

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035985.D
 Acq On : 30 Jul 2018 20:52
 Operator : JU/SJ
 Sample : PB111594BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111594BSD

Manual Integrations
 APPROVED

Sohil
 7/31/2018 2:39:55 PM

Quant Time: Jul 31 01:48:11 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 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	34428	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	140036	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	112324	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	309597	20.00	ng	0.00
75) Chrysene-d12	21.66	240	320620	20.00	ng	0.00
86) Perylene-d12	24.85	264	313753	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	216961	104.63	ng	0.00
7) Phenol-d6	7.20	99	325829	105.31	ng	0.00
23) Nitrobenzene-d5	9.19	82	324868	96.91	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	167644	113.23	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	800012	95.42	ng	0.00
78) Terphenyl-d14	20.00	244	1337414	91.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	32194	30.503	ng	# 76
3) Pyridine	3.91	79	98159	35.625	ng	# 73
4) n-Nitrosodimethylamine	3.82	42	43880	37.090	ng	# 68
6) Aniline	7.35	93	119919	29.904	ng	96
8) 2-Chlorophenol	7.59	128	114315	54.202	ng	96
9) Benzaldehyde	7.17	77	68865	36.276	ng	94
10) Phenol	7.22	94	171989	55.023	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	107750	44.017	ng	88
12) 1,3-Dichlorobenzene	7.91	146	116434	45.716	ng	97
13) 1,4-Dichlorobenzene	8.06	146	120384	46.521	ng	98
14) 1,2-Dichlorobenzene	8.38	146	116201	46.743	ng	96
15) Benzyl Alcohol	8.26	79	132247	47.070	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.55	45	122345	59.614	ng	77
17) 2-Methylphenol	8.46	107	113621	53.463	ng	# 92
18) Hexachloroethane	9.10	117	45931	46.422	ng	95
19) n-Nitroso-di-n-propylamine	8.82	70	108282	41.562	ng	# 84
20) 3+4-Methylphenols	8.79	107	158711	53.832	ng	93
22) Acetophenone	8.85	105	199445	45.800	ng	# 90
24) Nitrobenzene	9.23	77	162799	48.291	ng	95
25) Isophorone	9.74	82	322671	51.853	ng	99
26) 2-Nitrophenol	9.94	139	68389	57.119	ng	# 84
27) 2,4-Dimethylphenol	10.00	122	124453	61.406	ng	90
28) bis(2-Chloroethoxy)methane	10.23	93	169212	49.349	ng	97
29) 2,4-Dichlorophenol	10.48	162	141085	60.983	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	148624	52.390	ng	94
31) Naphthalene	10.88	128	360817	49.463	ng	99
32) Benzoic acid	10.19	122	42179m	30.915	ng	
33) 4-Chloroaniline	10.99	127	44898	14.122	ng	# 90
34) Hexachlorobutadiene	11.15	225	109316	49.416	ng	93
35) Caprolactam	11.77	113	50630m	50.997	ng	
36) 4-Chloro-3-methylphenol	12.11	107	178023	57.407	ng	92
37) 2-Methylnaphthalene	12.48	142	293854	54.071	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	203736	48.057	ng	99
40) Hexachlorocyclopentadiene	12.82	237	245427	110.385	ng	97

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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	131475	53.030	nq	99
43) 2,4,5-Trichlorophenol	13.16	196	146775	52.919	nq	97
45) 1,1'-Biphenyl	13.48	154	416735	47.854	nq	96
46) 2-Chloronaphthalene	13.53	162	331166	48.889	nq	98
47) 2-Nitroaniline	13.73	65	119467	49.887	nq	91
48) Acenaphthylene	14.37	152	565785	49.863	nq	97
49) Dimethylphthalate	14.10	163	485249	49.308	nq	98
50) 2,6-Dinitrotoluene	14.23	165	112906	56.339	nq #	88
51) Acenaphthene	14.71	154	329700	46.644	nq	98
52) 3-Nitroaniline	14.56	138	50660	24.733	nq #	92
53) 2,4-Dinitrophenol	14.77	184	72241	70.914	nq #	63
54) Dibenzofuran	15.04	168	559352	49.758	nq	95
55) 4-Nitrophenol	14.87	139	141582	97.060	nq #	88
56) 2,4-Dinitrotoluene	15.01	165	163250	56.781	nq	88
57) Fluorene	15.70	166	470179	49.903	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	156460	58.836	nq #	90
59) Diethylphthalate	15.46	149	490832	48.504	nq	98
60) 4-Chlorophenyl-phenylether	15.68	204	276728	49.972	nq	96
61) 4-Nitroaniline	15.72	138	104612	48.825	nq #	81
62) Azobenzene	15.98	77	482281	48.317	nq	96
64) 4,6-Dinitro-2-methylphenol	15.78	198	82814	48.052	nq	83
65) n-Nitrosodiphenylamine	15.90	169	426758	48.428	nq	95
66) 4-Bromophenyl-phenylether	16.58	248	188219	52.402	nq	94
67) Hexachlorobenzene	16.70	284	194070	52.467	nq	95
68) Atrazine	16.85	200	194073	53.489	nq	96
69) Pentachlorophenol	17.05	266	168124	74.622	nq	98
70) Phenanthrene	17.43	178	776269	50.249	nq	98
71) Anthracene	17.53	178	798117	51.885	nq	99
72) Carbazole	17.79	167	709609	48.576	nq	99
73) Di-n-butylphthalate	18.34	149	815767	47.255	nq #	98
74) Fluoranthene	19.44	202	988883	47.523	nq	95
76) Benzidine	19.62	184	328165	38.932	nq	97
77) Pyrene	19.80	202	987979	48.733	nq	97
79) Butylbenzylphthalate	20.68	149	367993	50.759	nq	97
80) Benzo(a)anthracene	21.64	228	1003624	50.231	nq	98
81) 3,3'-Dichlorobenzidine	21.55	252	219963	31.574	nq #	93
82) Chrysene	21.70	228	941596	50.856	nq	98
83) Bis(2-ethylhexyl)phthalate	21.53	149	521753	52.937	nq	99
84) Di-n-octyl phthalate	22.73	149	877248	53.158	nq #	92
85) Indeno(1,2,3-cd)pyrene	28.50	276	1064669	51.938	nq #	74
87) Benzo(b)fluoranthene	23.84	252	959155	50.297	nq #	95
88) Benzo(k)fluoranthene	23.91	252	921661	49.436	nq #	97
89) Benzo(a)pyrene	24.71	252	921156	51.922	nq #	96
90) Dibenzo(a,h)anthracene	28.55	278	879179	50.478	nq #	96
91) Benzo(g,h,i)perylene	29.64	276	881457	51.718	nq #	95

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



#1

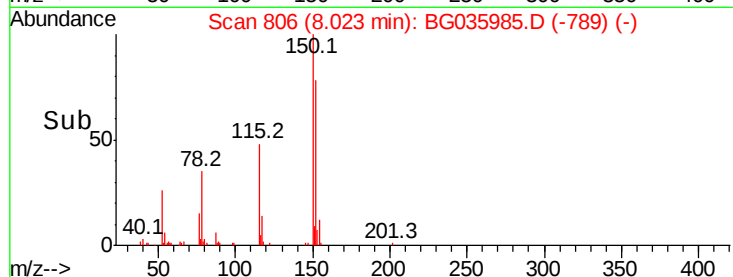
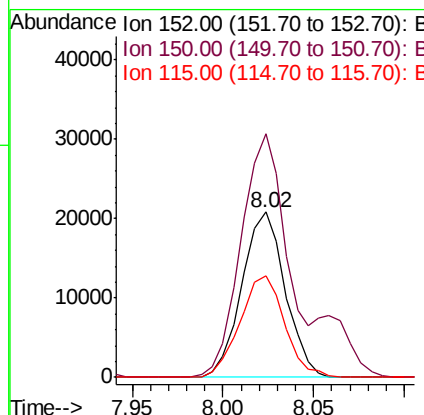
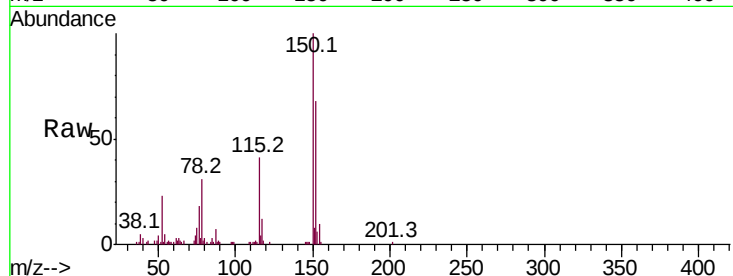
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB111594BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.6	126.6	189.8
115	61.2	53.0	79.4

Manual Integrations
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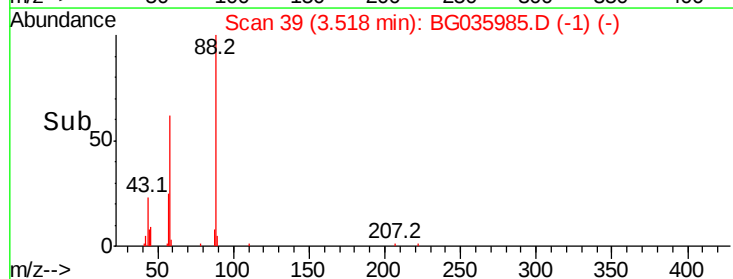
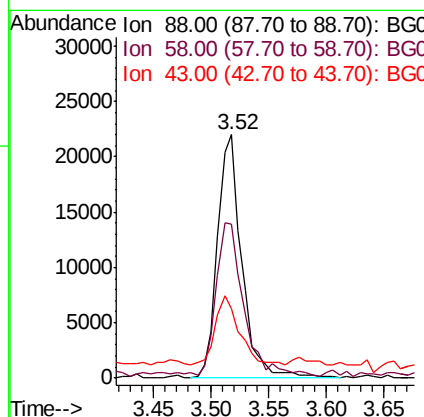
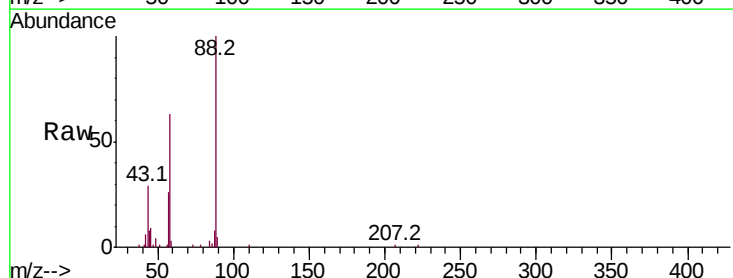
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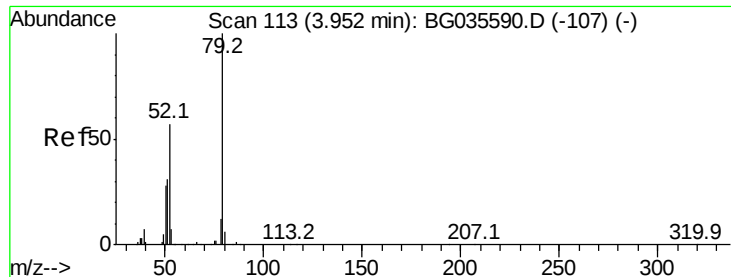


#2

1,4-Dioxane
 Concen: 30.503 ng
 RT: 3.52 min Scan# 39
 Delta R.T. -0.01 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.0	79.6	119.4#
43	27.8	27.4	41.0





#3

Pvridine

Concen: 35.625 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Instrument :

BNA_G

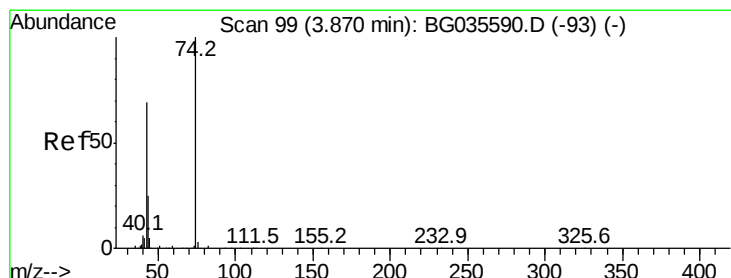
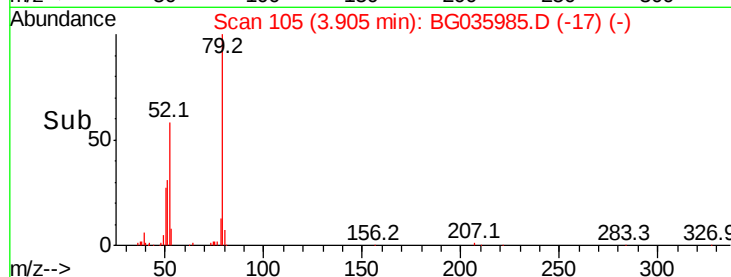
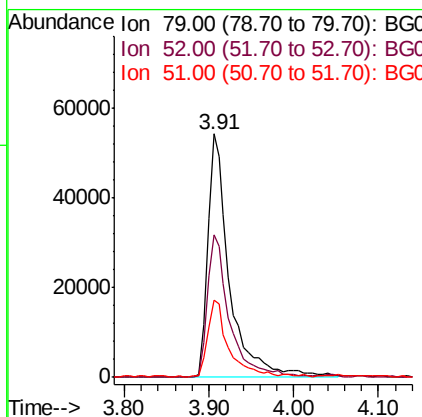
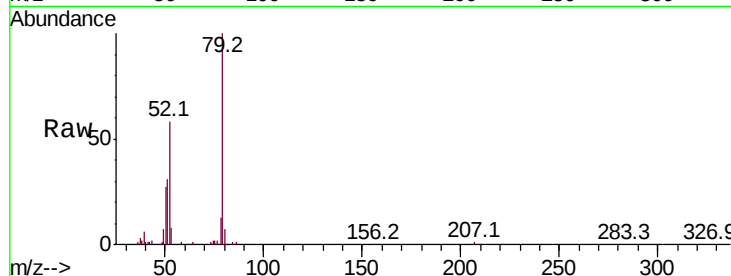
ClientSampleId :

PB111594BSD

Tot Ion:	79	Resp:	98159
Ion Ratio	Lower	Upper	
79	100		
52	58.5	69.9	104.9#
51	31.5	34.0	51.0#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.090 ng

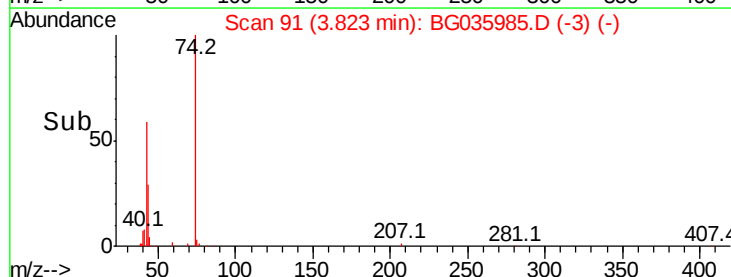
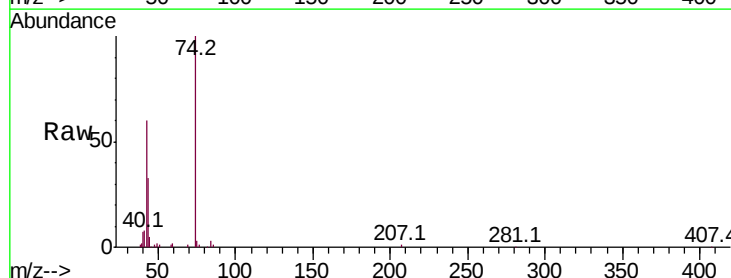
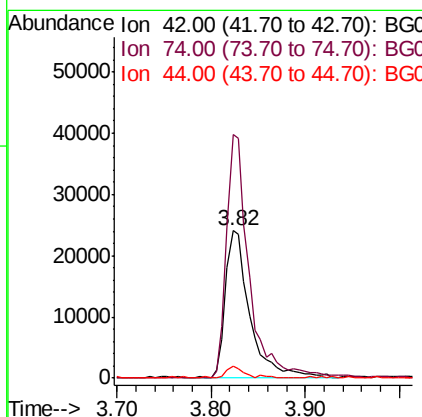
RT: 3.82 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Tgt Ion:	42	Resp:	43880
Ion Ratio	Lower	Upper	
42	100		
74	165.6	102.5	153.7#
44	7.8	18.9	28.3#





#5

2-Fluorophenol

Concen: 104.626 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Instrument :

BNA_G

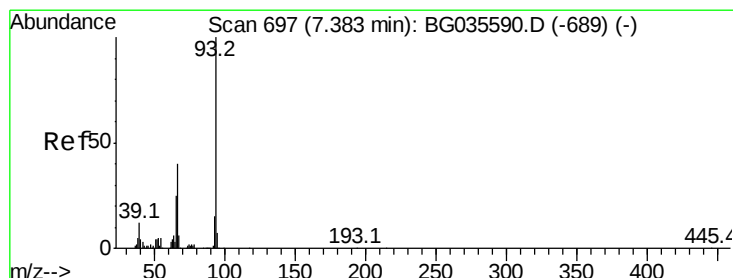
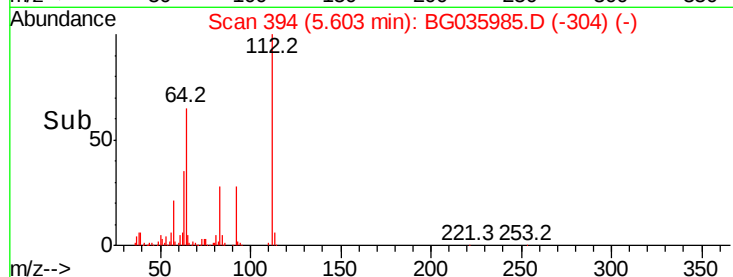
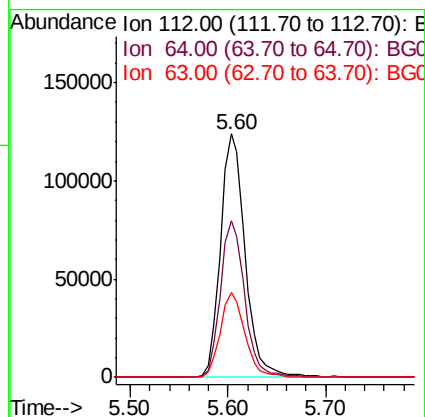
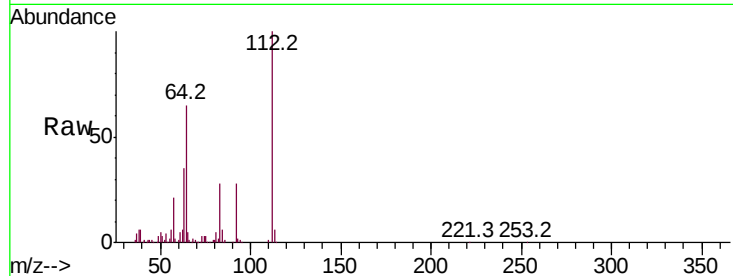
ClientSampleId :

PB111594BSD

Tot Ion:	112	Resp:	216961
Ion Ratio	Lower	Upper	
112	100		
64	64.5	56.3	84.5
63	35.1	30.1	45.1

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#6

Aniline

Concen: 29.904 ng

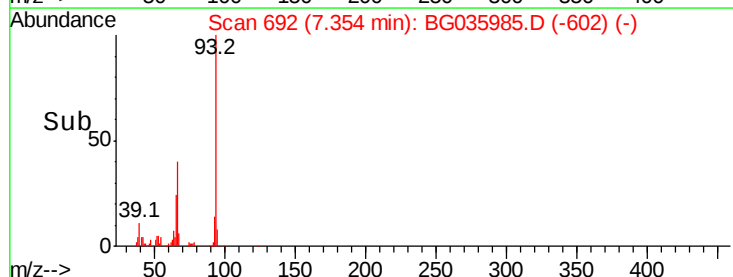
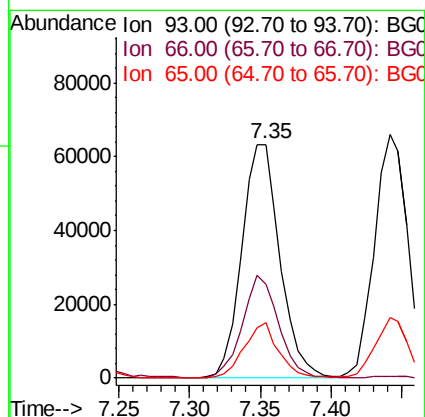
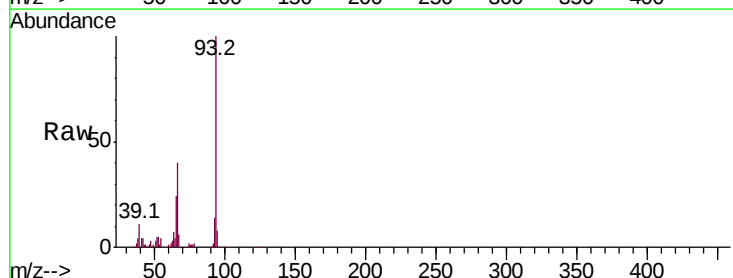
RT: 7.35 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Tgt Ion:	93	Resp:	119919
Ion Ratio	Lower	Upper	
93	100		
66	40.3	33.7	50.5
65	23.5	16.1	24.1





#7

Phenol-d6

Concen: 105.313 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Instrument :

BNA_G

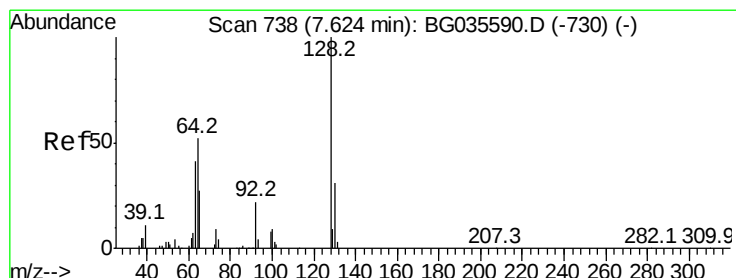
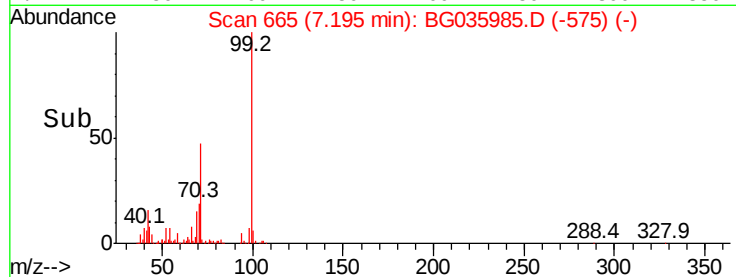
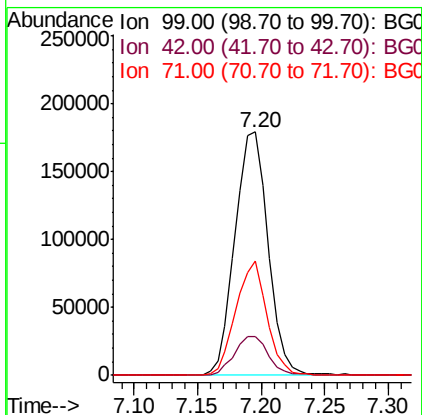
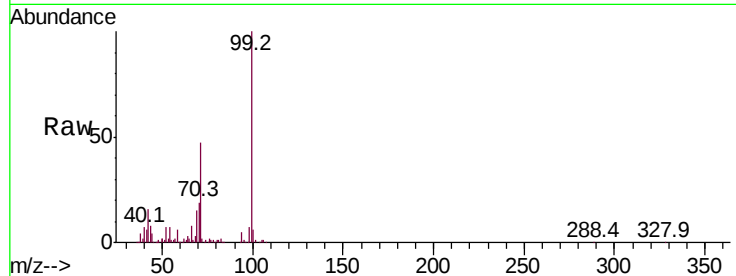
ClientSampleId :

PB111594BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100				
42	15.9	14.1	21.1		
71	46.7	26.1	39.1		

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#8

2-Chlorophenol

Concen: 54.202 ng

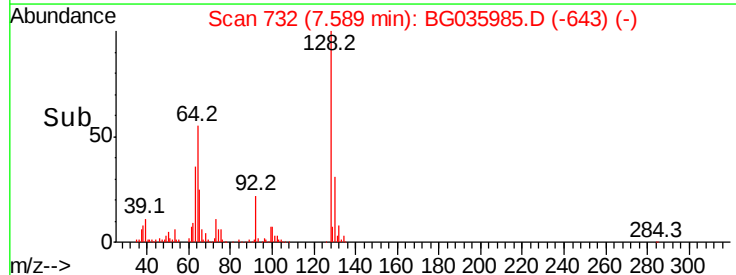
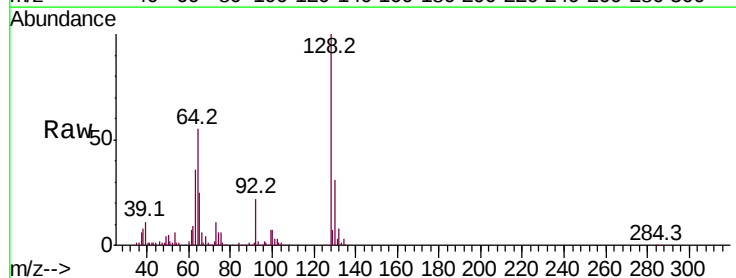
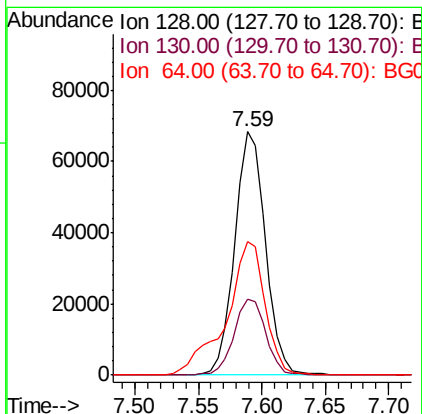
RT: 7.59 min Scan# 732

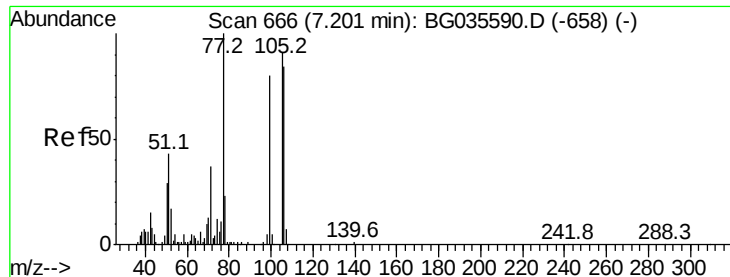
Delta R.T. -0.01 min

Lab File: BG035985.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
130	31.1	14.0	54.0		
64	55.1	37.7	77.7		





#9

Benzaldehyde

Concen: 36.276 ng

RT: 7.17 min Scan# 660

Delta R.T. -0.00 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Instrument :

BNA_G

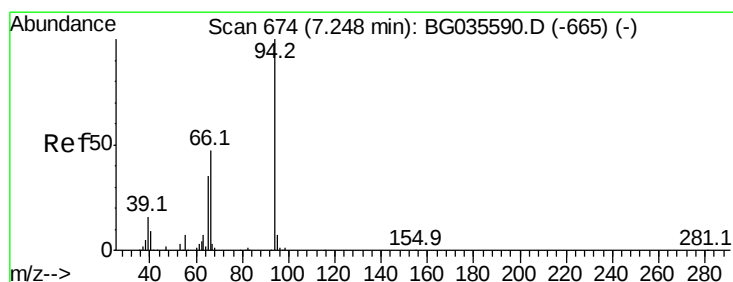
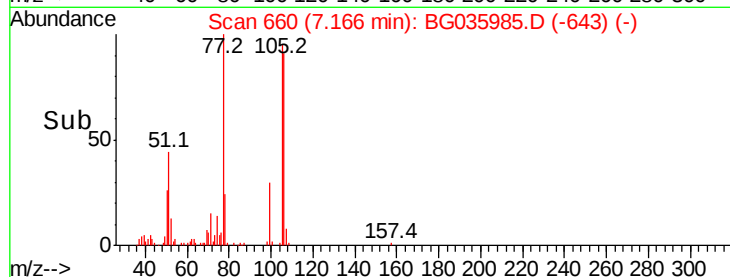
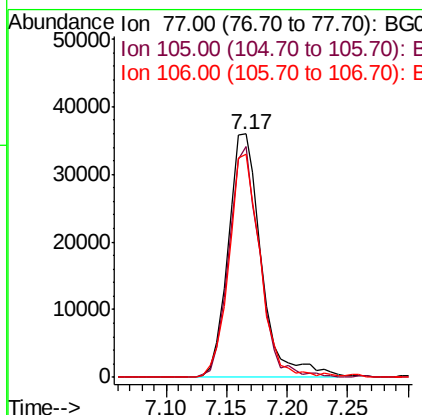
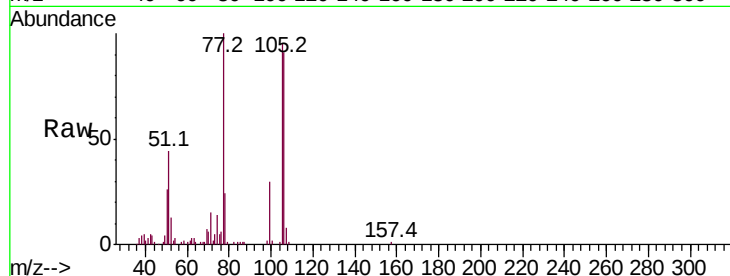
ClientSampleId :

PB111594BSD

Tot Ion:	77	Resp:	68865
Ion	Ratio	Lower	Upper
77	100		
105	94.9	71.3	111.3
106	91.4	64.2	104.2

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#10

Phenol

Concen: 55.023 ng

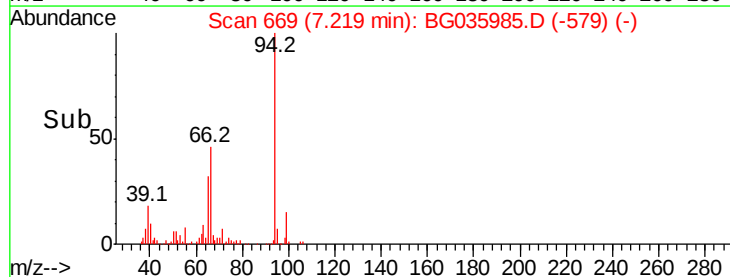
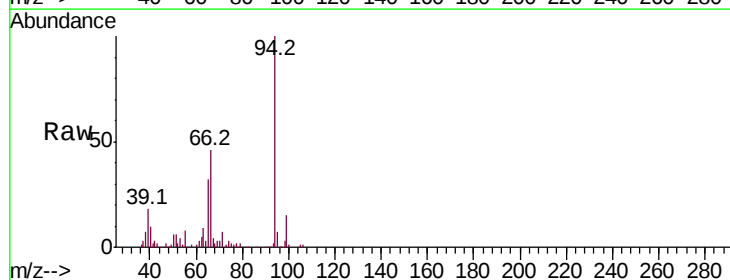
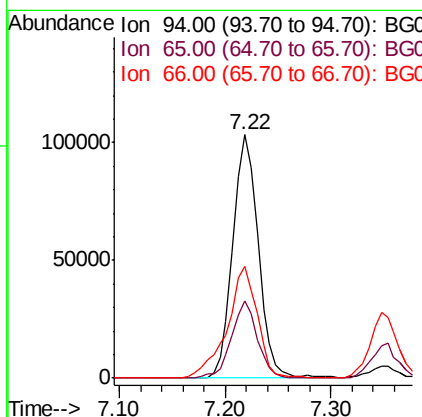
RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Tgt Ion:	94	Resp:	171989
Ion	Ratio	Lower	Upper
94	100		
65	31.8	11.9	51.9
66	45.7	22.2	62.2





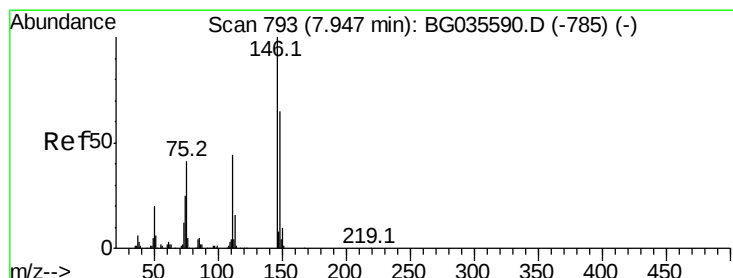
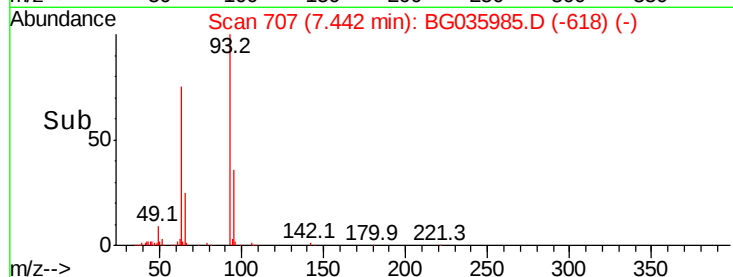
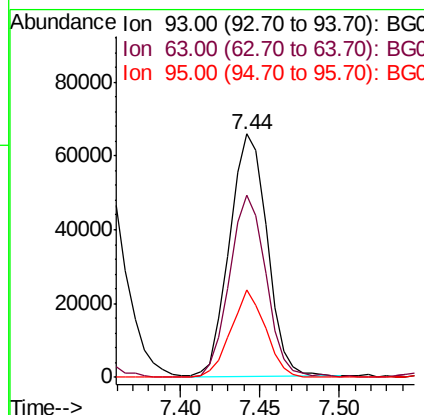
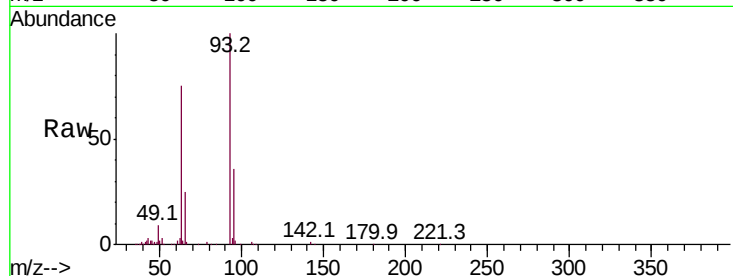
#11
bis(2-Chloroethyl)ether
Concen: 44.017 ng
RT: 7.44 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Instrument :
BNA_G
ClientSampleId :
PB111594BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.7	67.1	107.1
95	35.7	11.5	51.5

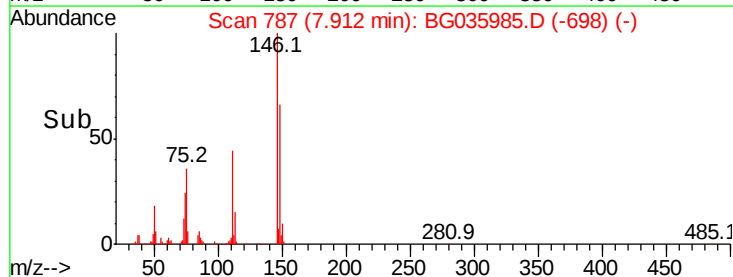
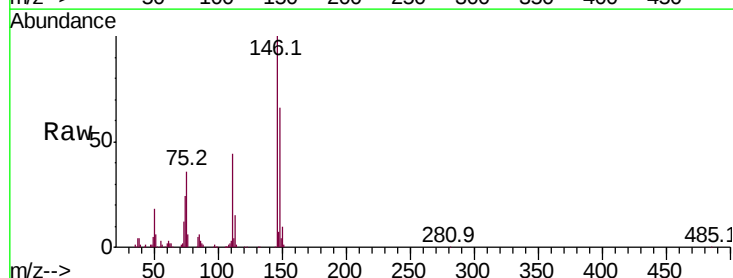
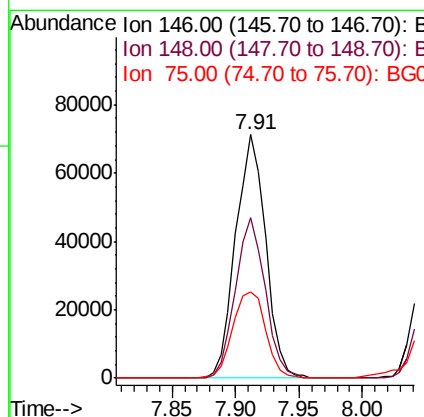
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 45.716 ng
RT: 7.91 min Scan# 787
Delta R.T. -0.01 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.2
75	35.6	26.6	39.8





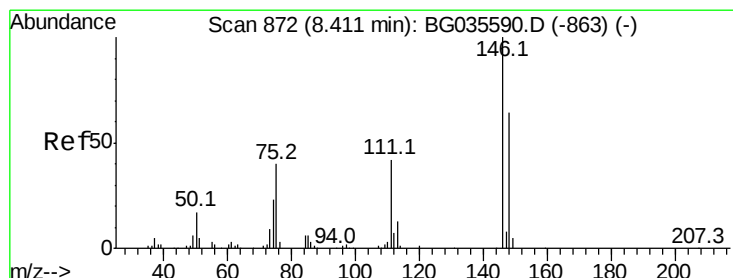
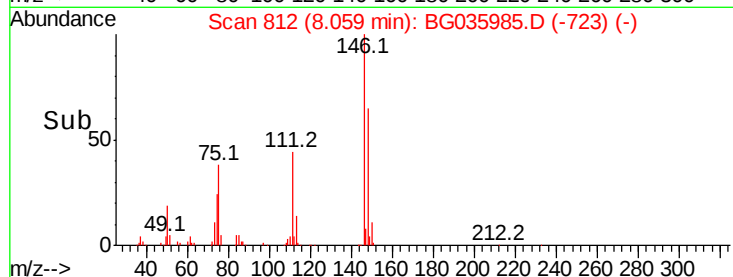
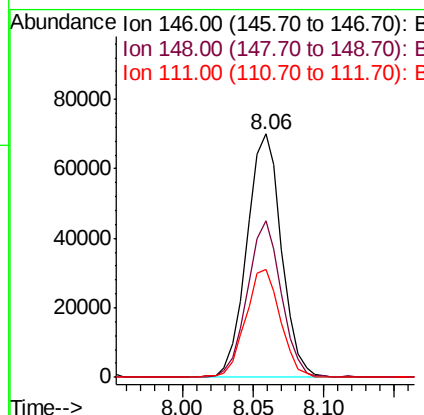
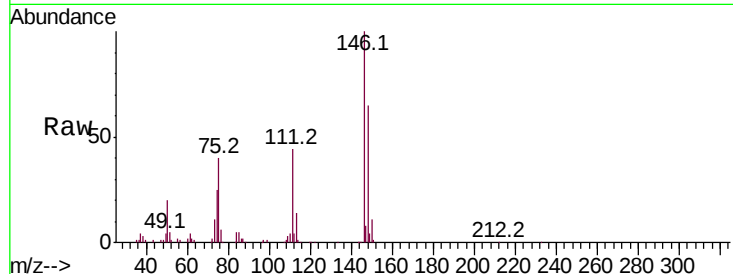
#13
 1,4-Dichlorobenzene
 Concen: 46.521 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB111594BSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	120384		
148	64.6	53.7	80.5	
111	44.1	35.2	52.8	

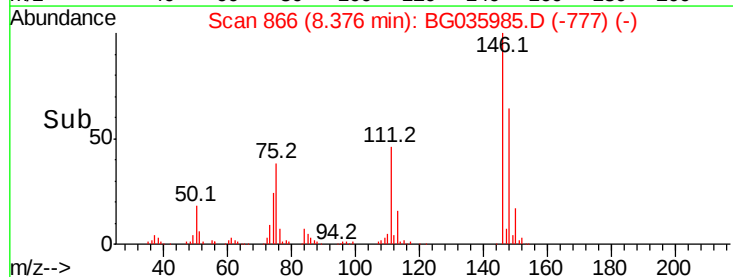
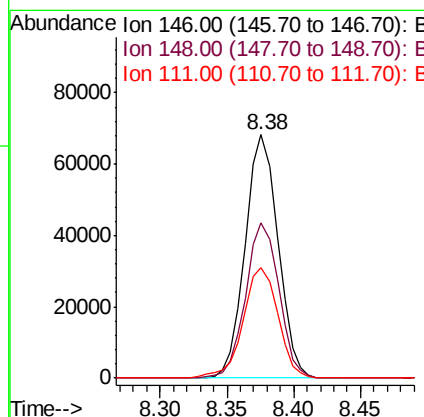
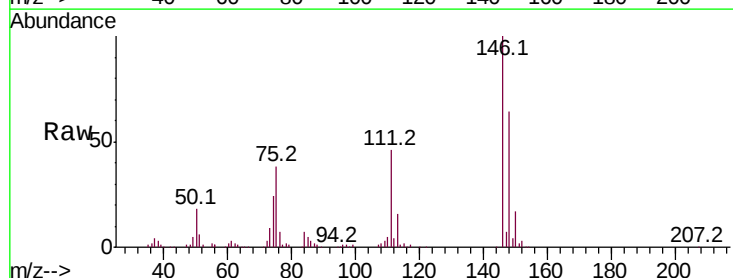
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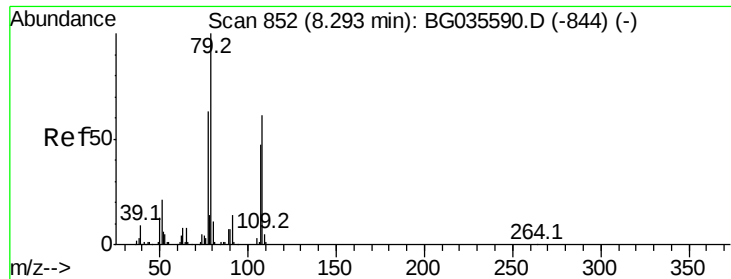
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 46.743 ng
 RT: 8.38 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	116201		
148	64.0	49.3	73.9	
111	45.5	34.3	51.5	





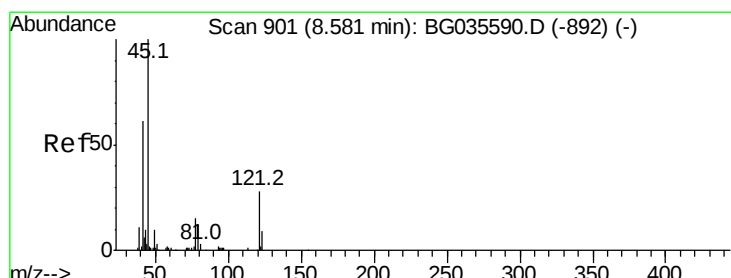
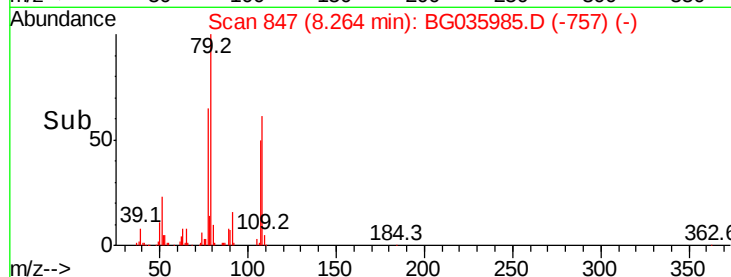
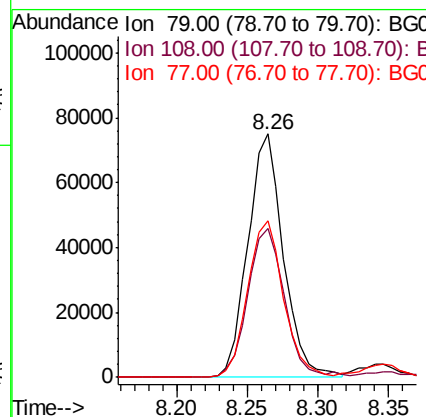
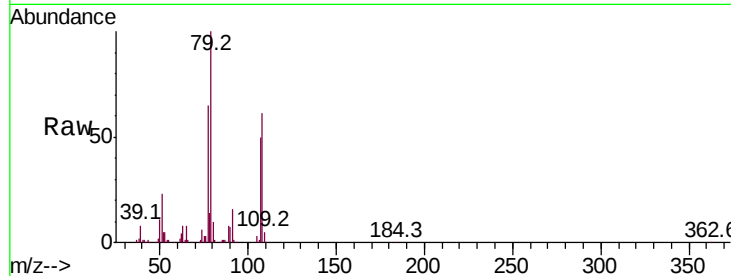
#15
Benzyl Alcohol
Concen: 47.070 ng
RT: 8.26 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Instrument :
BNA_G
ClientSampleID :
PB111594BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	61.4	57.2	85.8
77	64.6	46.1	69.1

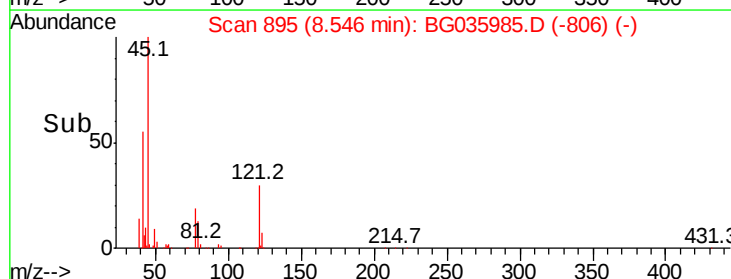
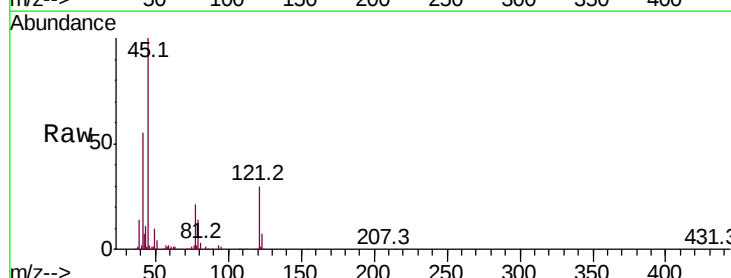
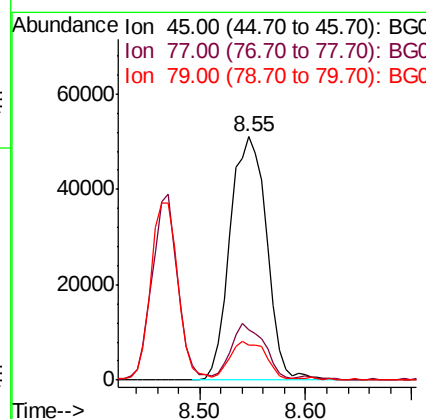
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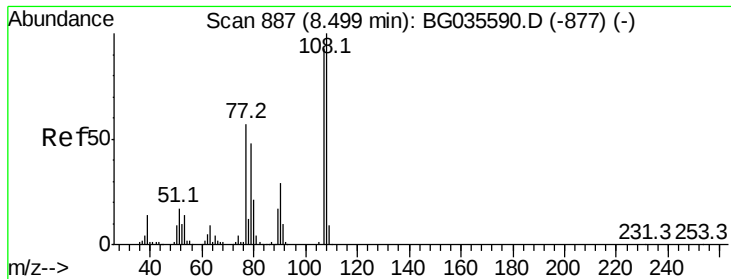
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#16
2,2'-oxybis(1-chloropropane)
Concen: 59.614 ng
RT: 8.55 min Scan# 895
Delta R.T. -0.01 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.6	0.0	30.2
79	14.1	0.0	27.9





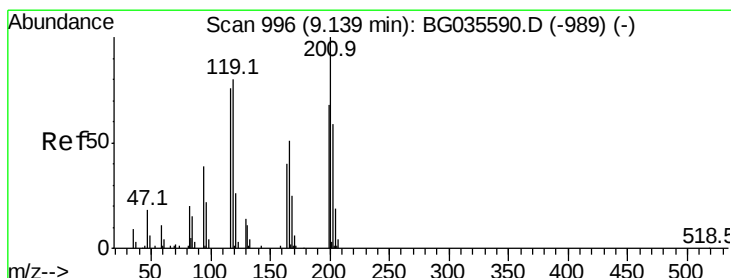
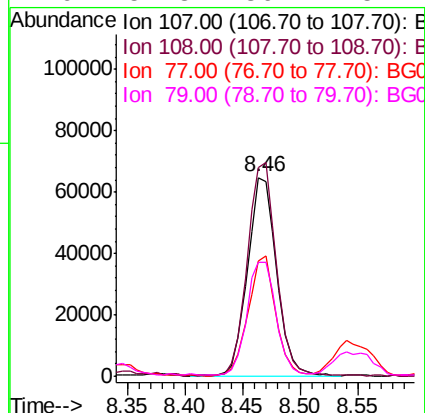
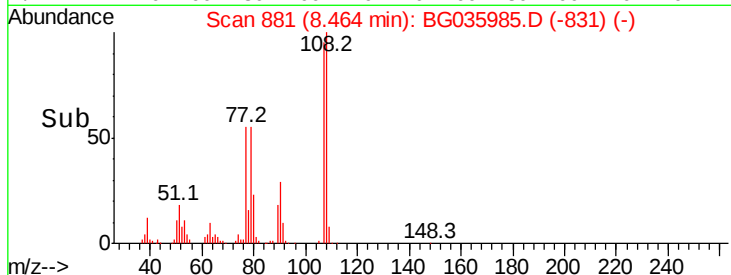
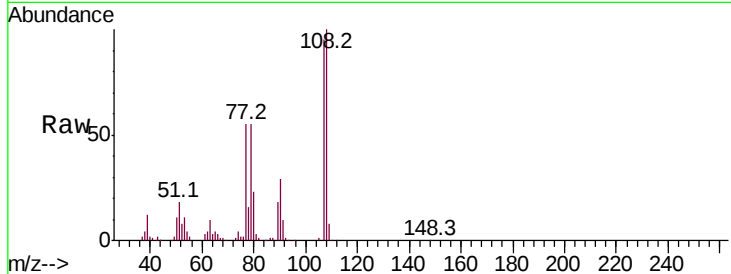
#17
2-Methylphenol
Concen: 53.463 ng
RT: 8.46 min Scan# 881
Delta R.T. -0.01 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Instrument :
BNA_G
ClientSampleId :
PB111594BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	104.7	83.9	125.9	
77	57.9	37.2	55.8#	
79	57.3	36.2	54.2#	

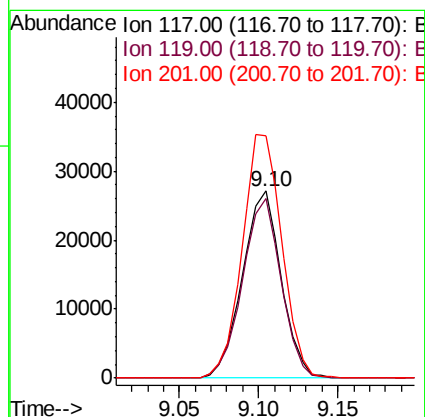
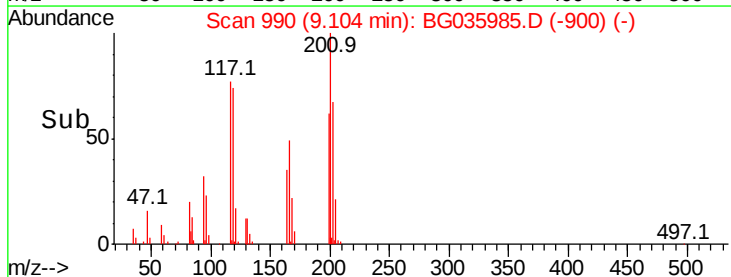
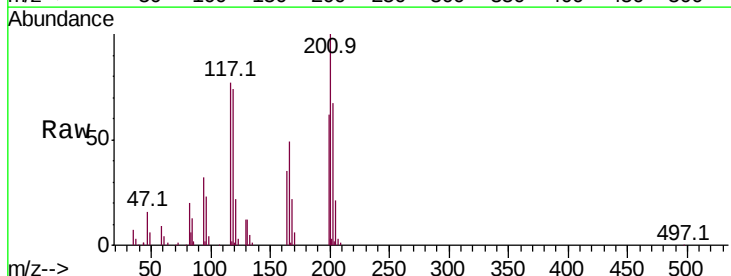
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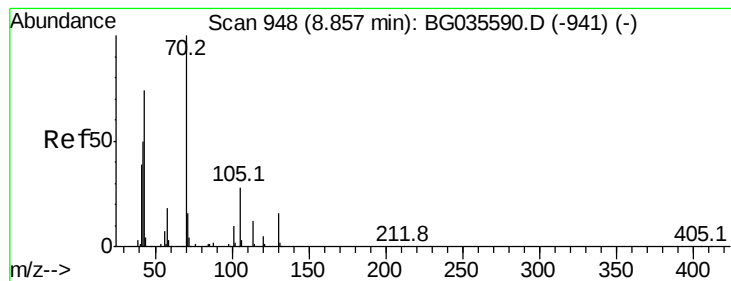
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#18
Hexachloroethane
Concen: 46.422 ng
RT: 9.10 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	76.7	115.1	
201	129.4	95.7	143.5	





#19

n-Nitroso-di-n-propylamine

Concen: 41.562 ng

RT: 8.82 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Instrument :

BNA_G

ClientSampleId :

PB111594BSD

Tot Ion: 70 Resp: 108282

Ion Ratio Lower Upper

70 100

42 45.0 49.1 73.7#

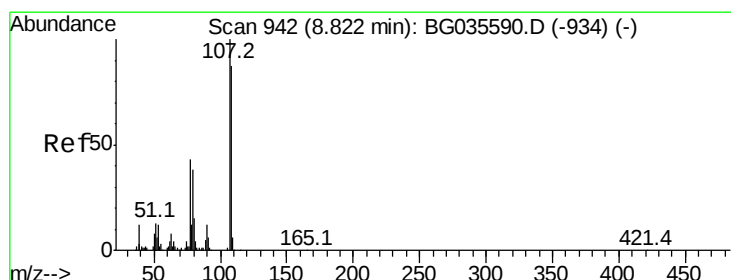
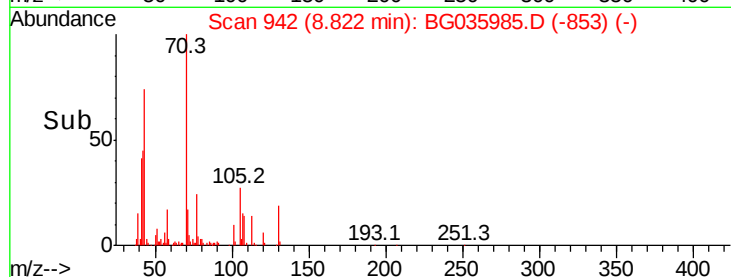
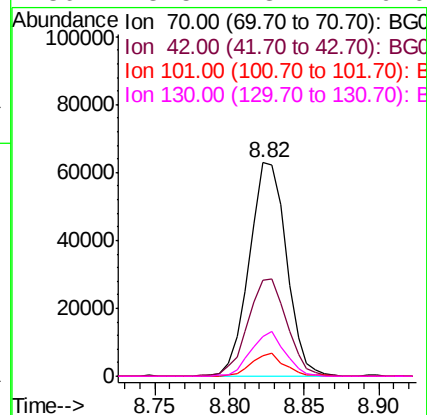
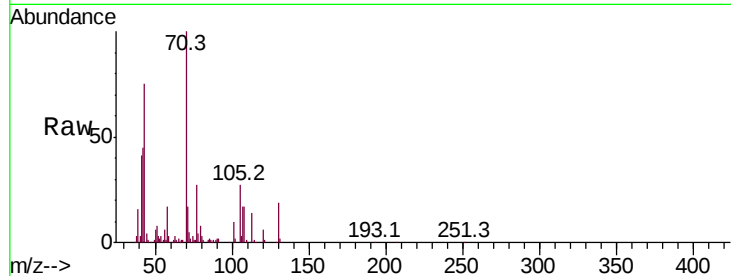
101 9.8 8.5 12.7

130 18.5 13.4 20.0

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#20

3+4-Methylphenols

Concen: 53.832 ng

RT: 8.79 min Scan# 937

Delta R.T. -0.01 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Tgt Ion: 107 Resp: 158711

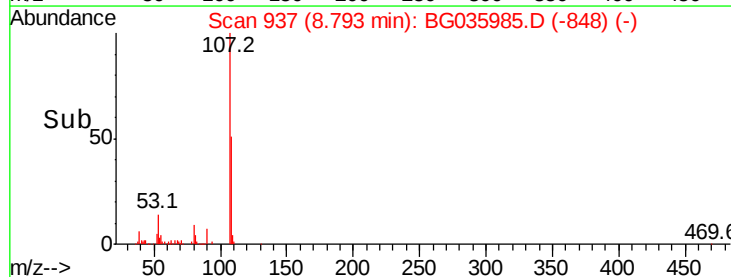
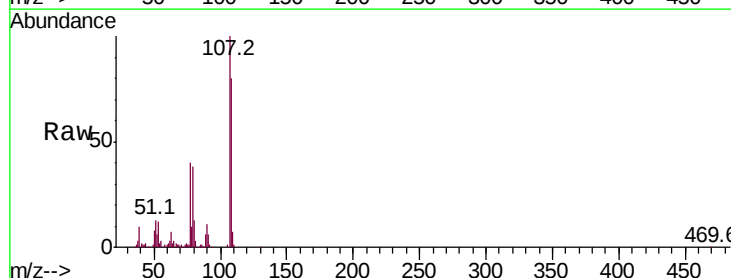
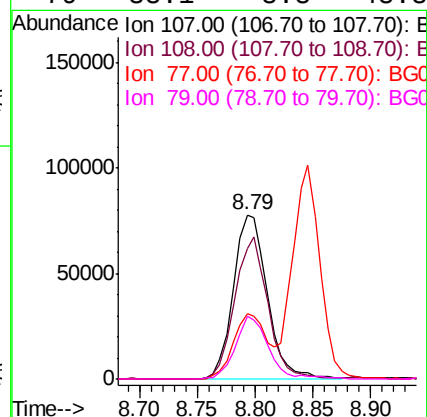
Ion Ratio Lower Upper

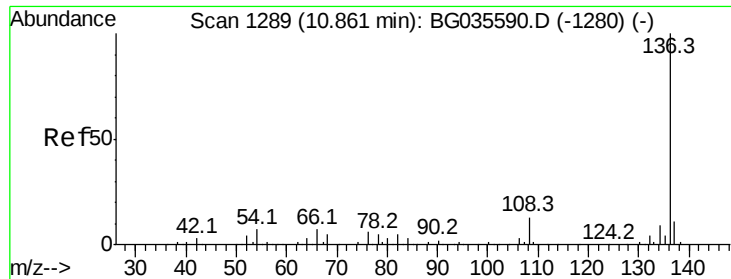
107 100

108 79.8 61.6 101.6

77 40.1 13.9 53.9

79 38.1 8.8 48.8





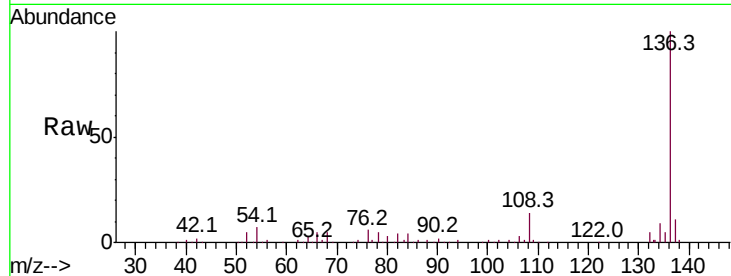
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Instrument :
BNA_G
ClientSampleId :
PB111594BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	9.2	13.8	
54	7.4	10.3	15.5	
68	4.7	4.5	6.7	

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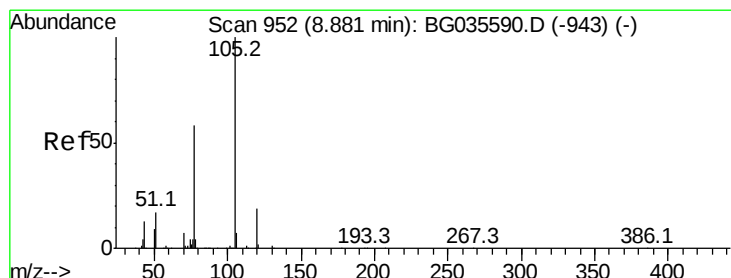
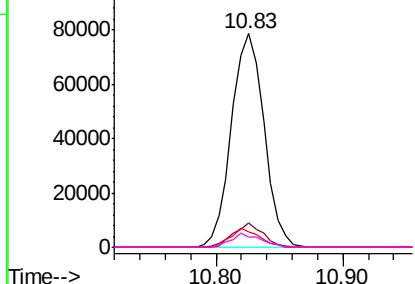
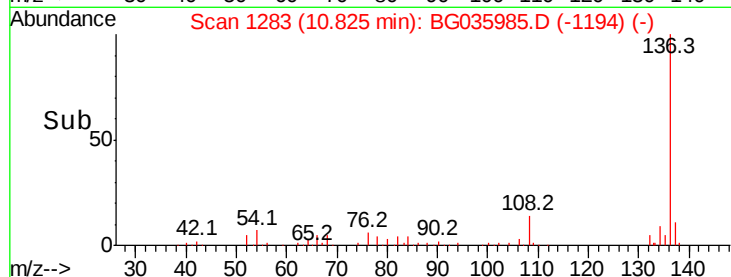
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

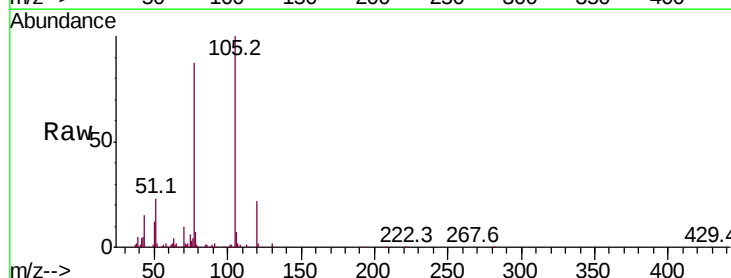
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 45.800 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.6	3.0	4.4	
51	23.4	26.1	39.1	
120	22.5	17.4	26.2	



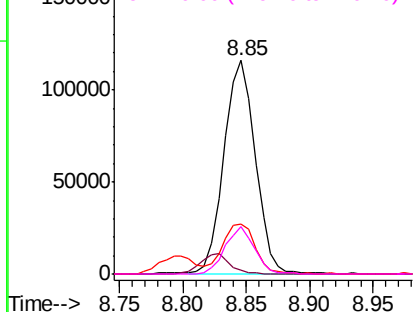
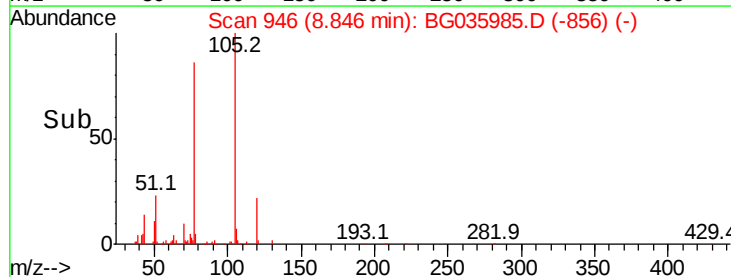
Abundance

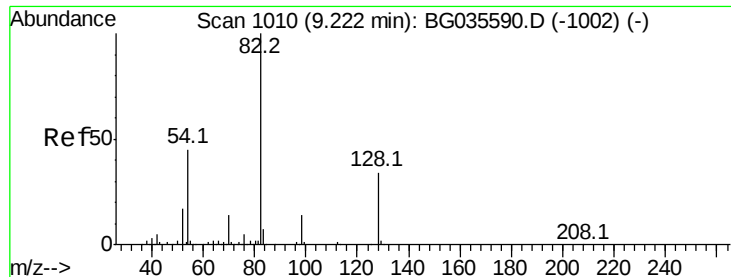
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





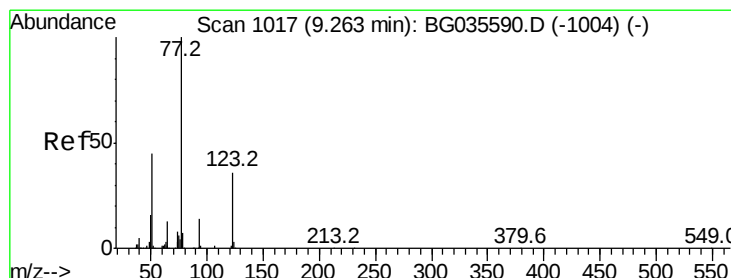
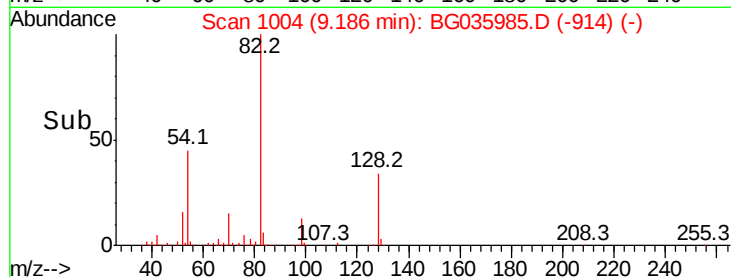
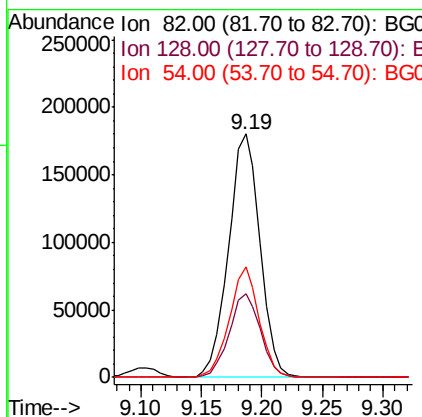
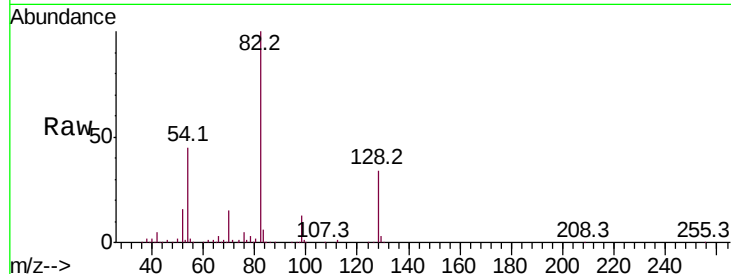
#23
 Nitrobenzene-d5
 Concen: 96.913 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB111594BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.3	29.7	44.5
54	45.4	43.1	64.7

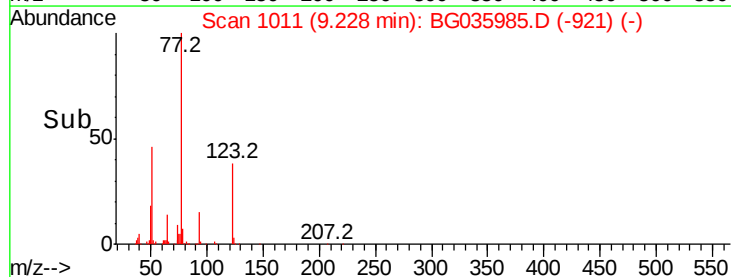
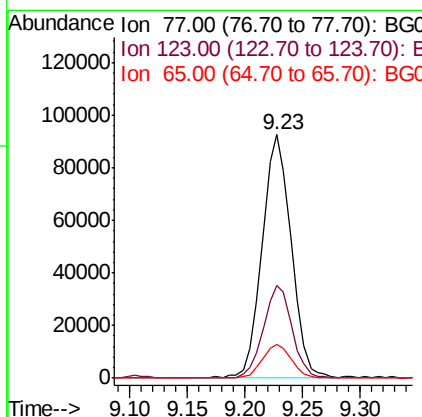
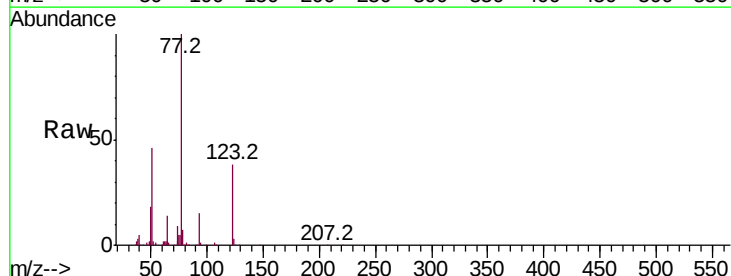
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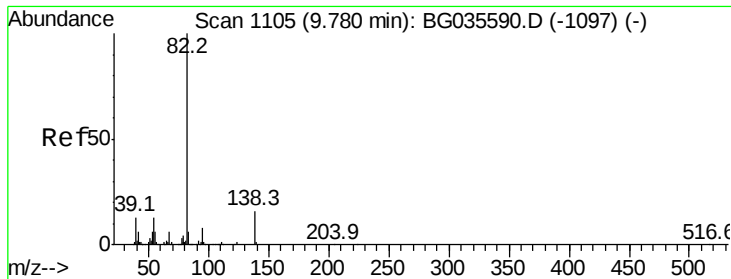
Sohil
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#24
 Nitrobenzene
 Concen: 48.291 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.0	33.0	49.6
65	14.0	13.0	19.6





#25

Isophorone

Concen: 51.853 ng

RT: 9.74 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Instrument :

BNA_G

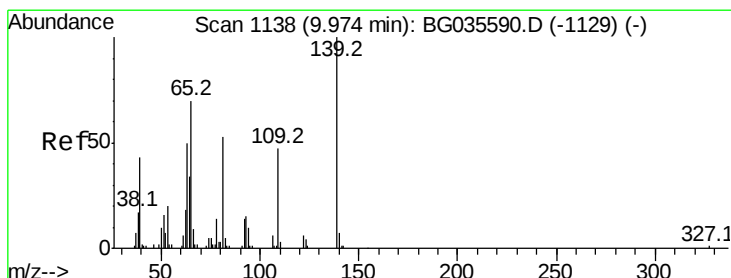
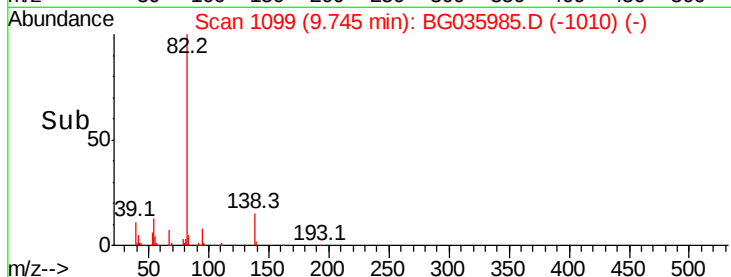
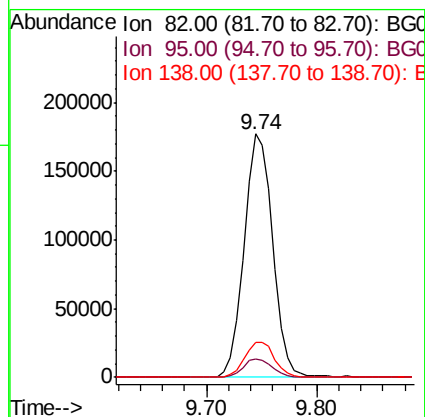
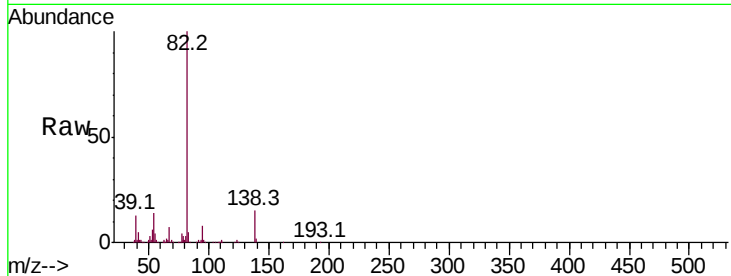
ClientSampleId :

PB111594BSD

Tot Ion	82	Resp	322671
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.2	9.2
138	14.5	12.1	18.1

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#26

2-Nitrophenol

Concen: 57.119 ng

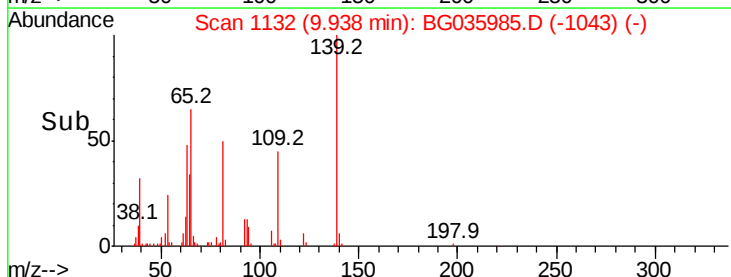
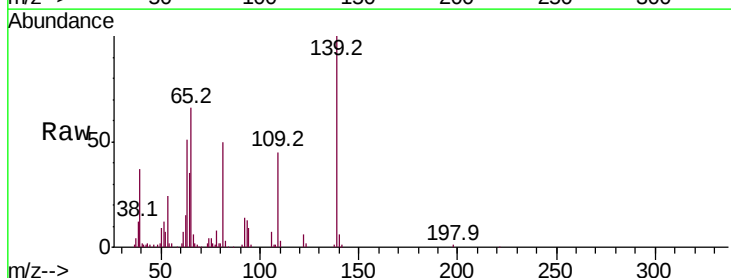
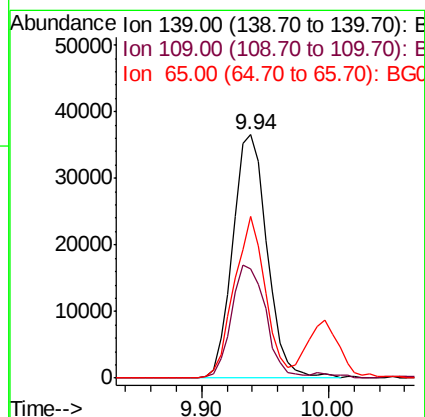
RT: 9.94 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Tgt Ion	139	Resp	68389
Ion Ratio	Lower	Upper	
139	100		
109	45.1	24.2	36.2#
65	66.4	47.4	71.0





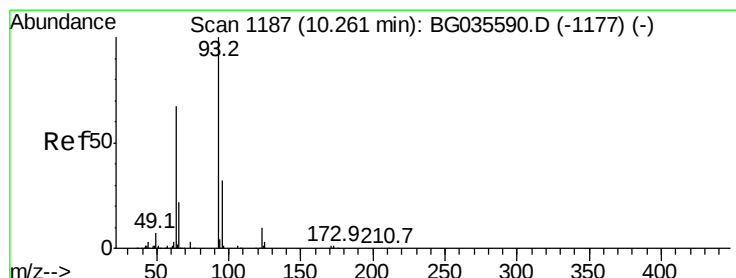
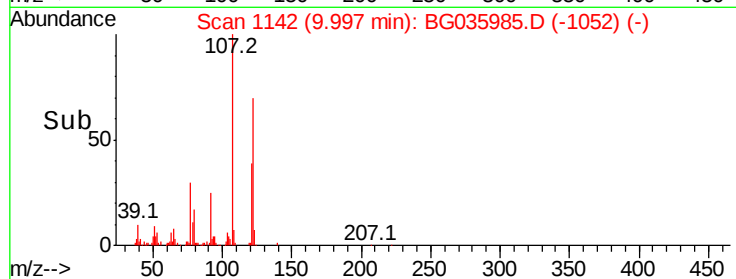
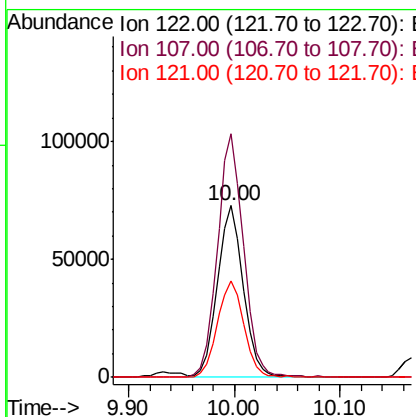
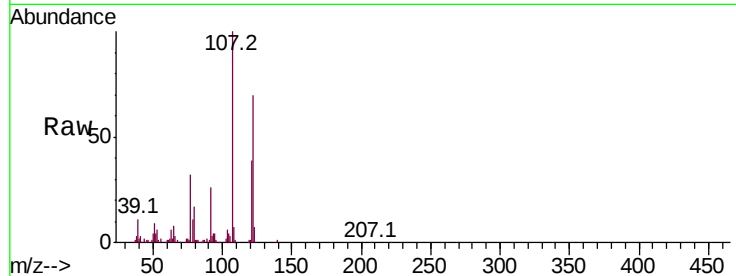
#27
2,4-Dimethylphenol
Concen: 61.406 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Instrument :
BNA_G
ClientSampleId :
PB111594BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	142.0	100.2	150.2
121	56.0	44.4	66.6

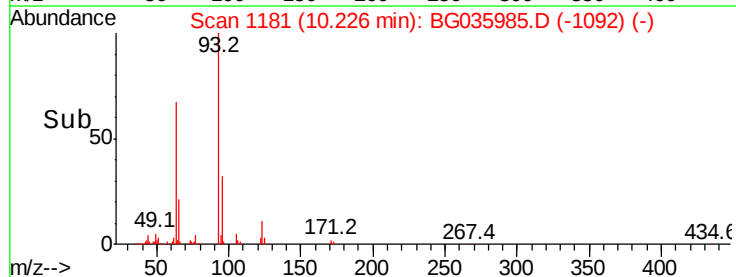
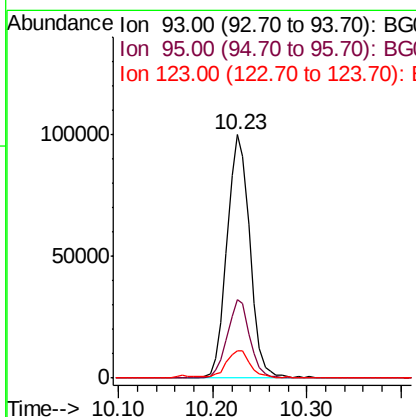
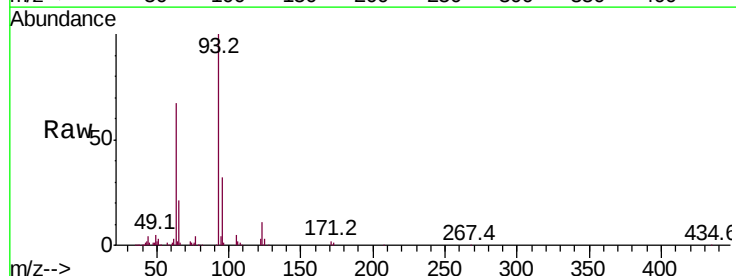
Manual Integrations
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7/31/2018 2:39:55 PM



#28
bis(2-Chloroethoxy)methane
Concen: 49.349 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	24.3	36.5
123	11.0	8.4	12.6





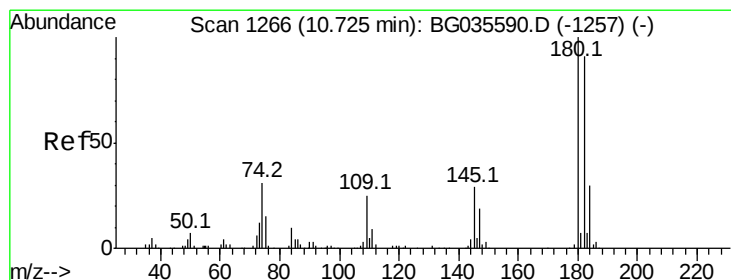
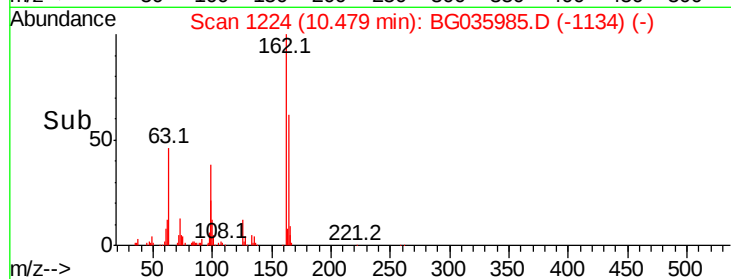
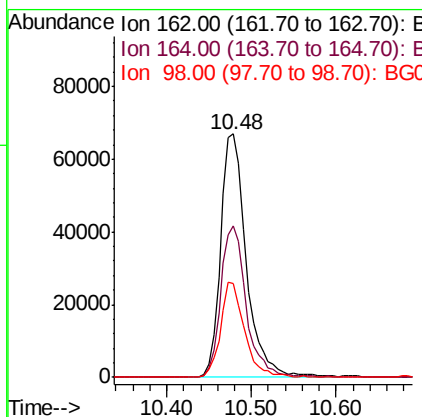
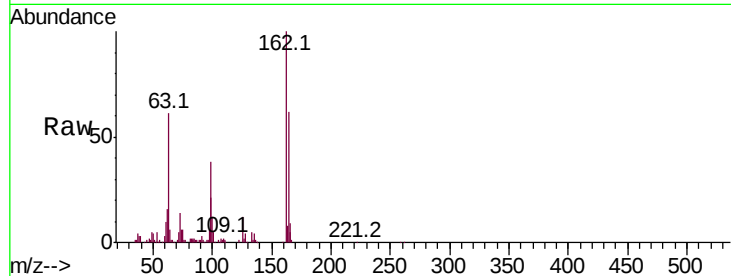
#29
2,4-Dichlorophenol
Concen: 60.983 ng
RT: 10.48 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Instrument :
BNA_G
ClientSampleId :
PB111594BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.4	48.0	88.0
98	38.3	21.1	61.1

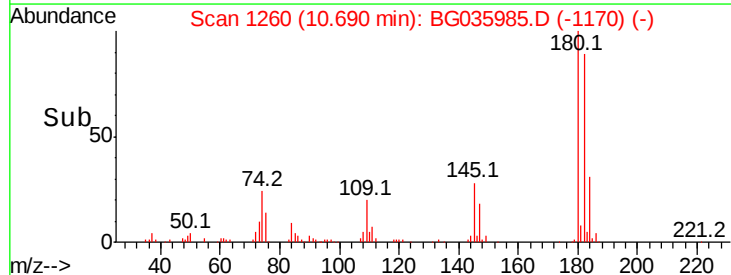
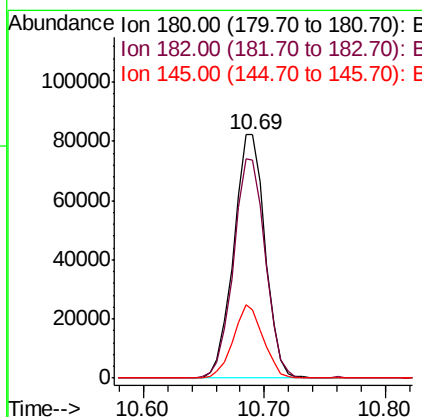
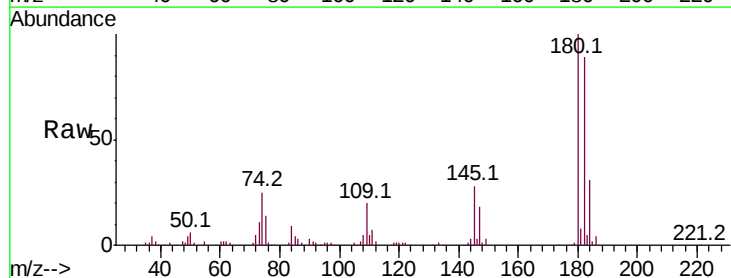
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#30
1,2,4-Trichlorobenzene
Concen: 52.390 ng
RT: 10.69 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	89.4	77.5	116.3
145	28.0	23.4	35.2





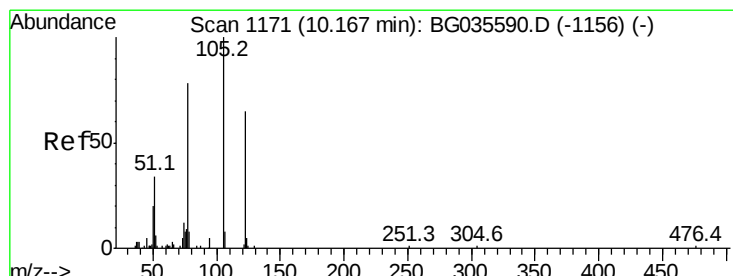
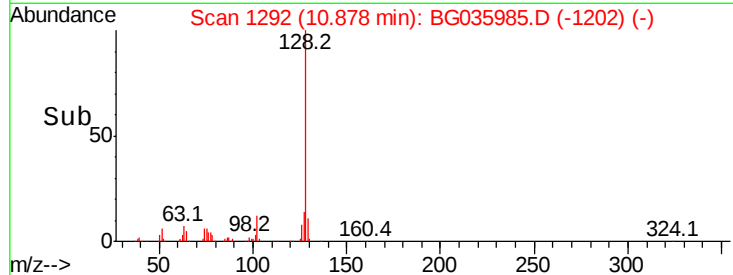
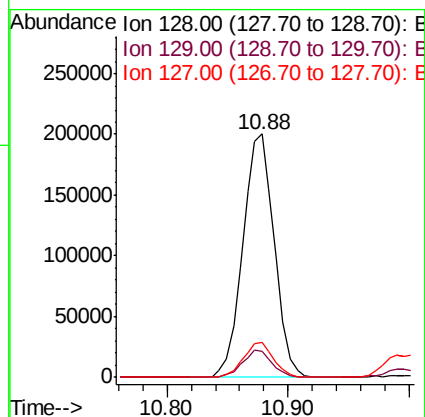
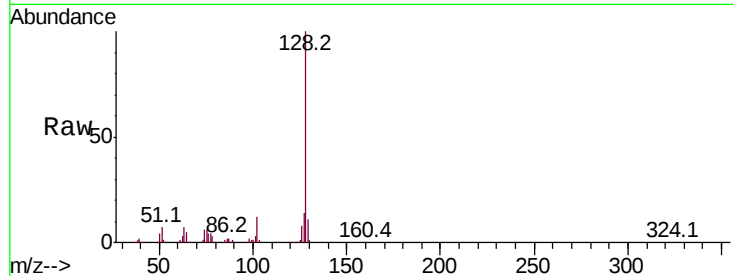
#31
Naphthalene
Concen: 49.463 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Instrument :
BNA_G
ClientSampleId :
PB111594BSD

Tot Ion:	128	Resp:	360817
Ion Ratio	Lower	Upper	
128	100		
129	10.5	8.6	12.8
127	14.1	11.6	17.4

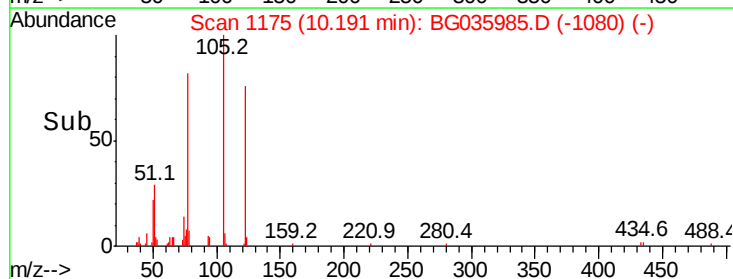
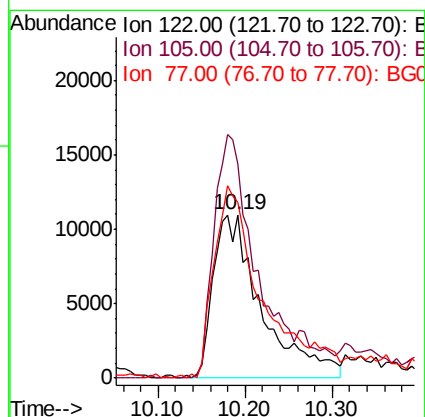
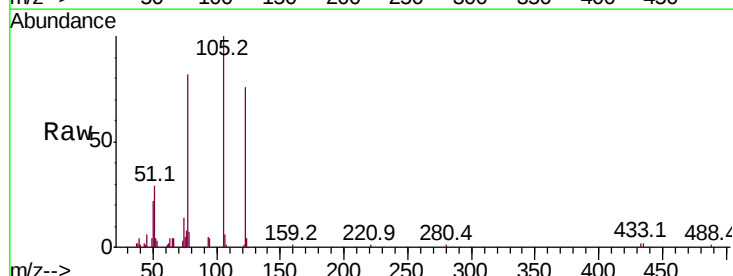
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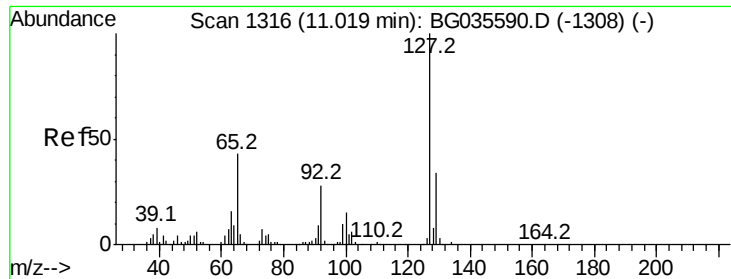
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#32
Benzoic acid
Concen: 30.915 ng m
RT: 10.19 min Scan# 1175
Delta R.T. 0.03 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Tgt Ion:	122	Resp:	42179
Ion Ratio	Lower	Upper	
122	100		
105	131.2	123.5	163.5
77	107.5	85.7	125.7





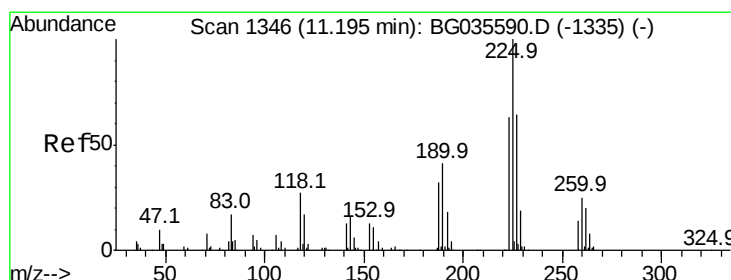
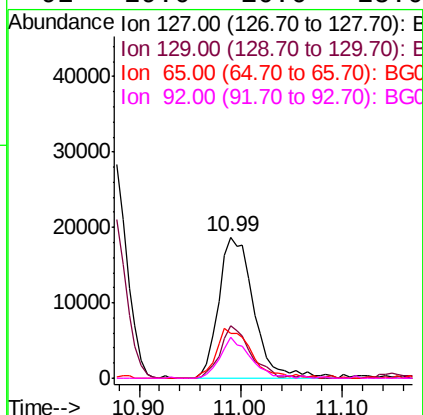
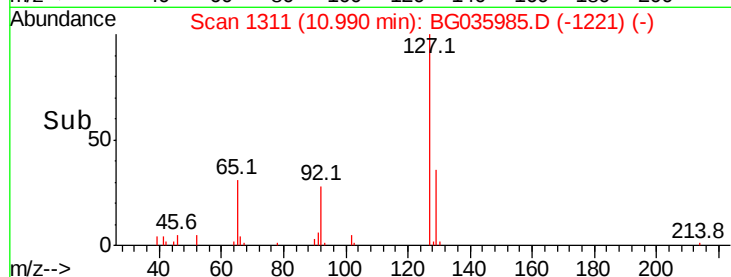
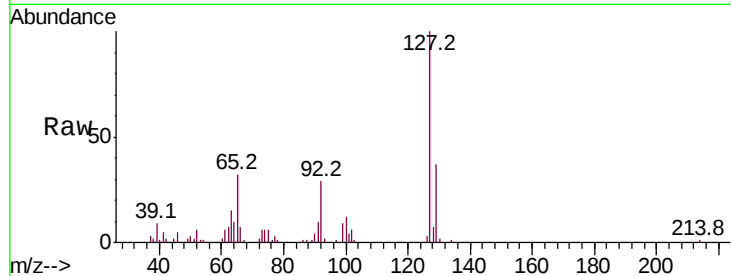
#33
4-Chloroaniline
Concen: 14.122 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Instrument :
BNA_G
ClientSampleId :
PB111594BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	36.9	24.0	36.0#
65	32.0	27.0	40.4
92	29.0	16.6	25.0#

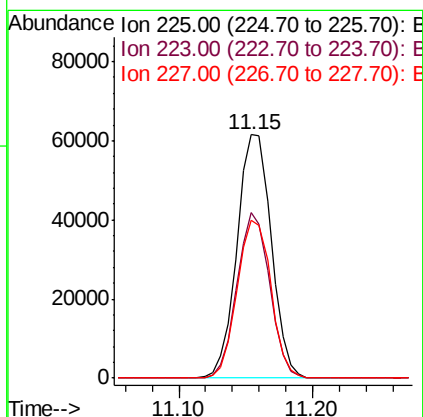
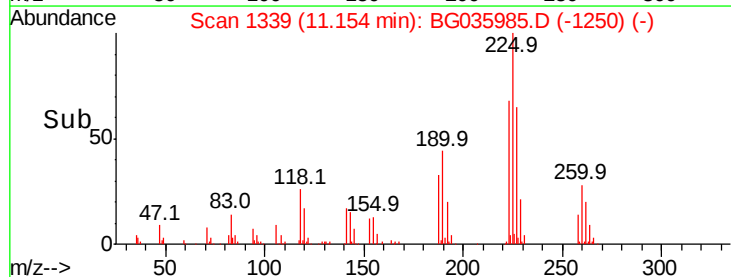
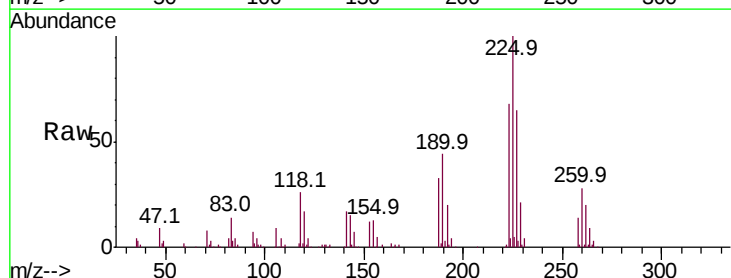
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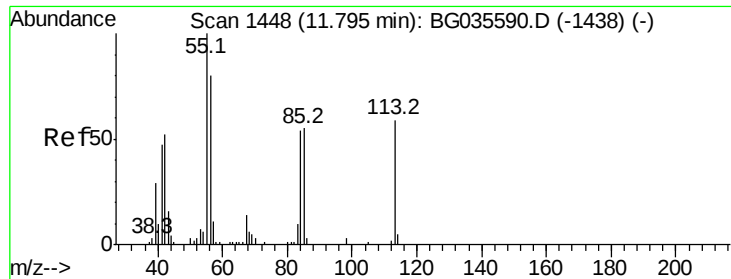
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#34
Hexachlorobutadiene
Concen: 49.416 ng
RT: 11.15 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.1	49.7	74.5
227	64.8	48.1	72.1





#35

Caprolactam

Concen: 50.997 ng/ml

RT: 11.77 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Instrument :

BNA_G

ClientSampleId :

PB111594BSD

Tot Ion:113 Resp: 50630

Ion Ratio Lower Upper

113 100

55 177.1 186.9 226.9#

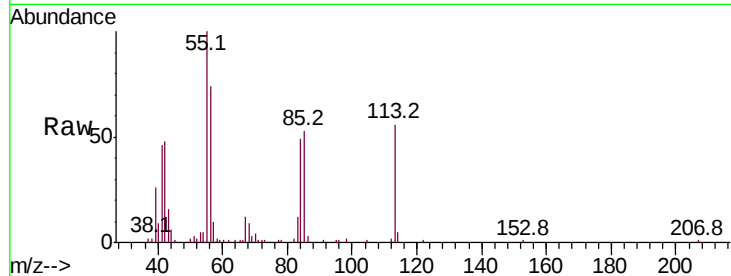
56 130.5 130.9 170.9#

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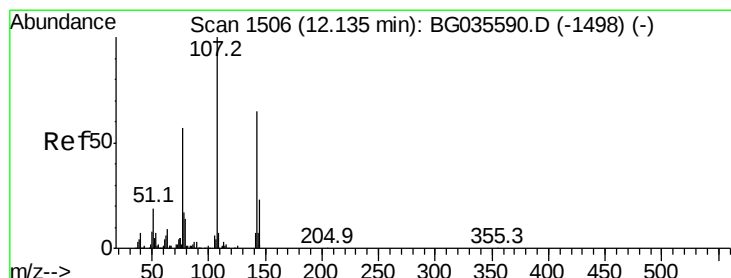
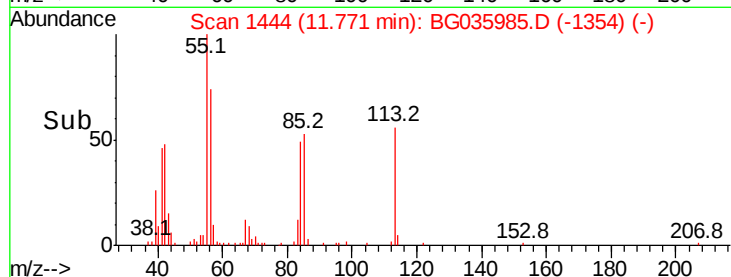
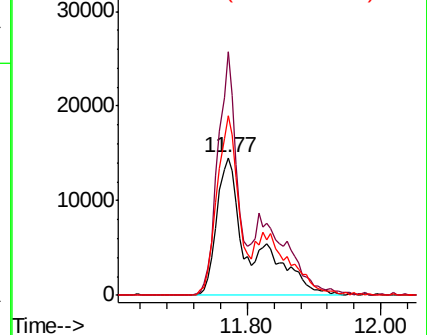
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 57.407 ng/ml

RT: 12.11 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

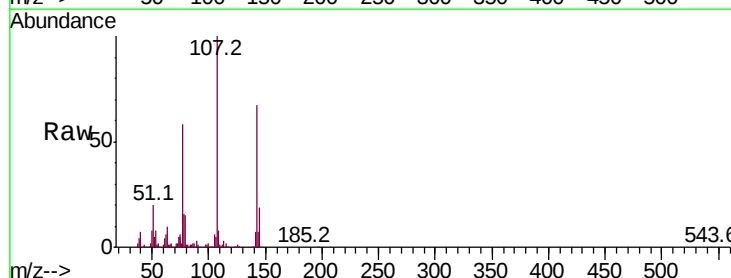
Tgt Ion:107 Resp: 178023

Ion Ratio Lower Upper

107 100

144 19.3 18.2 27.4

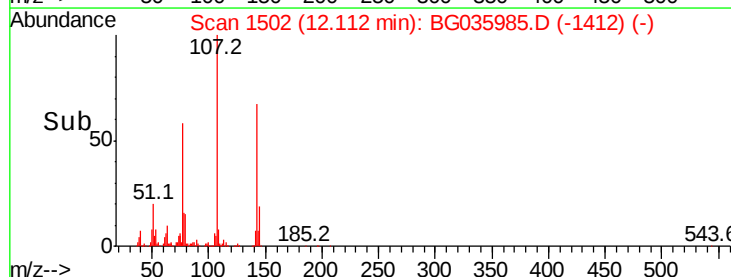
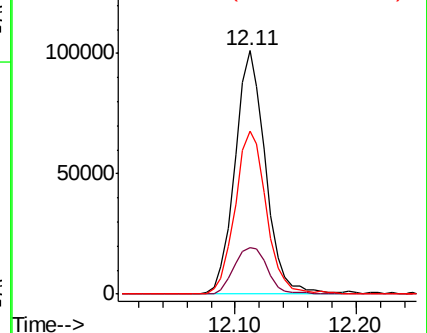
142 67.0 59.0 88.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





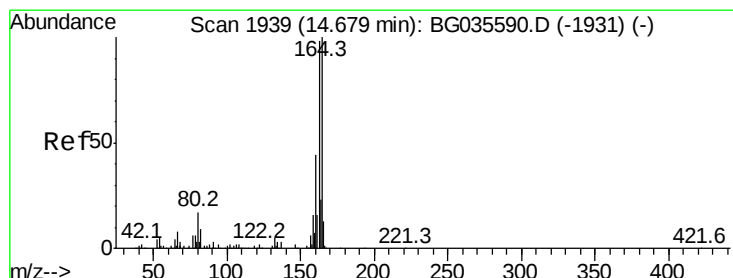
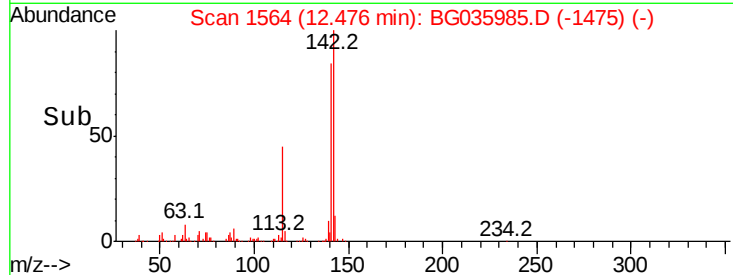
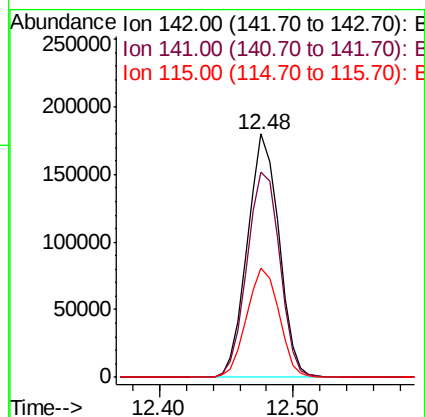
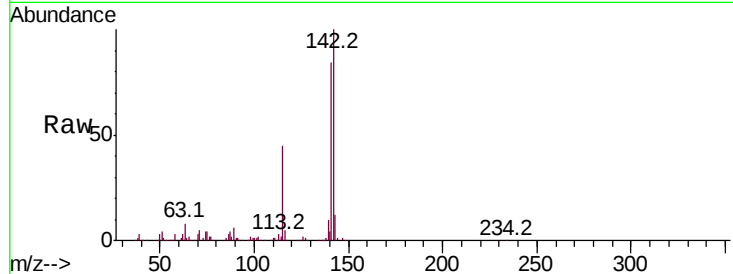
#37
2-Methylnaphthalene
Concen: 54.071 ng
RT: 12.48 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Instrument :
BNA_G
ClientSampleId :
PB111594BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	84.5	67.1	100.7
115	44.8	30.7	46.1

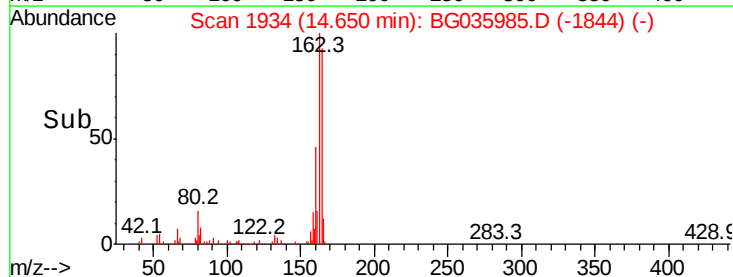
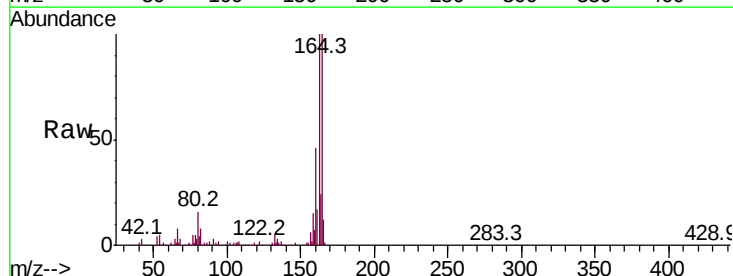
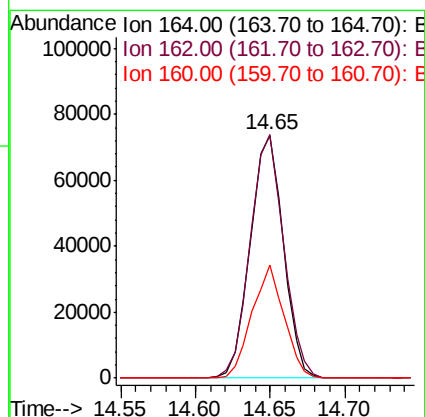
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	100.3	78.8	118.2
160	46.5	35.4	53.0





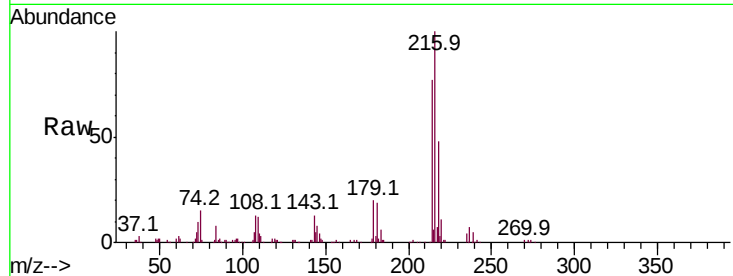
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.057 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB111594BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.0	94.4	
179	20.1	17.0	25.6	
108	16.2	12.8	19.2	

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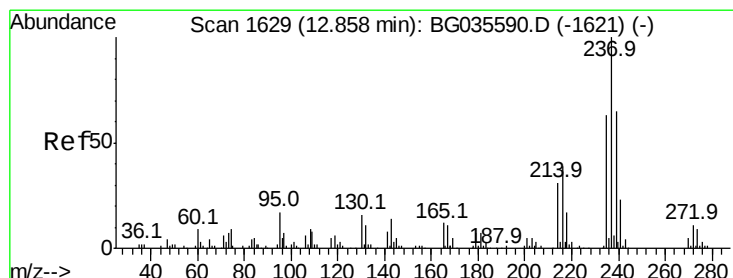
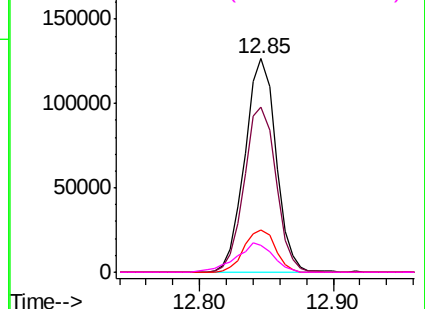
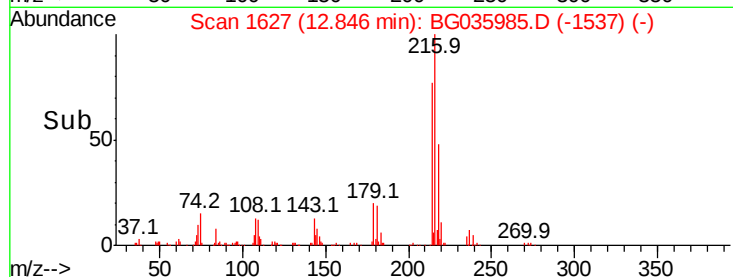
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

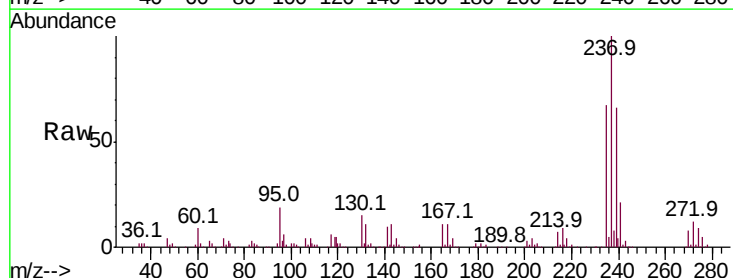
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 110.385 ng
 RT: 12.82 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	67.3	50.4	90.4	
272	12.1	0.0	31.8	

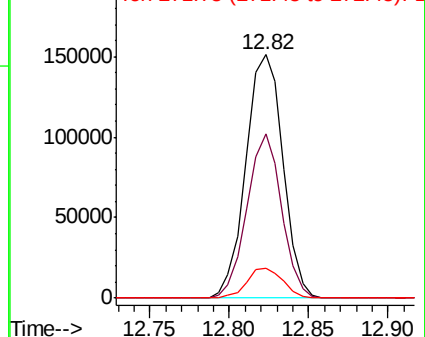
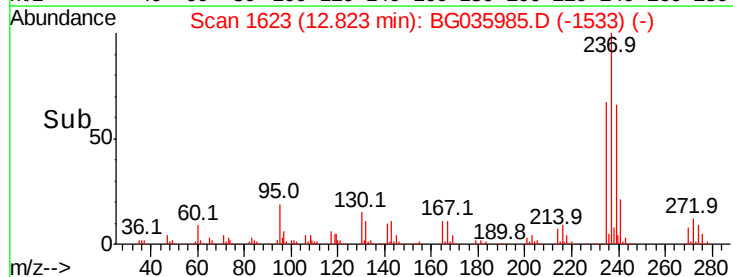


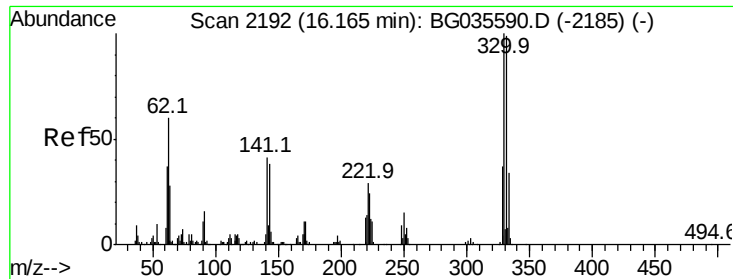
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





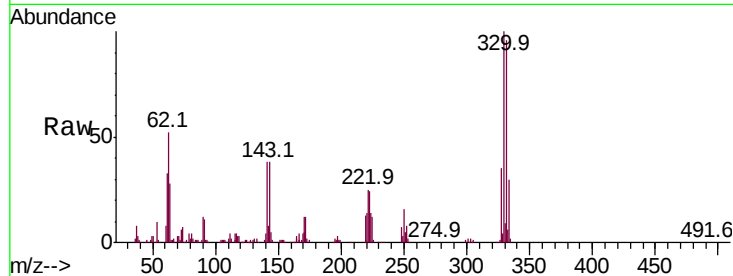
#41
 2,4,6-Tribromophenol
 Concen: 113.235 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB111594BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	167644		
332	96.1	77.0	115.6	
141	36.4	25.2	37.8	

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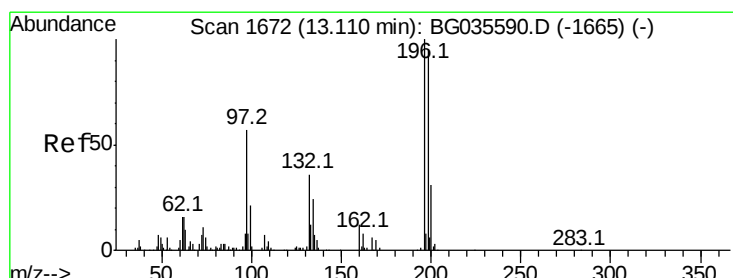
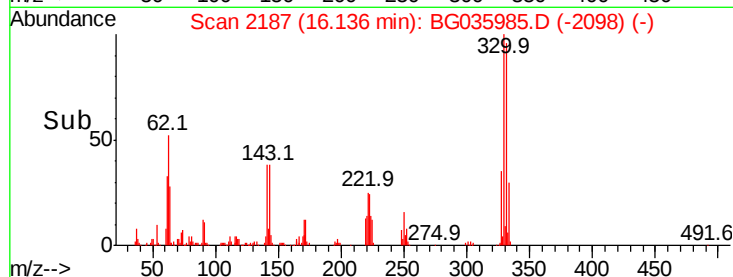
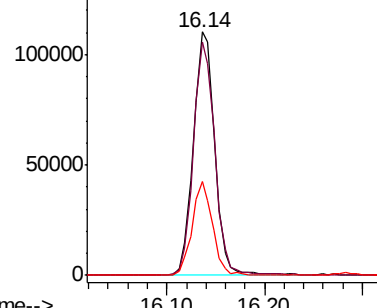


Abundance

Ion 329.80 (329.50 to 330.50): E

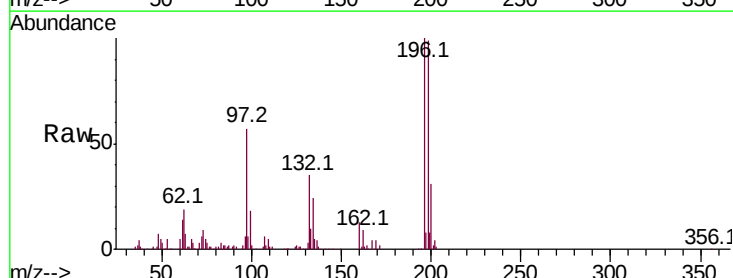
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 53.030 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	131475		
198	98.7	78.2	117.2	
200	31.1	24.6	36.8	

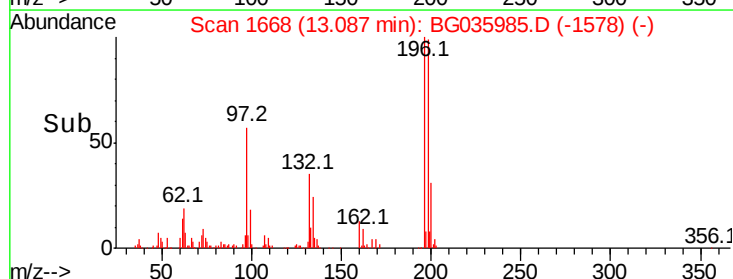
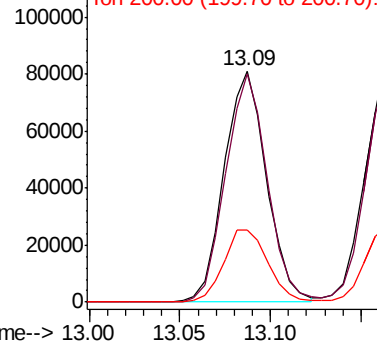


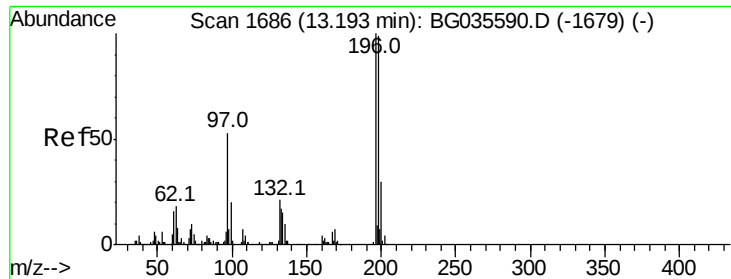
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





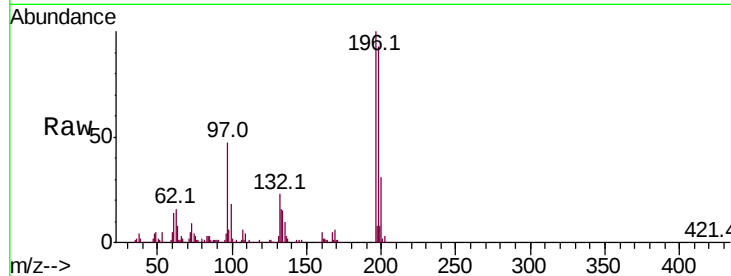
#43
 2,4,5-Trichlorophenol
 Concen: 52.919 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB111594BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	146775		
198	93.0	76.2	114.4	
97	46.5	38.7	58.1	
132	22.5	20.2	30.2	

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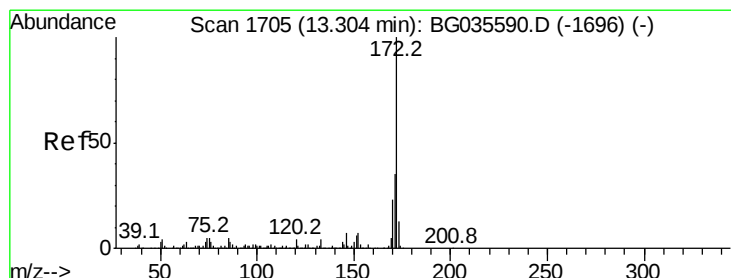
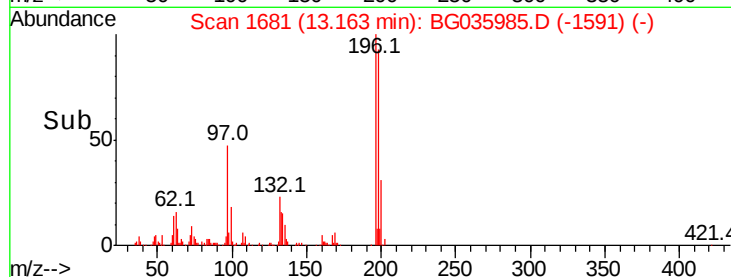
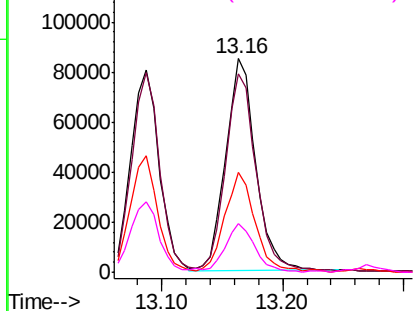
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.421 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

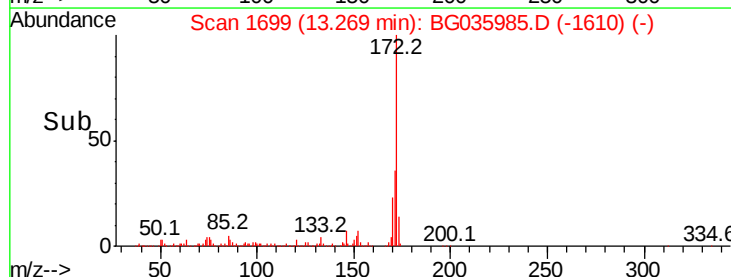
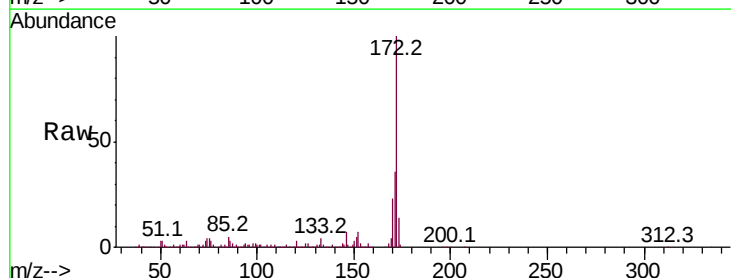
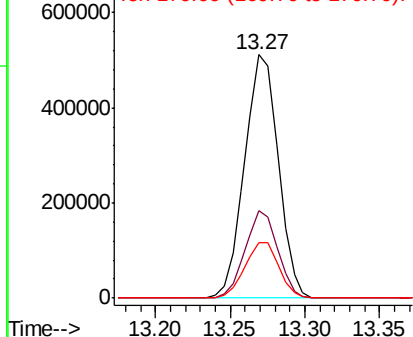
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	800012		
171	35.8	30.0	45.0	
170	22.7	19.5	29.3	

Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





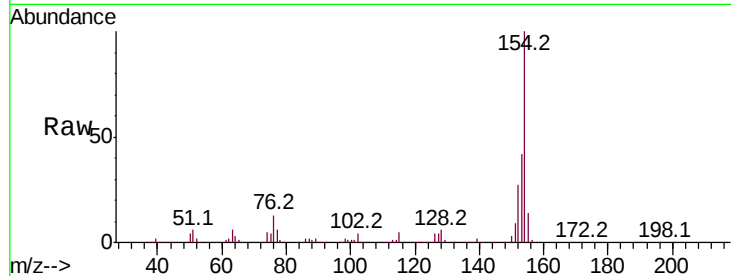
#45
 1,1'-Biphenyl
 Concen: 47.854 ng
 RT: 13.48 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB111594BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.3	19.8	59.8
76	12.8	0.0	31.9

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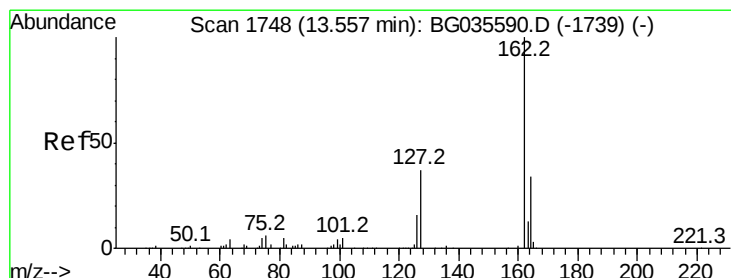
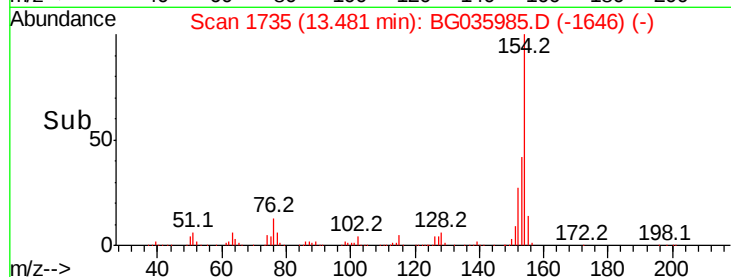
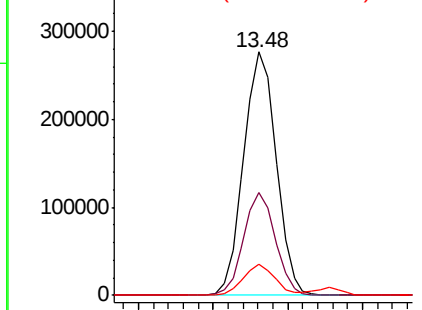


Abundance

Ion 154.00 (153.70 to 154.70): E

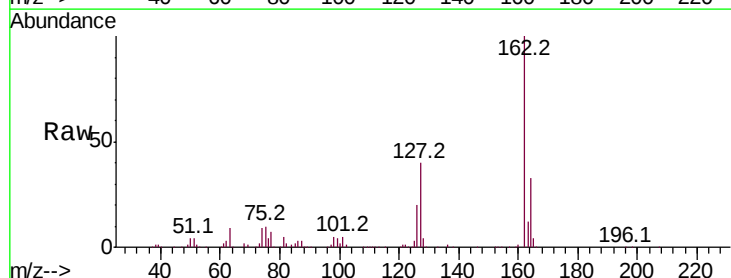
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46
 2-Chloronaphthalene
 Concen: 48.889 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	30.7	46.1
164	32.6	26.0	39.0

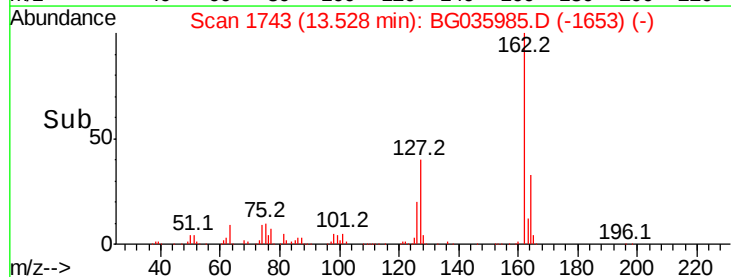
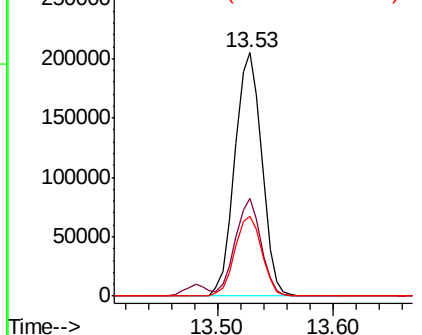


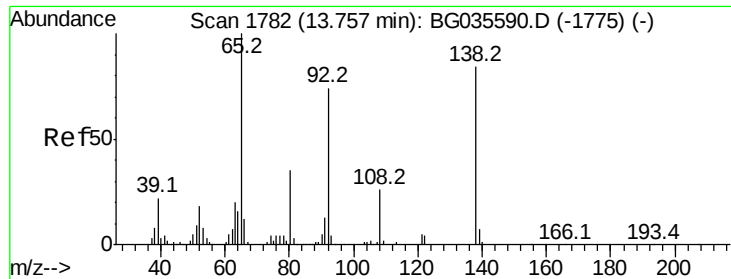
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





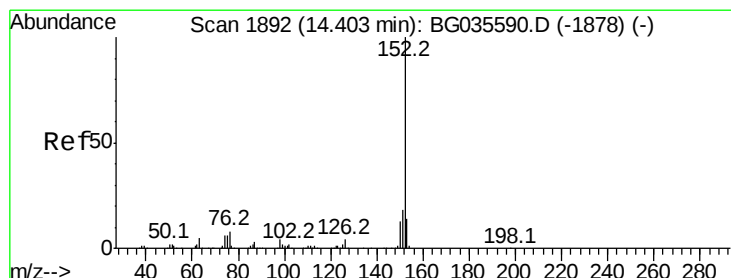
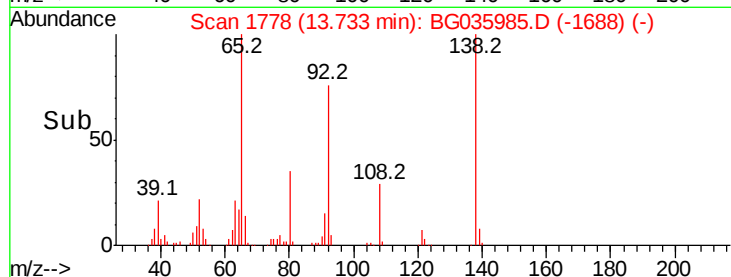
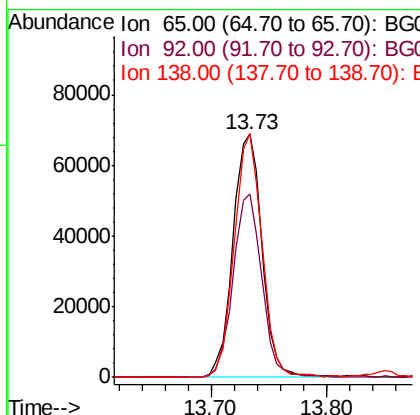
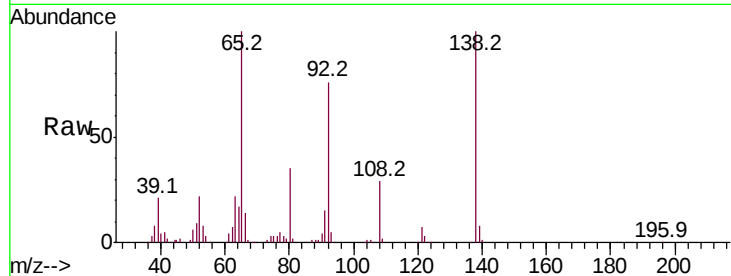
#47
2-Nitroaniline
Concen: 49.887 ng
RT: 13.73 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Instrument :
BNA_G
ClientSampleId :
PB111594BSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	119467		
92	75.6	54.6	82.0	
138	100.0	72.9	109.3	

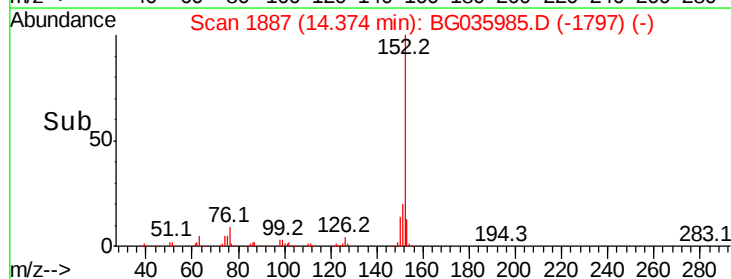
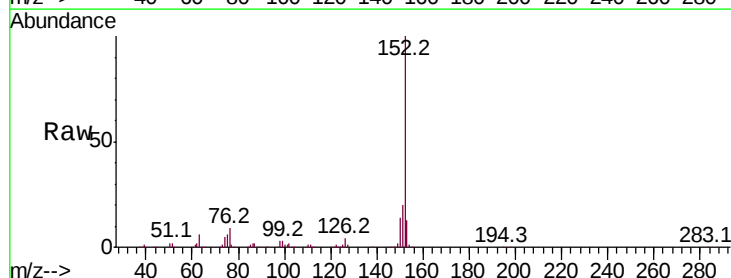
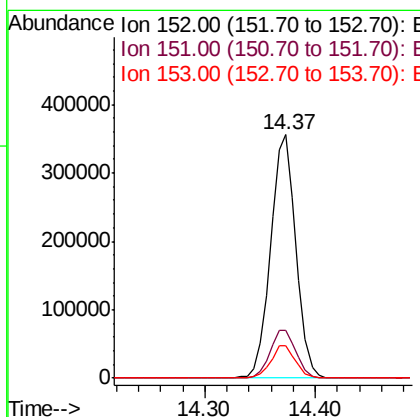
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#48
Acenaphthylene
Concen: 49.863 ng
RT: 14.37 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	565785		
151	19.6	17.2	25.8	
153	13.1	10.2	15.4	





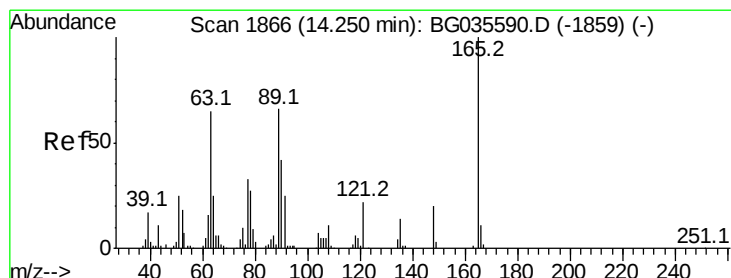
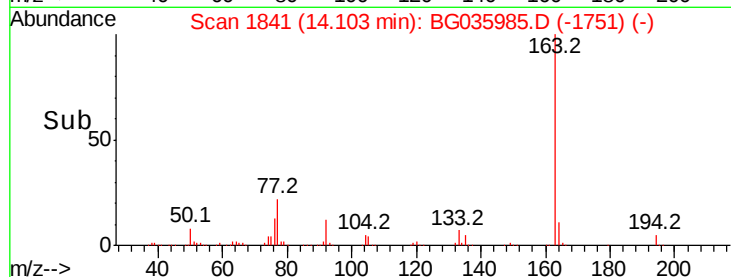
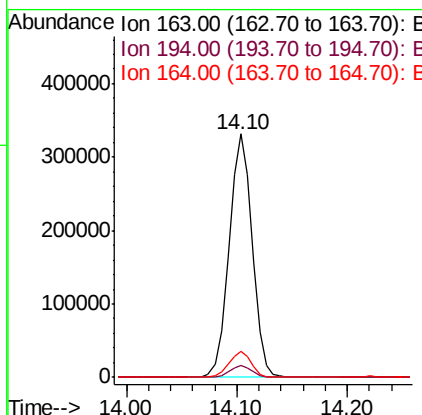
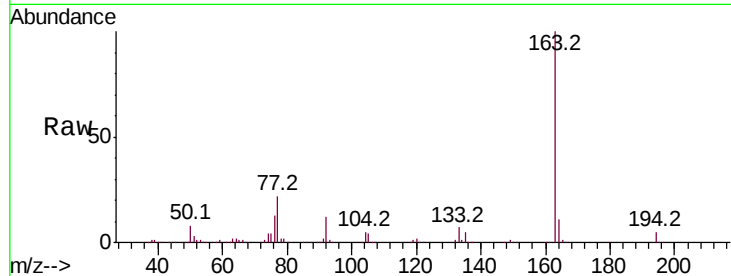
#49
Dimethylphthalate
Concen: 49.308 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Instrument :
BNA_G
ClientSampleId :
PB111594BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	485249		
194	5.1		3.4	5.2
164	10.9		8.2	12.4

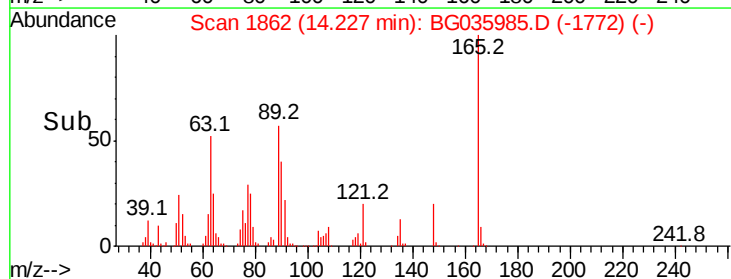
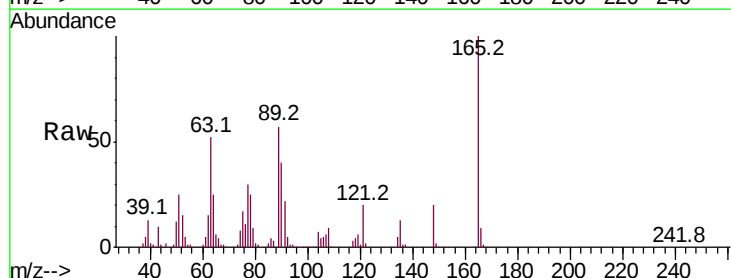
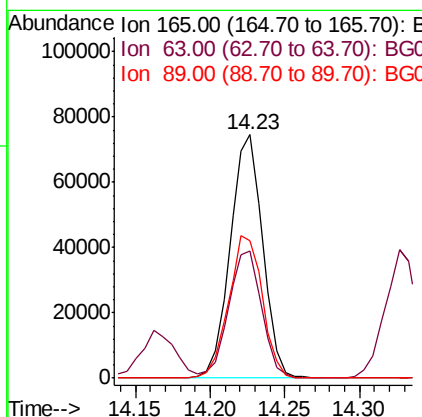
Manual Integrations
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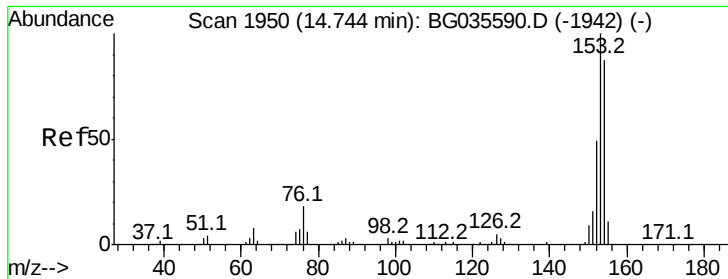
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#50
2,6-Dinitrotoluene
Concen: 56.339 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	112906		
63	52.3		52.7	79.1#
89	56.5		49.2	73.8





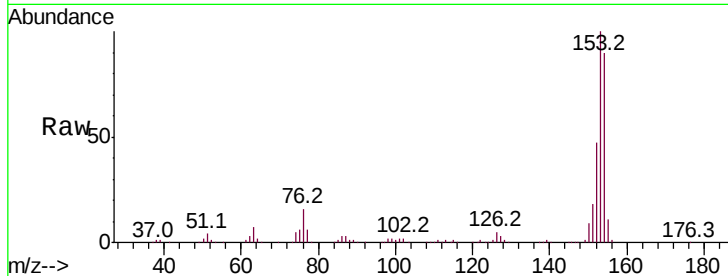
#51
Acenaphthene
Concen: 46.644 ng
RT: 14.71 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Instrument :
BNA_G
ClientSampleId :
PB111594BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.1	90.4	135.6
152	52.8	41.6	62.4

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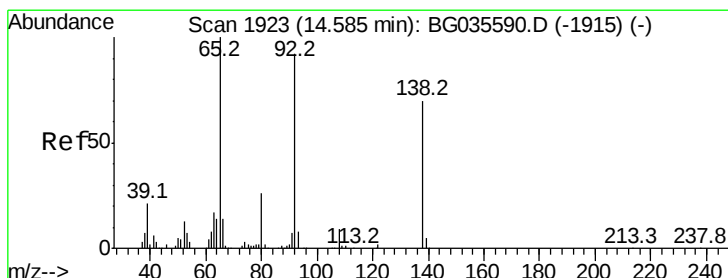
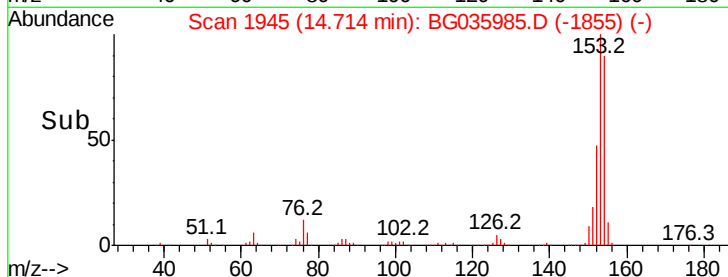
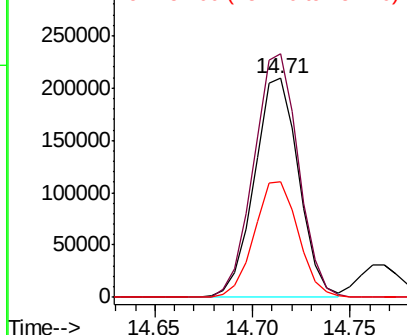


Abundance

Ion 154.00 (153.70 to 154.70): E

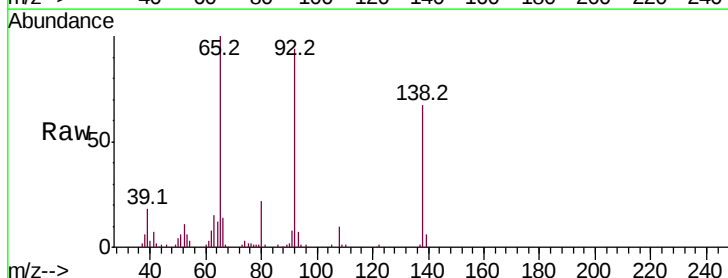
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52
3-Nitroaniline
Concen: 24.733 ng
RT: 14.56 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Lower	Upper
138	100		
108	14.8	17.5	26.3#
92	140.3	105.8	158.8

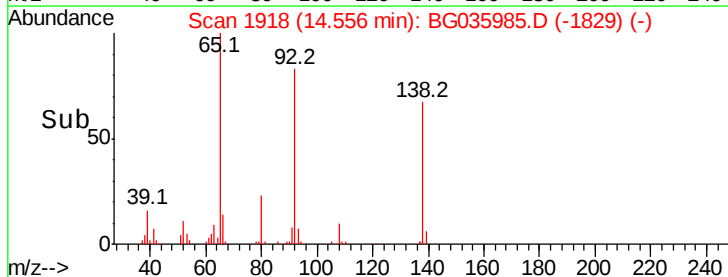
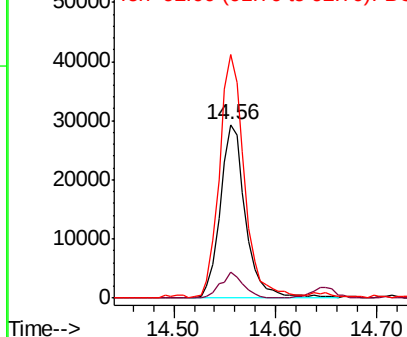


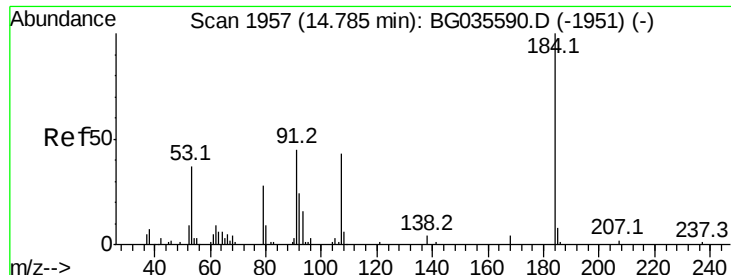
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





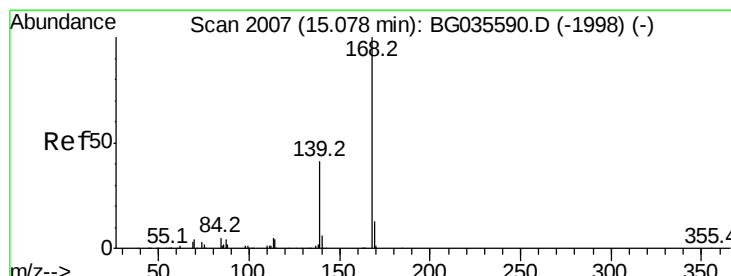
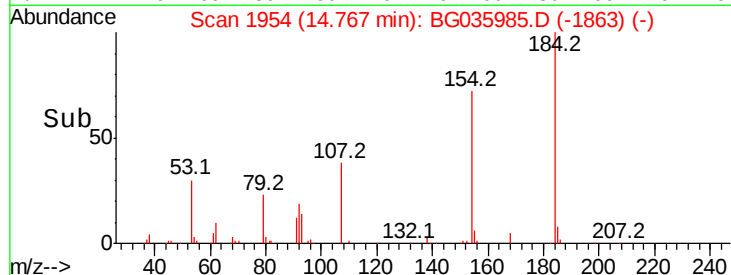
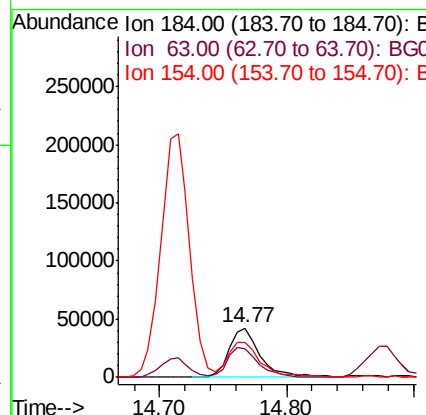
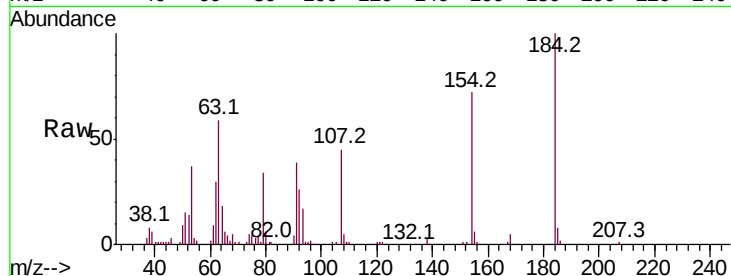
#53
 2,4-Dinitrophenol
 Concen: 70.914 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB111594BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	58.7	59.8	89.8#
154	72.1	101.8	152.8#

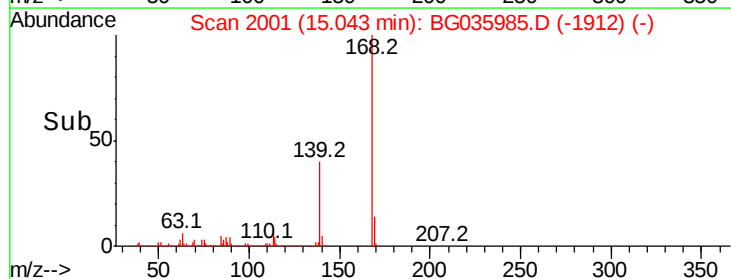
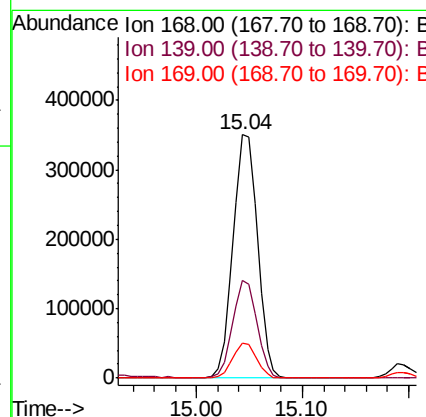
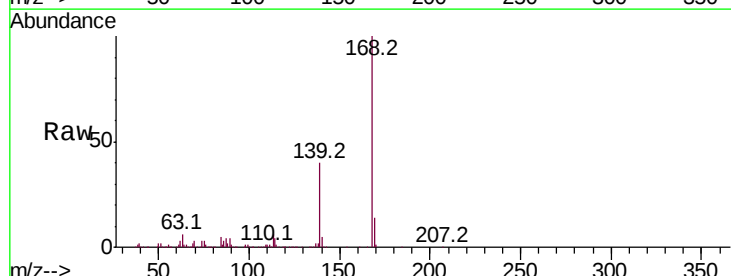
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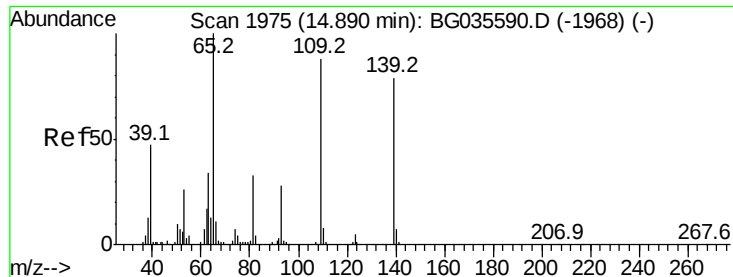
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 7/31/2018 2:39:55 PM



#54
 Dibenzofuran
 Concen: 49.758 ng
 RT: 15.04 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

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





#55

4-Nitrophenol

Concen: 97.060 ng

RT: 14.87 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Instrument :

BNA_G

ClientSampleId :

PB111594BSD

Tot Ion:139 Resp: 141582

Ion Ratio Lower Upper

139 100

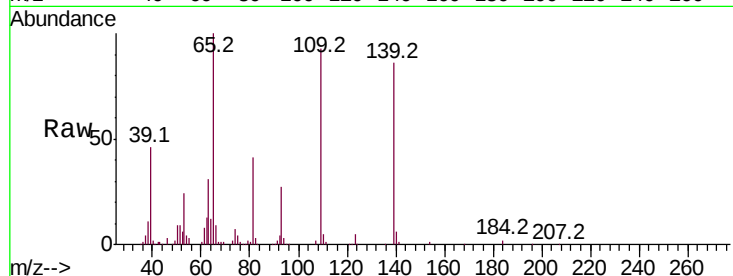
109 108.2 62.2 102.2#

65 116.2 97.2 137.2

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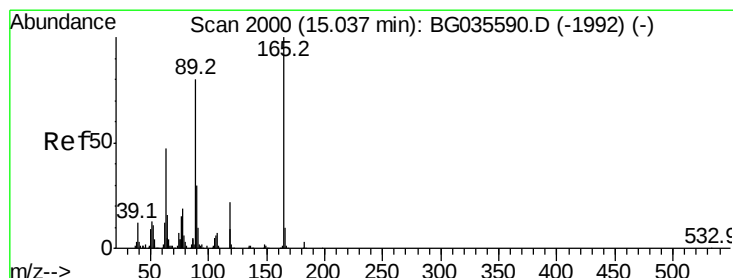
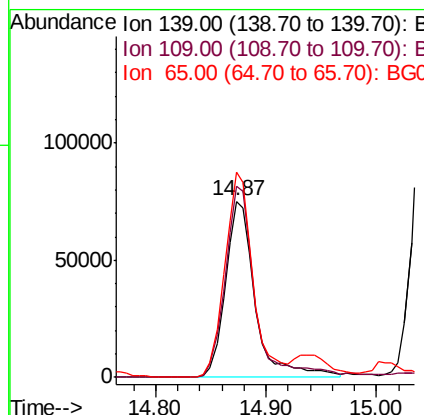
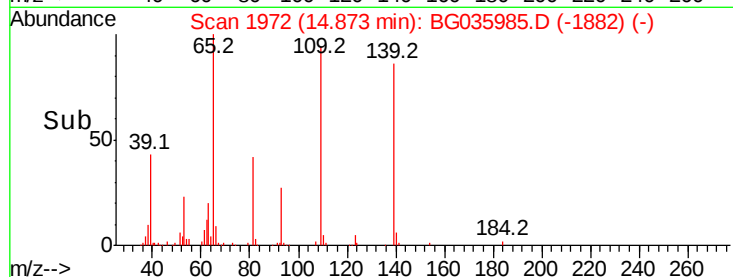
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 56.781 ng

RT: 15.01 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Tgt Ion:165 Resp: 163250

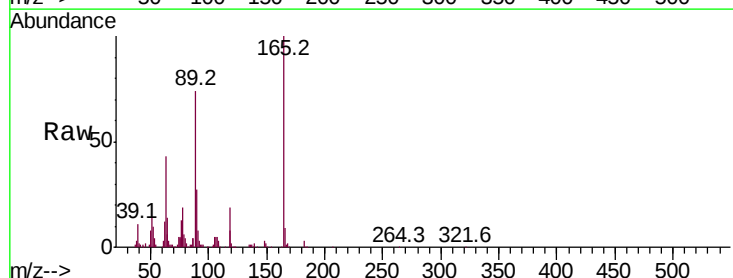
Ion Ratio Lower Upper

165 100

63 42.8 42.0 63.0

89 74.1 66.9 100.3

182 2.9 2.6 3.8

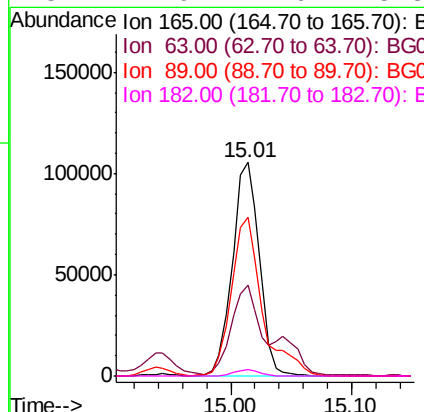
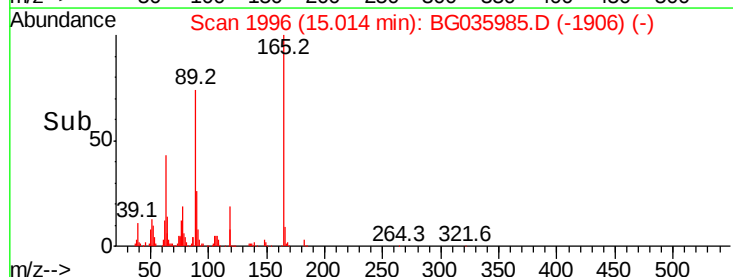


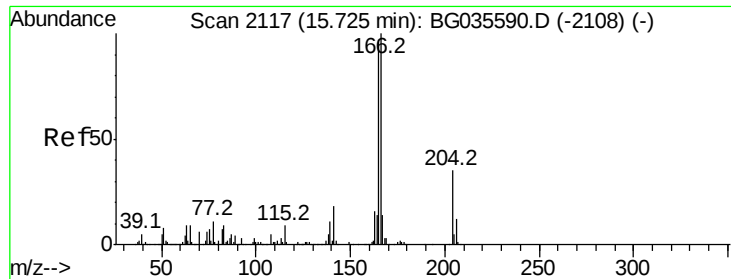
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 49.903 ng

RT: 15.70 min Scan# 2112

Delta R.T. -0.00 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Instrument :

BNA_G

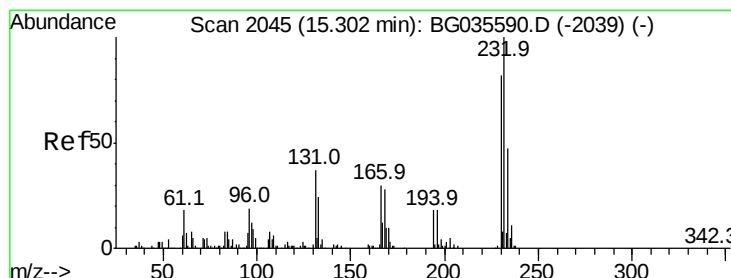
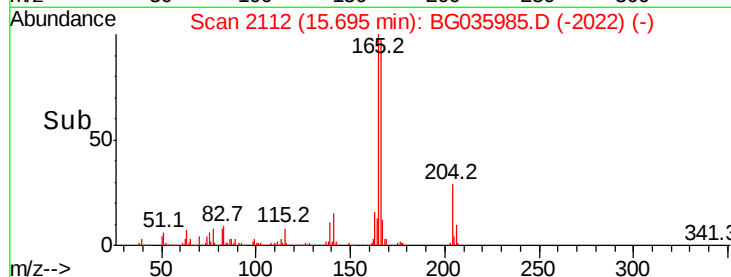
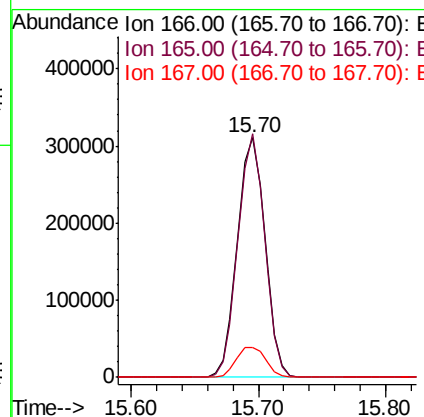
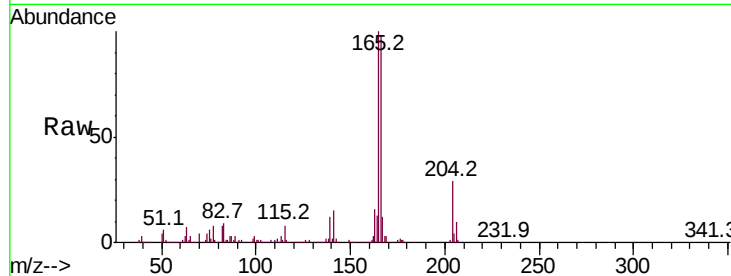
ClientSampleId :

PB111594BSD

Tot Ion:	166	Resp:	470179
Ion Ratio	Lower	Upper	
166	100		
165	101.6	80.6	121.0
167	12.6	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 58.836 ng

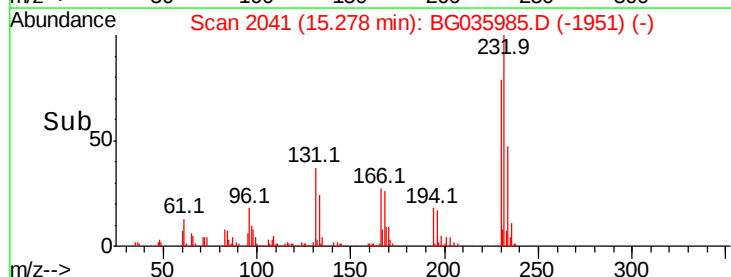
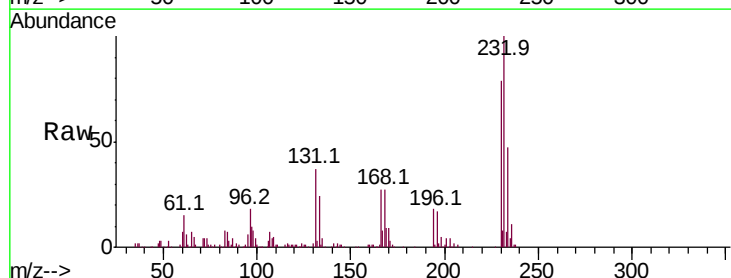
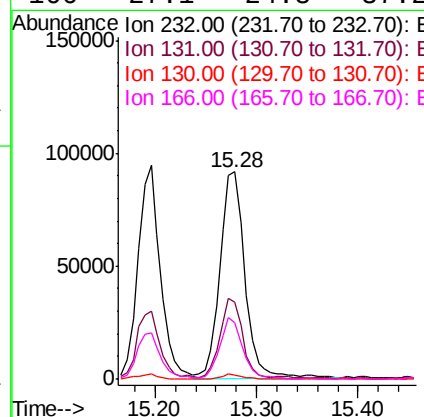
RT: 15.28 min Scan# 2041

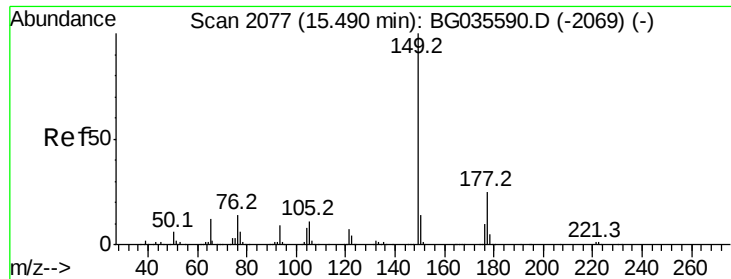
Delta R.T. -0.00 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Tgt Ion:	232	Resp:	156460
Ion Ratio	Lower	Upper	
232	100		
131	33.9	33.5	50.3
130	2.0	2.2	3.2#
166	27.1	24.8	37.2





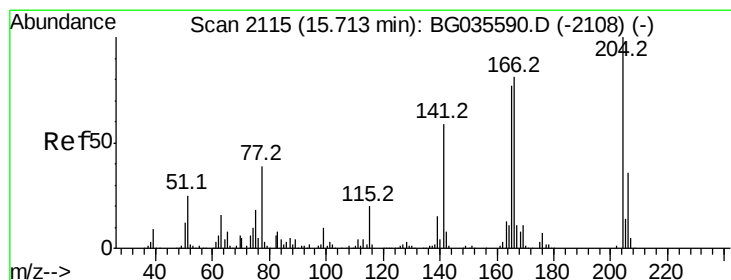
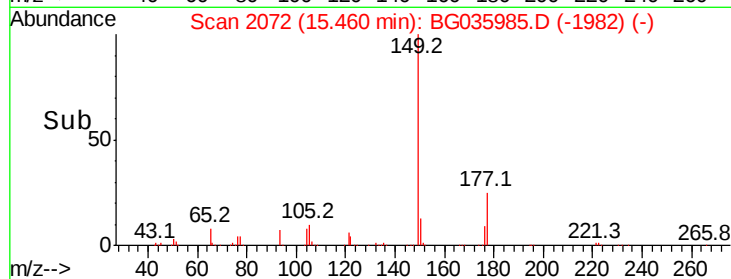
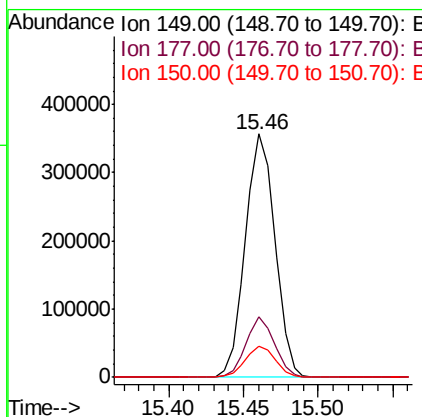
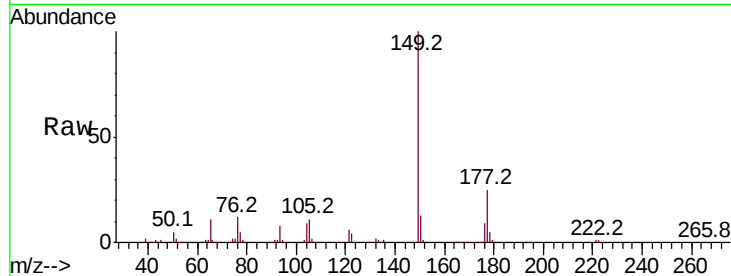
#59
Diethylphthalate
Concen: 48.504 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Instrument :
BNA_G
ClientSampleId :
PB111594BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	490832		
177	24.6	18.5	27.7	
150	12.9	10.2	15.2	

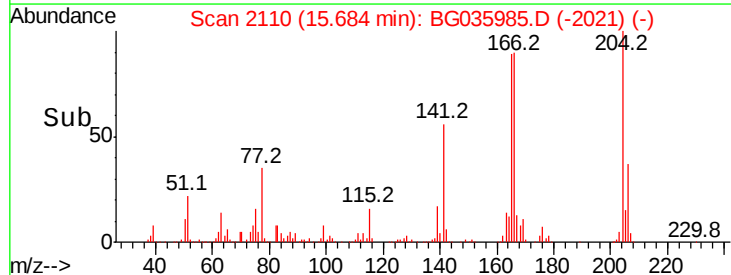
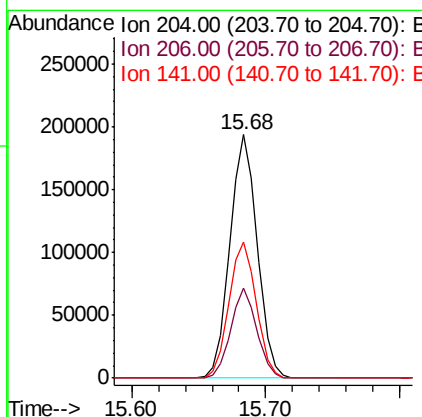
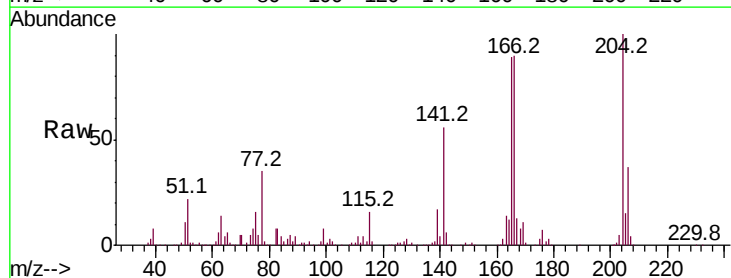
Manual Integrations
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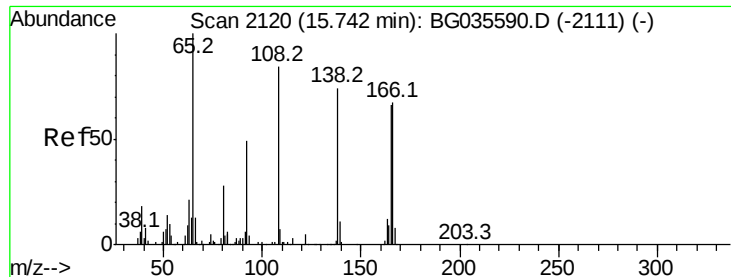
Sohil
7/31/2018 2:39:55 PM



#60
4-Chlorophenyl-phenylether
Concen: 49.972 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	276728		
206	36.9	26.2	39.2	
141	56.0	45.8	68.6	





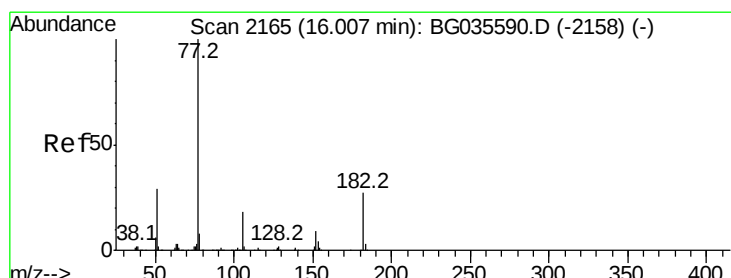
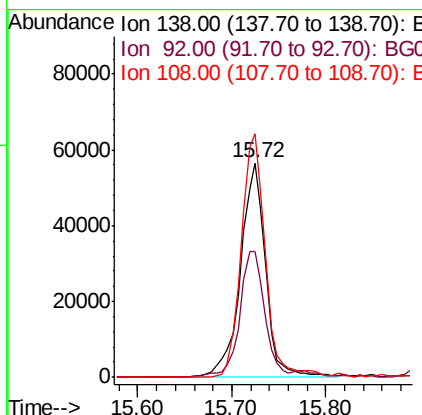
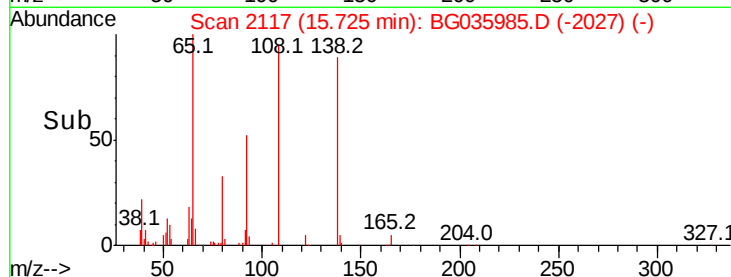
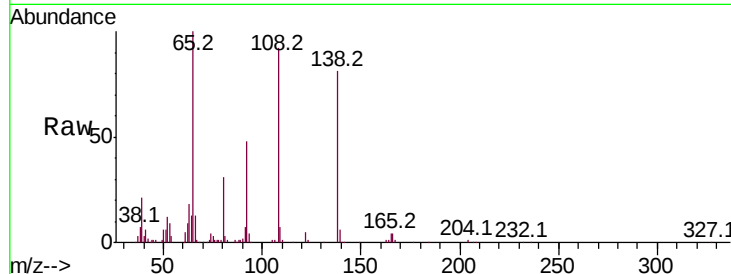
#61
4-Nitroaniline
Concen: 48.825 ng
RT: 15.72 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Instrument :
BNA_G
ClientSampleId :
PB111594BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	59.0	40.1	80.1	
108	113.7	65.4	105.4	

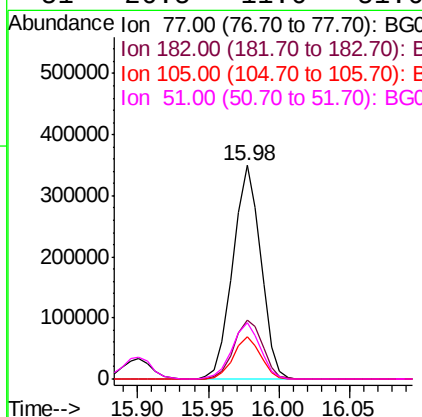
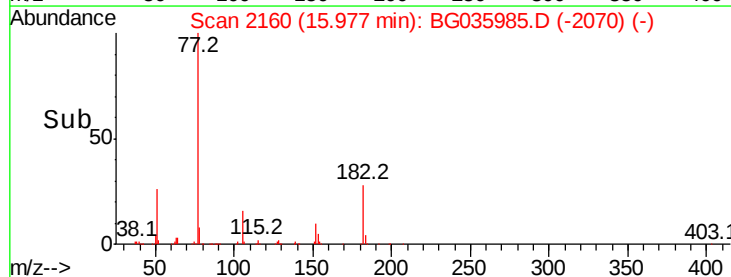
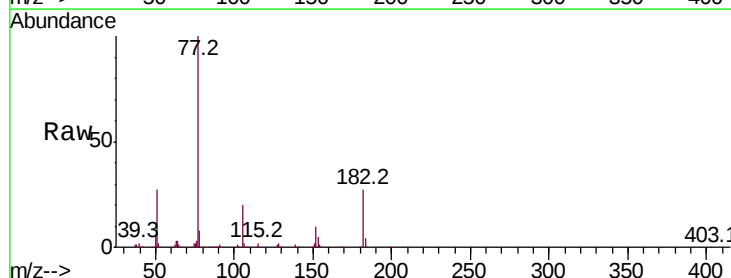
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#62
Azobenzene
Concen: 48.317 ng
RT: 15.98 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	27.4	7.4	47.4	
105	20.0	0.3	40.3	
51	26.5	11.6	51.6	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Instrument :

BNA_G

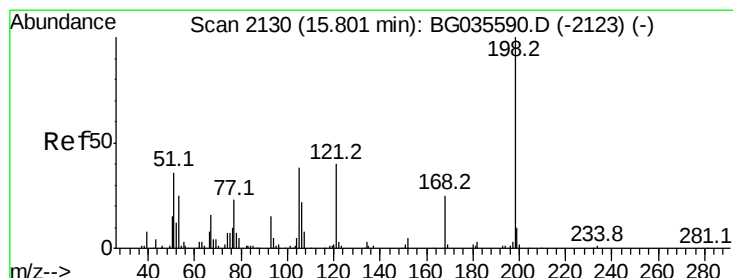
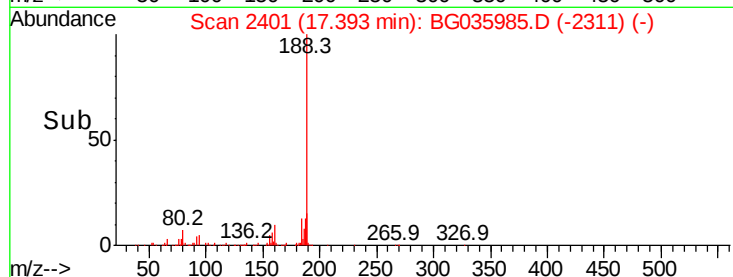
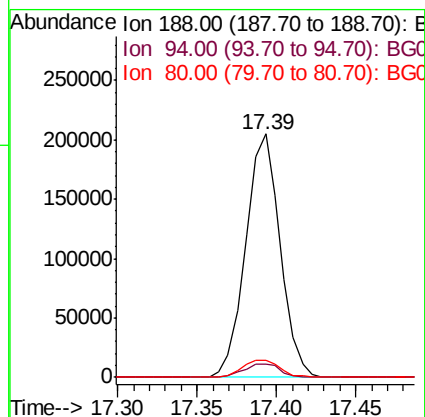
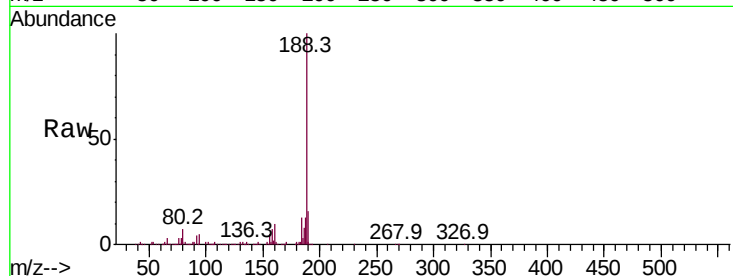
ClientSampleId :

PB111594BSD

Tot Ion:	188	Resp:	309597
Ion Ratio	Lower	Upper	
188	100		
94	5.5	6.9	10.3#
80	7.1	7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 48.052 ng

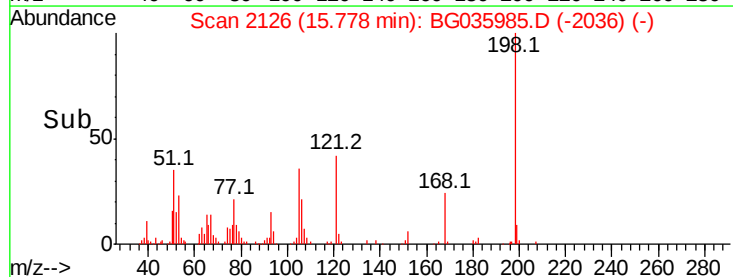
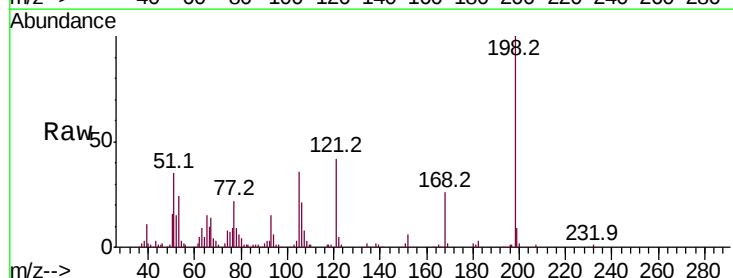
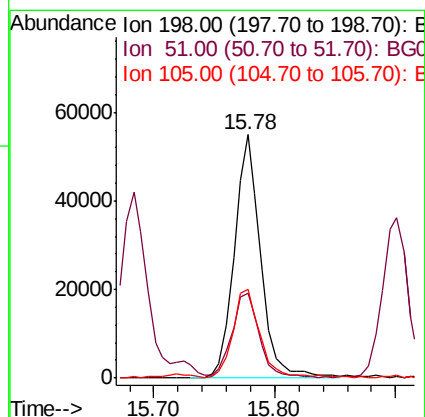
RT: 15.78 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Tgt Ion:	198	Resp:	82814
Ion Ratio	Lower	Upper	
198	100		
51	35.0	30.6	70.6
105	36.4	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 48.428 ng

RT: 15.90 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Instrument :

BNA_G

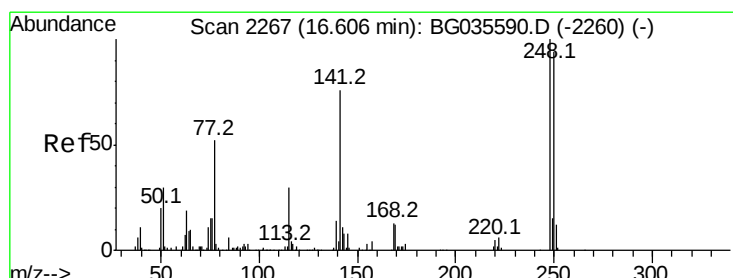
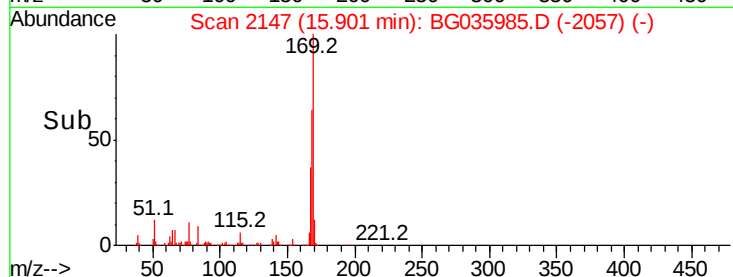
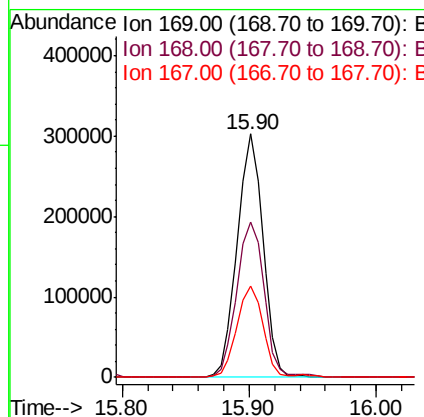
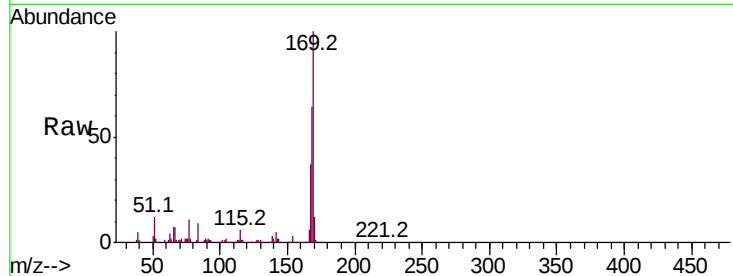
ClientSampleId :

PB111594BSD

Tot Ion:	169	Resp:	426758
Ion Ratio	Lower	Upper	
169	100		
168	63.9	55.7	83.5
167	37.4	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 52.402 ng

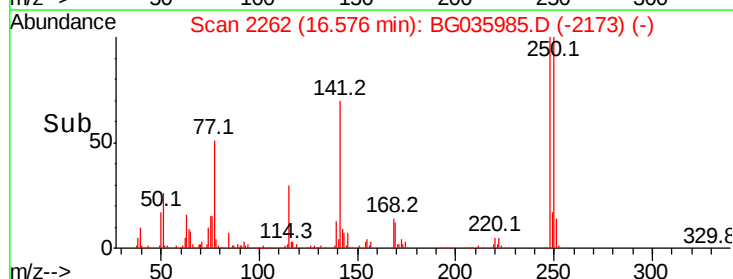
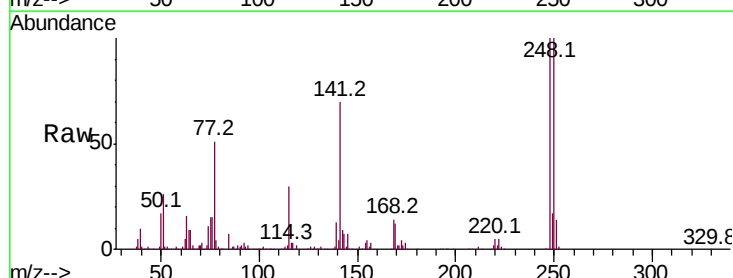
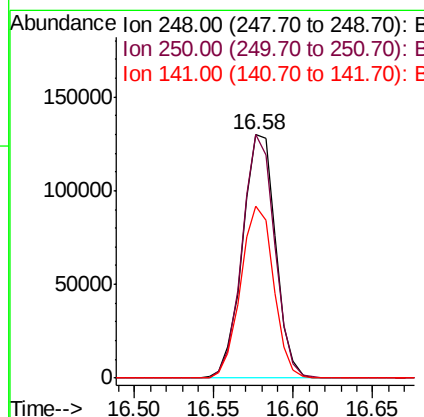
RT: 16.58 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Tgt Ion:	248	Resp:	188219
Ion Ratio	Lower	Upper	
248	100		
250	100.2	77.1	115.7
141	70.6	50.8	76.2





#67

Hexachlorobenzene

Concen: 52.467 ng

RT: 16.70 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Instrument :

BNA_G

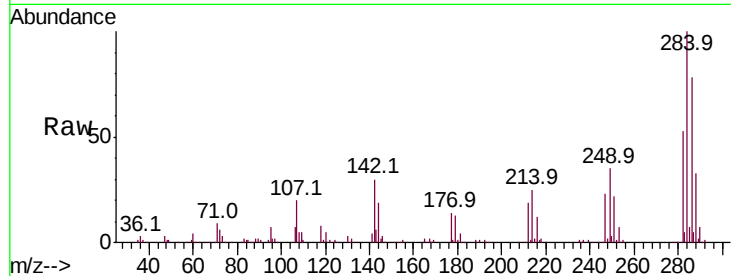
ClientSampleId :

PB111594BSD

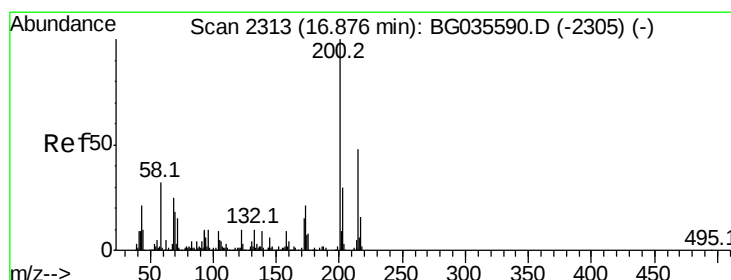
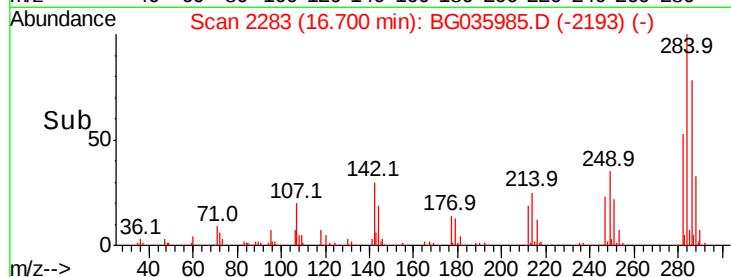
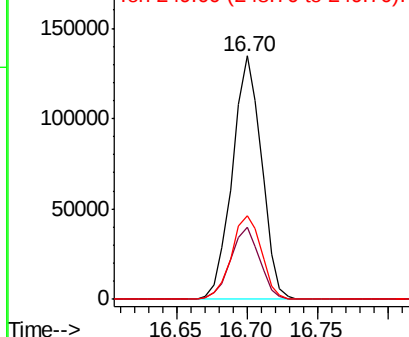
Tot Ion:	284	Resp:	194070
Ion Ratio	Lower	Upper	
284	100		
142	29.6	26.8	40.2
249	34.6	26.3	39.5

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



#68

Atrazine

Concen: 53.489 ng

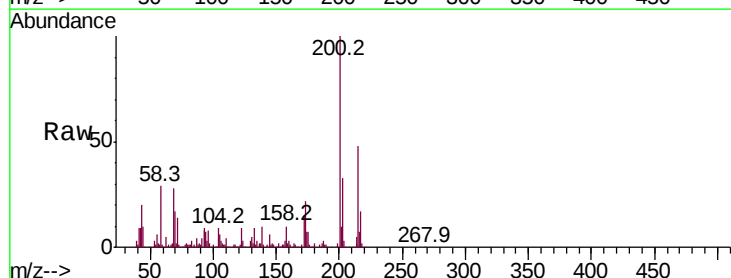
RT: 16.85 min Scan# 2308

Delta R.T. -0.00 min

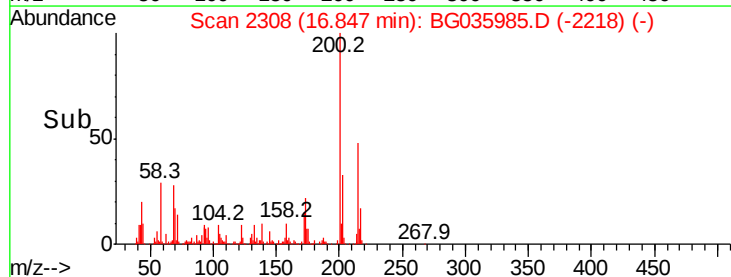
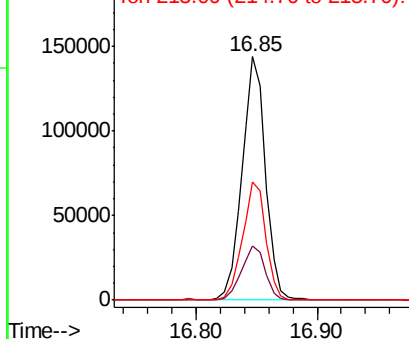
Lab File: BG035985.D

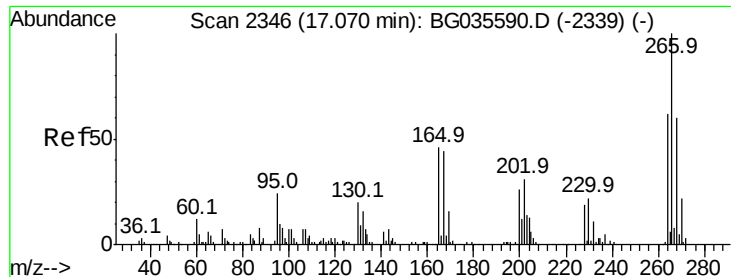
Acq: 30 Jul 2018 20:52

Tgt Ion:	200	Resp:	194073
Ion Ratio	Lower	Upper	
200	100		
173	22.2	5.2	45.2
215	48.4	30.4	70.4



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





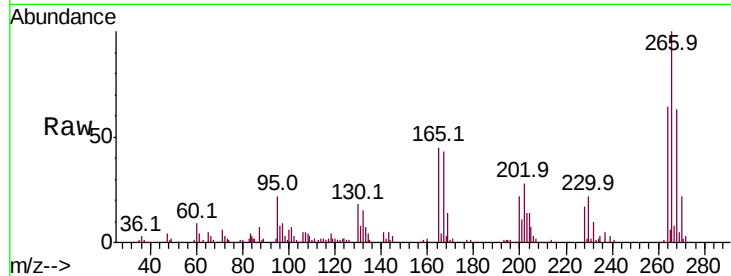
#69
 Pentachlorophenol
 Concen: 74.622 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB111594BSD

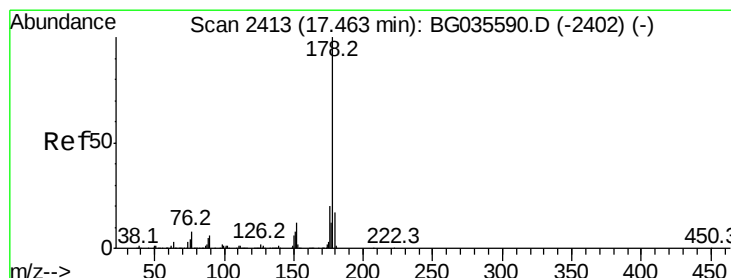
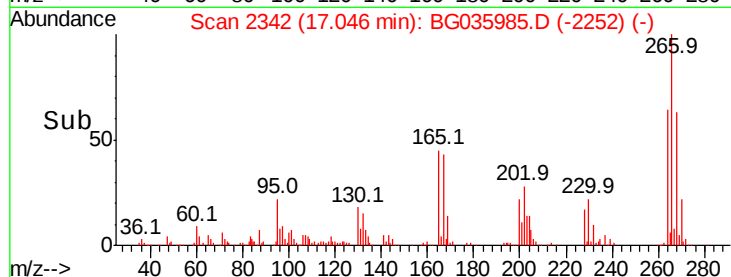
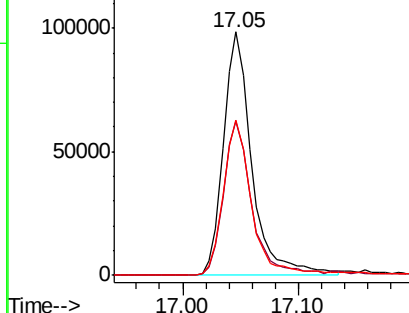
Tot Ion	Ratio	Resp	Lower	Upper
266	100	168124		
268	63.3	51.1	76.7	
264	63.7	49.6	74.4	

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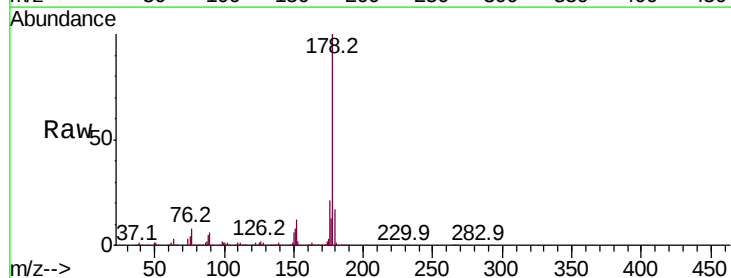


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

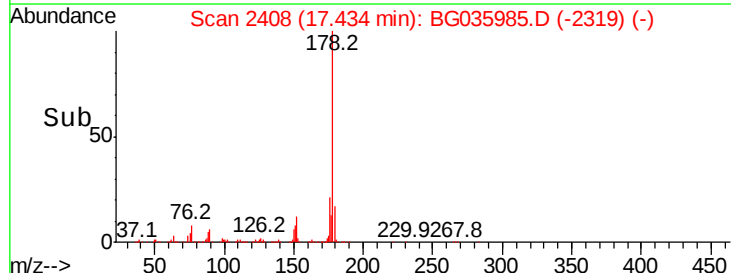
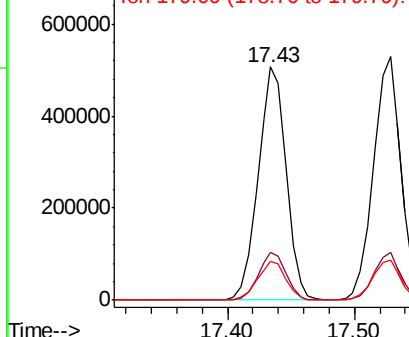


#70
 Phenanthrene
 Concen: 50.249 ng
 RT: 17.43 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	776269		
176	20.6	15.7	23.5	
179	16.8	12.5	18.7	



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





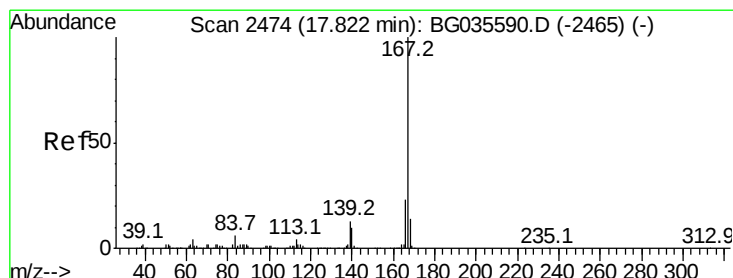
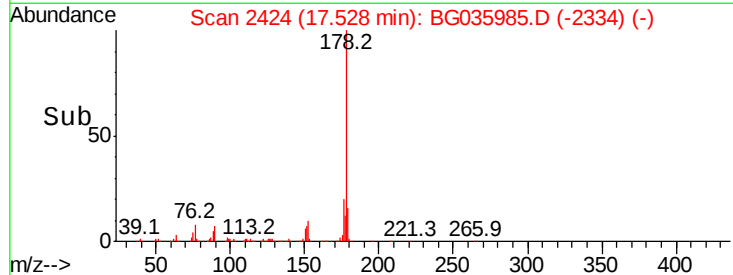
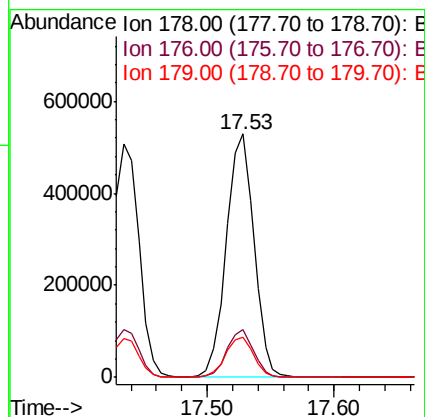
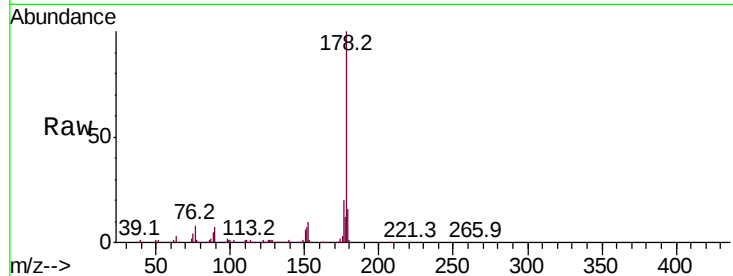
#71
 Anthracene
 Concen: 51.885 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB111594BSD

Tot Ion	Ratio	Resp	Lower	Upper
178	100	798117		
176	19.8	16.0	24.0	
179	16.5	12.5	18.7	

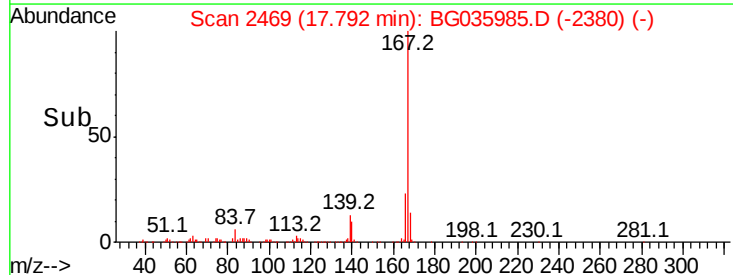
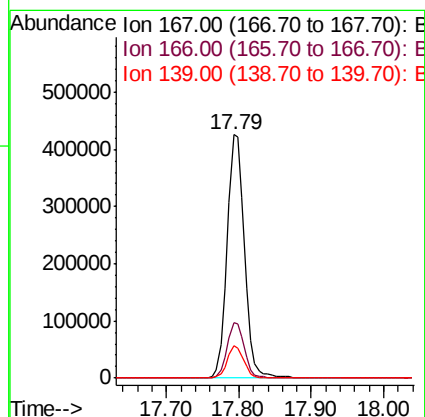
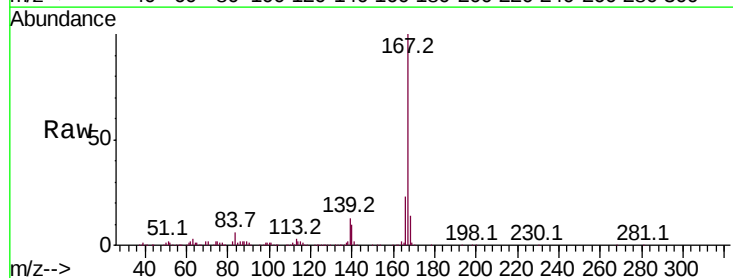
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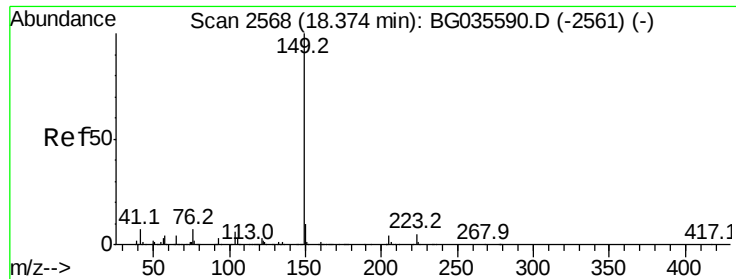
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#72
 Carbazole
 Concen: 48.576 ng
 RT: 17.79 min Scan# 2469
 Delta R.T. -0.01 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	709609		
166	22.7	18.2	27.4	
139	13.3	9.4	14.2	





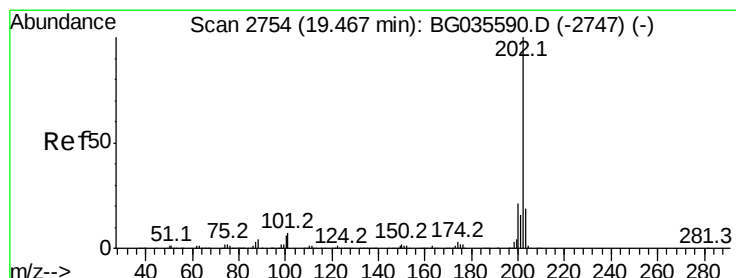
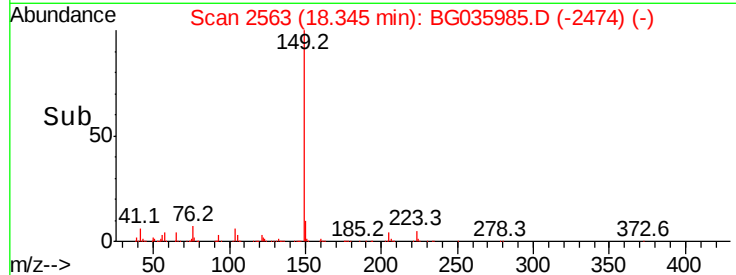
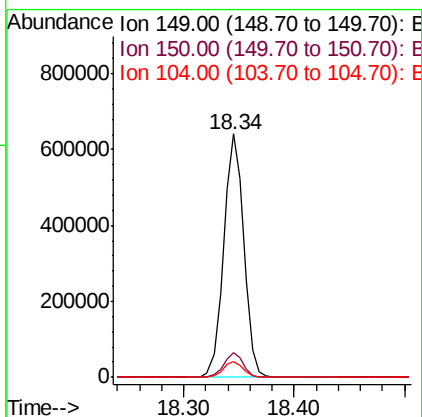
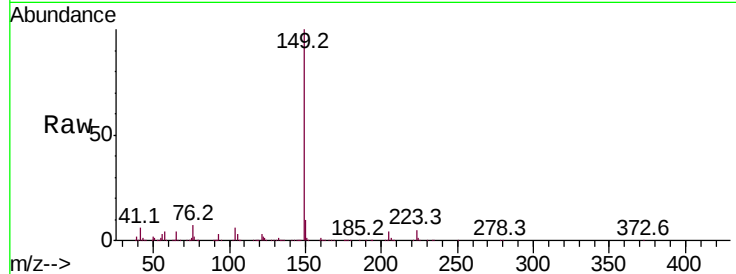
#73
Di-n-butylphthalate
Concen: 47.255 ng
RT: 18.34 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Instrument :
BNA_G
ClientSampleId :
PB111594BSD

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

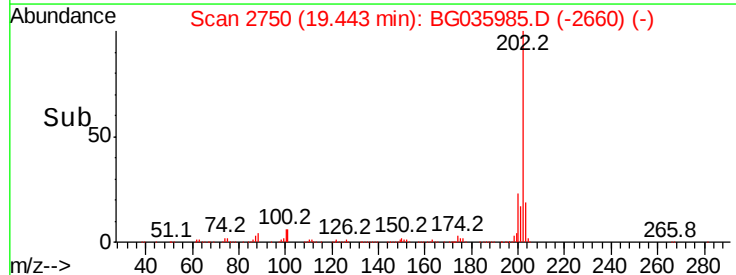
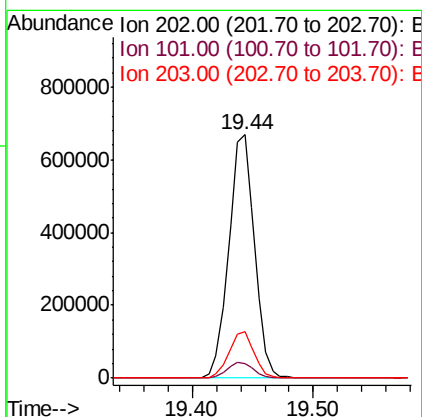
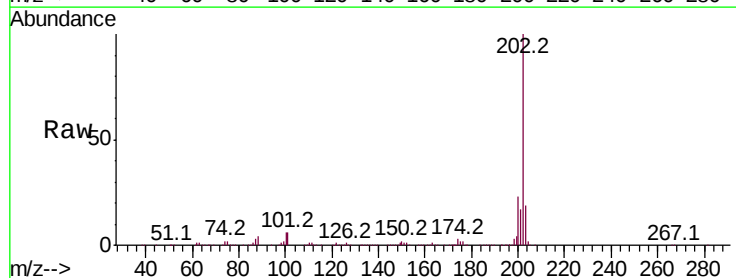
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#74
Fluoranthene
Concen: 47.523 ng
RT: 19.44 min Scan# 2750
Delta R.T. -0.00 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	6.2	0.0	28.9	
203	18.9	0.0	37.5	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Instrument :

BNA_G

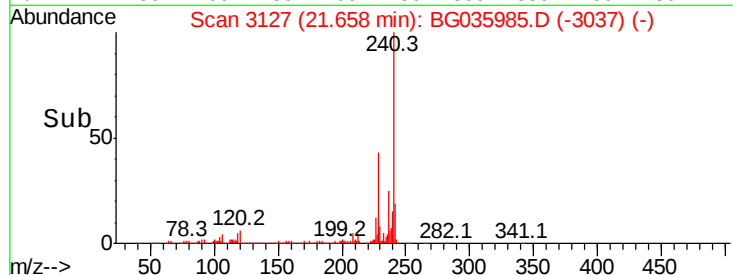
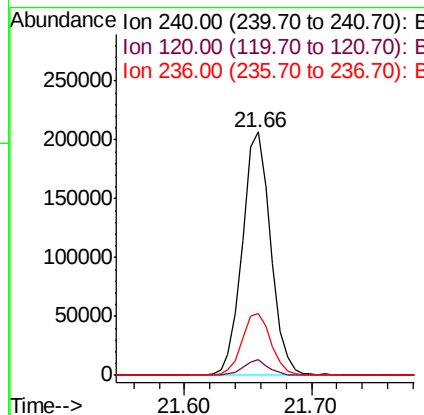
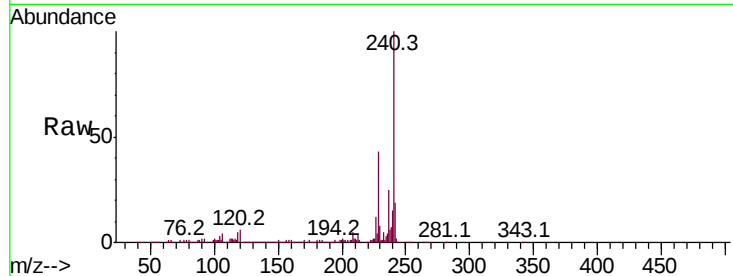
ClientSampleId :

PB111594BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	6.4	6.8	10.2#	
236	25.4	20.9	31.3	

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#76

Benzidine

Concen: 38.932 ng

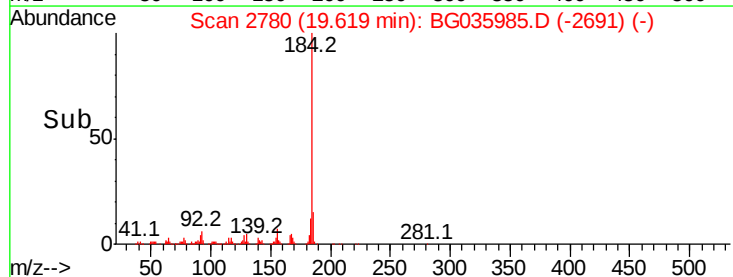
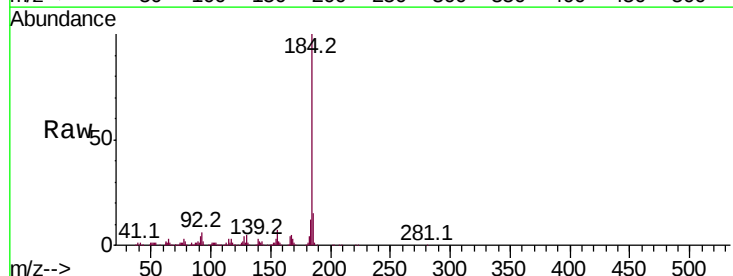
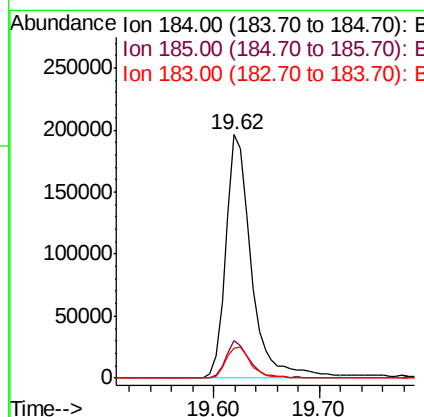
RT: 19.62 min Scan# 2780

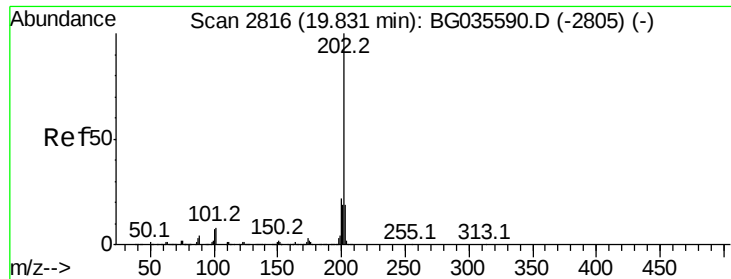
Delta R.T. -0.01 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.2	11.1	16.7	
183	12.3	10.6	16.0	





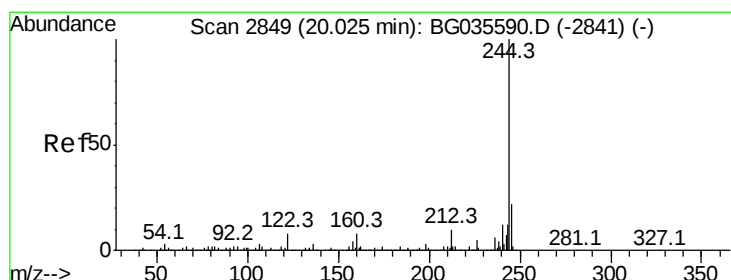
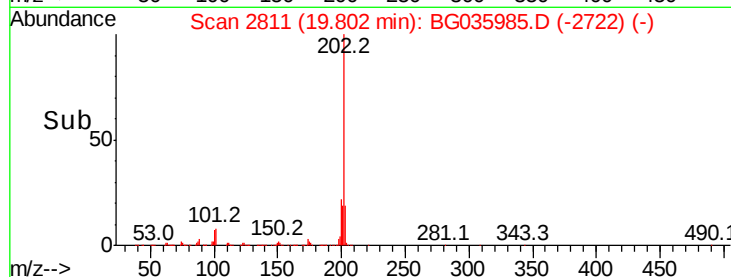
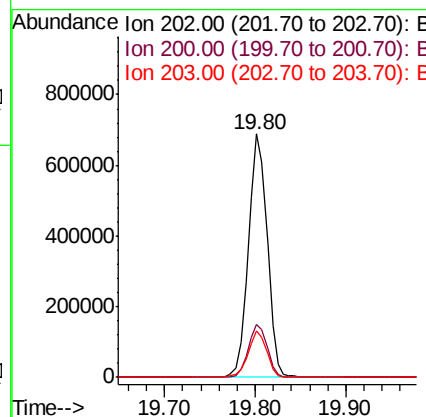
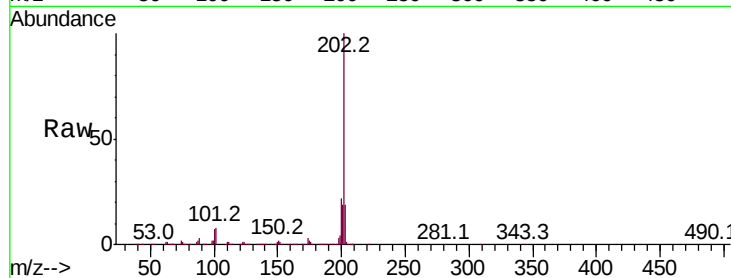
#77
Pvrene
Concen: 48.733 ng
RT: 19.80 min Scan# 2811
Delta R.T. -0.01 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Instrument :
BNA_G
ClientSampleId :
PB111594BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	16.9	25.3
203	19.1	13.9	20.9

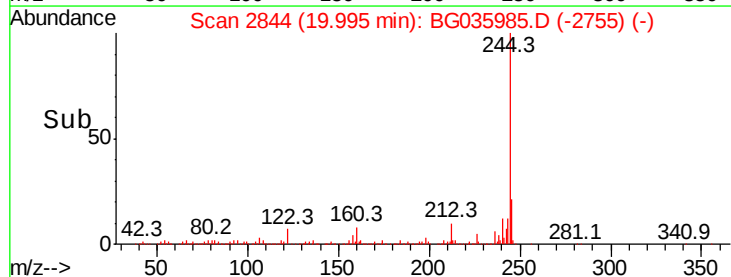
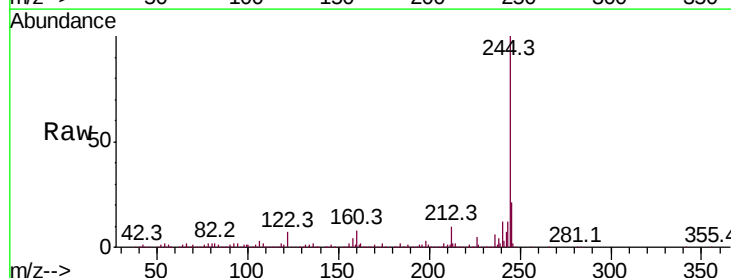
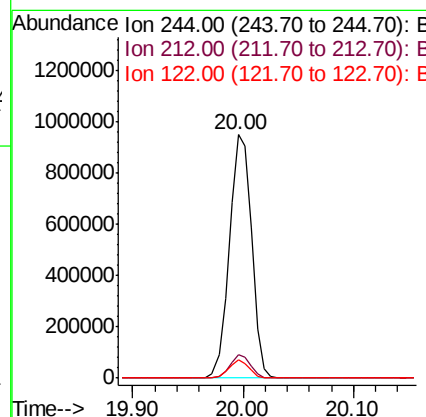
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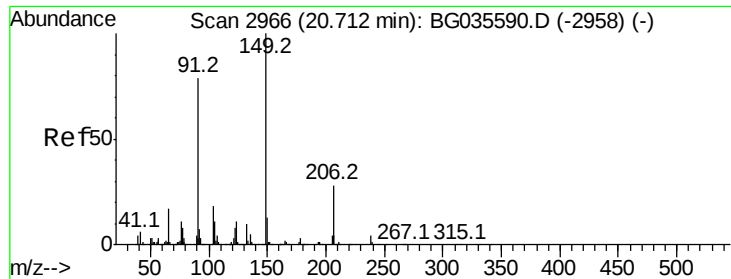
Sohil
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#78
Terphenyl-d14
Concen: 91.949 ng
RT: 20.00 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	9.7	5.8	8.8#
122	7.3	7.0	10.4





#79

Butylbenzylphthalate

Concen: 50.759 ng

RT: 20.68 min Scan# 2961

Delta R.T. -0.00 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Instrument :

BNA_G

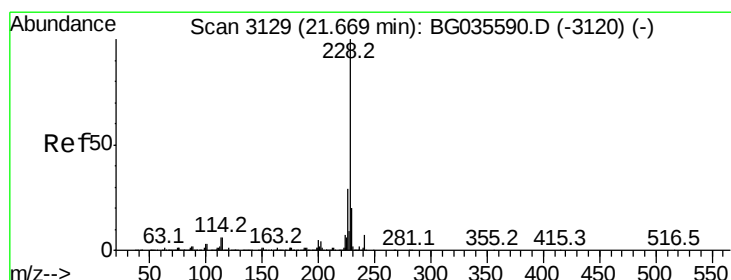
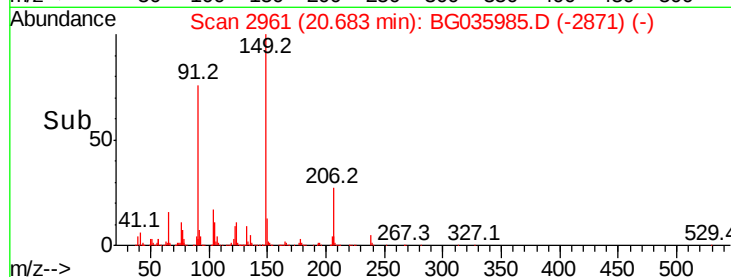
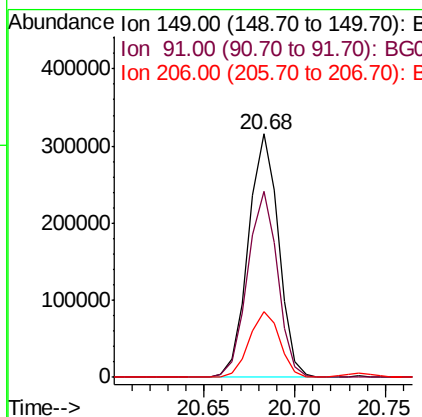
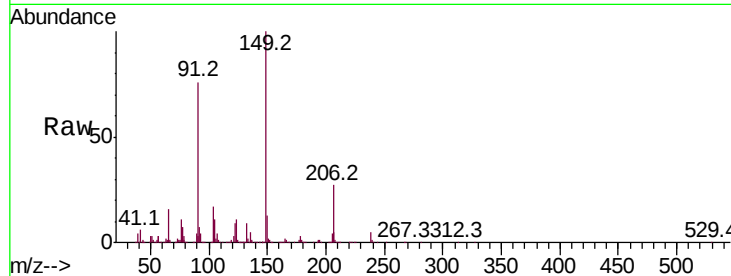
ClientSampleId :

PB111594BSD

Tot Ion:	149	Resp:	367993
Ion Ratio	Lower	Upper	
149	100		
91	76.2	62.2	93.2
206	27.1	18.6	27.8

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#80

Benzo(a)anthracene

Concen: 50.231 ng

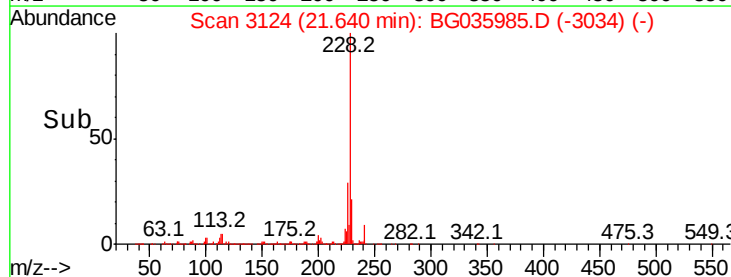
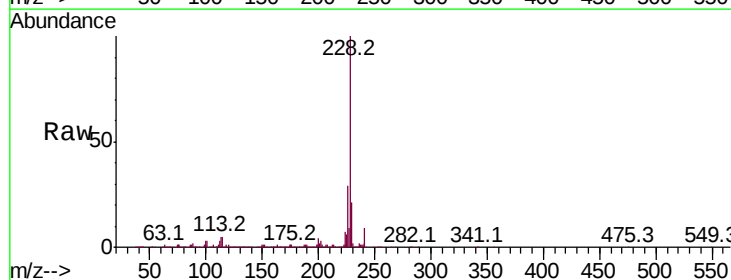
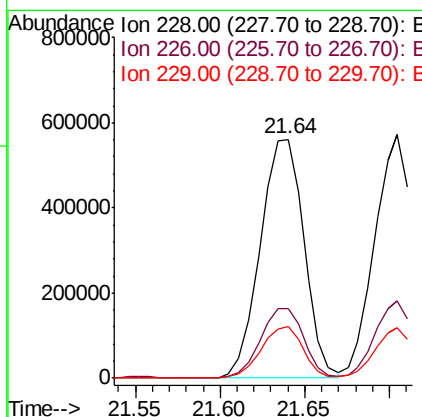
RT: 21.64 min Scan# 3124

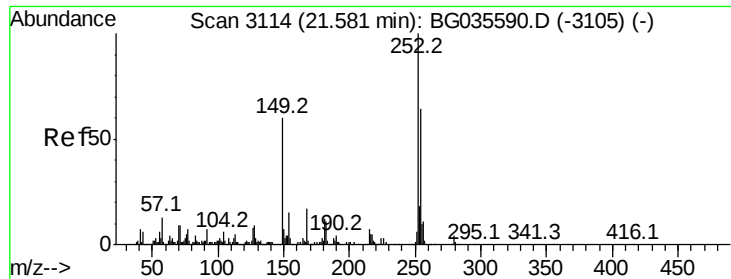
Delta R.T. -0.00 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Tgt Ion:	228	Resp:	1003624
Ion Ratio	Lower	Upper	
228	100		
226	28.9	22.7	34.1
229	21.5	16.2	24.2





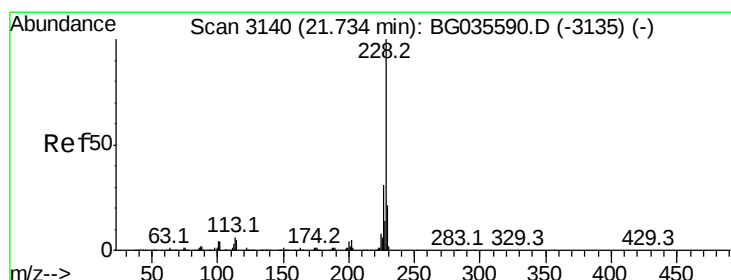
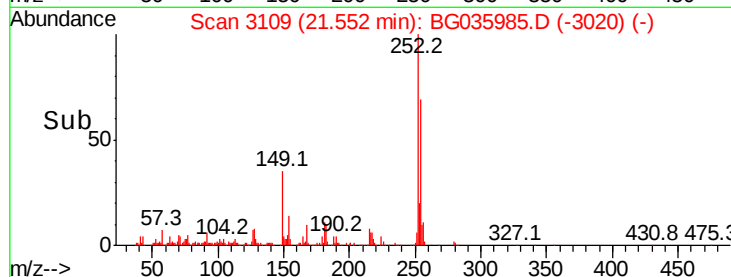
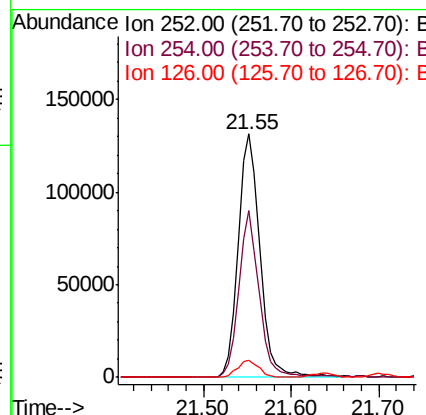
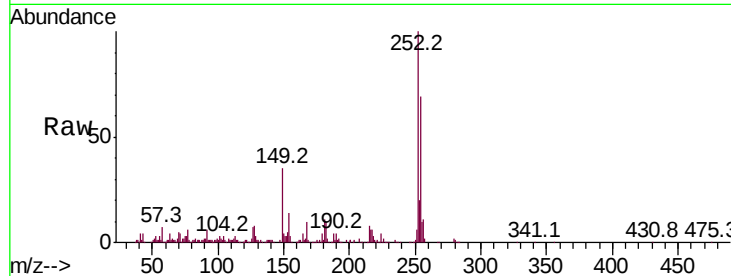
#81
 3,3'-Dichlorobenzidine
 Concen: 31.574 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PB111594BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	68.8	50.8	76.2
126	7.1	7.4	11.2#

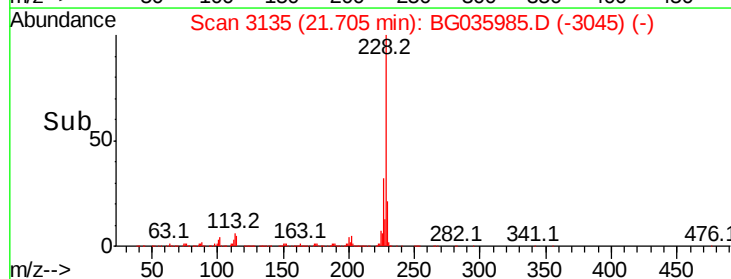
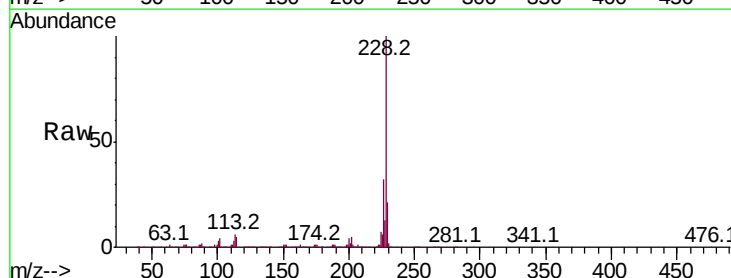
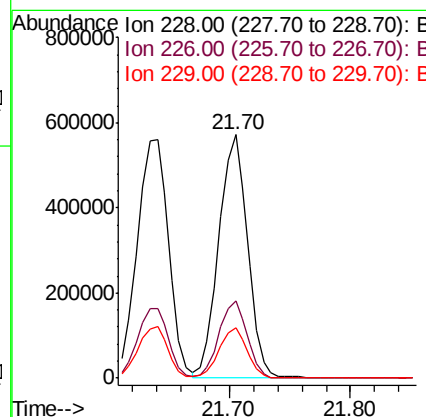
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#82
 Chrysene
 Concen: 50.856 ng
 RT: 21.70 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	20.5	15.0	22.4





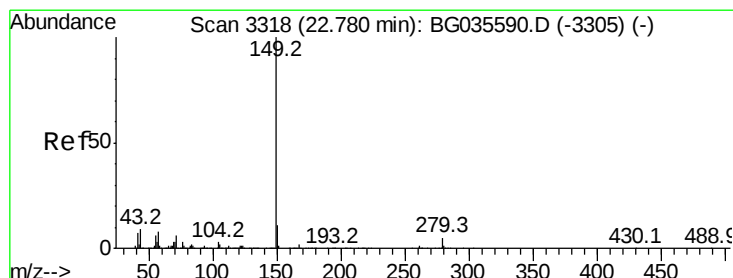
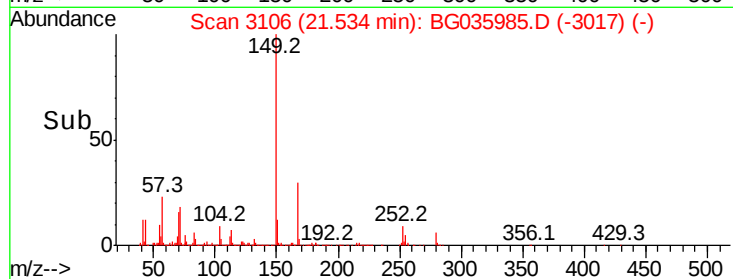
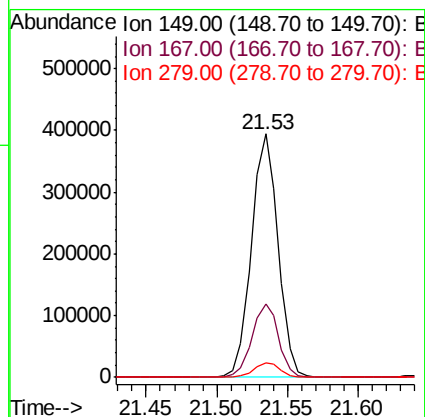
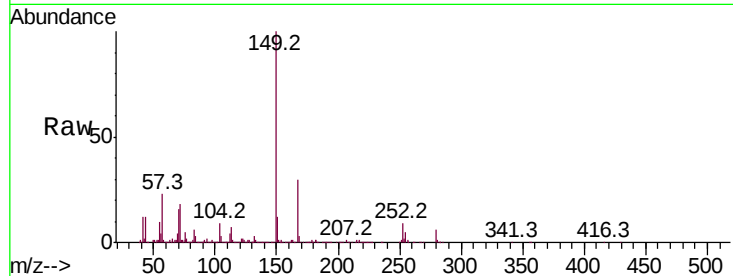
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.937 ng
 RT: 21.53 min Scan# 3106
 Delta R.T. -0.01 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

Instrument :
 BNA_G
 ClientSampleID :
 PB111594BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.3	36.5
279	5.9	4.0	6.0

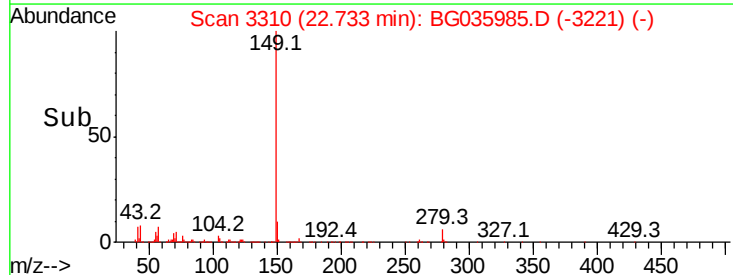
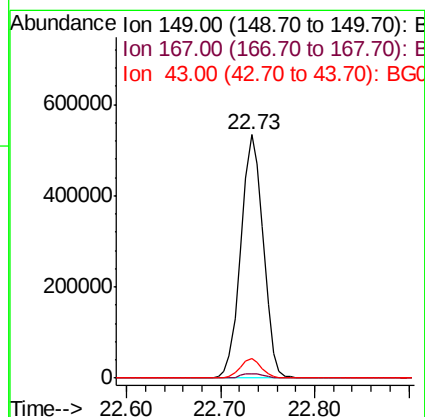
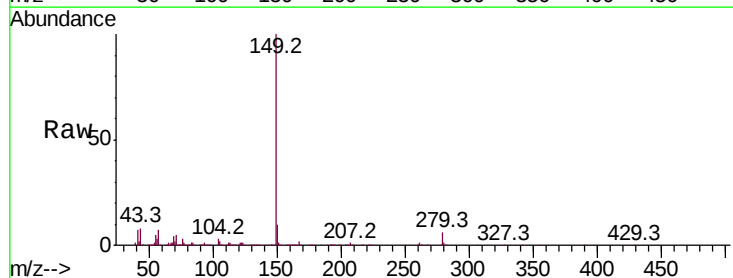
Manual Integrations
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#84
 Di-n-octyl phthalate
 Concen: 53.158 ng
 RT: 22.73 min Scan# 3310
 Delta R.T. -0.01 min
 Lab File: BG035985.D
 Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	7.7	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 51.938 ng

RT: 28.50 min Scan# 4292

Delta R.T. -0.00 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Instrument :

BNA_G

ClientSampleId :

PB111594BSD

Tot Ion:276 Resp: 1064669

Ion Ratio Lower Upper

276 100

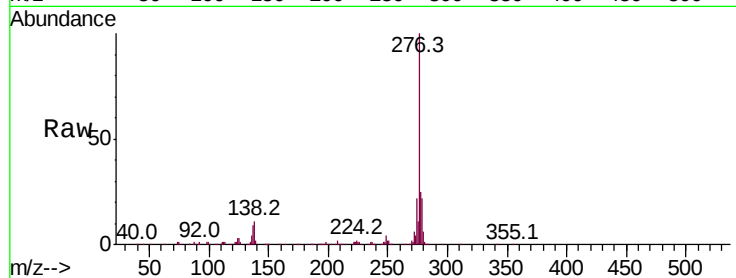
138 9.0 16.0 24.0#

277 10.8 20.0 30.0#

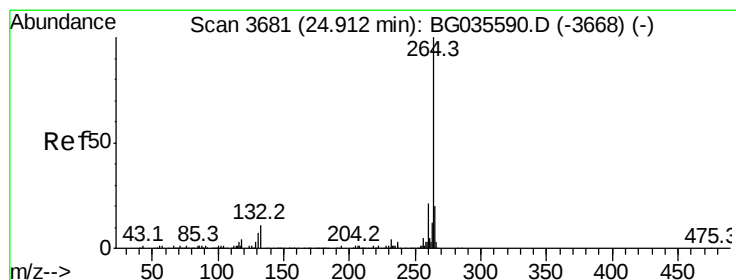
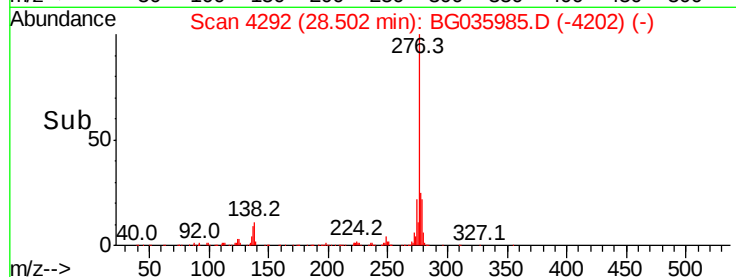
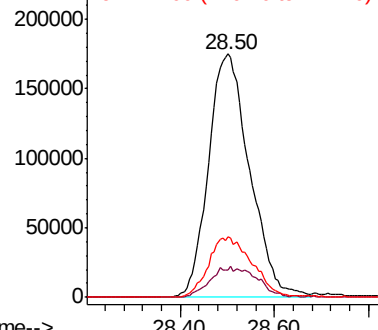
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

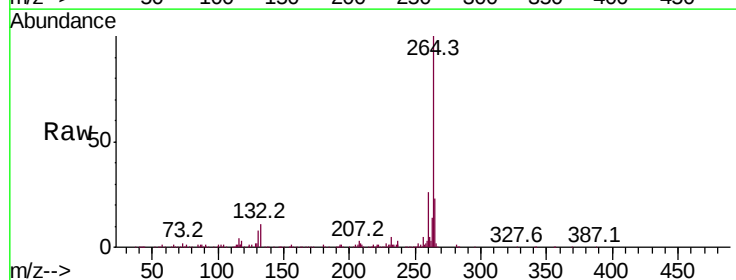
Tgt Ion:264 Resp: 313753

Ion Ratio Lower Upper

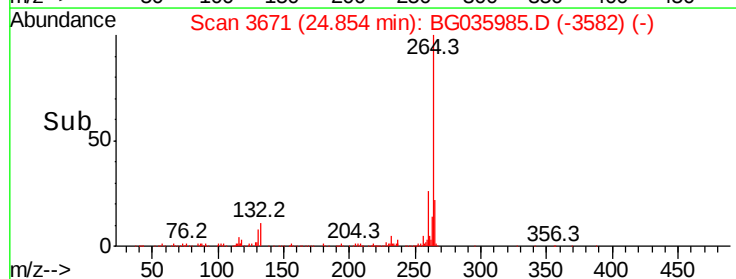
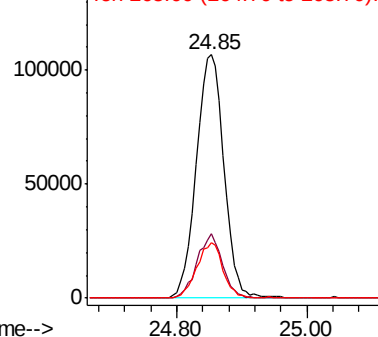
264 100

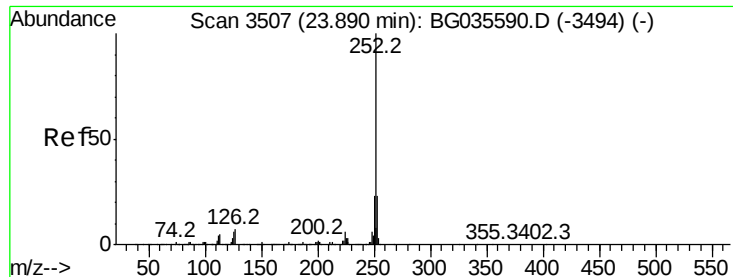
260 26.3 17.4 26.0#

265 22.6 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





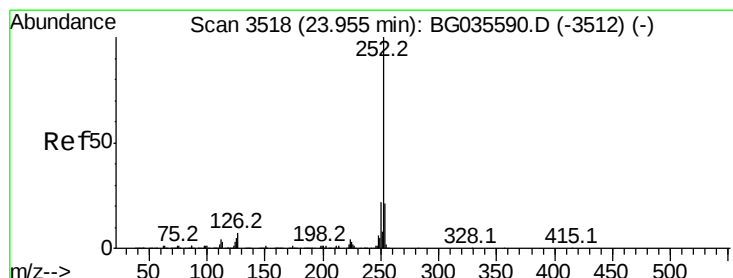
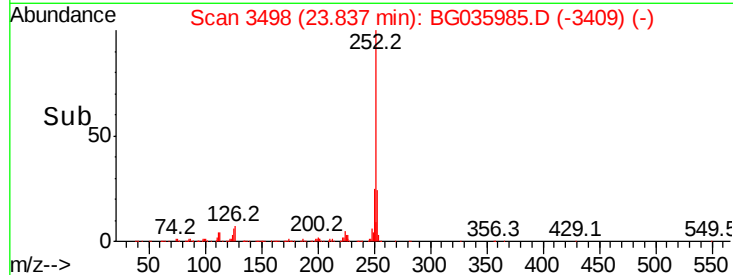
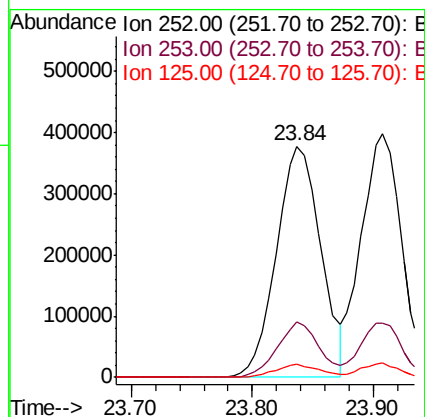
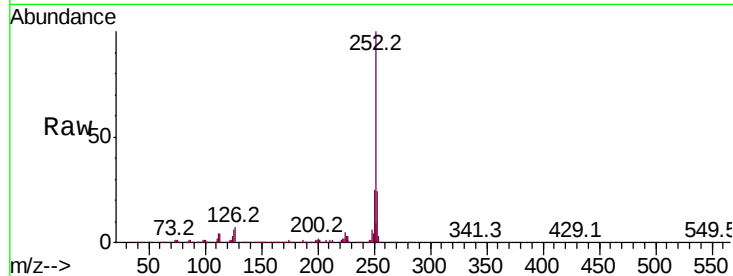
#87
Benzo(b)fluoranthene
Concen: 50.297 ng
RT: 23.84 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Instrument :
BNA_G
ClientSampleId :
PB111594BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.4
125	5.6	7.2	10.8

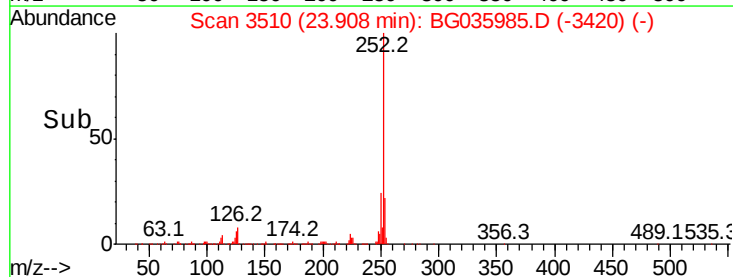
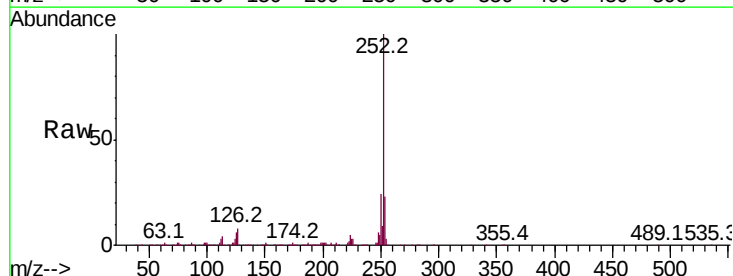
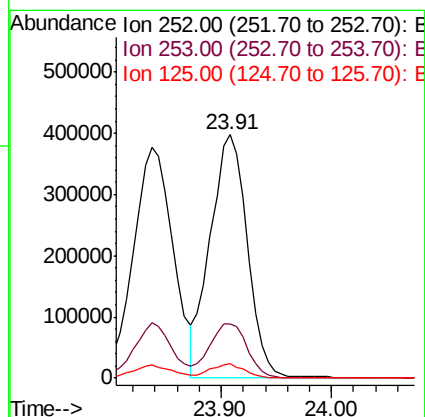
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#88
Benzo(k)fluoranthene
Concen: 49.436 ng
RT: 23.91 min Scan# 3510
Delta R.T. -0.00 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	5.9	6.6	9.8





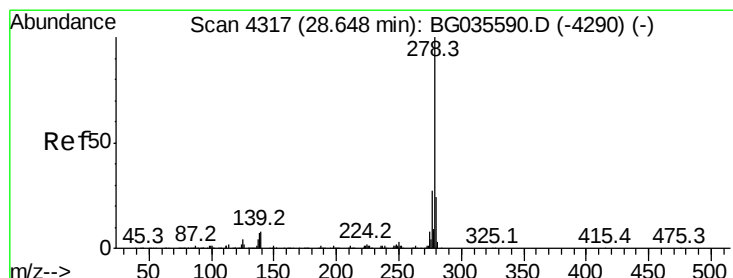
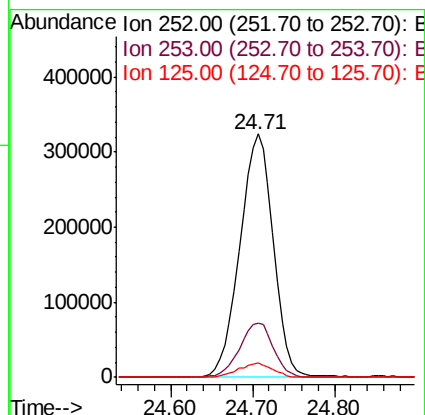
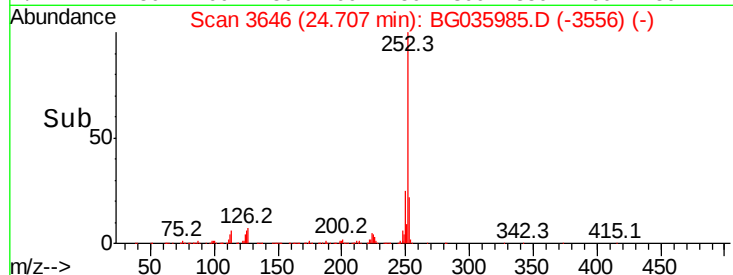
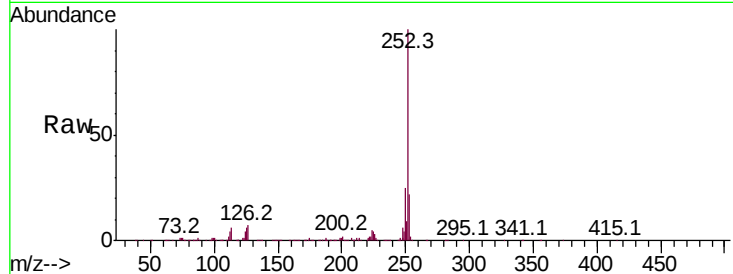
#89
Benzo(a)pyrene
Concen: 51.922 ng
RT: 24.71 min Scan# 3646
Delta R.T. -0.00 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Instrument :
BNA_G
ClientSampleId :
PB111594BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.3	27.5
125	5.8	7.3	10.9

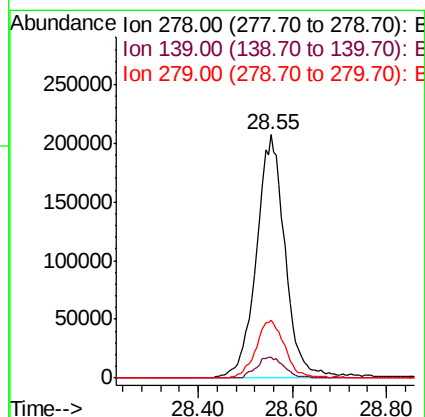
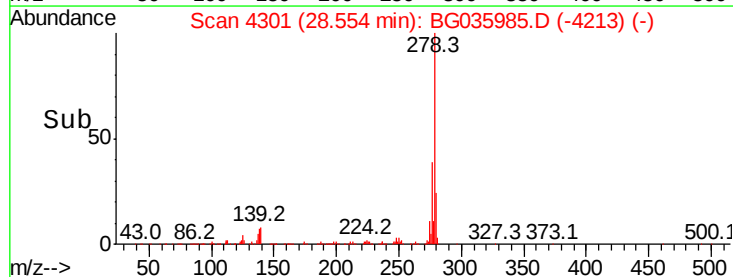
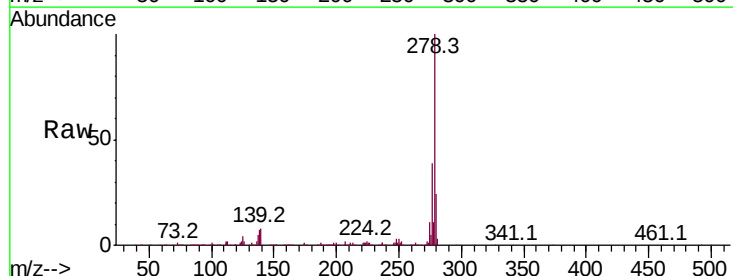
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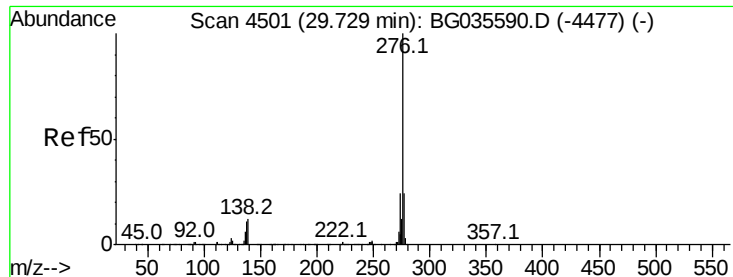
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#90
Dibenzo(a,h)anthracene
Concen: 50.478 ng
RT: 28.55 min Scan# 4301
Delta R.T. -0.01 min
Lab File: BG035985.D
Acq: 30 Jul 2018 20:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.4	9.8	14.6
279	23.7	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 51.718 ng

RT: 29.64 min Scan# 4486

Delta R.T. 0.00 min

Lab File: BG035985.D

Acq: 30 Jul 2018 20:52

Instrument :

BNA_G

ClientSampleId :

PB111594BSD

Tot Ion:	276	Resp:	881457
Ion Ratio	Lower	Upper	
276	100		
277	22.2	18.3	27.5
138	12.6	13.9	20.9#

Manual Integrations
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