	98.3	77.1	115.7
141	69.5	50.8	76.2





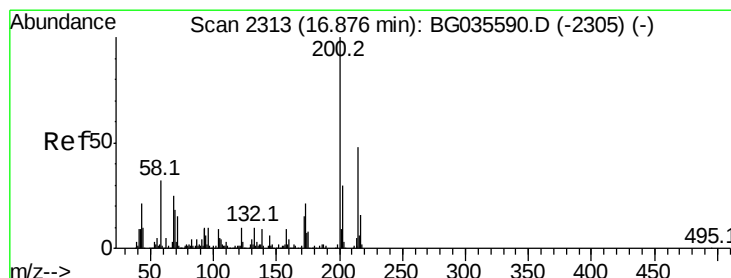
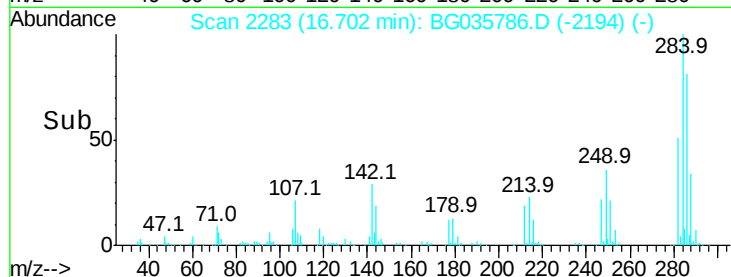
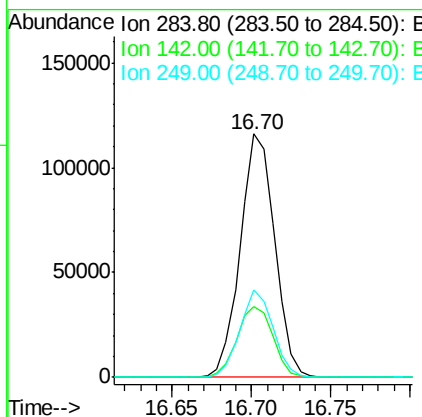
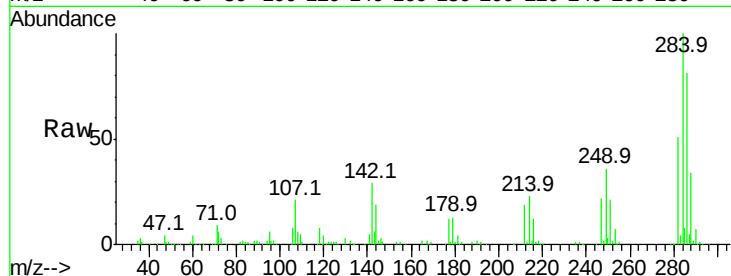
#67
Hexachlorobenzene
Concen: 43.229 ng
RT: 16.70 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Instrument :
BNA_G
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	174651		
142	29.4	26.8	40.2	
249	36.1	26.3	39.5	

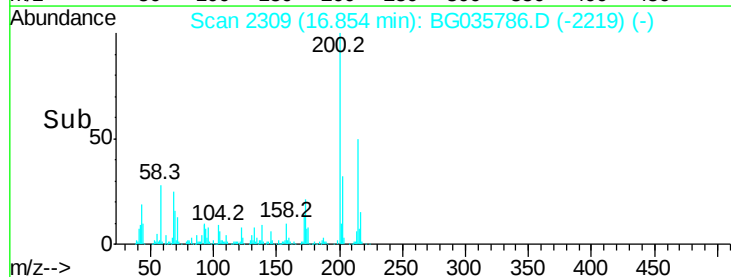
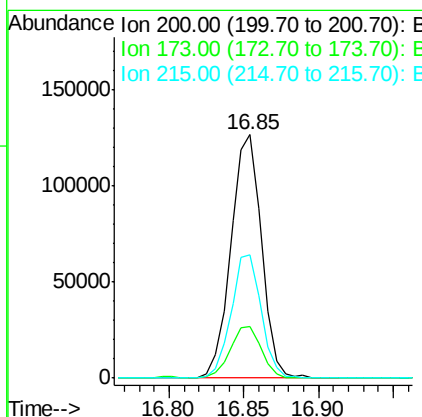
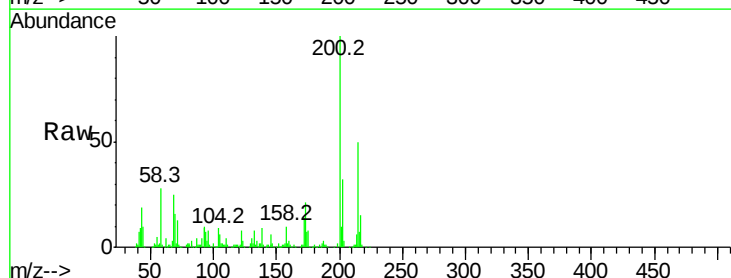
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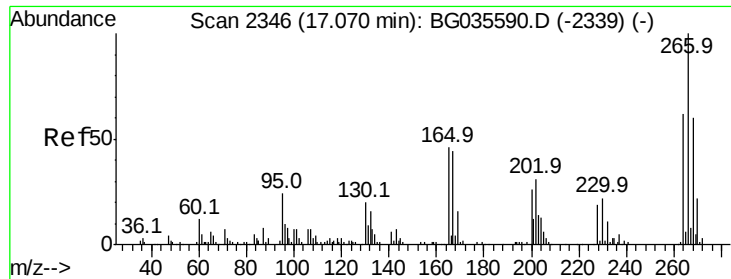
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#68
Atrazine
Concen: 45.851 ng
RT: 16.85 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	181706		
173	21.1	5.2	45.2	
215	50.5	30.4	70.4	





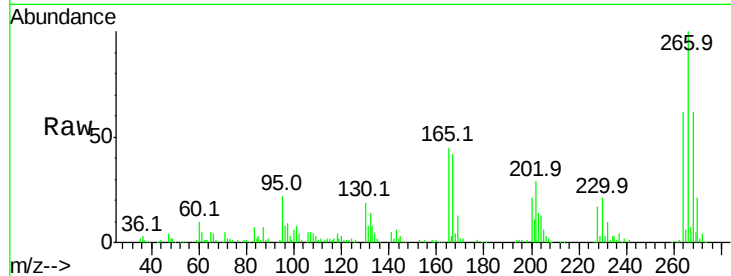
#69
 Pentachlorophenol
 Concen: 58.633 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. -0.01 min
 Lab File: BG035786.D
 Acq: 20 Jul 2018 16:12

Instrument :
 BNA_G
 ClientSampleId :
 PB111042BSD

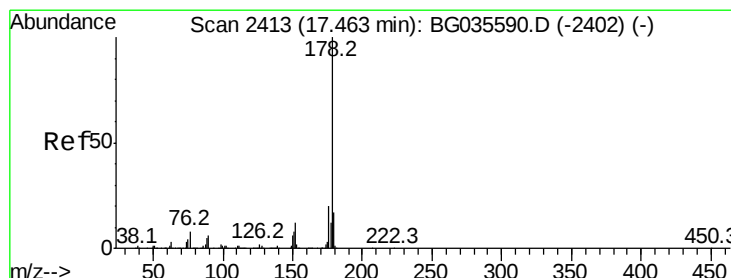
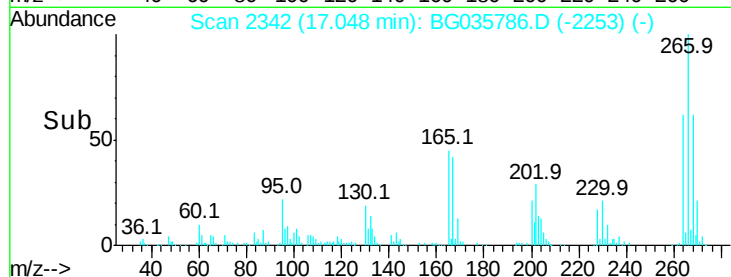
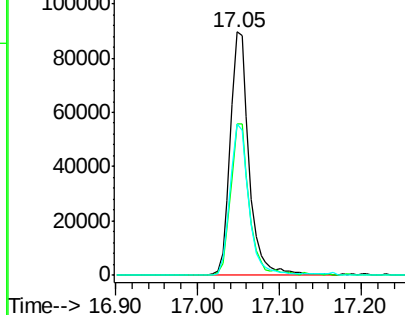
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	62.3	49.6	74.4

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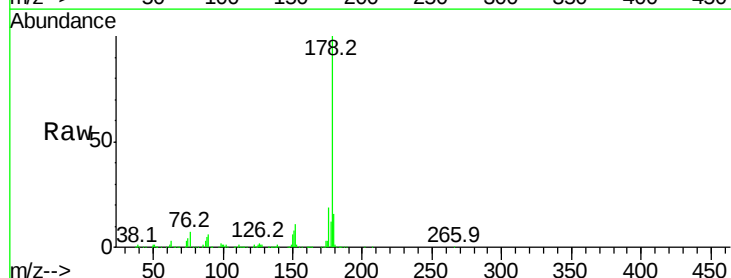


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

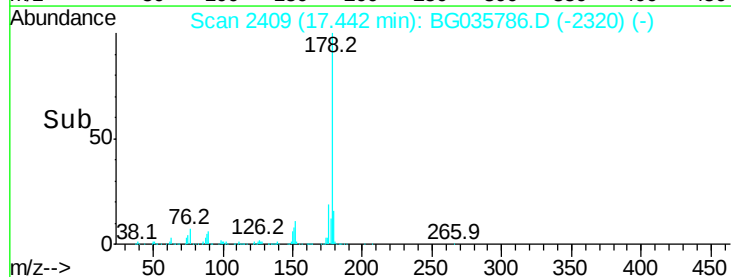
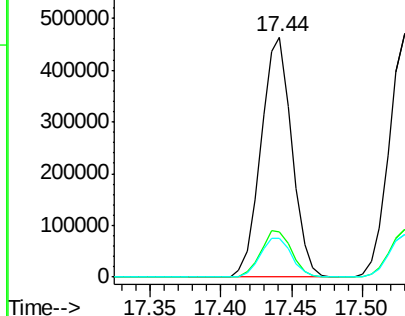


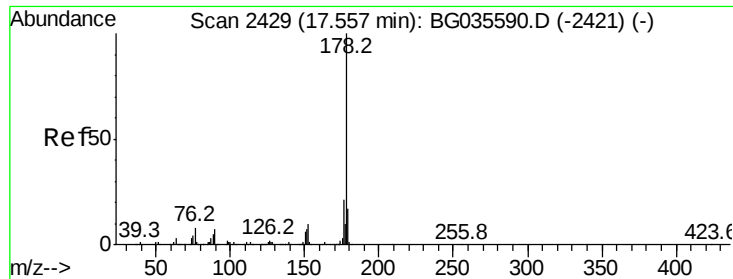
#70
 Phenanthrene
 Concen: 42.083 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. -0.01 min
 Lab File: BG035786.D
 Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	16.4	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





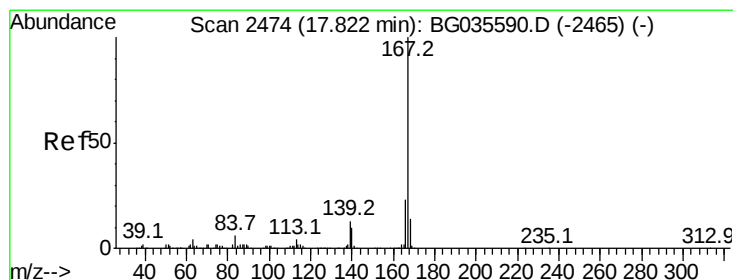
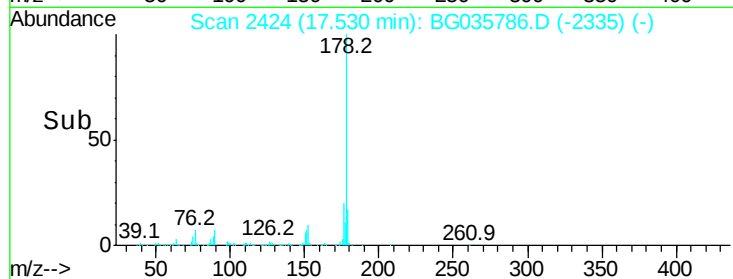
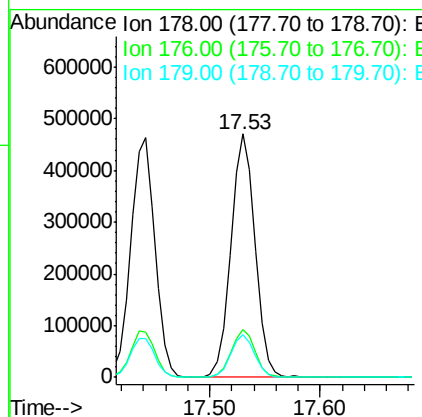
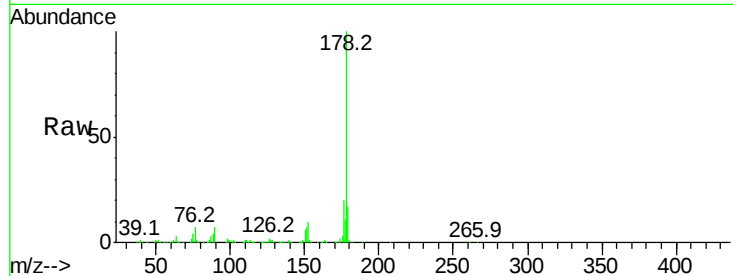
#71
 Anthracene
 Concen: 42.736 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.01 min
 Lab File: BG035786.D
 Acq: 20 Jul 2018 16:12

Instrument :
 BNA_G
 ClientSampleId :
 PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
178	100	718018		
176	19.7	16.0	24.0	
179	17.4	12.5	18.7	

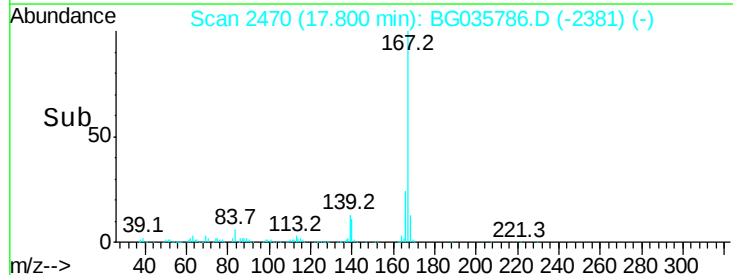
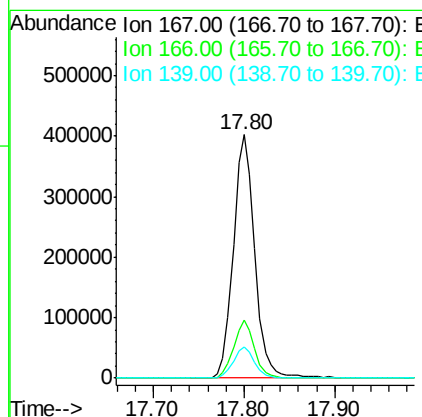
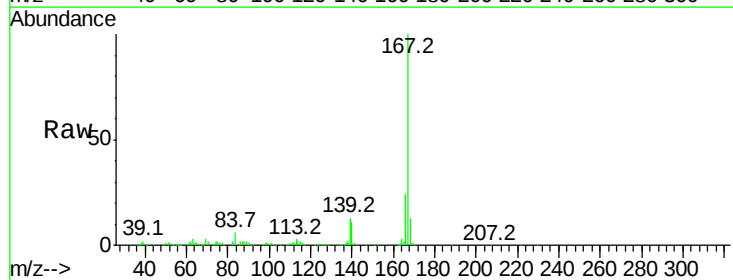
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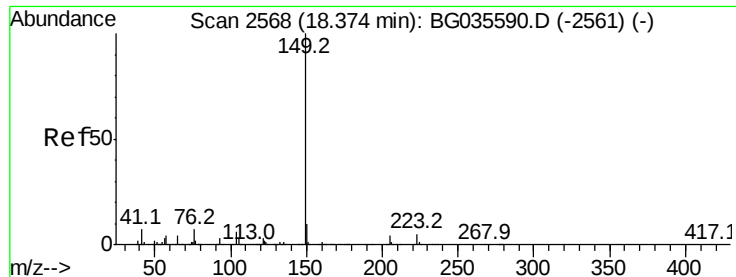
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#72
 Carbazole
 Concen: 41.447 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.01 min
 Lab File: BG035786.D
 Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	661324		
166	23.7	18.2	27.4	
139	12.7	9.4	14.2	





#73

Di-n-butylphthalate

Concen: 40.613 ng

RT: 18.35 min Scan# 2564

Delta R.T. -0.01 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Instrument :

BNA_G

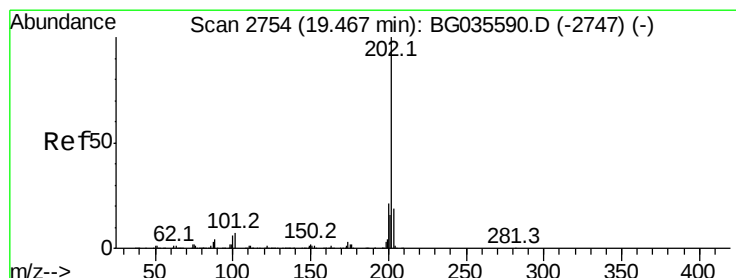
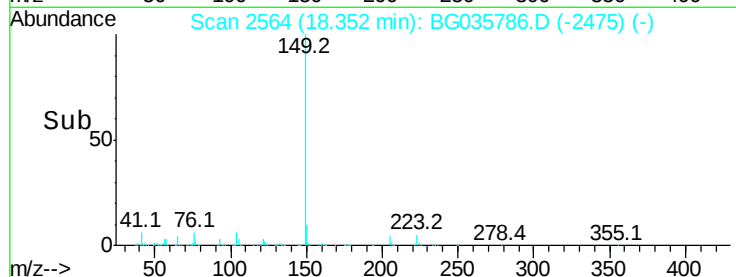
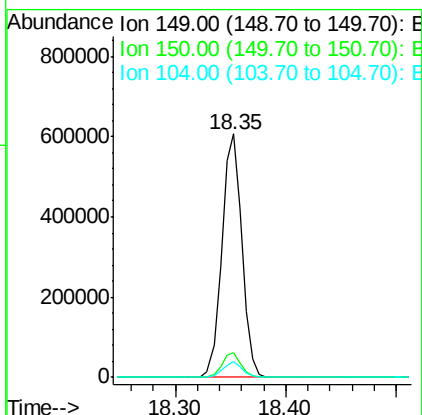
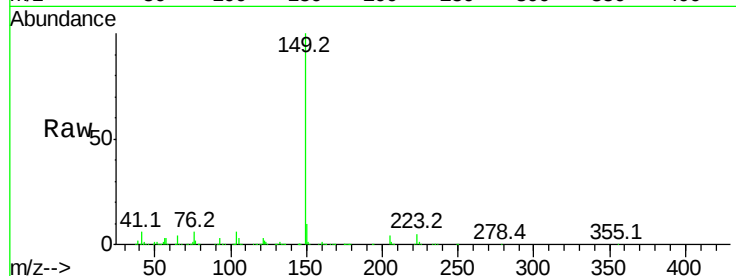
ClientSampleId :

PB111042BSD

Tot Ion:	149	Resp:	765768
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.8	11.6
104	6.4	3.9	5.9

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#74

Fluoranthene

Concen: 41.983 ng

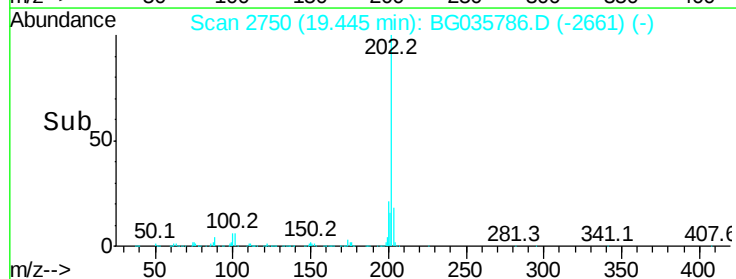
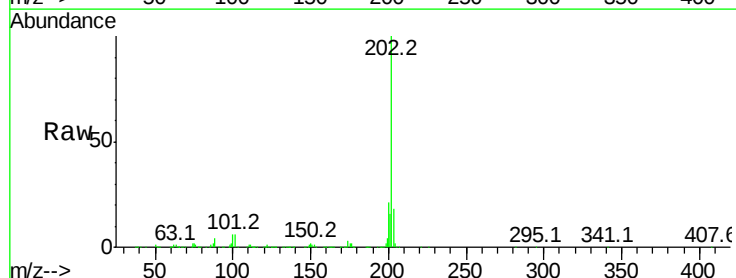
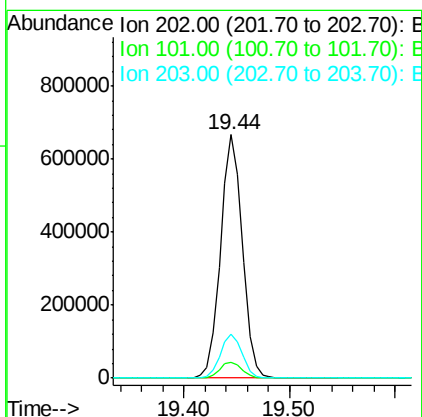
RT: 19.44 min Scan# 2750

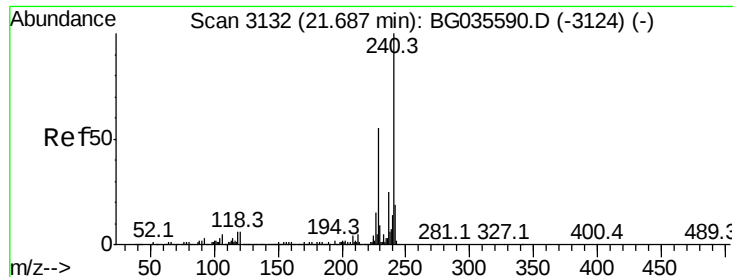
Delta R.T. -0.01 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Tgt Ion:	202	Resp:	954192
Ion Ratio	Lower	Upper	
202	100		
101	6.5	0.0	28.9
203	18.2	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Instrument :

BNA_G

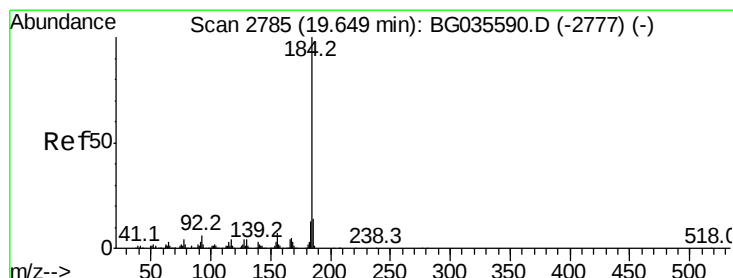
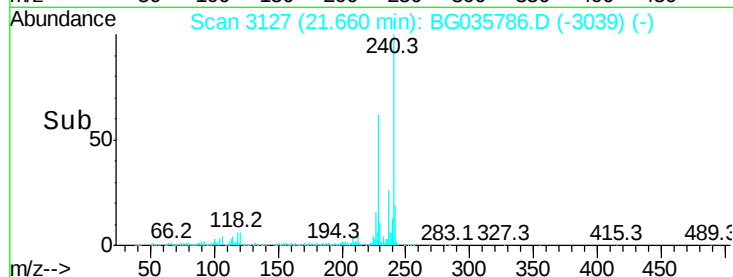
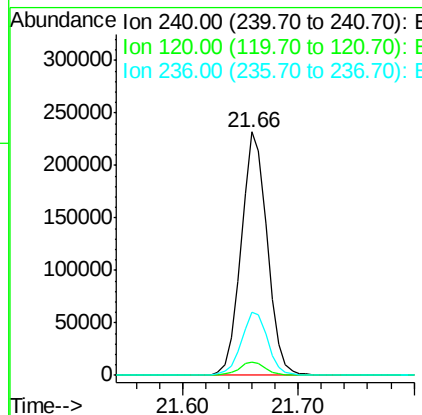
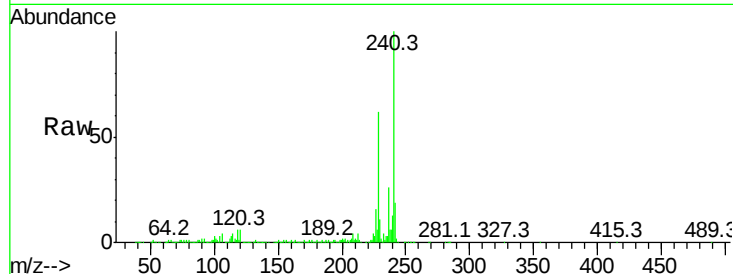
ClientSampleId :

PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	5.6	6.8	10.2#	
236	25.9	20.9	31.3	

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#76

Benzidine

Concen: 39.371 ng

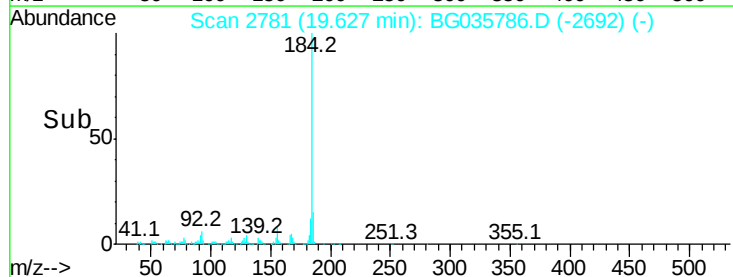
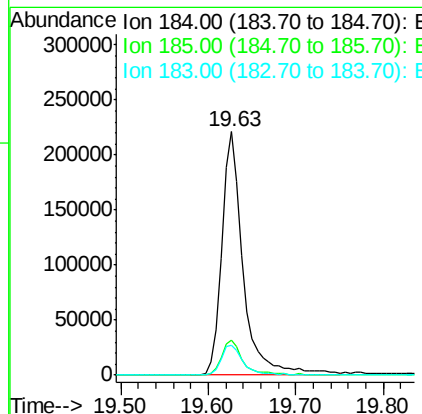
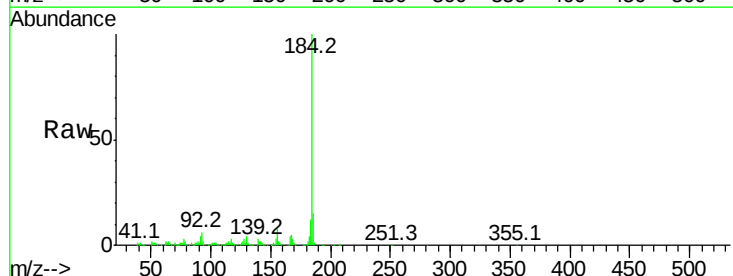
RT: 19.63 min Scan# 2781

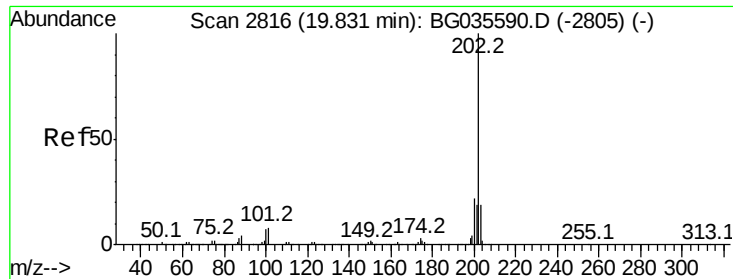
Delta R.T. -0.01 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.6	11.1	16.7	
183	12.4	10.6	16.0	





#77

Pvrene

Concen: 41.293 ng

RT: 19.81 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Instrument :

BNA_G

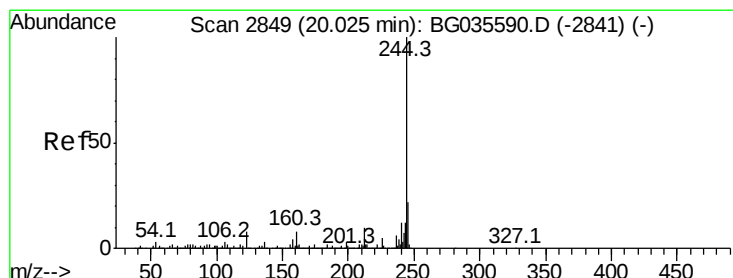
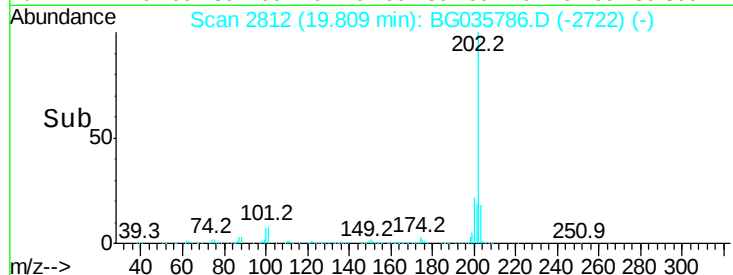
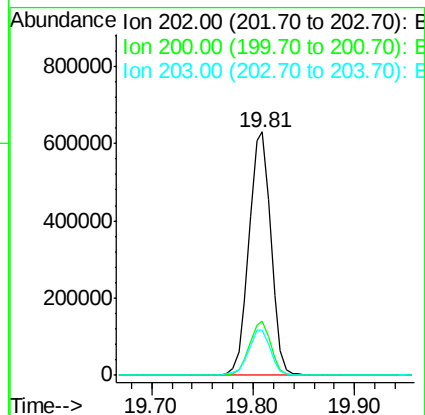
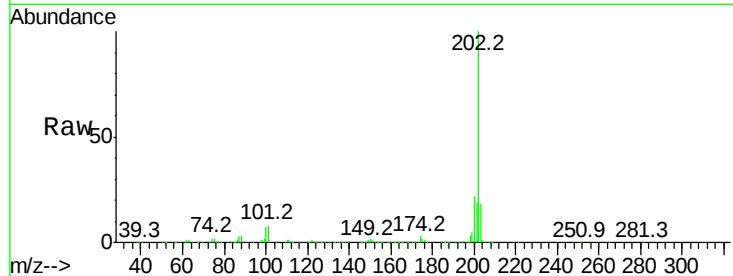
ClientSampleId :

PB111042BSD

Tot Ion:	202	Resp:	944080
Ion Ratio		Lower	Upper
202	100		
200	22.3	16.9	25.3
203	18.4	13.9	20.9

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#78

Terphenyl-d14

Concen: 90.030 ng

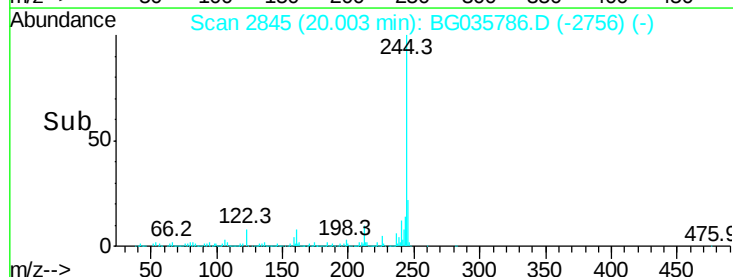
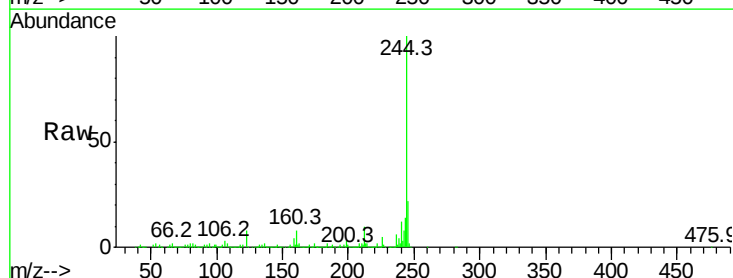
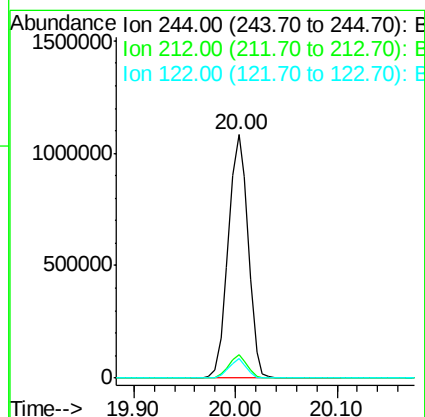
RT: 20.00 min Scan# 2845

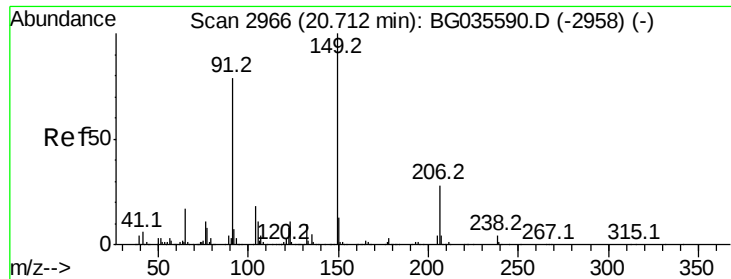
Delta R.T. -0.01 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Tgt Ion:	244	Resp:	1476790
Ion Ratio		Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	7.9	7.0	10.4





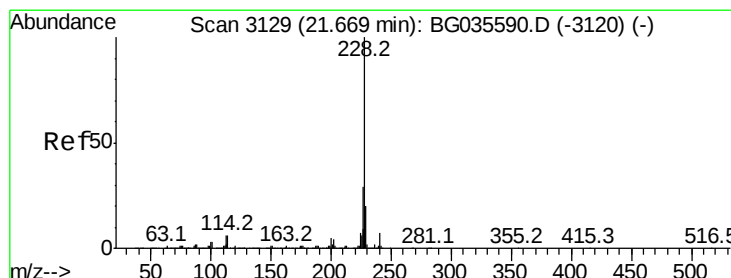
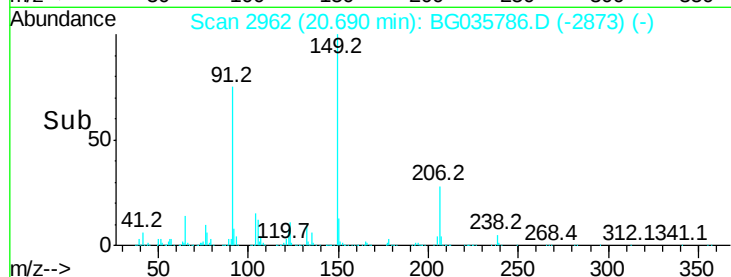
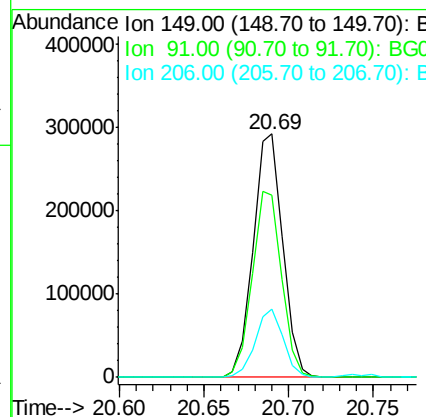
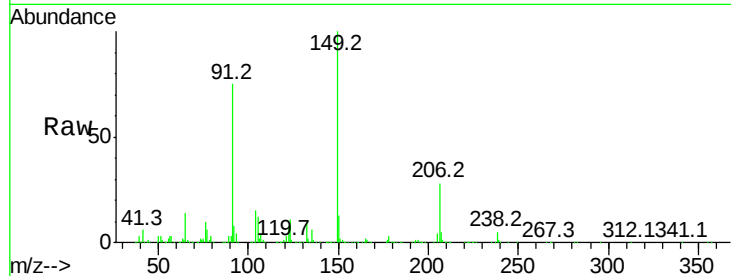
#79
Butylbenzylphthalate
Concen: 43.666 ng
RT: 20.69 min Scan# 2962
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Instrument :
BNA_G
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	357010		
91	74.9	62.2	93.2	
206	28.1	18.6	27.8	

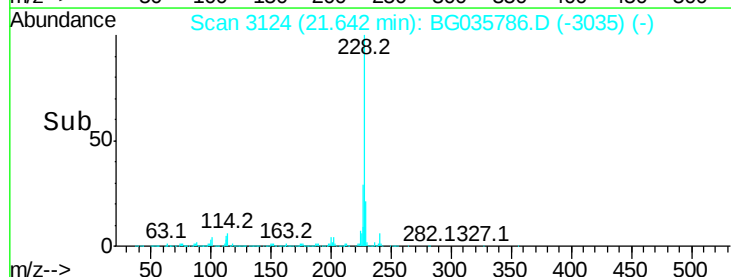
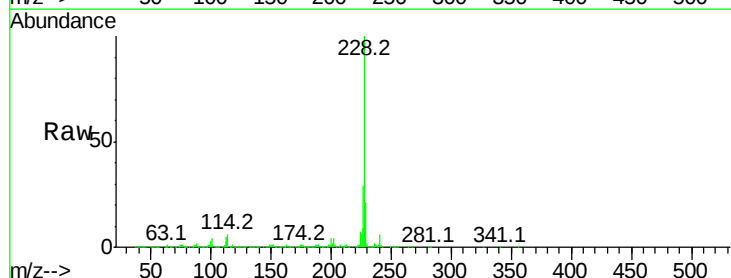
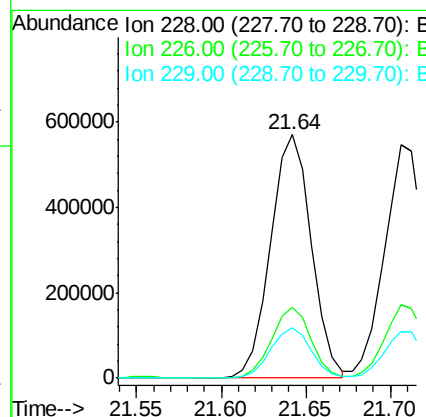
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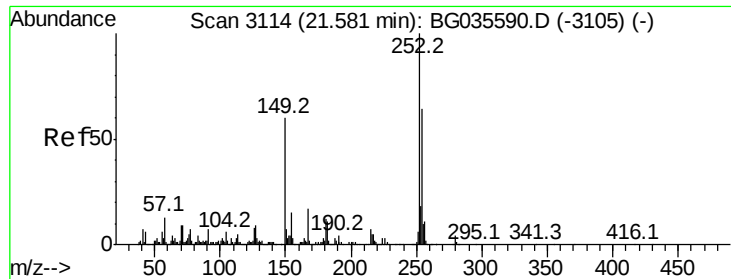
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#80
Benzo(a)anthracene
Concen: 42.351 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BG035786.D
Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	954276		
226	28.9	22.7	34.1	
229	20.5	16.2	24.2	





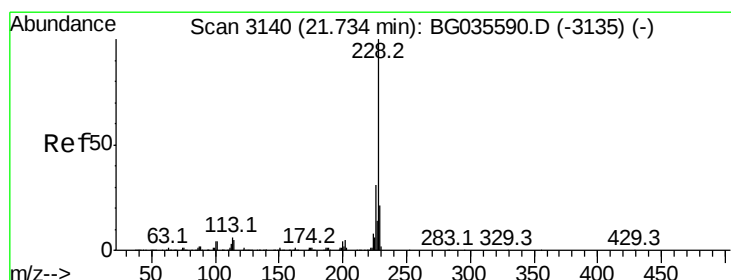
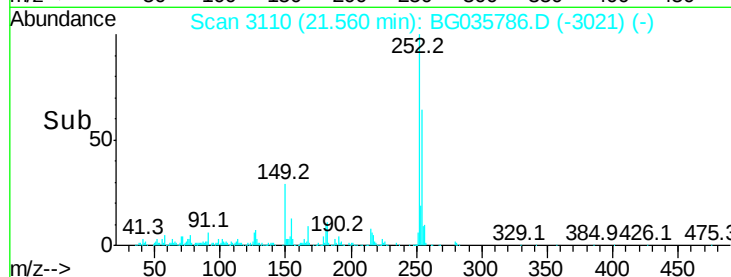
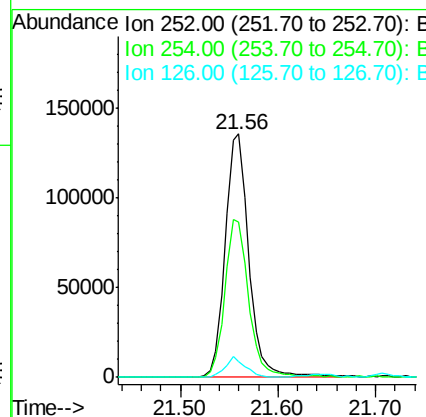
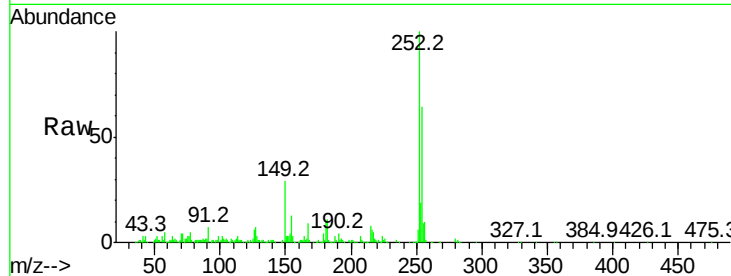
#81
 3,3'-Dichlorobenzidine
 Concen: 29.027 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BG035786.D
 Acq: 20 Jul 2018 16:12

Instrument :
 BNA_G
 ClientSampleId :
 PB111042BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.9	50.8	76.2
126	6.3	7.4	11.2#

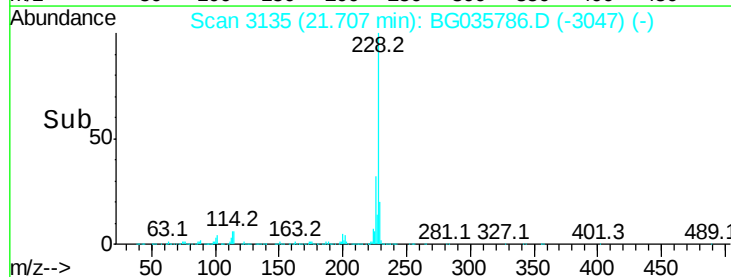
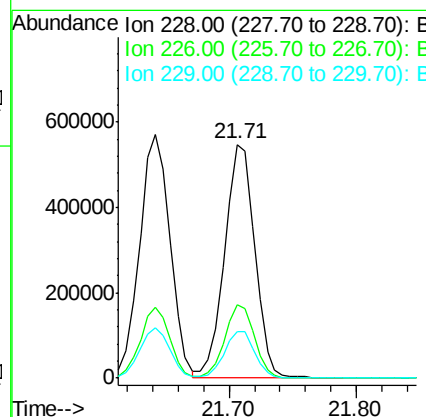
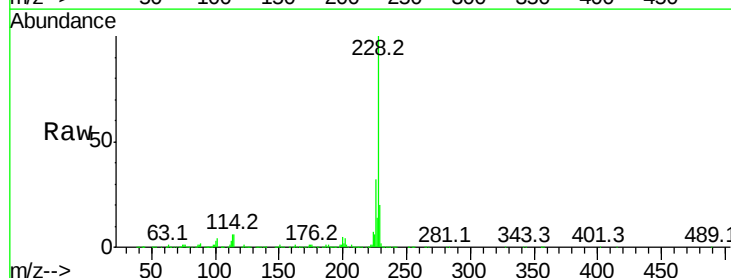
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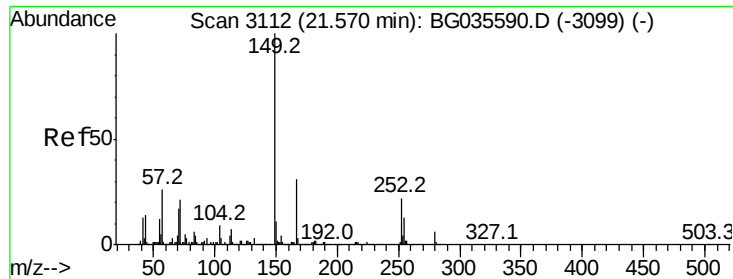
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#82
 Chrysene
 Concen: 43.192 ng
 RT: 21.71 min Scan# 3135
 Delta R.T. -0.02 min
 Lab File: BG035786.D
 Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.6	24.9	37.3
229	20.0	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.654 ng

RT: 21.54 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Instrument :

BNA_G

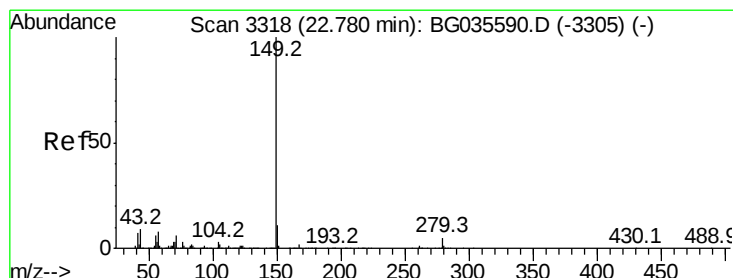
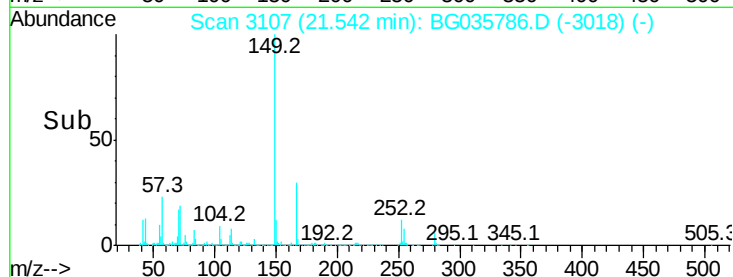
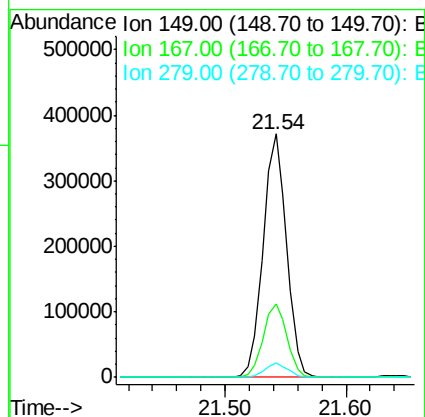
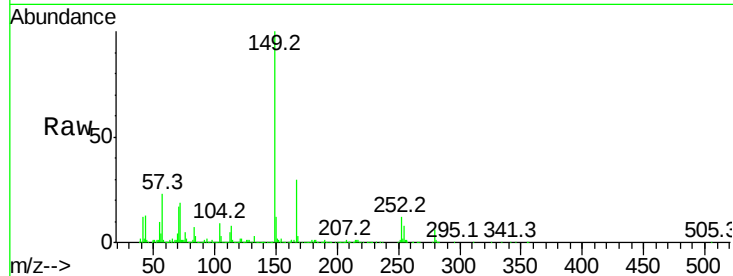
ClientSampleId :

PB111042BSD

Tot Ion:	149	Resp:	496332
Ion Ratio	Lower	Upper	
149	100		
167	30.2	24.3	36.5
279	5.7	4.0	6.0

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#84

Di-n-octyl phthalate

Concen: 45.748 ng

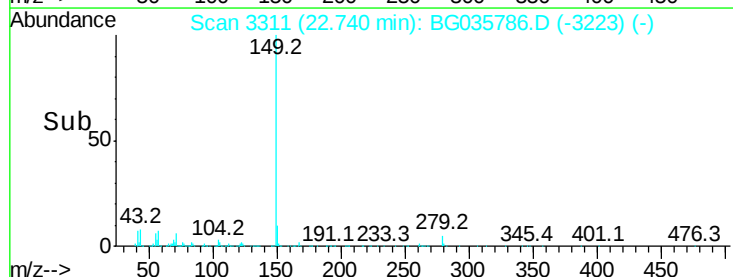
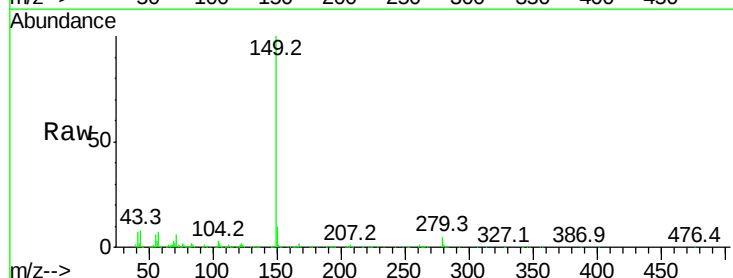
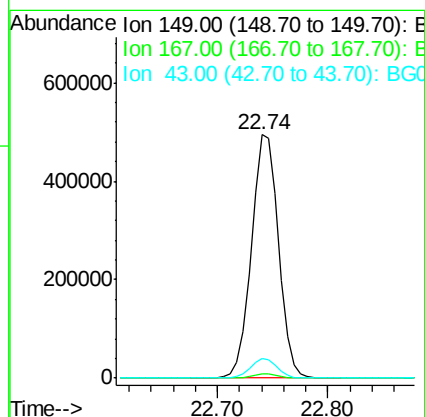
RT: 22.74 min Scan# 3311

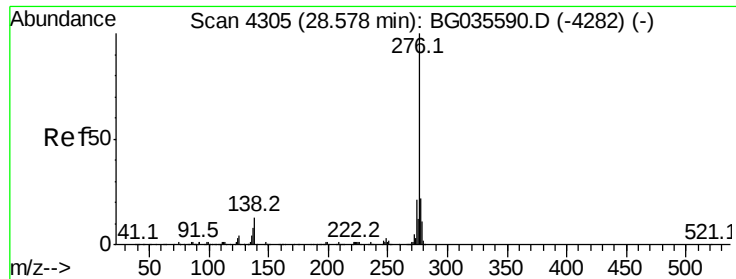
Delta R.T. -0.02 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Tgt Ion:	149	Resp:	851407
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	7.9	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.353 ng

RT: 28.51 min Scan# 4294

Delta R.T. -0.03 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Instrument :

BNA_G

ClientSampleId :

PB111042BSD

Tot Ion:276 Resp: 1025336

Ion Ratio Lower Upper

276 100

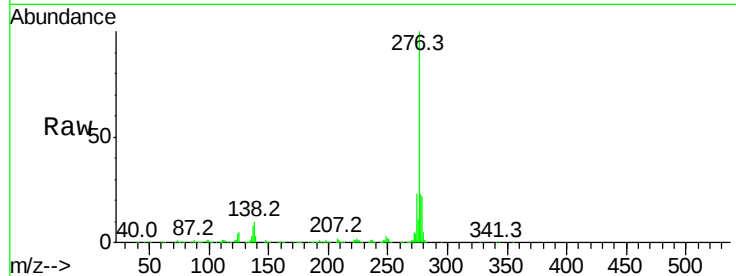
138 6.5 16.0 24.0#

277 26.3 20.0 30.0

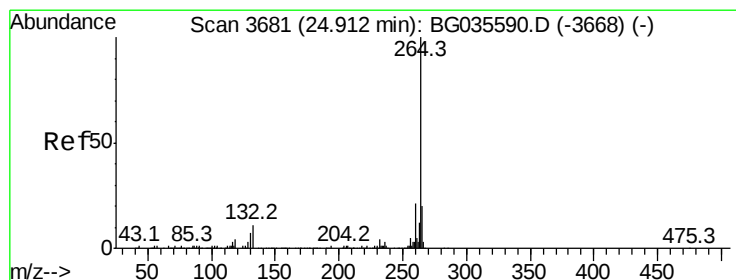
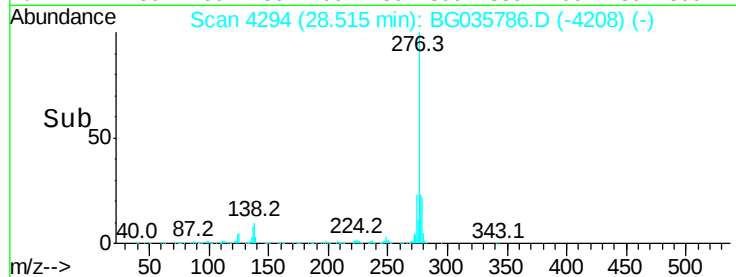
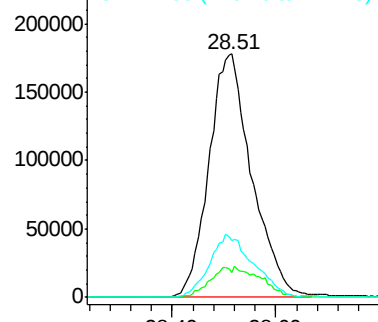
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3672

Delta R.T. -0.02 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

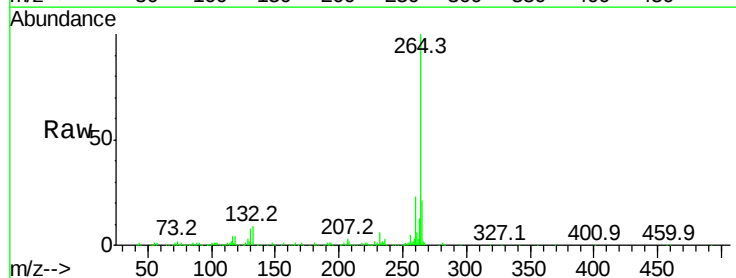
Tgt Ion:264 Resp: 350567

Ion Ratio Lower Upper

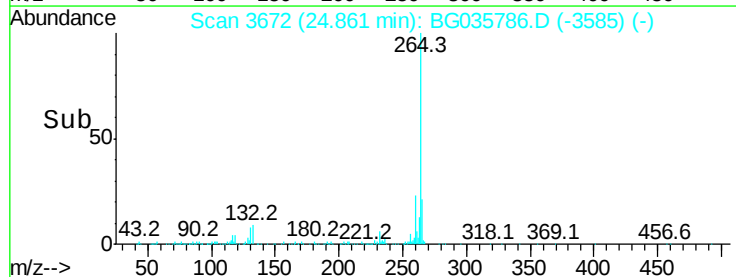
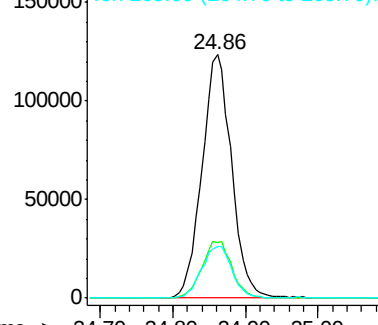
264 100

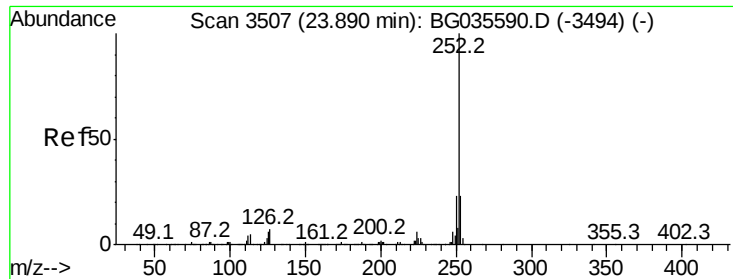
260 22.9 17.4 26.0

265 21.3 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: 43.704 ng

RT: 23.84 min Scan# 3499

Delta R.T. -0.02 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Instrument :

BNA_G

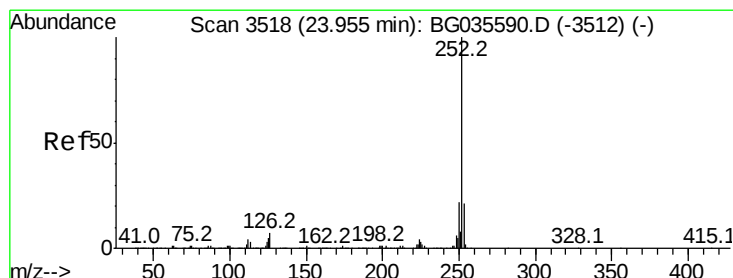
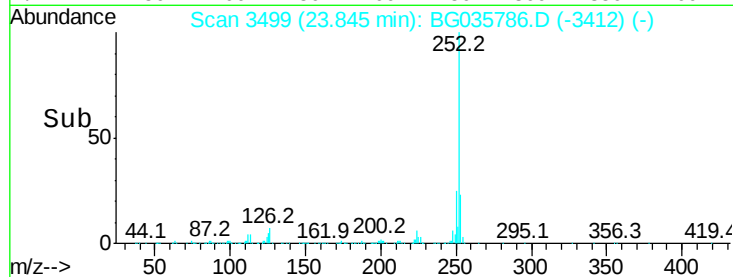
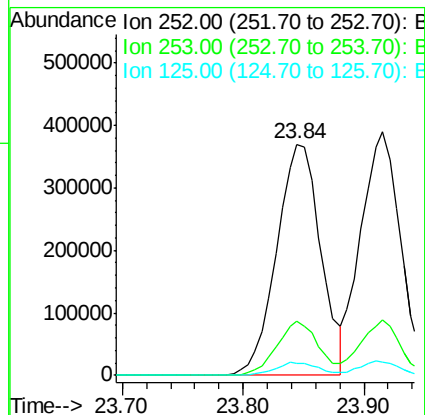
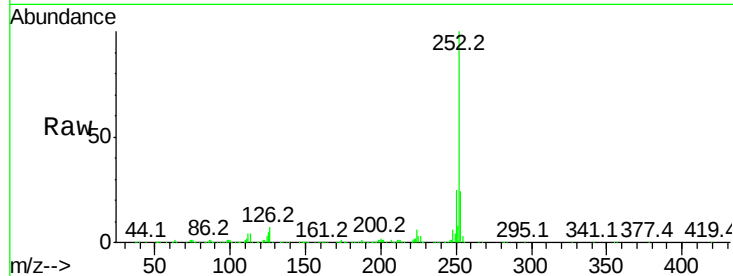
ClientSampleId :

PB111042BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	5.3	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 42.781 ng

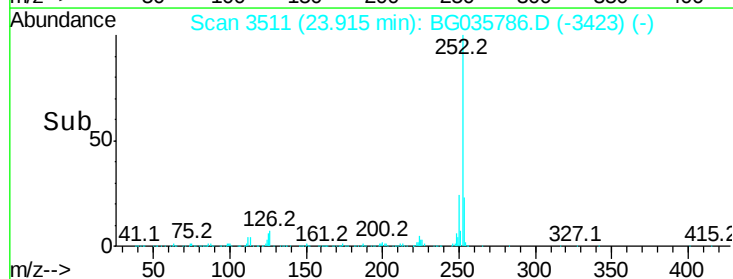
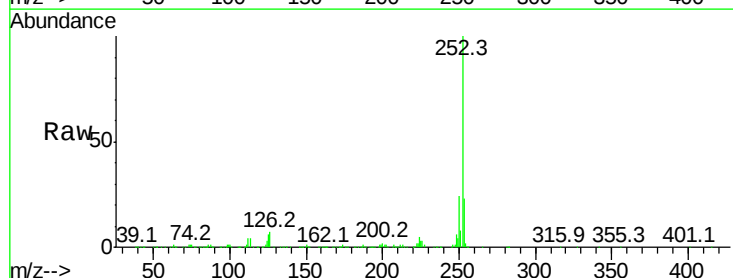
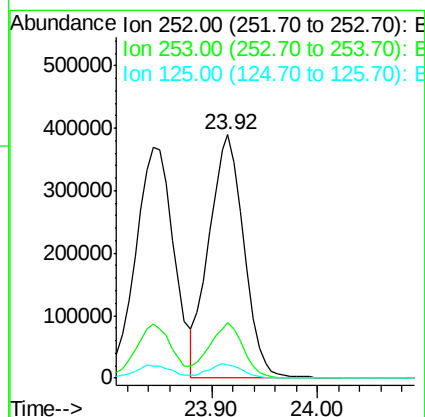
RT: 23.92 min Scan# 3511

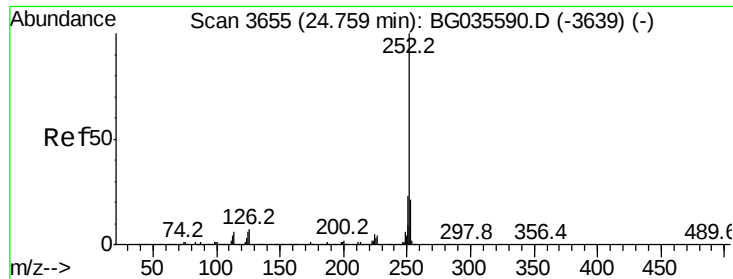
Delta R.T. -0.02 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	5.6	6.6	9.8





#89

Benzo(a)pyrene

Concen: 44.896 ng

RT: 24.71 min Scan# 3647

Delta R.T. -0.02 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Instrument :

BNA_G

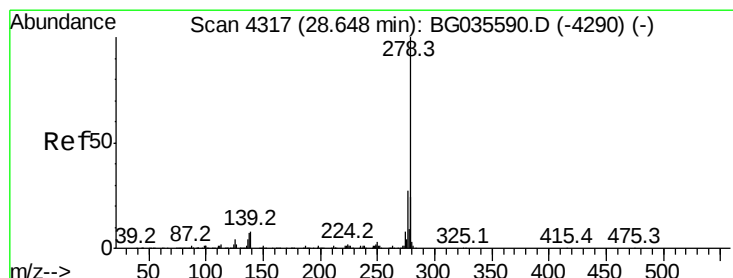
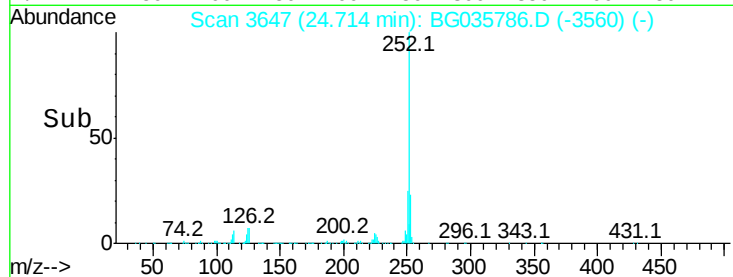
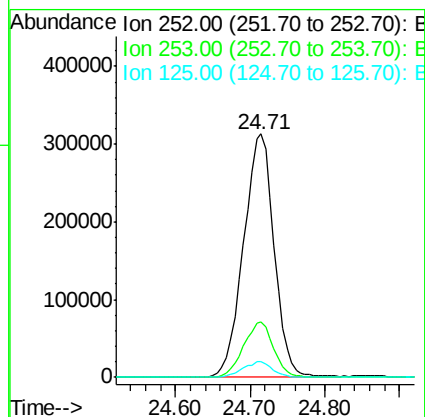
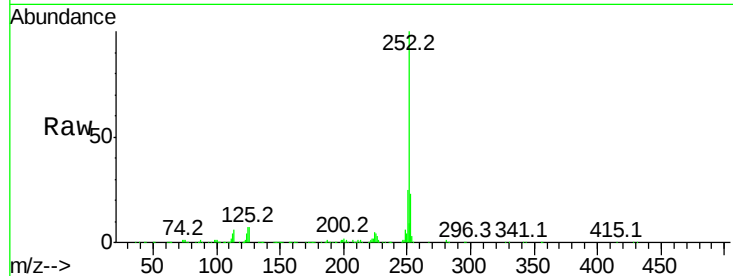
ClientSampleId :

PB111042BSD

Tot Ion:	252	Resp:	889965
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.3	27.5
125	6.6	7.3	10.9#

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#90

Dibenzo(a,h)anthracene

Concen: 44.244 ng

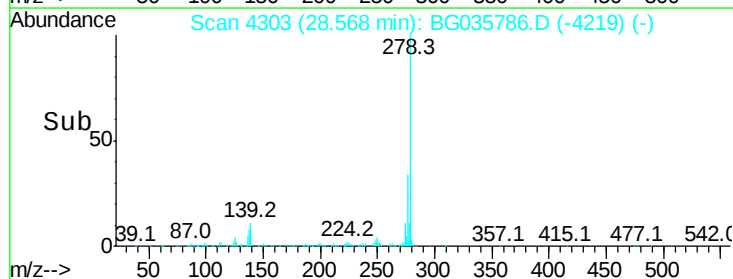
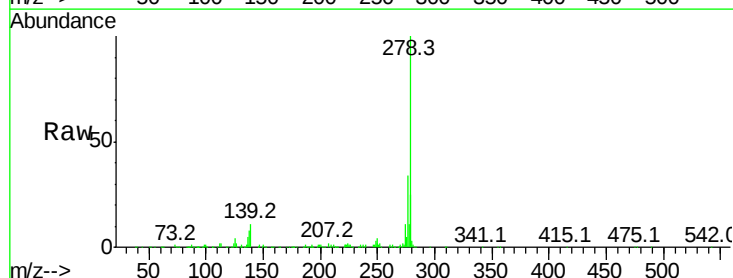
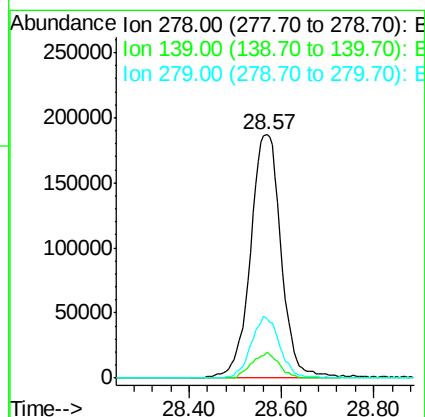
RT: 28.57 min Scan# 4303

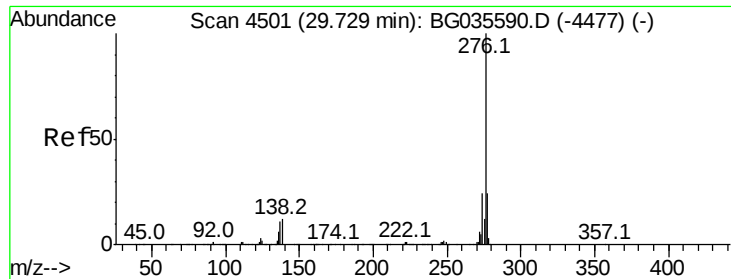
Delta R.T. -0.04 min

Lab File: BG035786.D

Acq: 20 Jul 2018 16:12

Tgt Ion:	278	Resp:	861033
Ion Ratio	Lower	Upper	
278	100		
139	10.9	9.8	14.6
279	24.5	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 44.938 ng
 RT: 29.65 min Scan# 4488
 Delta R.T. -0.03 min
 Lab File: BG035786.D
 Acq: 20 Jul 2018 16:12

Instrument :
 BNA_G
 ClientSampleId :
 PB111042BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.3	27.5
138	12.4	13.9	20.9

Manual Integrations
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