

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
 Data File : BG021693.D
 Acq On : 15 Apr 2016 19:56
 Operator : UM/SJ
 Sample : PB89849BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB89849BS

Manual Integrations
 APPROVED

Sohil
 4/18/2016 7:18:24 PM

Quant Time: Apr 16 03:10:39 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	27643	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	116573	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	72553	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	186086	20.00	ng	0.00
75) Chrysene-d12	21.83	240	226928	20.00	ng	0.00
86) Perylene-d12	25.16	264	227664	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.77	112	190451	114.73	ng	0.00
7) Phenol-d6	7.37	99	269049	108.51	ng	0.01
23) Nitrobenzene-d5	9.38	82	158765	70.00	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	104275	133.35	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	364181	73.54	ng	0.00
78) Terphenyl-d14	20.14	244	658169	72.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.63	88	19208	25.99	ng	86
3) Pyridine	4.03	79	59555	26.86	ng	89
4) n-Nitrosodimethylamine	3.95	42	32456	29.53	ng	# 87
6) Aniline	7.54	93	42828	13.06	ng	95
8) 2-Chlorophenol	7.78	128	65710	33.02	ng	95
9) Benzaldehyde	7.35	77	18837	13.14	ng	# 85
10) Phenol	7.40	94	89938	33.72	ng	98
11) bis(2-Chloroethyl)ether	7.63	93	63059	29.54	ng	94
12) 1,3-Dichlorobenzene	8.11	146	69389	31.22	ng	96
13) 1,4-Dichlorobenzene	8.25	146	70586	31.20	ng	91
14) 1,2-Dichlorobenzene	8.58	146	67533	31.11	ng	97
15) Benzyl Alcohol	8.45	79	63831	33.68	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	121597	26.60	ng	98
17) 2-Methylphenol	8.66	107	61144	33.16	ng	92
18) Hexachloroethane	9.30	117	26042	31.63	ng	# 76
19) n-Nitroso-di-n-propylamine	9.02	70	54417	28.24	ng	# 98
20) 3+4-Methylphenols	8.98	107	82314	32.62	ng	95
22) Acetophenone	9.04	105	98749	30.41	ng	# 98
24) Nitrobenzene	9.43	77	78428	32.30	ng	98
25) Isophorone	9.95	82	149560	30.13	ng	99
26) 2-Nitrophenol	10.14	139	35995	38.82	ng	95
27) 2,4-Dimethylphenol	10.19	122	68413	32.48	ng	98
28) bis(2-Chloroethoxy)methane	10.43	93	87115	33.03	ng	95
29) 2,4-Dichlorophenol	10.67	162	67855	37.79	ng	97
30) 1,2,4-Trichlorobenzene	10.89	180	64792	33.56	ng	93
31) Naphthalene	11.08	128	199742	32.02	ng	# 95
32) Benzoic acid	10.30	122	36355	33.85	ng	95
33) 4-Chloroaniline	11.18	127	34837	12.90	ng	96
34) Hexachlorobutadiene	11.36	225	42154	33.85	ng	97
35) Caprolactam	11.95	113	29050m	35.36	ng	
36) 4-Chloro-3-methylphenol	12.29	107	80021	35.44	ng	97
37) 2-Methylnaphthalene	12.67	142	147497	34.44	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	74230	32.74	ng	97
40) Hexachlorocyclopentadiene	13.01	237	102272	81.20	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	55146	38.14	nq	97
43) 2,4,5-Trichlorophenol	13.34	196	59919	38.41	nq	97
45) 1,1'-Biphenyl	13.66	154	193334	31.63	nq	99
46) 2-Chloronaphthalene	13.71	162	147590	32.66	nq	98
47) 2-Nitroaniline	13.90	65	56044	36.17	nq	98
48) Acenaphthylene	14.55	152	245740	32.89	nq	99
49) Dimethylphthalate	14.27	163	208756	33.28	nq	97
50) 2,6-Dinitrotoluene	14.39	165	44649	37.33	nq	95
51) Acenaphthene	14.89	154	173404	36.30	nq	99
52) 3-Nitroaniline	14.72	138	23734	17.89	nq	98
53) 2,4-Dinitrophenol	14.93	184	36304	79.00	nq	88
54) Dibenzofuran	15.22	168	243722	37.37	nq	99
55) 4-Nitrophenol	15.03	139	96067	84.58	nq	97
56) 2,4-Dinitrotoluene	15.17	165	65205	40.33	nq	95
57) Fluorene	15.87	166	201035	34.51	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.44	232	57091	44.10	nq	99
59) Diethylphthalate	15.62	149	228601	34.91	nq	98
60) 4-Chlorophenyl-phenylether	15.85	204	96922	33.78	nq	95
61) 4-Nitroaniline	15.88	138	57255	39.22	nq	97
62) Azobenzene	16.14	77	207193	36.92	nq	97
64) 4,6-Dinitro-2-methylphenol	15.93	198	28741	38.31	nq	93
65) n-Nitrosodiphenylamine	16.07	169	185048	33.16	nq	94
66) 4-Bromophenyl-phenylether	16.74	248	65238	32.72	nq	97
67) Hexachlorobenzene	16.86	284	68395	32.50	nq	97
68) Atrazine	17.00	200	82787	37.56	nq	98
69) Pentachlorophenol	17.21	266	79803	66.42	nq	94
70) Phenanthrene	17.60	178	348128	33.94	nq	98
71) Anthracene	17.69	178	351316	33.74	nq	99
72) Carbazole	17.96	167	358077	36.85	nq	99
73) Di-n-butylphthalate	18.50	149	452910	36.64	nq	99
74) Fluoranthene	19.59	202	445986	36.42	nq	100
76) Benzidine	19.77	184	170555	24.14	nq	99
77) Pyrene	19.96	202	460304	35.18	nq	99
79) Butylbenzylphthalate	20.83	149	208936	34.40	nq	98
80) Benzo(a)anthracene	21.81	228	456324	34.94	nq	99
81) 3,3'-Dichlorobenzidine	21.72	252	82604	7.99	nq	98
82) Chrysene	21.88	228	418672	33.37	nq	100
83) Bis(2-ethylhexyl)phthalate	21.70	149	302653	34.07	nq	# 99
84) Di-n-octyl phthalate	22.95	149	525385	35.30	nq	98
85) Indeno(1,2,3-cd)pyrene	28.98	276	522763	35.05	nq	# 96
87) Benzo(b)fluoranthene	24.10	252	457931	34.67	nq	100
88) Benzo(k)fluoranthene	24.17	252	428604	33.18	nq	99
89) Benzo(a)pyrene	25.01	252	439087	34.31	nq	99
90) Dibenzo(a,h)anthracene	29.05	278	437814	34.12	nq	99
91) Benzo(g,h,i)perylene	30.18	276	429879	34.14	nq	97

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

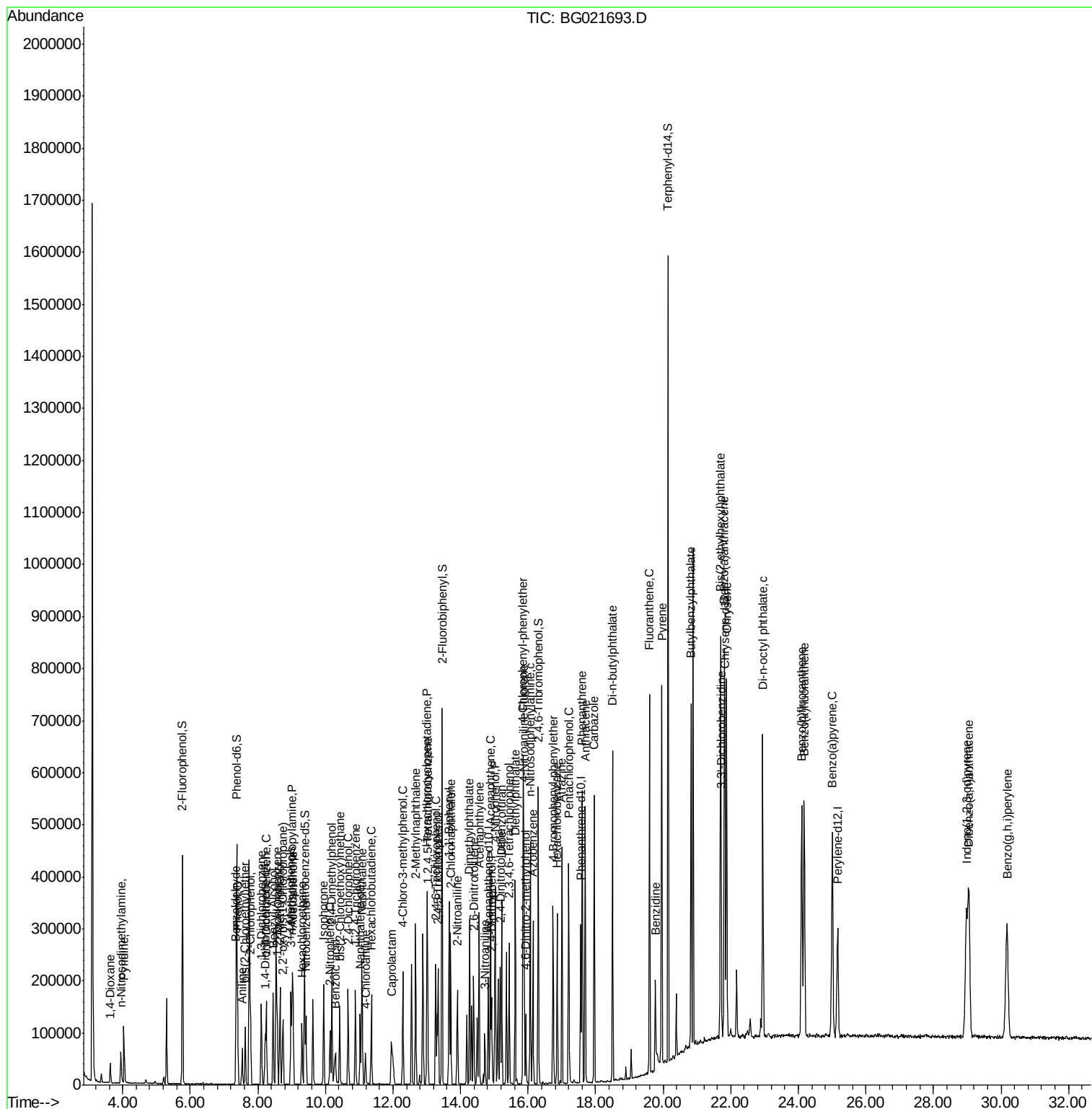
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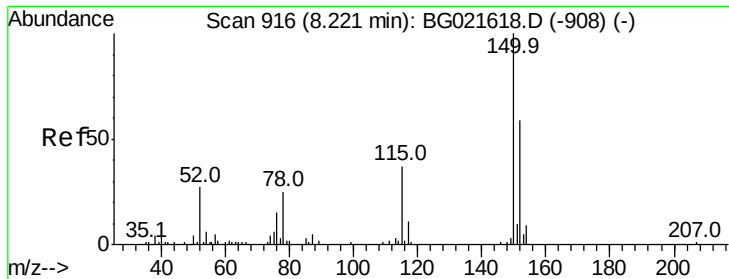
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#1

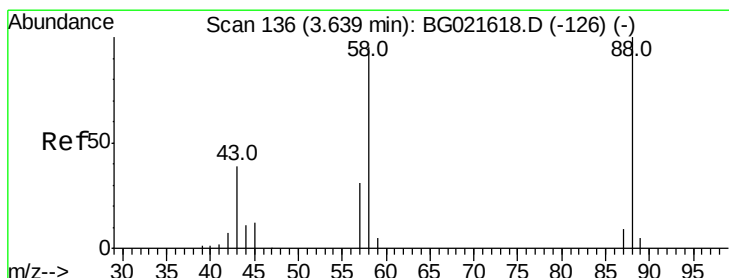
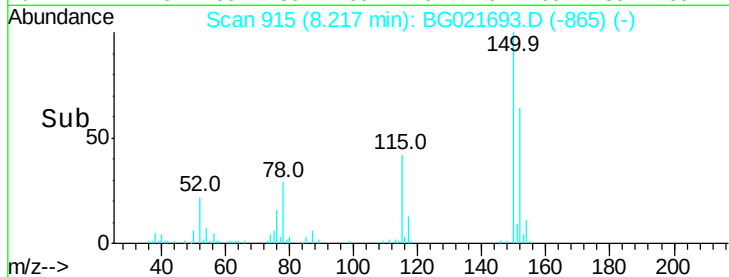
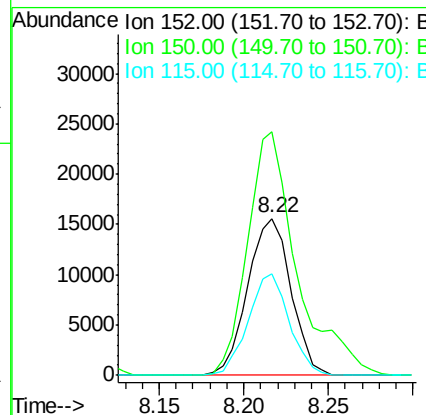
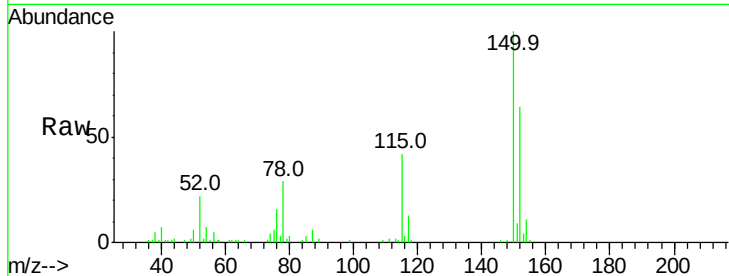
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.22 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Instrument :
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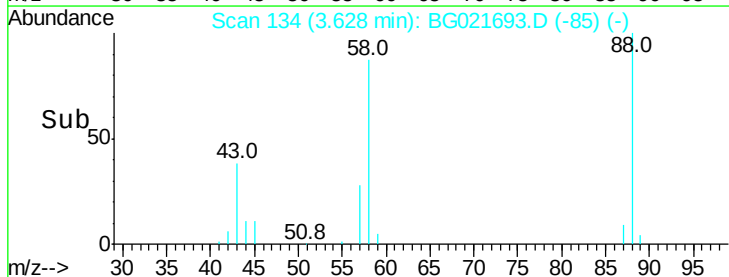
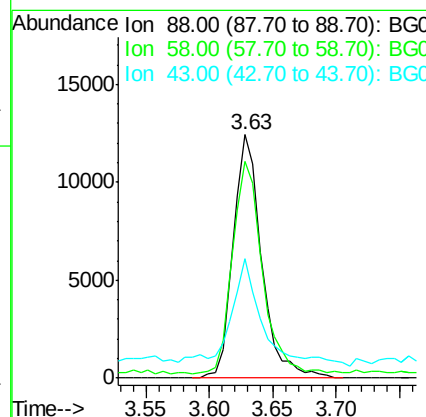
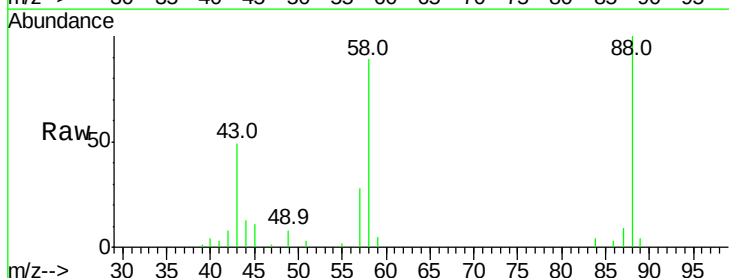
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	130.1	195.1
115	64.6	62.2	93.2

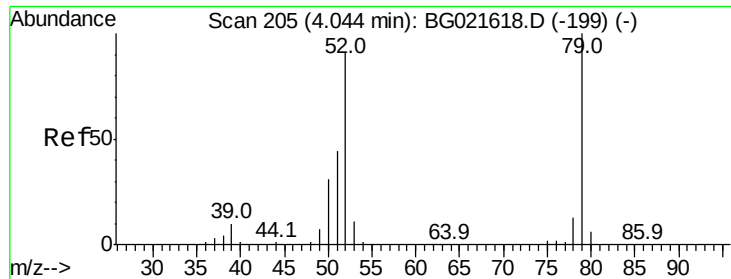


#2

1,4-Dioxane
Concen: 25.99 ng
RT: 3.63 min Scan# 134
Delta R.T. -0.01 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.0	61.8	92.8
43	40.6	27.3	40.9





#3

Pvridine

Concen: 26.86 ng

RT: 4.03 min Scan# 203

Delta R.T. -0.01 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

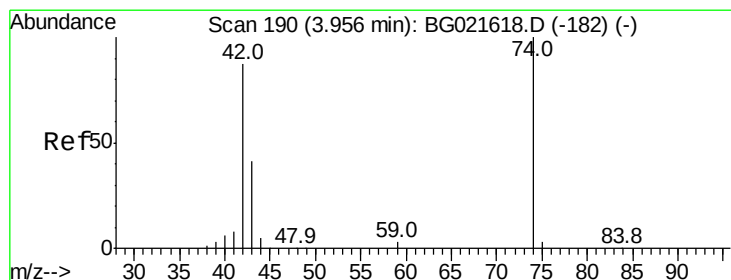
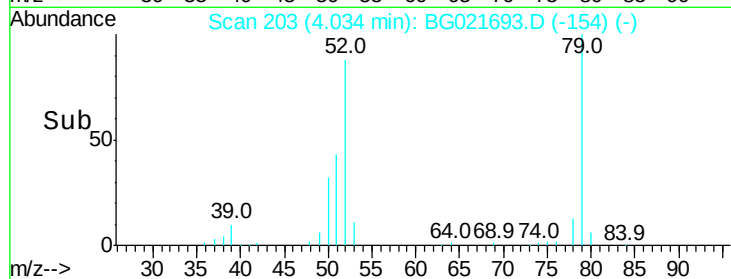
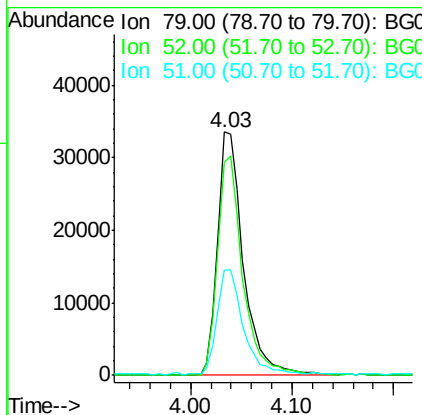
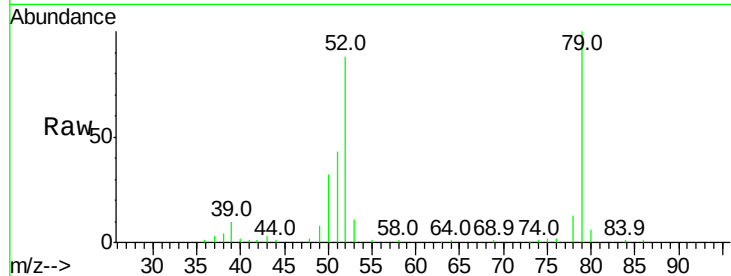
ClientSampleId :

PB89849BS

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Tot Ion:	79	Resp:	59555
Ion	Ratio	Lower	Upper
79	100		
52	87.5	77.2	115.8
51	43.4	42.5	63.7



#4

n-Nitrosodimethylamine

Concen: 29.53 ng

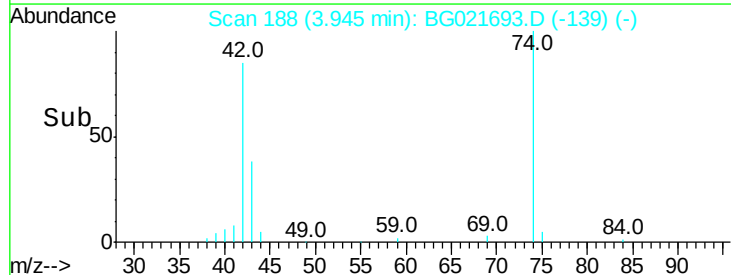
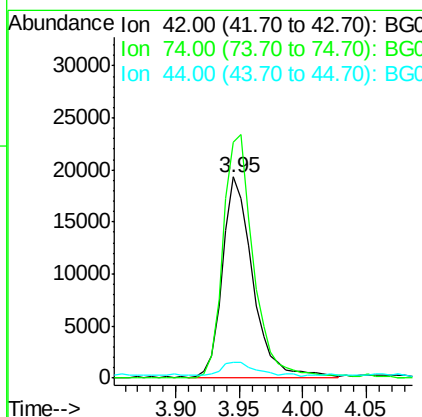
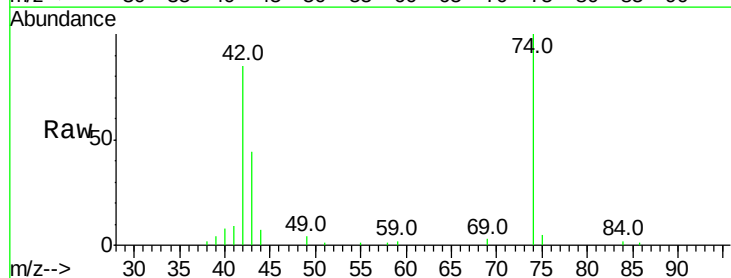
RT: 3.95 min Scan# 188

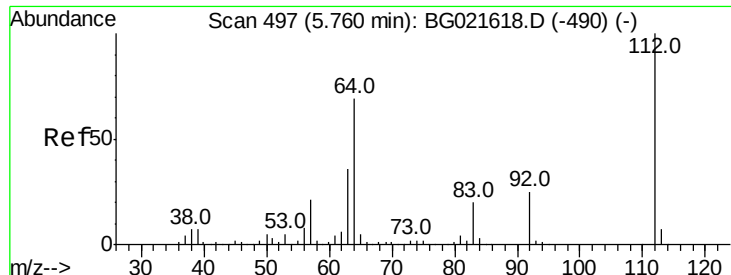
Delta R.T. -0.01 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Tgt Ion:	42	Resp:	32456
Ion	Ratio	Lower	Upper
42	100		
74	117.1	83.0	124.4
44	7.9	11.0	16.6#





#5

2-Fluorophenol

Concen: 114.73 ng

RT: 5.77 min Scan# 498

Delta R.T. 0.01 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

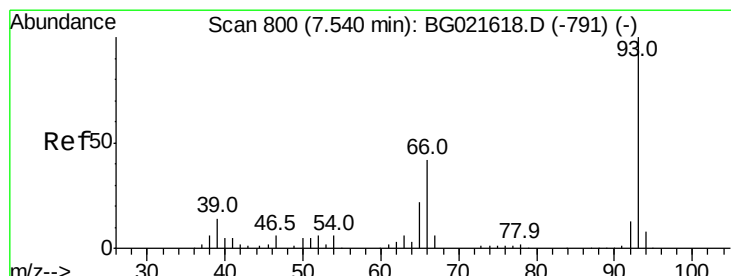
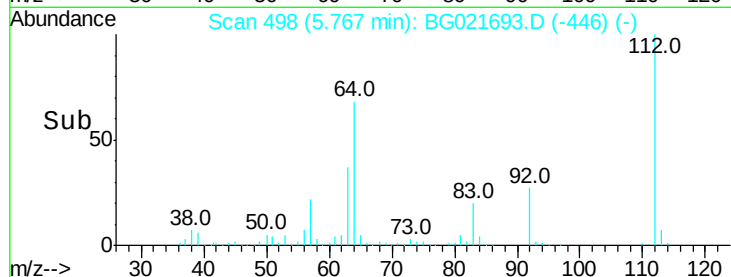
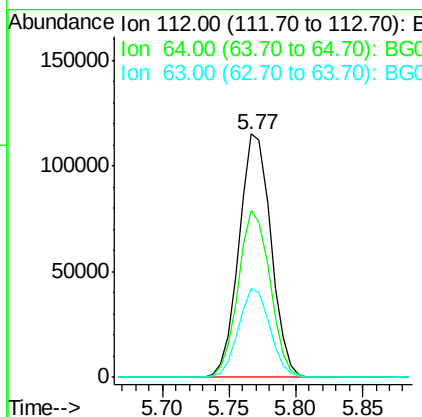
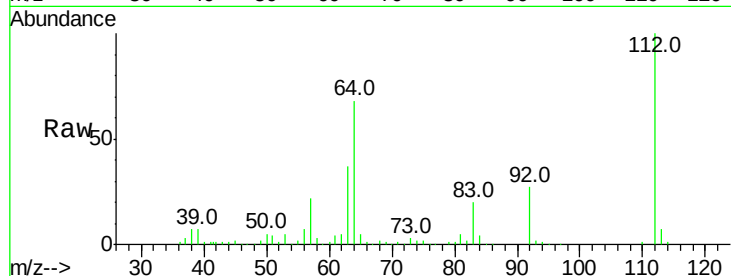
ClientSampleId :

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Tot Ion:	112	Resp:	190451
Ion Ratio	Lower	Upper	
112	100		
64	68.5	51.1	76.7
63	36.6	24.6	37.0

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#6

Aniline

Concen: 13.06 ng

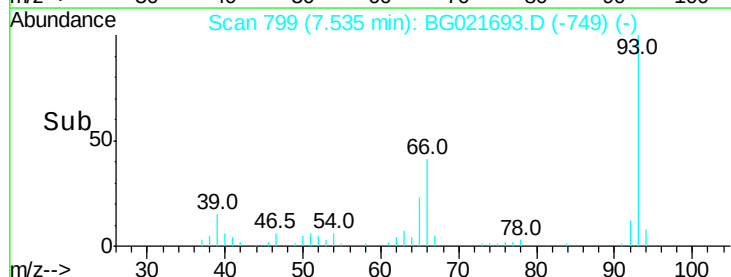
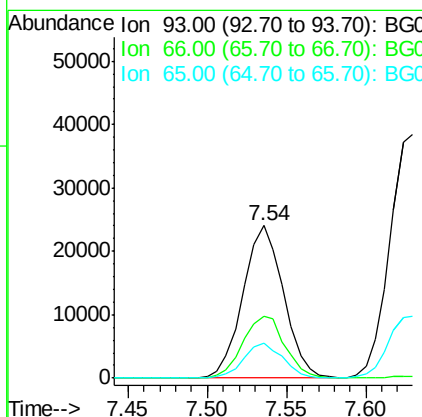
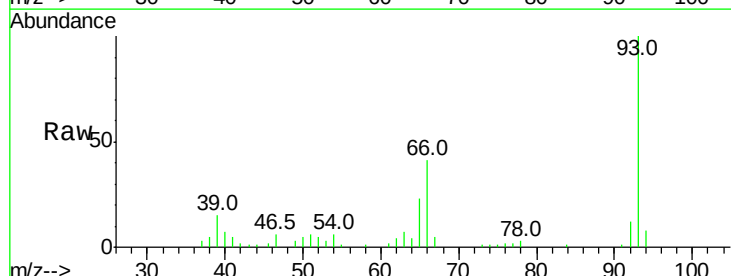
RT: 7.54 min Scan# 799

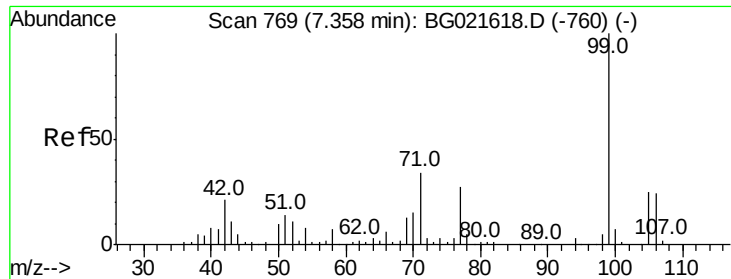
Delta R.T. -0.00 min

Lab File: BG021693.D

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Tgt Ion:	93	Resp:	42828
Ion Ratio	Lower	Upper	
93	100		
66	40.8	36.3	54.5
65	22.6	18.4	27.6





#7

Phenol-d6

Concen: 108.51 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

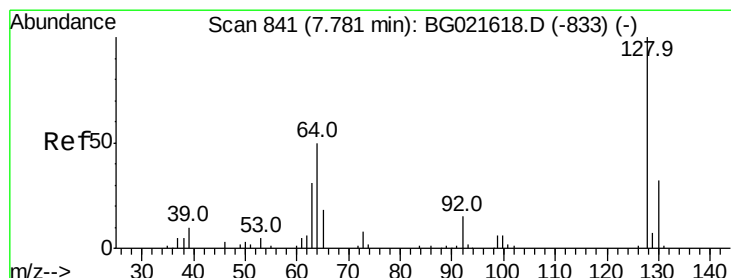
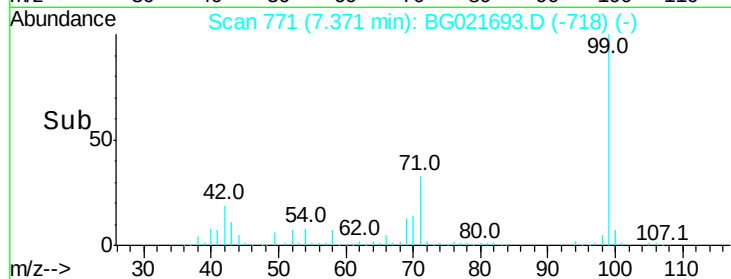
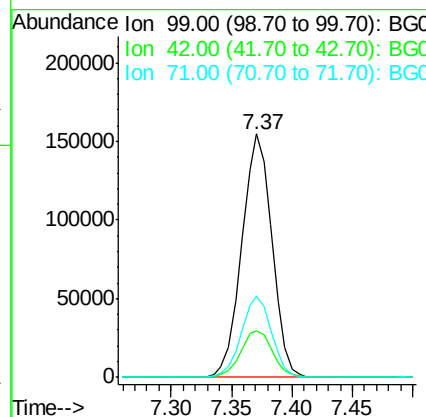
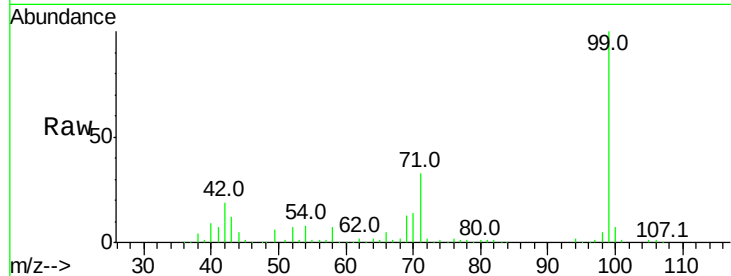
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Tot Ion:	99	Resp:	269049
Ion Ratio	Lower	Upper	
99	100		
42	19.2	16.4	24.6
71	33.4	25.0	37.4

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#8

2-Chlorophenol

Concen: 33.02 ng

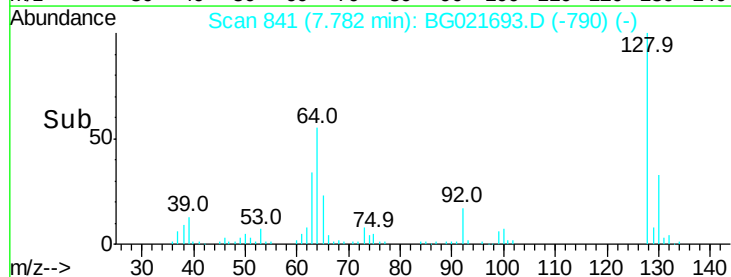
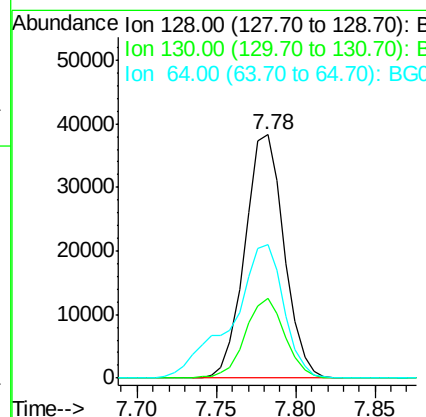
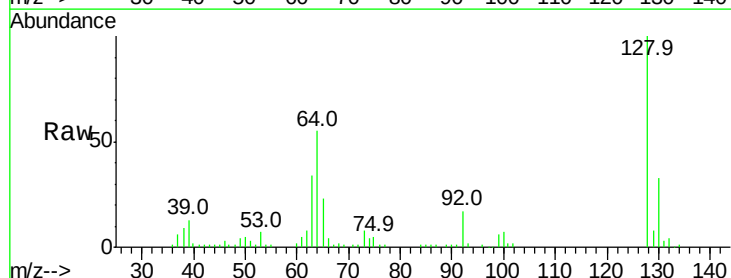
RT: 7.78 min Scan# 841

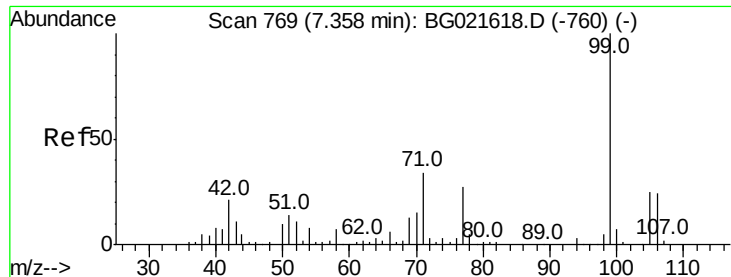
Delta R.T. 0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Tgt Ion:	128	Resp:	65710
Ion Ratio	Lower	Upper	
128	100		
130	32.9	11.2	51.2
64	54.8	39.8	79.8





#9

Benzaldehyde

Concen: 13.14 ng

RT: 7.35 min Scan# 767

Delta R.T. -0.01 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

ClientSampleID :

PB89849BS

Tot Ion: 77 Resp: 18837

Ion Ratio Lower Upper

77 100

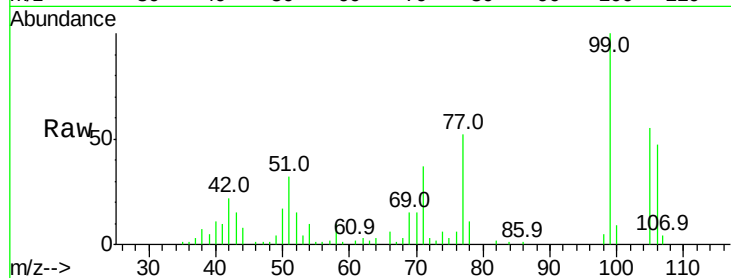
105 104.8 62.1 102.1#

106 89.4 65.6 105.6

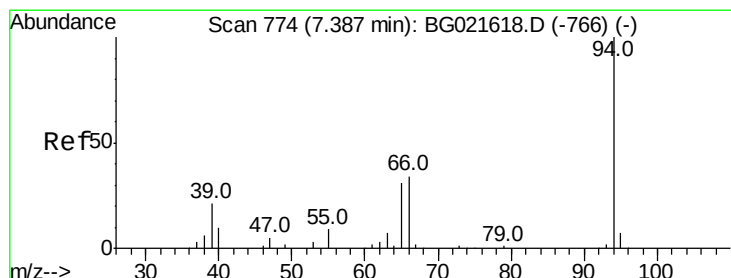
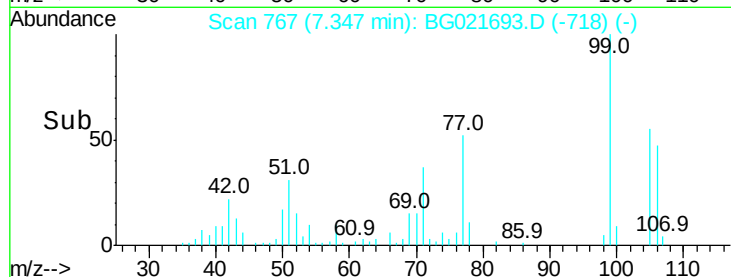
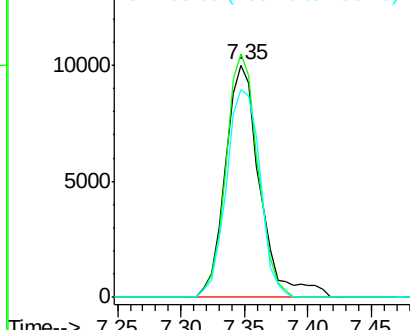
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 33.72 ng

RT: 7.40 min Scan# 776

Delta R.T. 0.01 min

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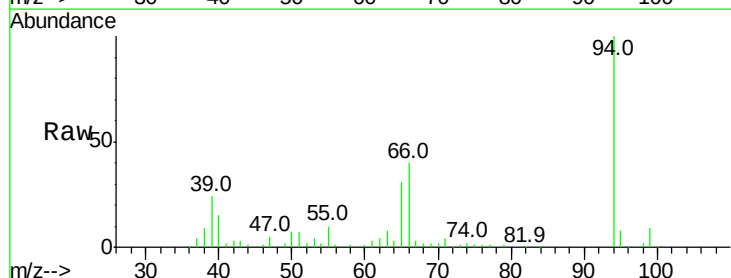
Tgt Ion: 94 Resp: 89938

Ion Ratio Lower Upper

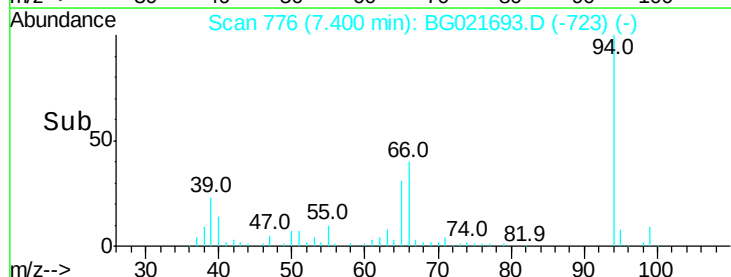
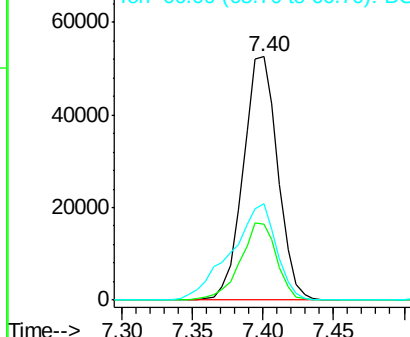
94 100

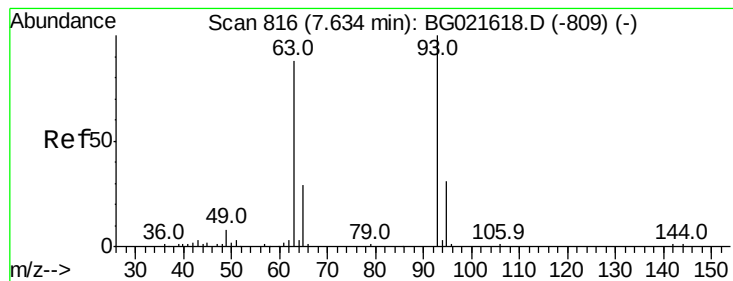
65 31.0 9.8 49.8

66 39.7 20.8 60.8



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





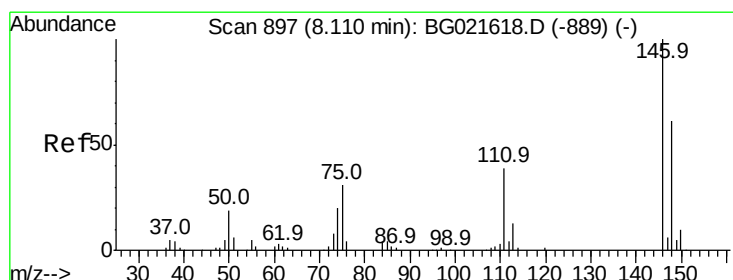
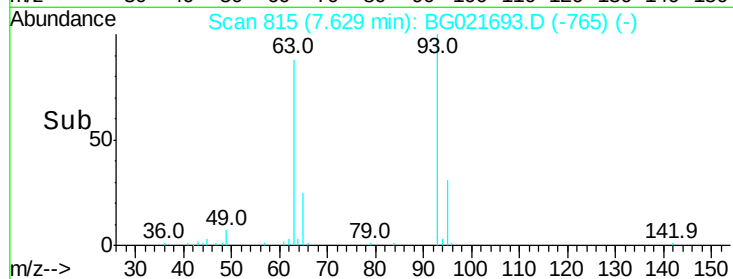
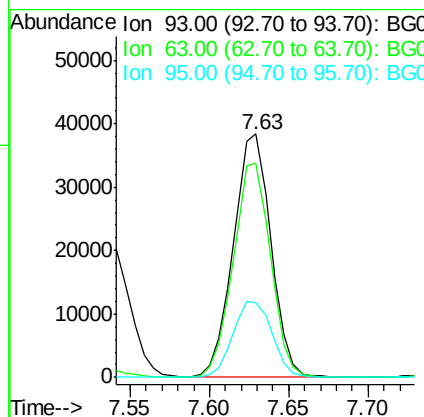
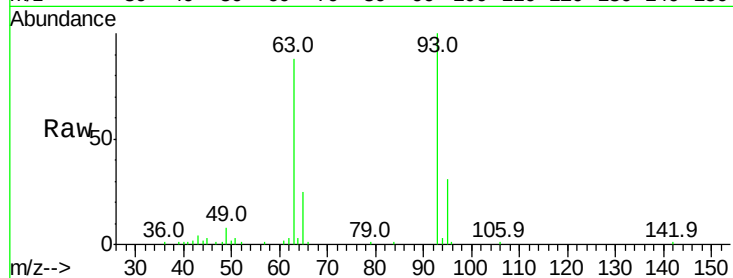
#11
bis(2-Chloroethyl)ether
Concen: 29.54 ng
RT: 7.63 min Scan# 815
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Instrument :
BNA_G
ClientSampled :
PB89849BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.2	74.9	114.9
95	30.6	8.3	48.3

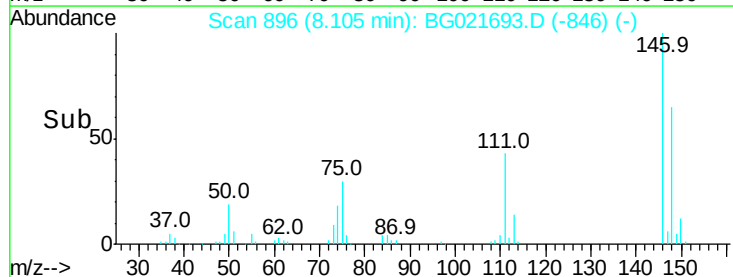
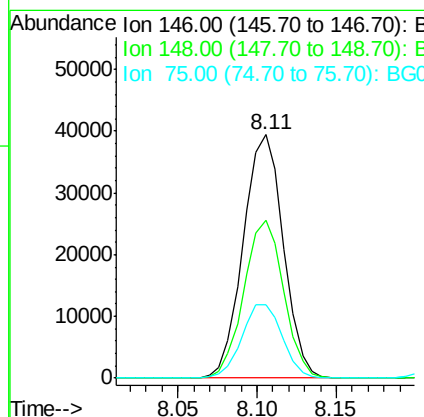
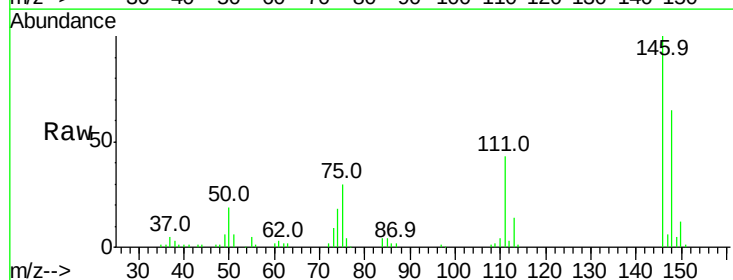
Manual Integrations
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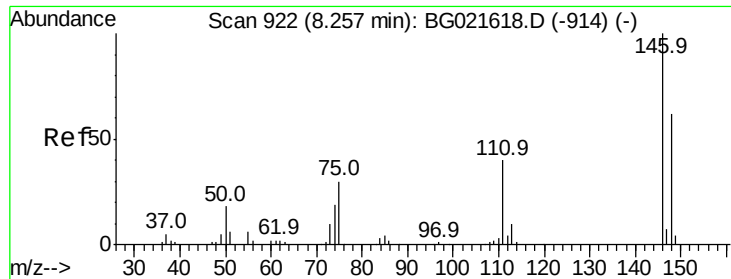
Sohil
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#12
1,3-Dichlorobenzene
Concen: 31.22 ng
RT: 8.11 min Scan# 896
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.7	80.5
75	30.2	27.4	41.0





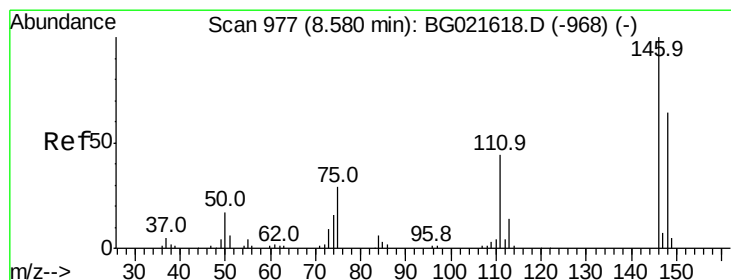
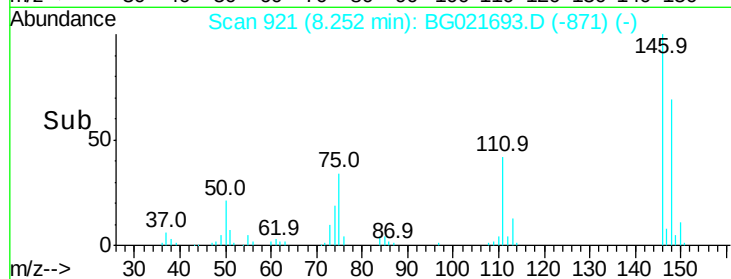
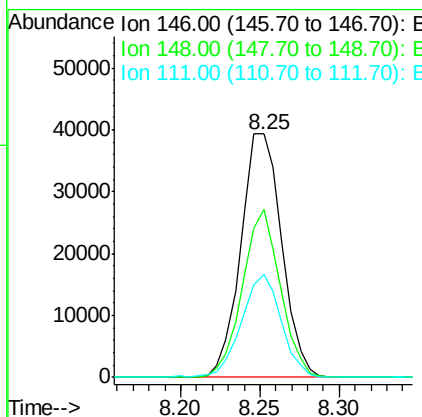
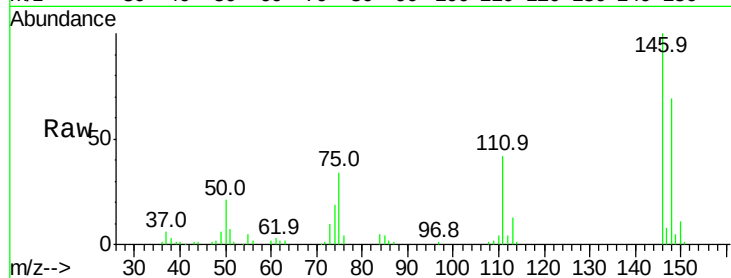
#13
 1,4-Dichlorobenzene
 Concen: 31.20 ng
 RT: 8.25 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Instrument :
 BNA_G
 ClientSampled :
 PB89849BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.2	46.7	70.1
111	42.4	33.0	49.6

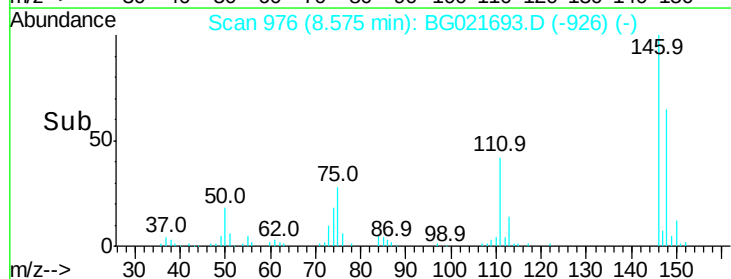
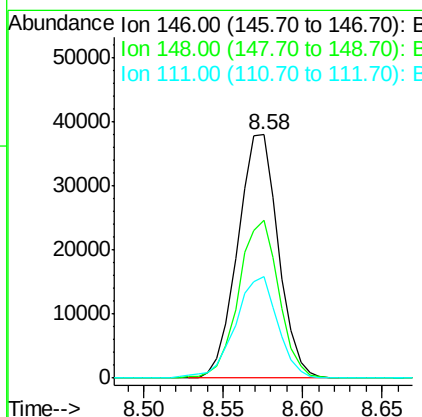
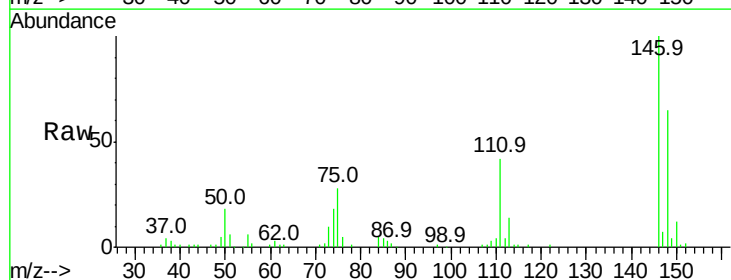
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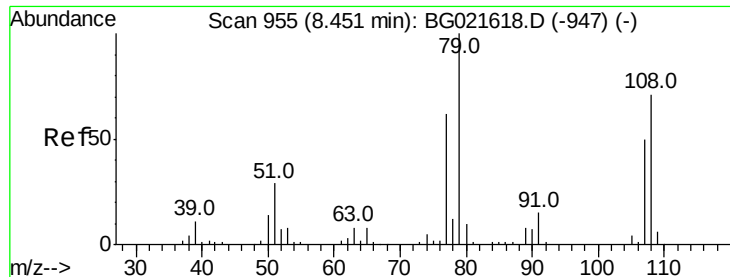
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#14
 1,2-Dichlorobenzene
 Concen: 31.11 ng
 RT: 8.58 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.6	79.0
111	41.9	36.1	54.1





#15

Benzyl Alcohol

Concen: 33.68 ng

RT: 8.45 min Scan# 955

Delta R.T. 0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB89849BS

Tot Ion: 79 Resp: 63831

Ion Ratio Lower Upper

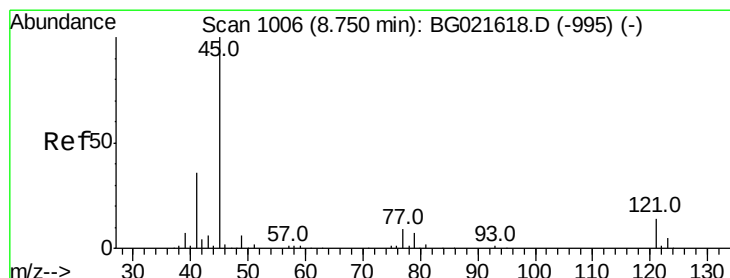
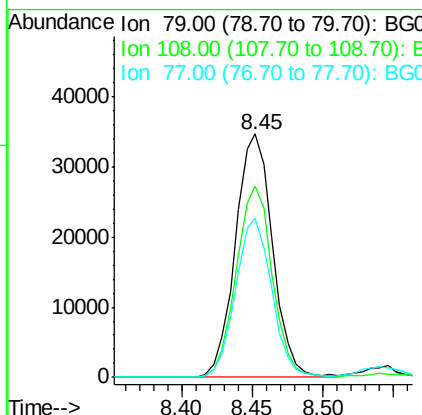
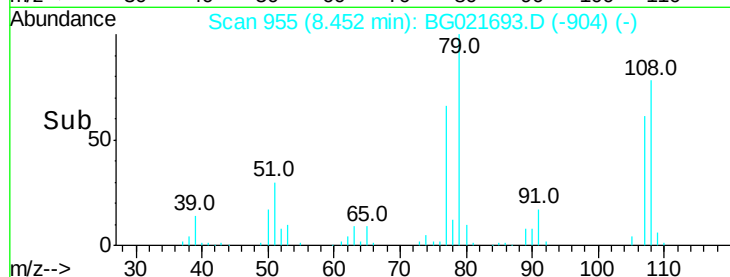
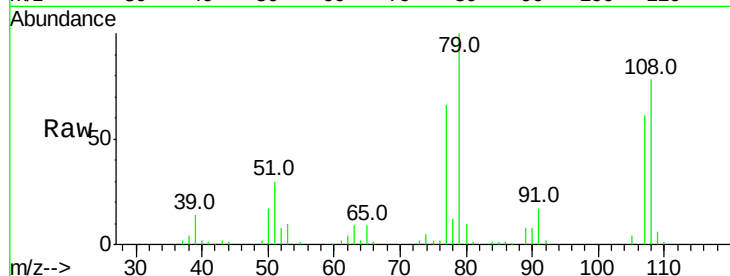
79 100

108 78.3 59.4 89.0

77 65.5 52.2 78.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.60 ng

RT: 8.75 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

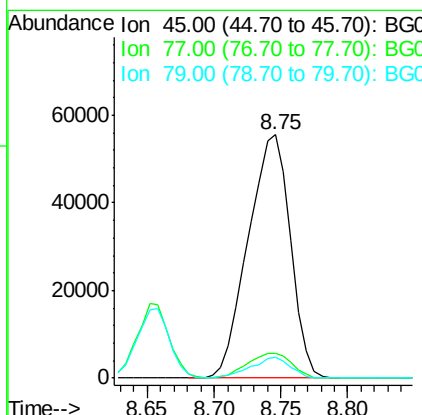
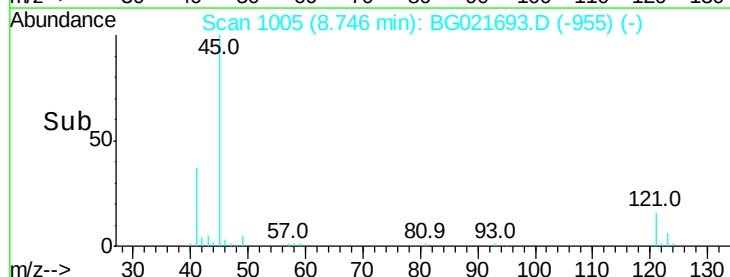
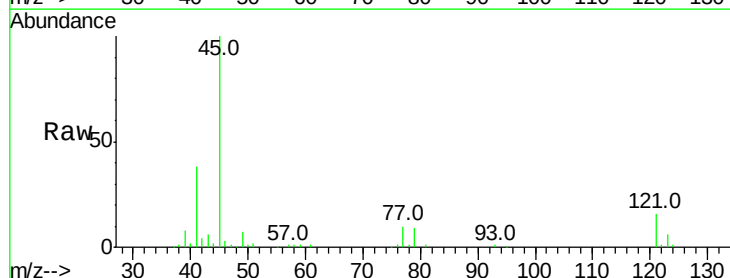
Tgt Ion: 45 Resp: 121597

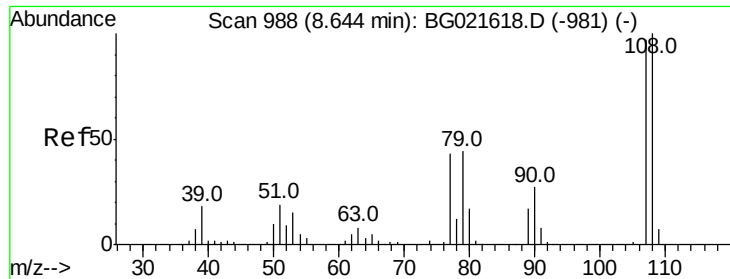
Ion Ratio Lower Upper

45 100

77 10.3 0.0 31.2

79 8.6 0.0 29.0





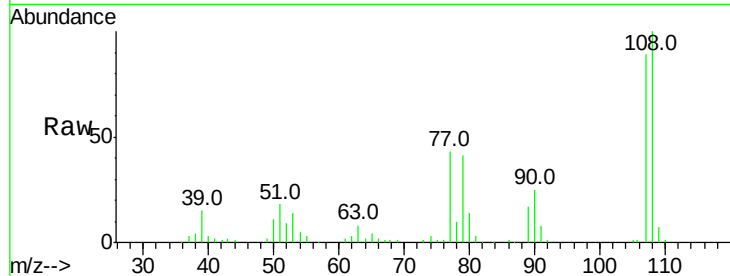
#17
2-Methylphenol
Concen: 33.16 ng
RT: 8.66 min Scan# 990
Delta R.T. 0.01 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB89849BS

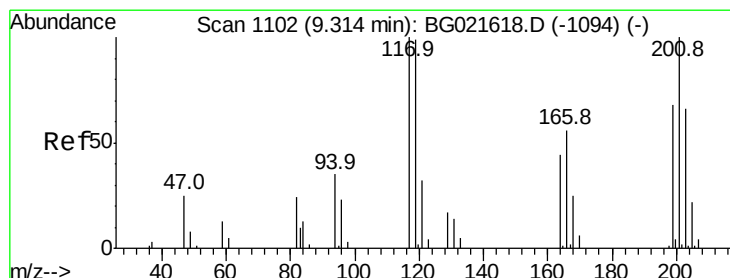
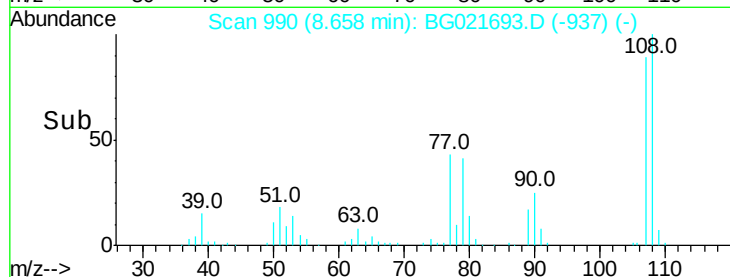
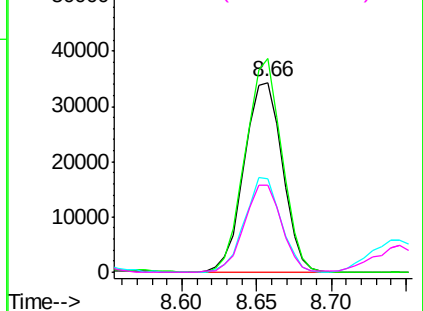
Tot Ion:	107	Resp:	61144
Ion Ratio	Lower	Upper	
107	100		
108	112.7	80.2	120.4
77	49.0	40.7	61.1
79	45.9	39.8	59.8

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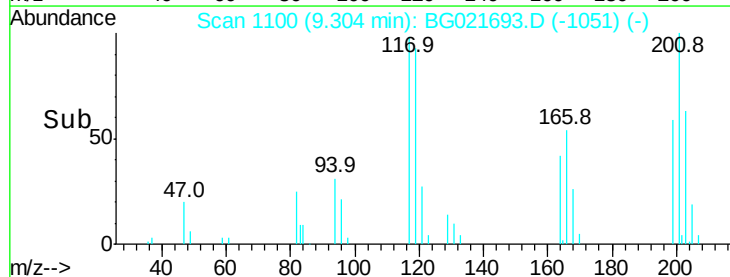
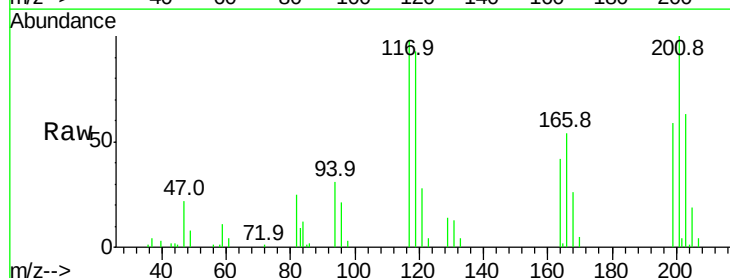
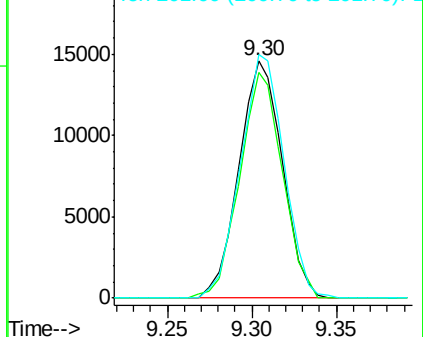
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

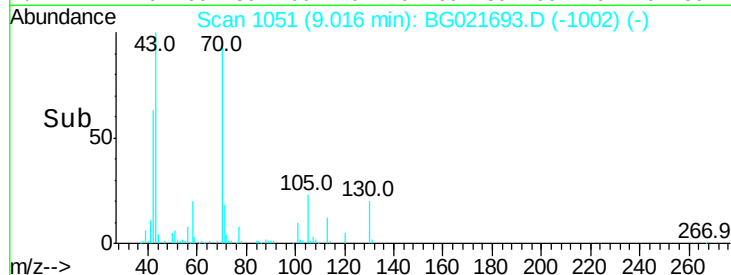
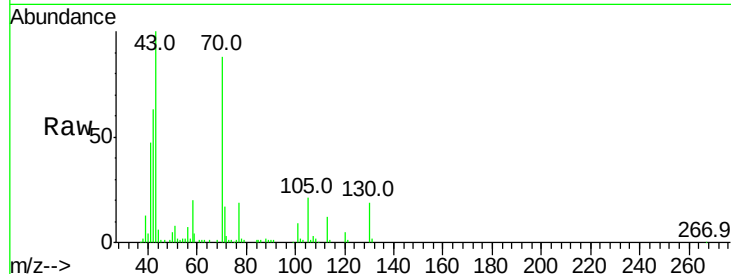
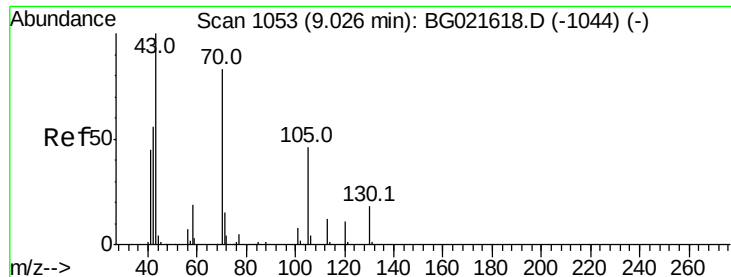


#18
Hexachloroethane
Concen: 31.63 ng
RT: 9.30 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion:	117	Resp:	26042
Ion Ratio	Lower	Upper	
117	100		
119	95.1	63.9	95.9
201	102.5	61.2	91.8#

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





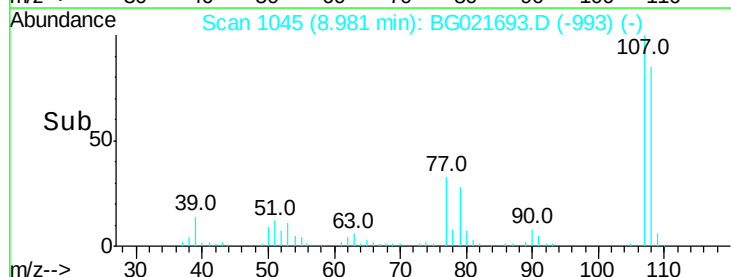
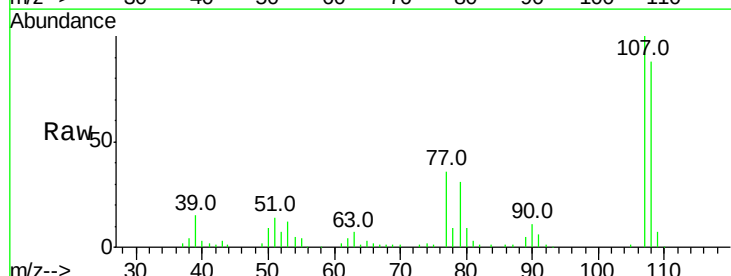
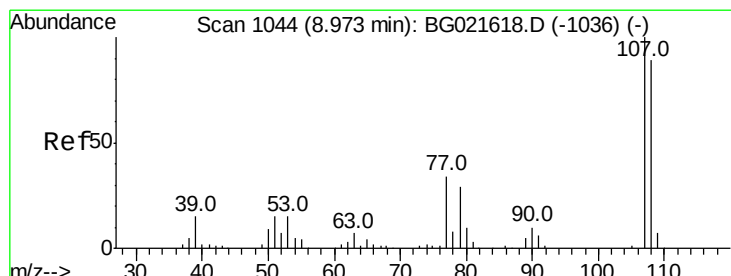
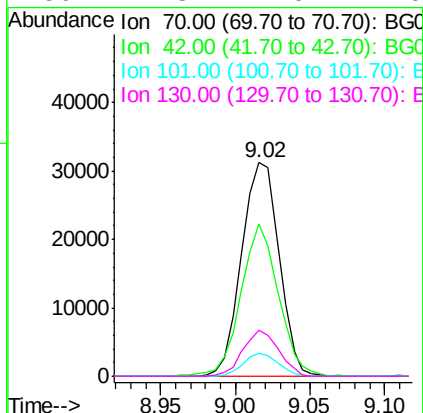
#19
n-Nitroso-di-n-propylamine
Concen: 28.24 ng
RT: 9.02 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB89849BS

Manual Integrations
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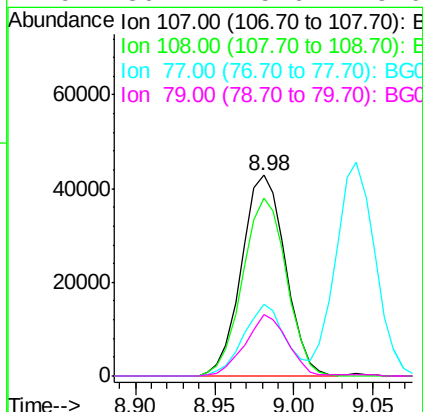
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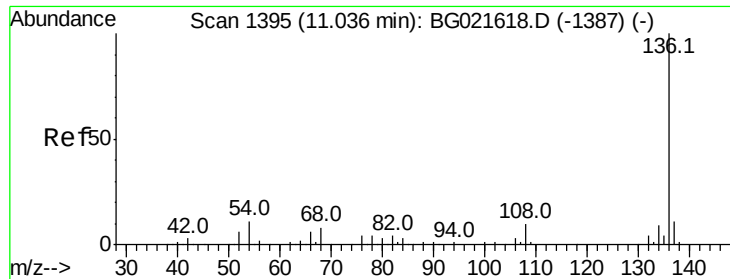
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	71.5	56.7	85.1		
101	10.7	8.2	12.4		
130	21.8	14.0	21.0#		



#20
3+4-Methylphenols
Concen: 32.62 ng
RT: 8.98 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.5	66.2	106.2		
77	35.6	11.5	51.5		
79	30.7	5.6	45.6		





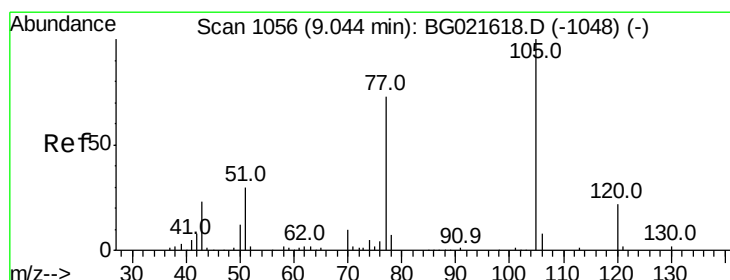
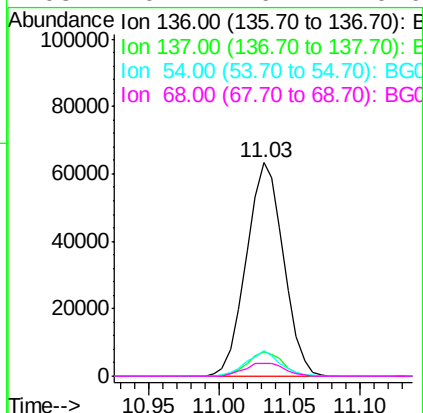
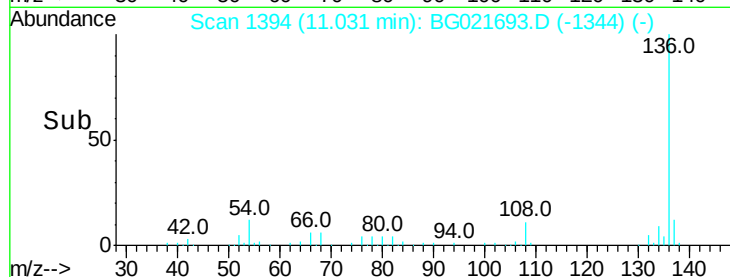
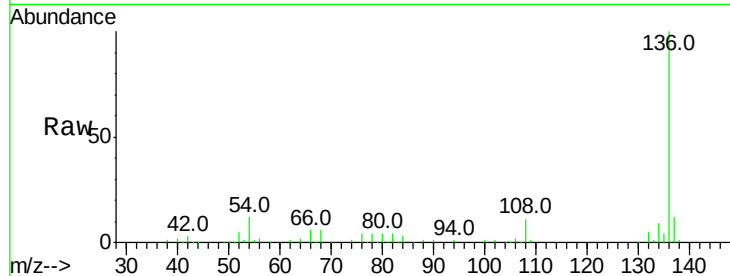
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Instrument :
BNA_G
ClientSampled :
PB89849BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.6	9.0	13.4
54	12.1	9.6	14.4
68	6.2	6.4	9.6#

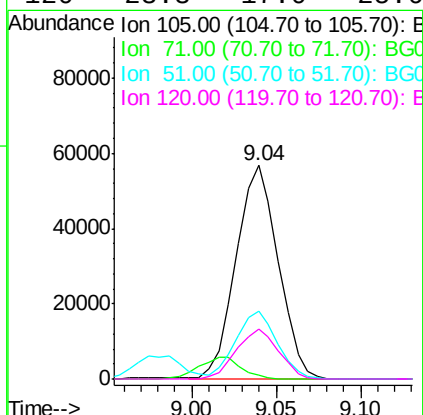
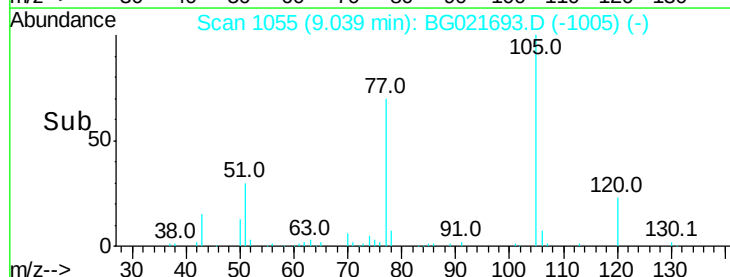
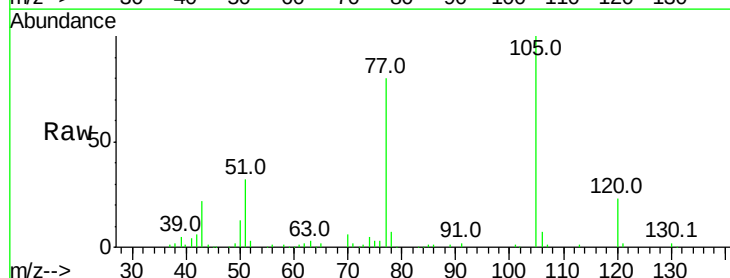
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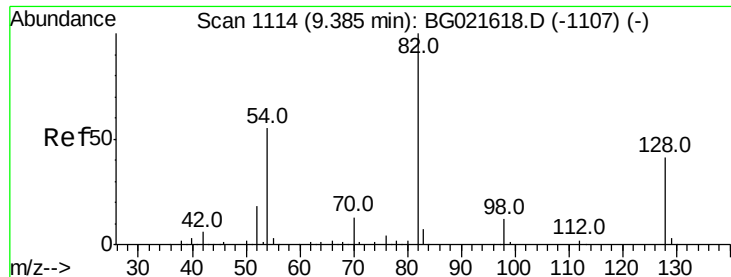
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#22
Acetophenone
Concen: 30.41 ng
RT: 9.04 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	1.7	0.0	0.0#
51	31.6	25.7	38.5
120	23.3	17.0	25.6





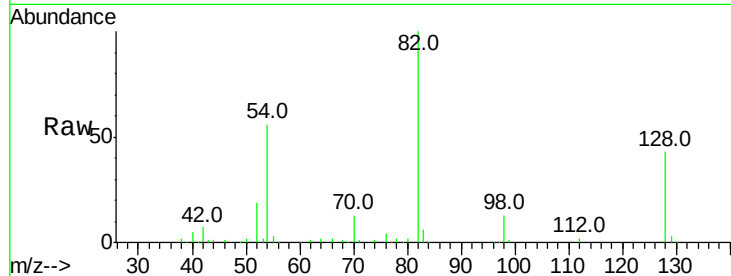
#23
 Nitrobenzene-d5
 Concen: 70.00 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB89849BS

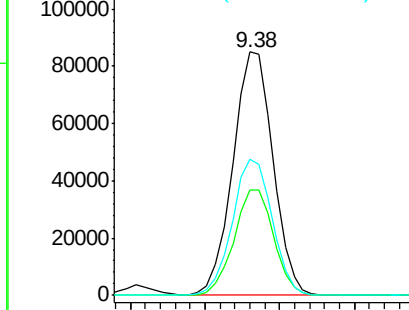
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.3	33.4	50.0	
54	55.7	46.1	69.1	

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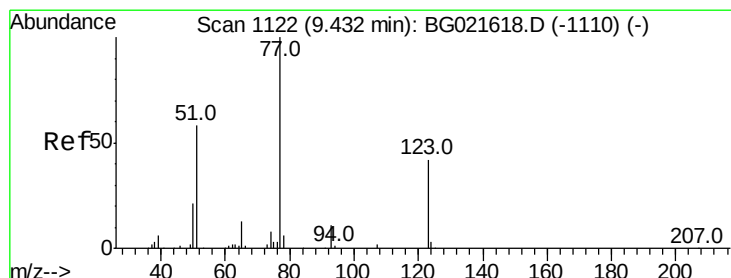
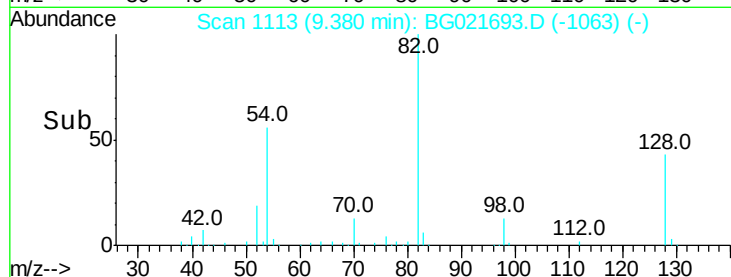
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Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

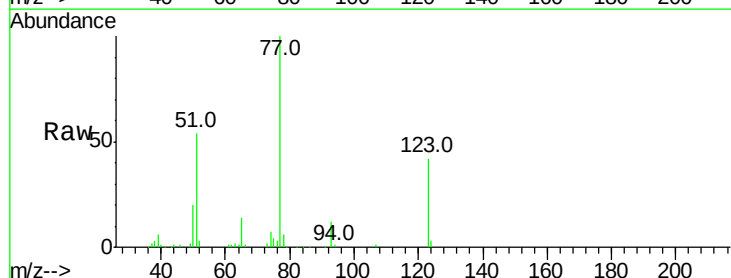


Time-->

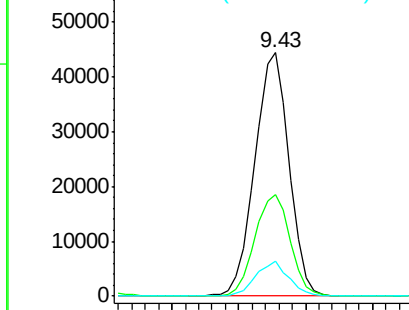


#24
 Nitrobenzene
 Concen: 32.30 ng
 RT: 9.43 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

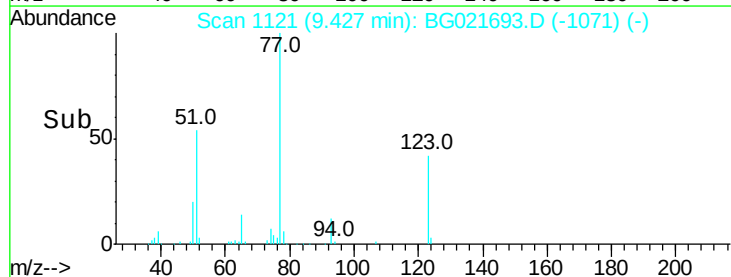
Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.7	32.2	48.4	
65	14.2	10.3	15.5	

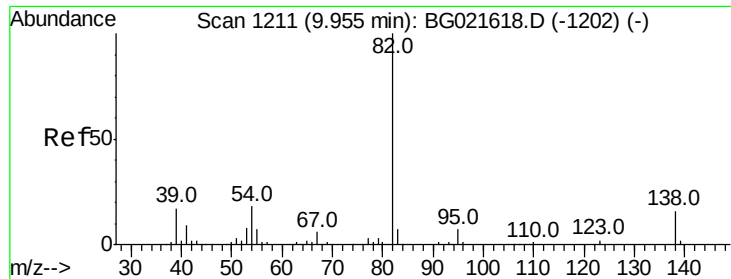


Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC



Time-->





#25

Isophorone

Concen: 30.13 ng

RT: 9.95 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

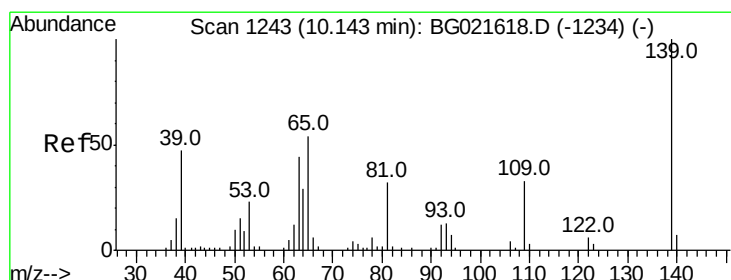
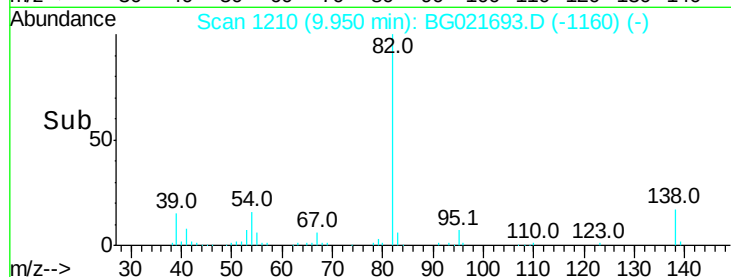
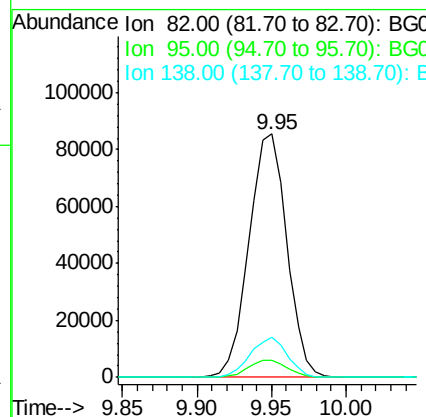
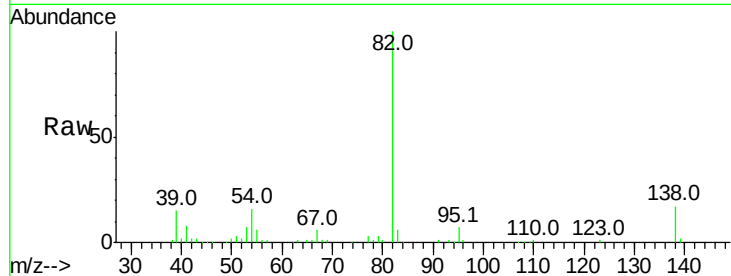
ClientSampleId :

PB89849BS

Tot Ion:	82	Resp:	149560
Ion Ratio	Lower	Upper	
82	100		
95	6.8	6.0	9.0
138	16.5	13.4	20.0

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#26

2-Nitrophenol

Concen: 38.82 ng

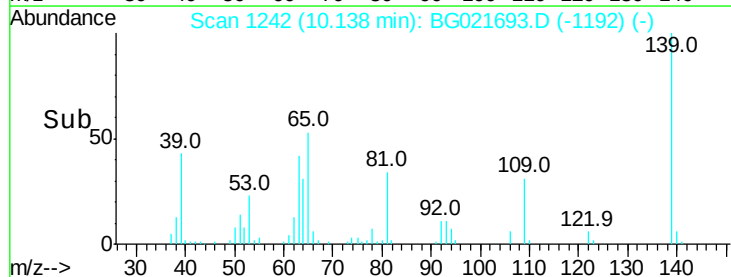
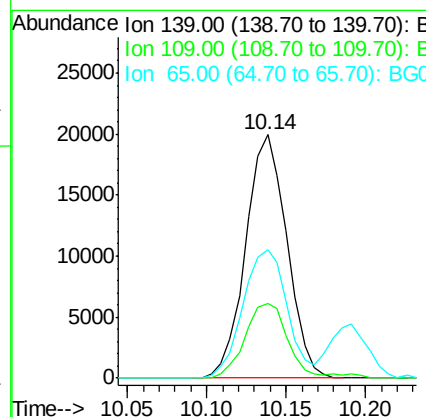
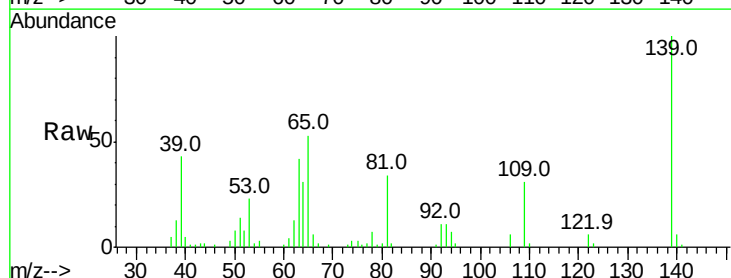
RT: 10.14 min Scan# 1242

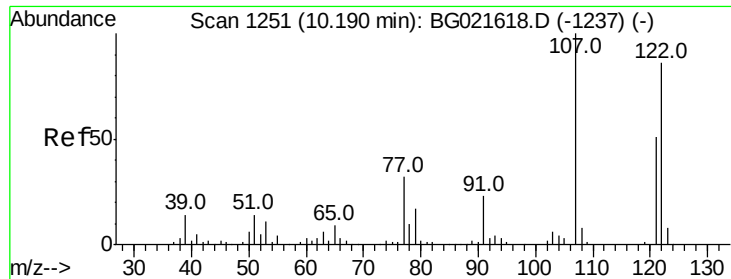
Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Tgt Ion:	139	Resp:	35995
Ion Ratio	Lower	Upper	
139	100		
109	30.7	26.6	40.0
65	52.6	45.3	67.9





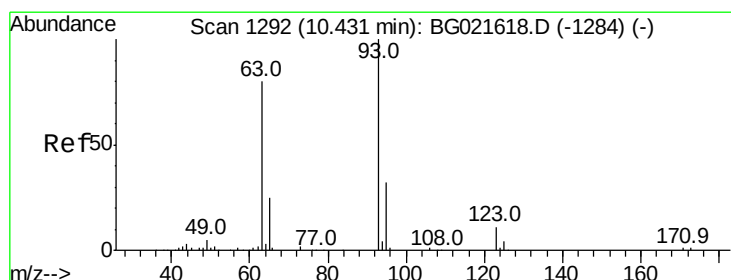
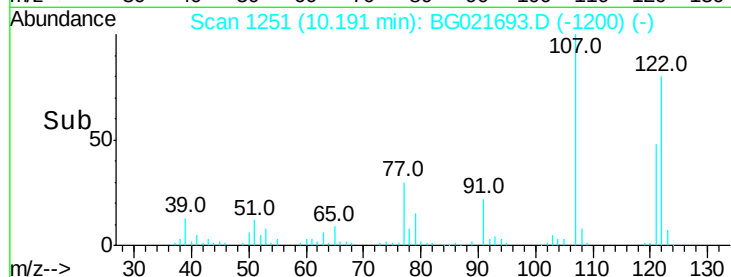
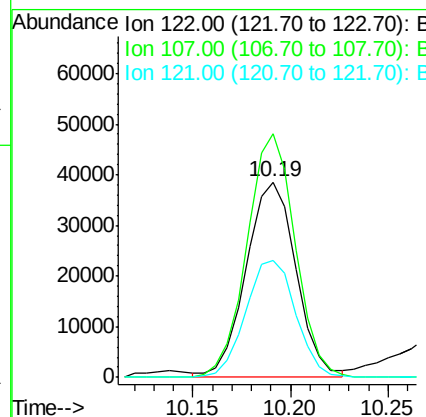
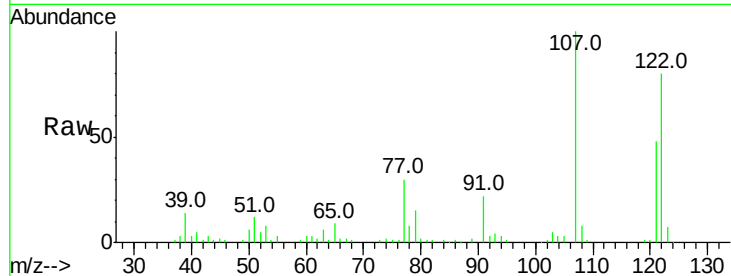
#27
 2,4-Dimethylphenol
 Concen: 32.48 ng
 RT: 10.19 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB89849BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	68413		
107	124.7		97.2	145.8
121	60.2		49.0	73.4

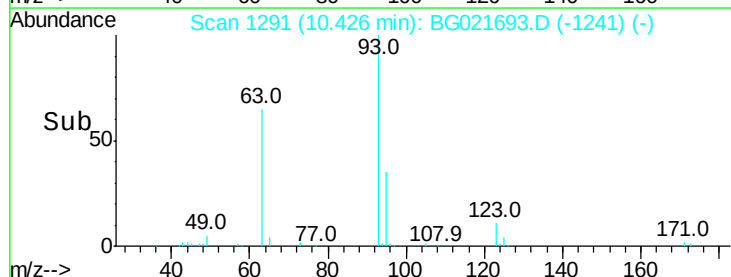
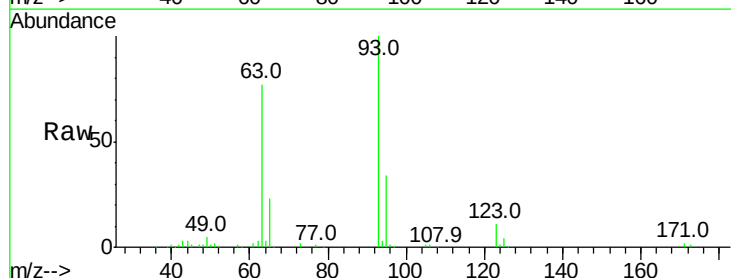
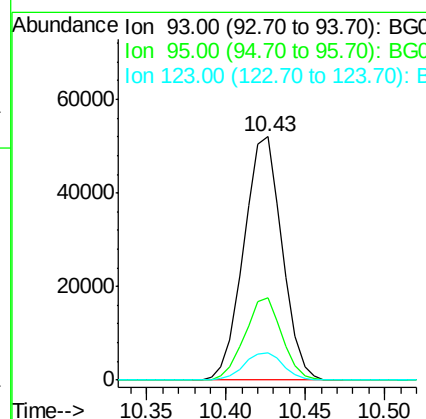
Manual Integrations
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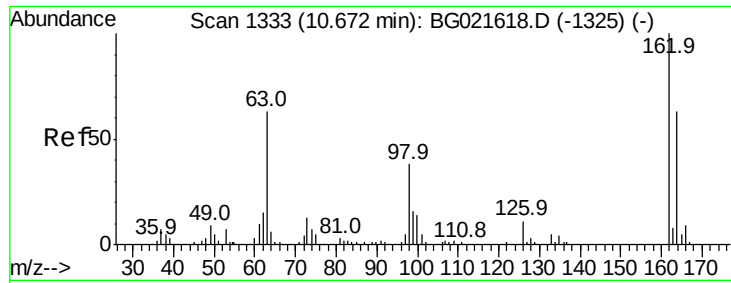
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 33.03 ng
 RT: 10.43 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	87115		
95	34.0		30.1	45.1
123	11.3		10.2	15.4





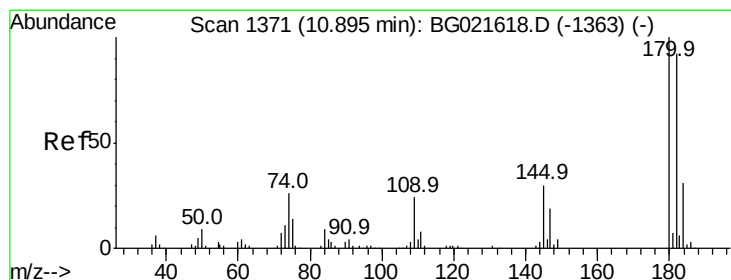
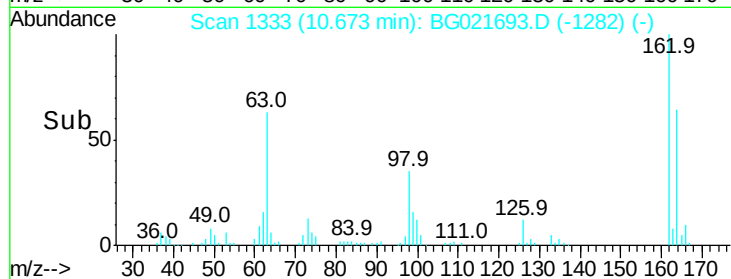
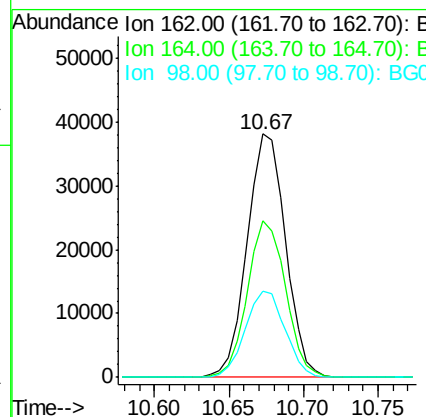
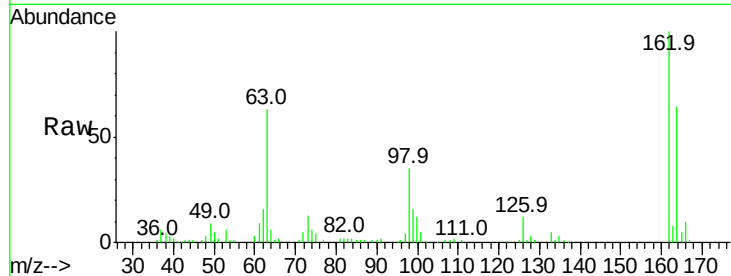
#29
 2,4-Dichlorophenol
 Concen: 37.79 ng
 RT: 10.67 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB89849BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	67855		
164	64.5		44.9	84.9
98	35.2		19.2	59.2

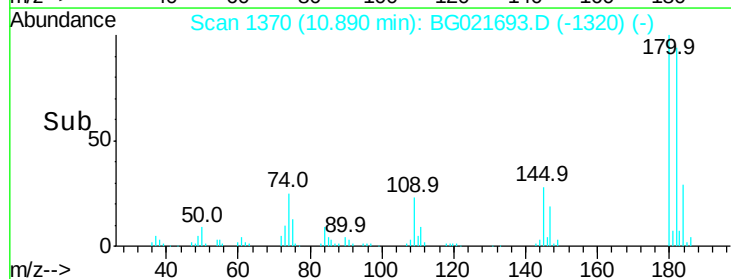
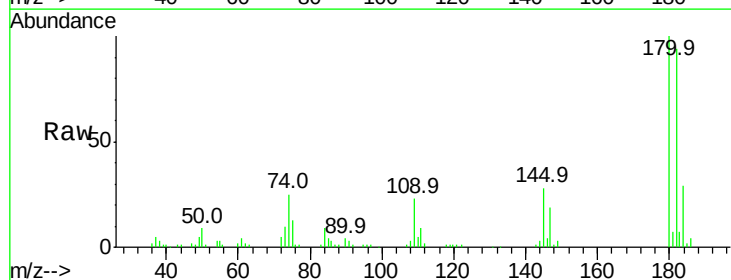
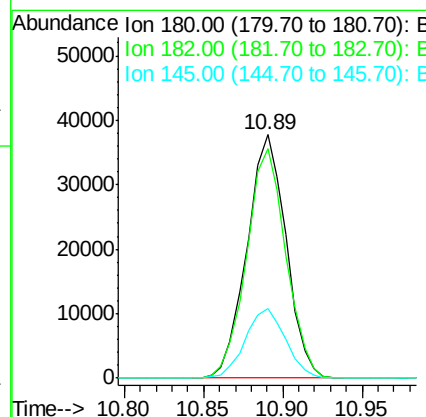
Manual Integrations
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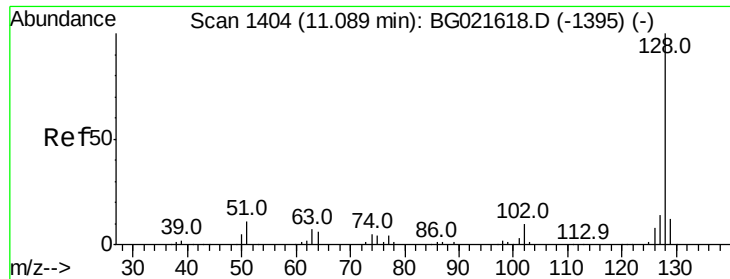
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#30
 1,2,4-Trichlorobenzene
 Concen: 33.56 ng
 RT: 10.89 min Scan# 1370
 Delta R.T. -0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	64792		
182	94.5		82.3	123.5
145	28.4		24.4	36.6





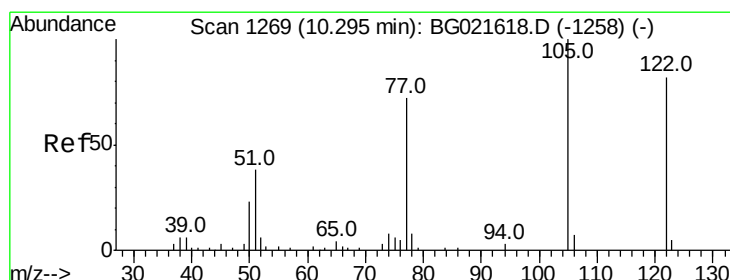
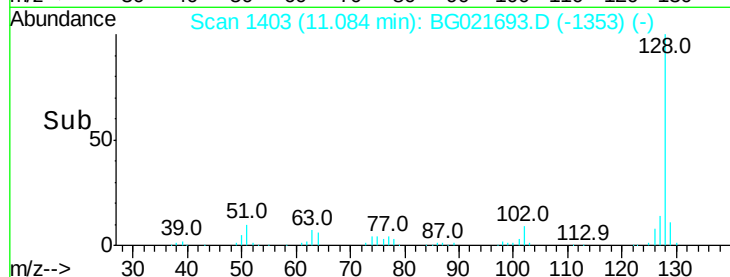
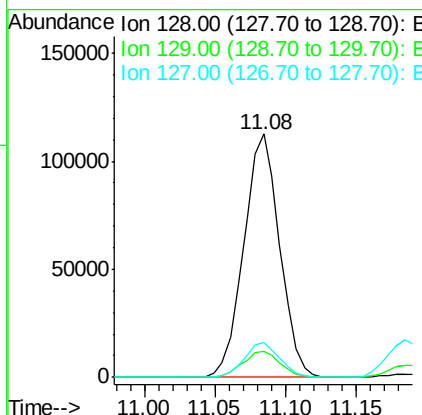
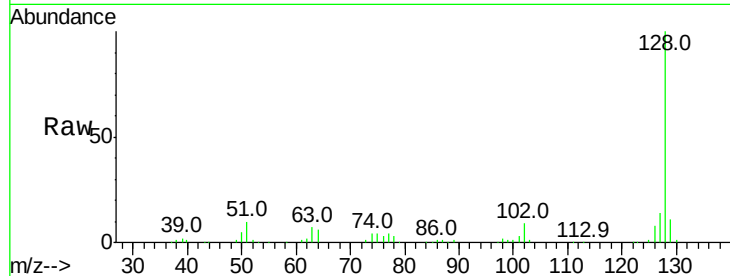
#31
Naphthalene
Concen: 32.02 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB89849BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	199742		
129	10.9	7.0	10.6	
127	14.1	10.1	15.1	

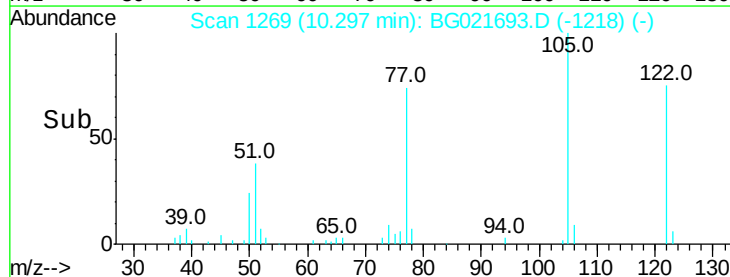
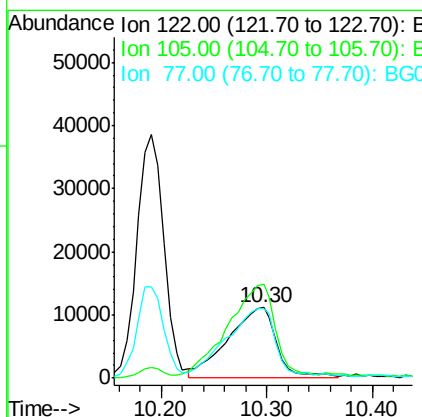
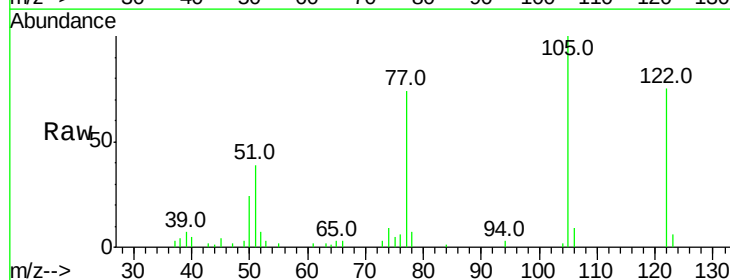
Manual Integrations
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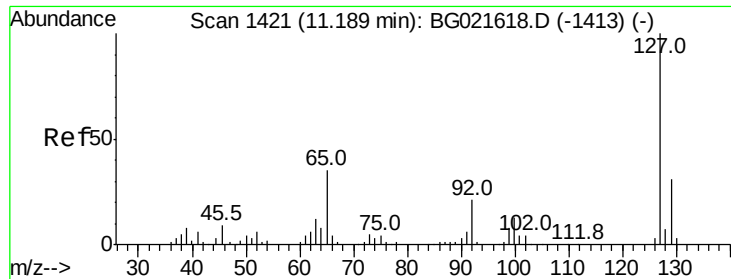
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#32
Benzoic acid
Concen: 33.85 ng
RT: 10.30 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	36355		
105	132.9	104.5	144.5	
77	98.0	79.9	119.9	





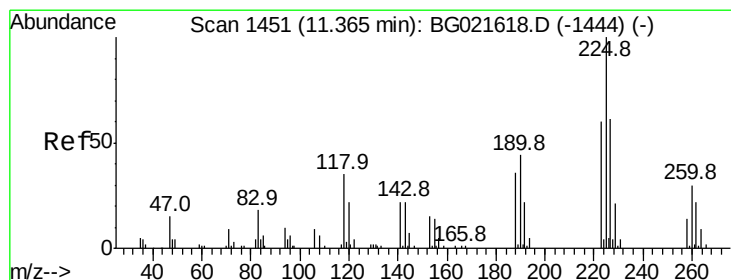
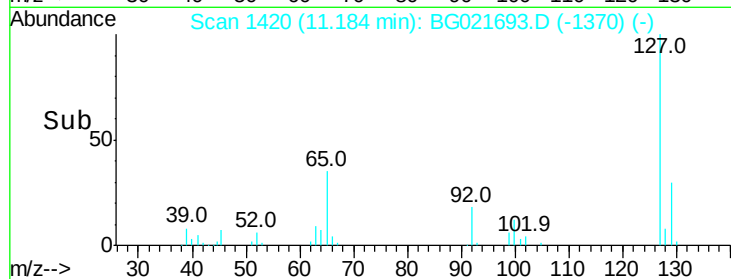
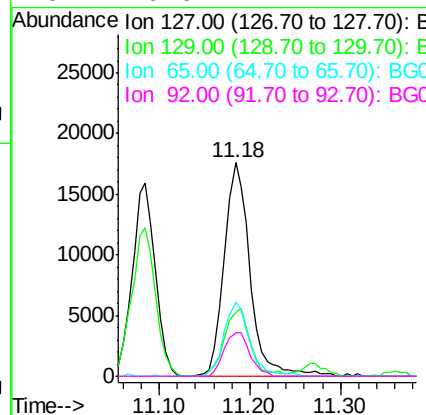
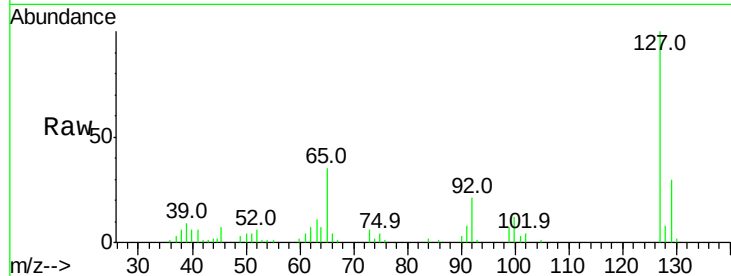
#33
4-Chloroaniline
Concen: 12.90 ng
RT: 11.18 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Instrument :
BNA_G
ClientSampled :
PB89849BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.8	26.6	39.8		
65	34.9	27.5	41.3		
92	20.6	14.7	22.1		

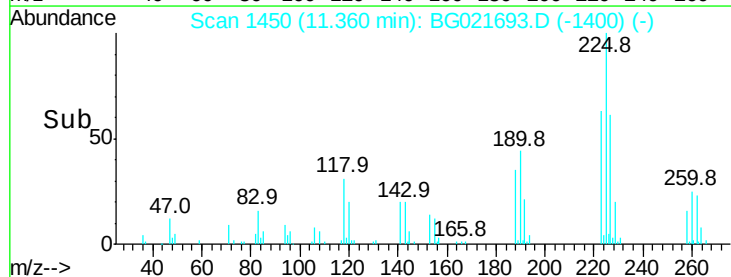
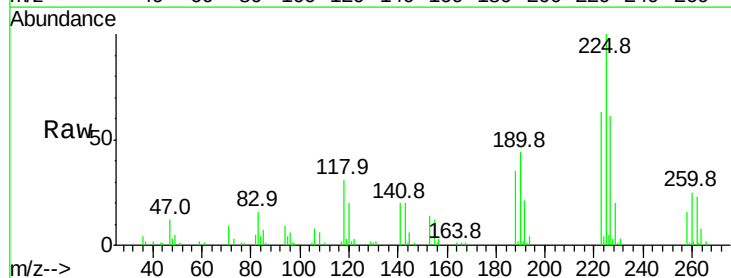
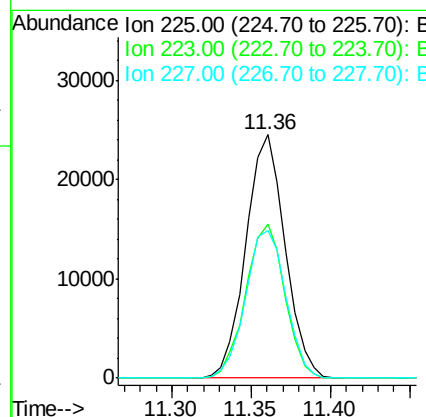
Manual Integrations
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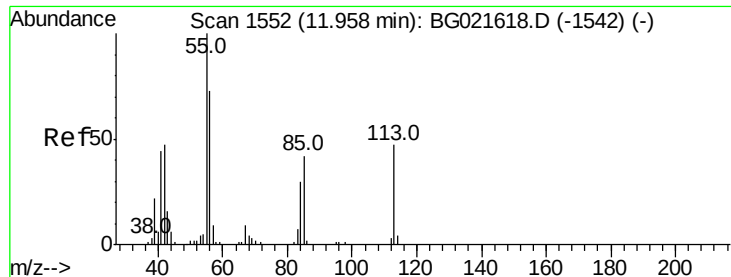
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#34
Hexachlorobutadiene
Concen: 33.85 ng
RT: 11.36 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	52.7	79.1		
227	60.5	49.7	74.5		





#35

Caprolactam

Concen: 35.36 ng/ml

RT: 11.95 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

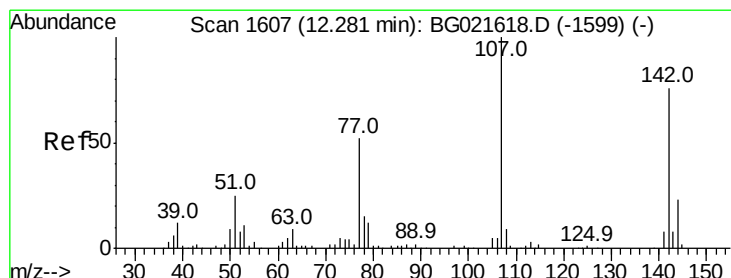
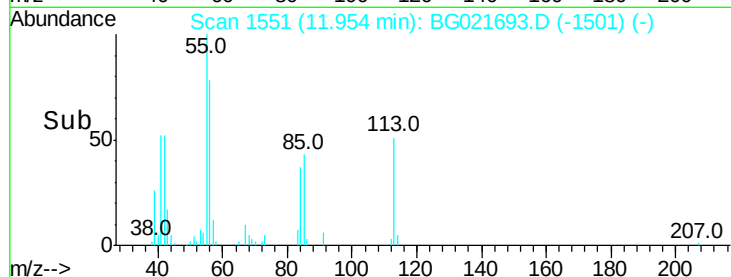
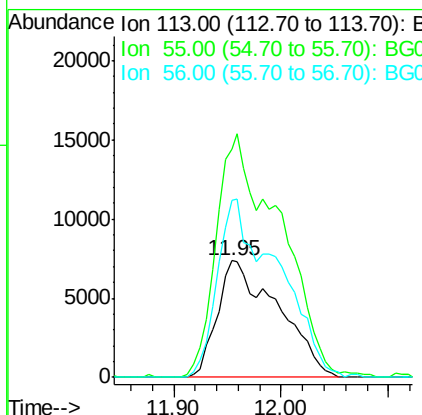
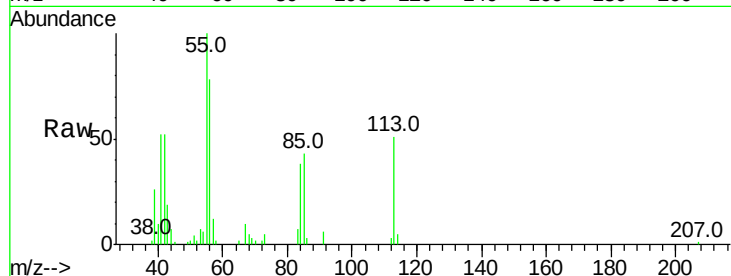
ClientSampled :

PB89849BS

Tot Ion:	113	Resp:	29050
Ion Ratio	Lower	Upper	
113	100		
55	195.6	194.2	234.2
56	151.9	122.6	162.6

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 35.44 ng/ml

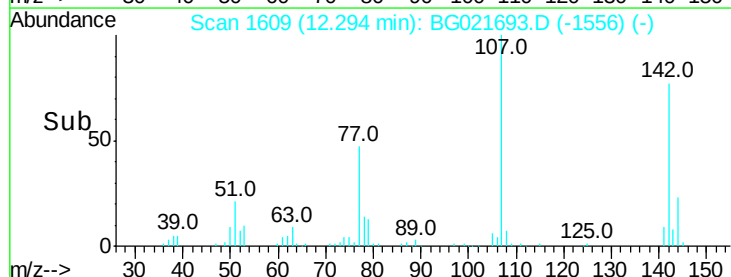
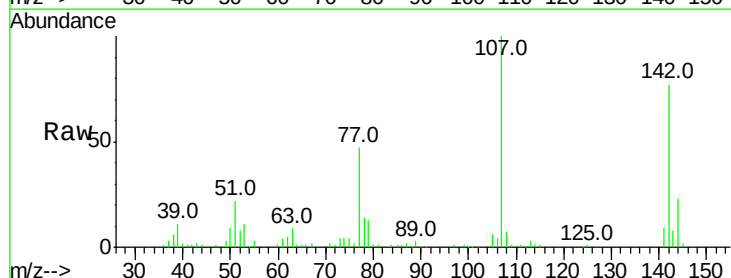
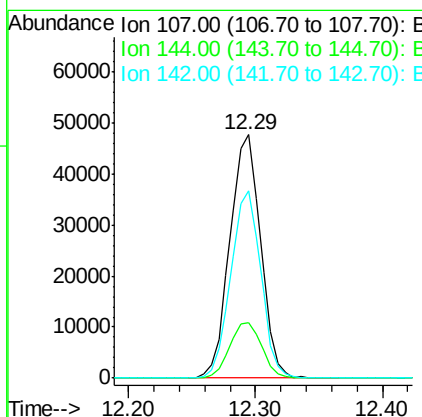
RT: 12.29 min Scan# 1609

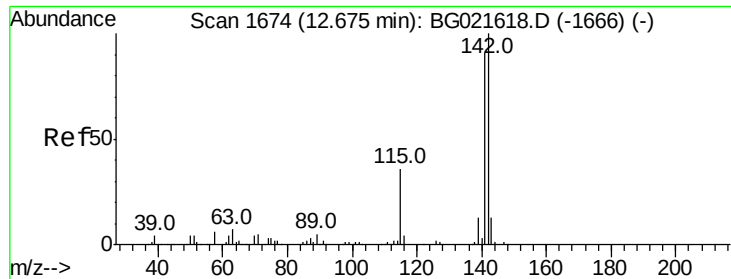
Delta R.T. 0.01 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Tgt Ion:	107	Resp:	80021
Ion Ratio	Lower	Upper	
107	100		
144	23.0	19.2	28.8
142	76.9	59.1	88.7





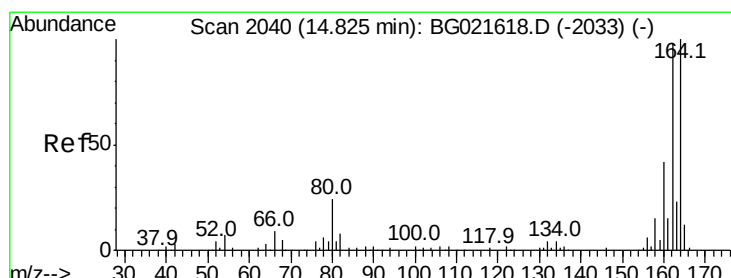
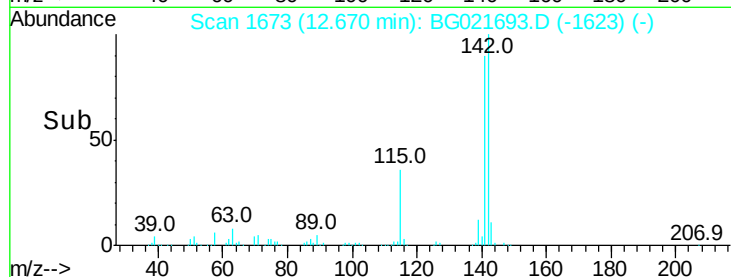
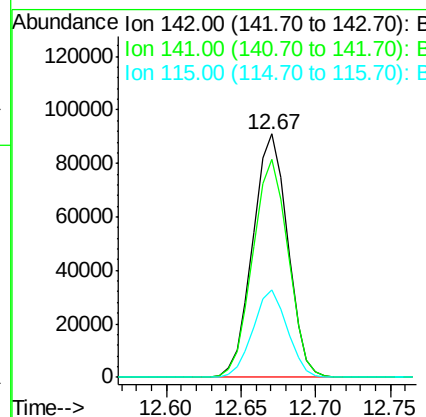
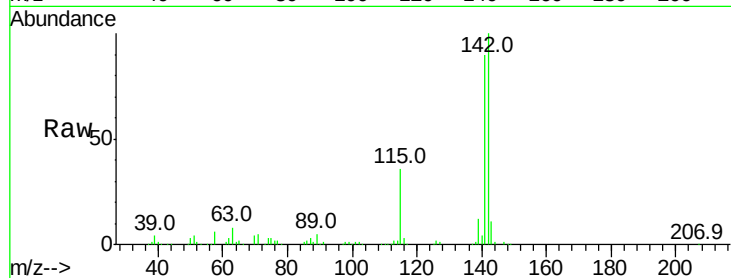
#37
2-Methylnaphthalene
Concen: 34.44 ng
RT: 12.67 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB89849BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	147497		
141	89.6	71.4	107.0	
115	35.8	27.4	41.2	

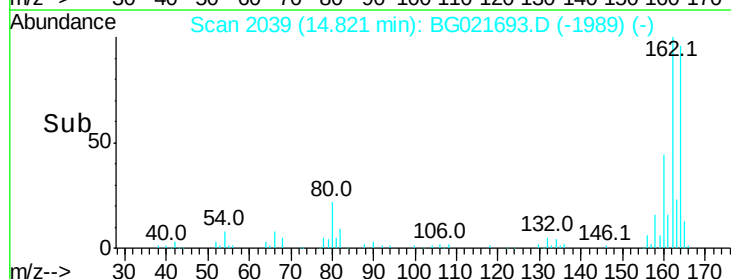
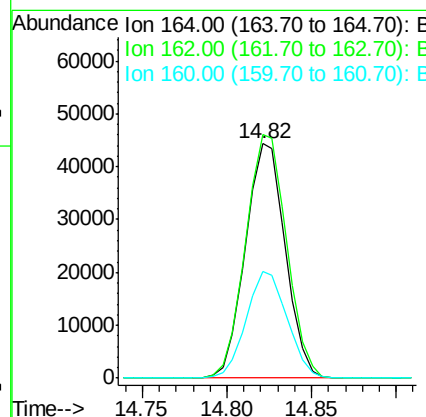
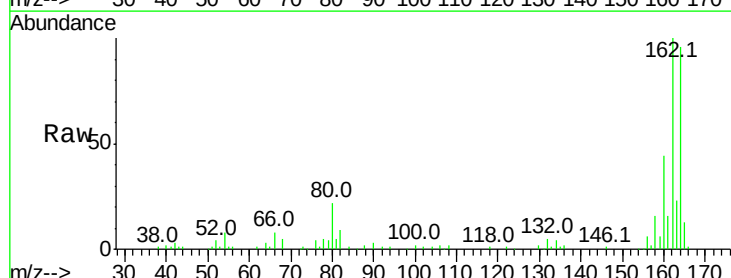
Manual Integrations
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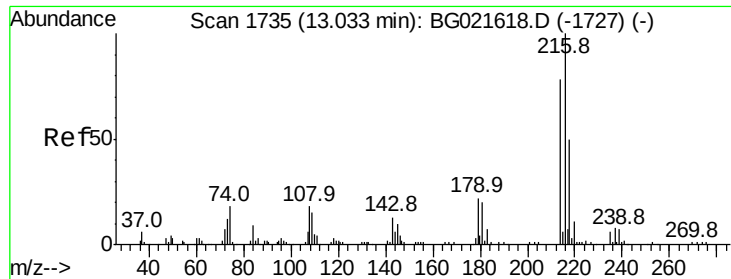
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	72553		
162	104.0	78.0	117.0	
160	45.5	32.9	49.3	





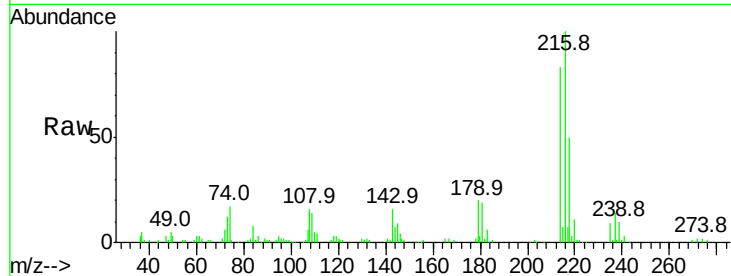
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.74 ng
 RT: 13.03 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB89849BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	74230		
214	80.4	62.2	93.2	
179	20.6	16.7	25.1	
108	19.9	14.0	21.0	

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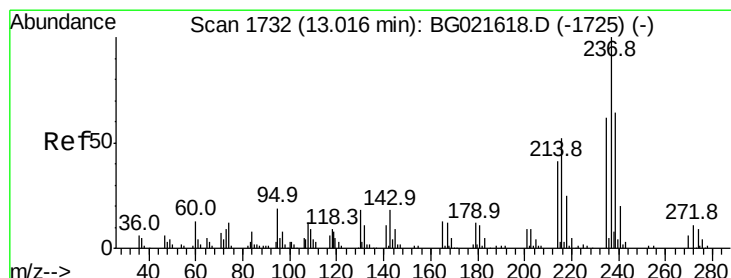
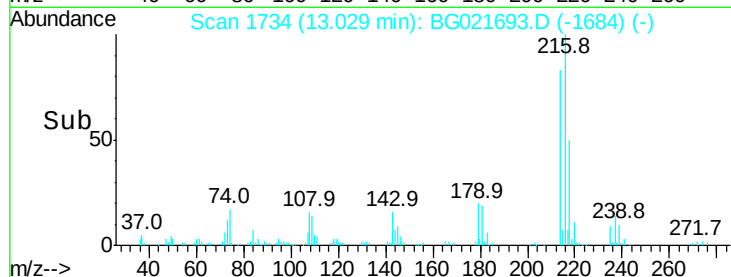
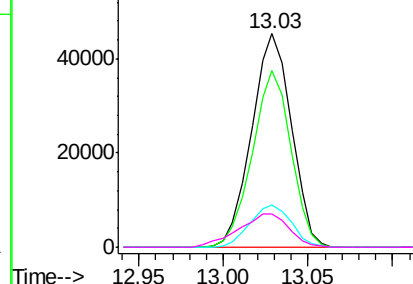


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

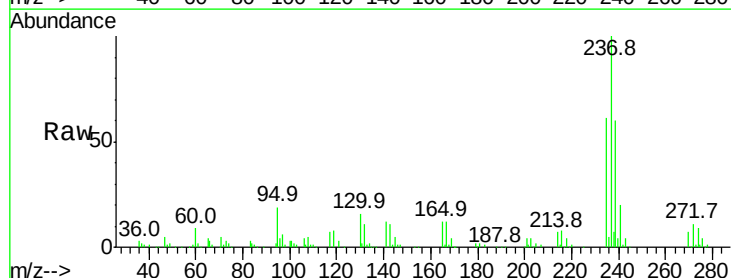
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 81.20 ng
 RT: 13.01 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

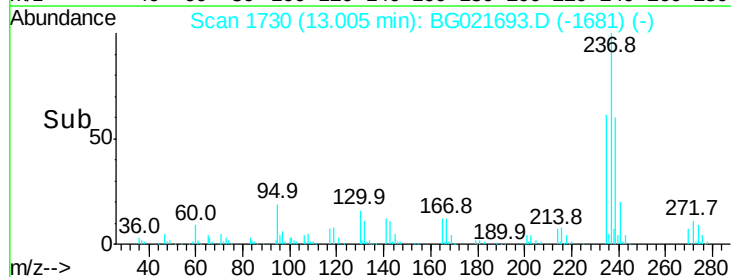
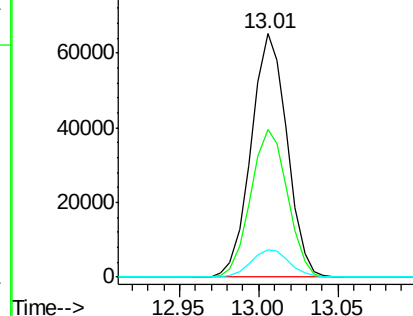
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	102272		
235	60.8	43.2	83.2	
272	11.3	0.0	33.4	

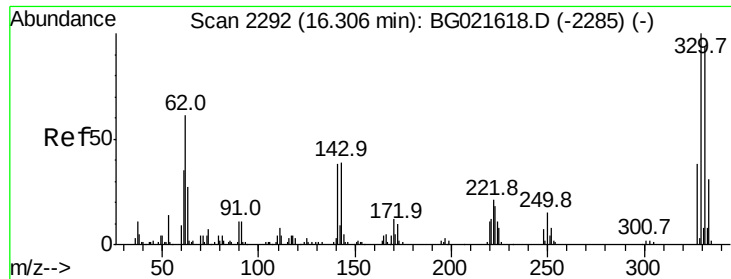


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 133.35 ng

RT: 16.30 min Scan# 2291

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

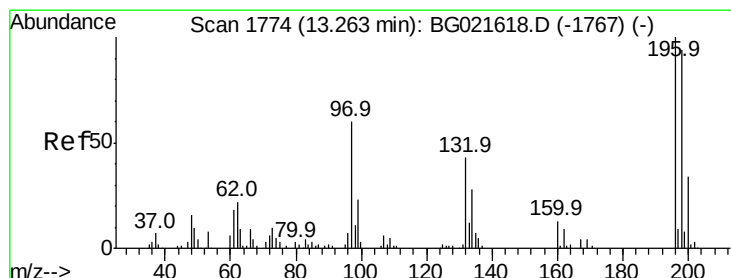
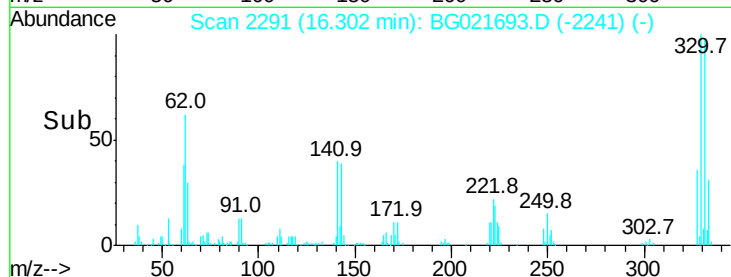
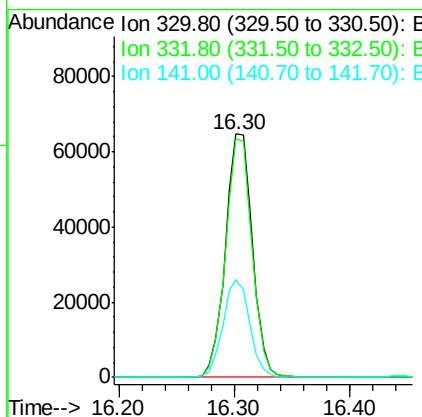
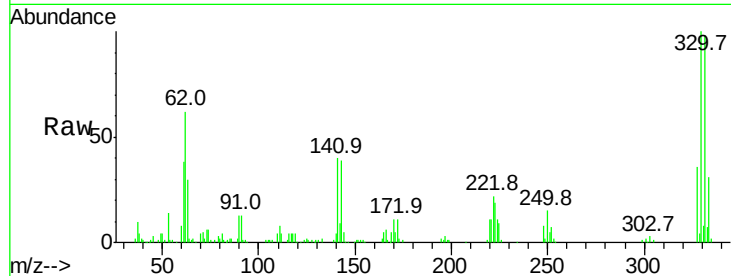
ClientSampleId :

PB89849BS

Tot Ion:	330	Resp:	104275
Ion Ratio	Lower	Upper	
330	100		
332	96.3	78.0	117.0
141	39.7	33.8	50.8

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 38.14 ng

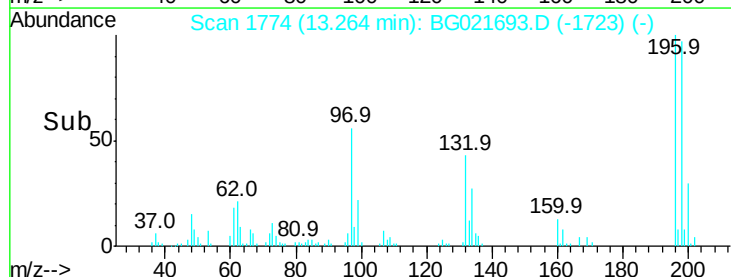
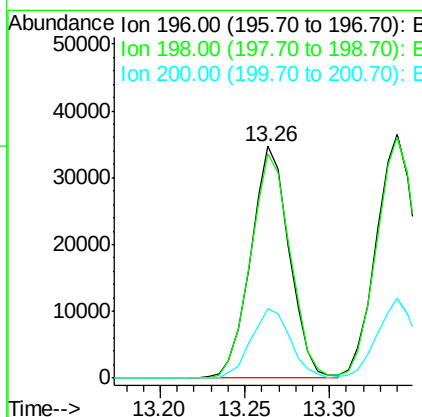
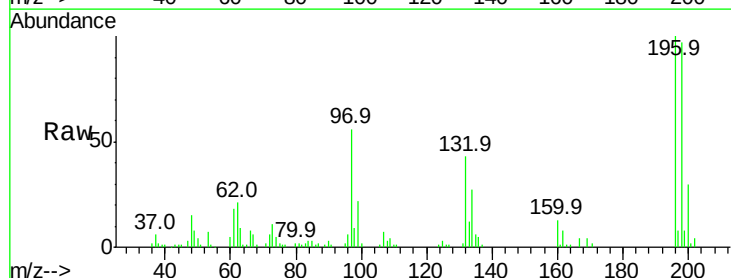
RT: 13.26 min Scan# 1774

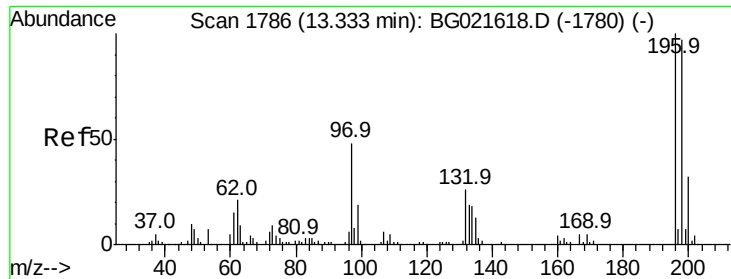
Delta R.T. 0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Tgt Ion:	196	Resp:	55146
Ion Ratio	Lower	Upper	
196	100		
198	96.9	80.1	120.1
200	30.1	24.1	36.1





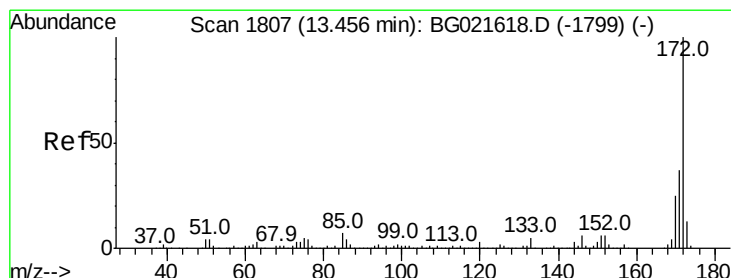
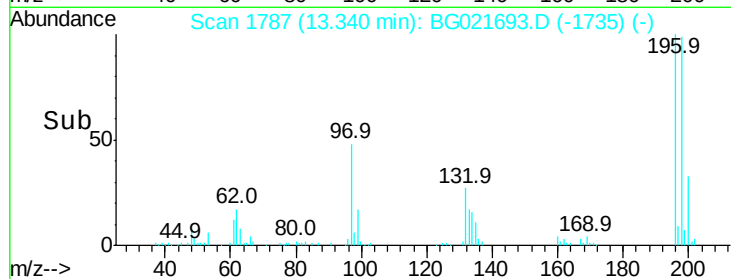
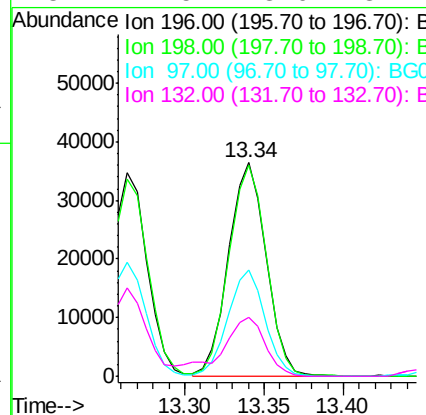
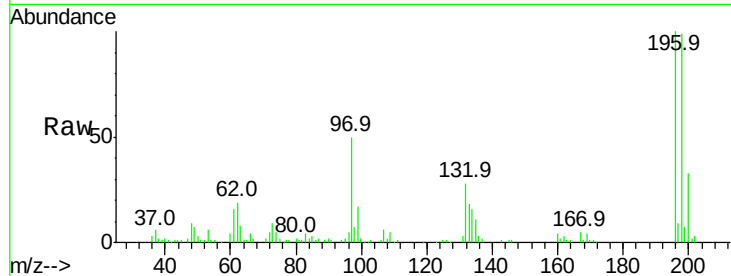
#43
 2,4,5-Trichlorophenol
 Concen: 38.41 ng
 RT: 13.34 min Scan# 1787
 Delta R.T. 0.01 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Instrument :
 BNA_G
 ClientSampled :
 PB89849BS

Tot Ion	196	Resp	59919
Ion Ratio	Lower	Upper	
196	100		
198	98.7	78.0	117.0
97	49.6	43.0	64.6
132	27.5	23.0	34.4

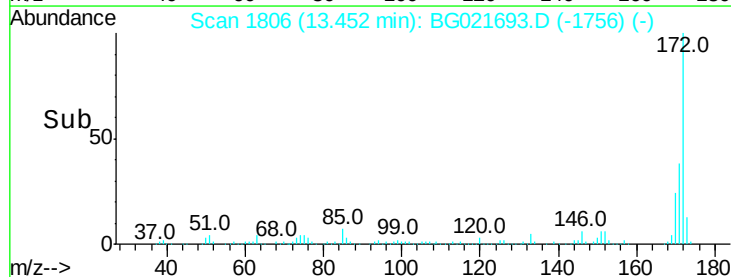
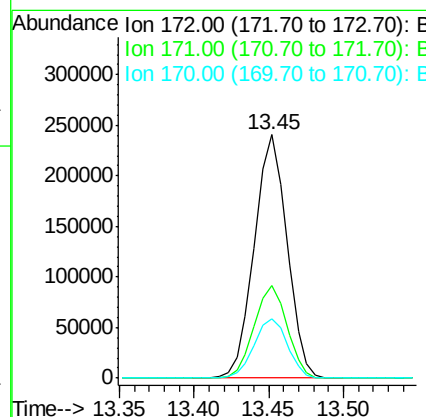
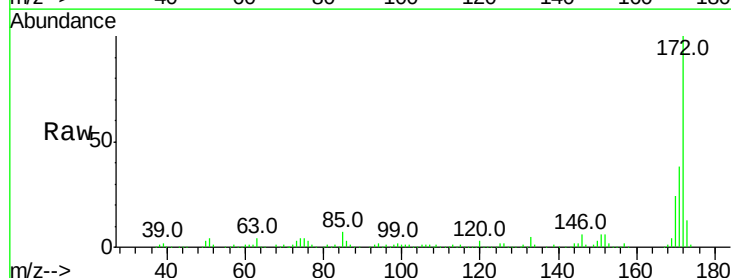
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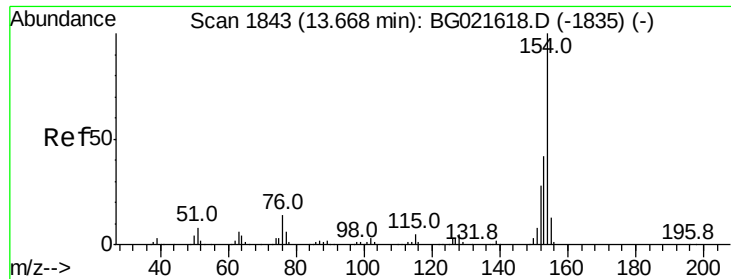
Sohil
 4/18/2016 7:18:24 PM



#44
 2-Fluorobiphenyl
 Concen: 73.54 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Tgt Ion	172	Resp	364181
Ion Ratio	Lower	Upper	
172	100		
171	38.0	27.8	41.6
170	24.2	19.6	29.4





#45

1,1'-Biphenyl

Concen: 31.63 ng

RT: 13.66 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

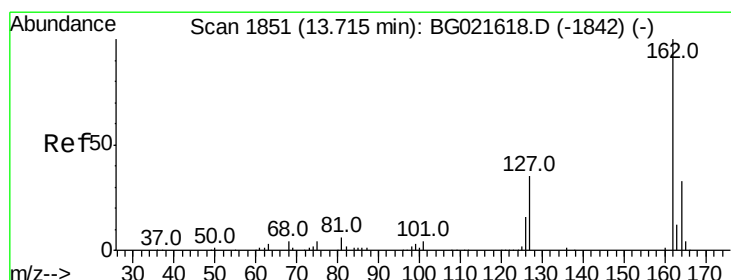
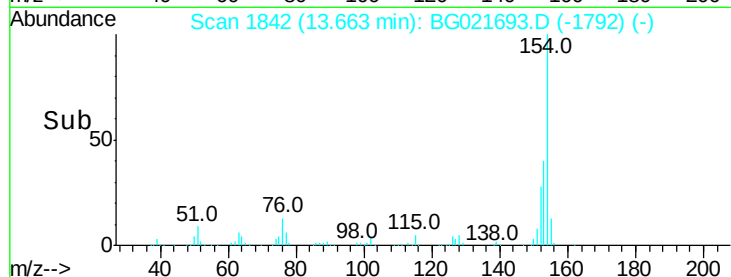
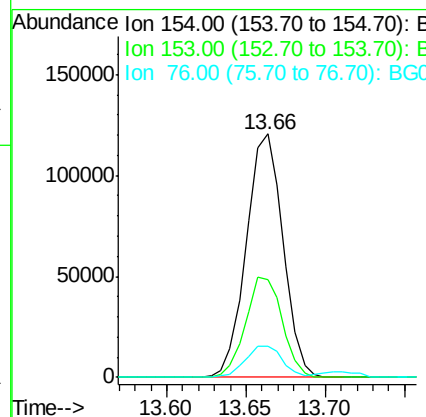
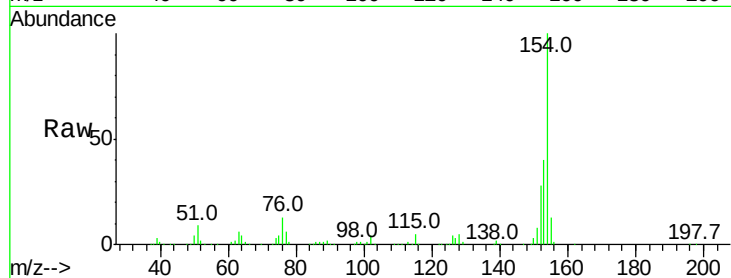
ClientSampleId :

PB89849BS

Tot Ion:	154	Resp:	193334
Ion Ratio	Lower	Upper	
154	100		
153	40.1	19.7	59.7
76	13.0	0.0	33.0

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#46

2-Chloronaphthalene

Concen: 32.66 ng

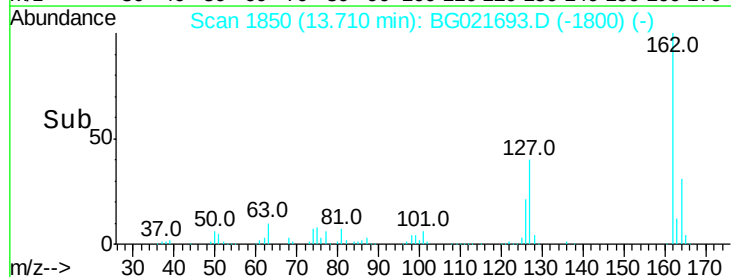
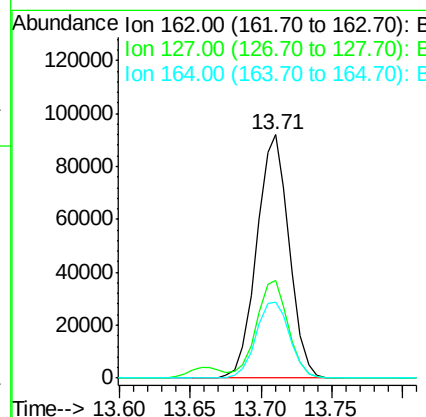
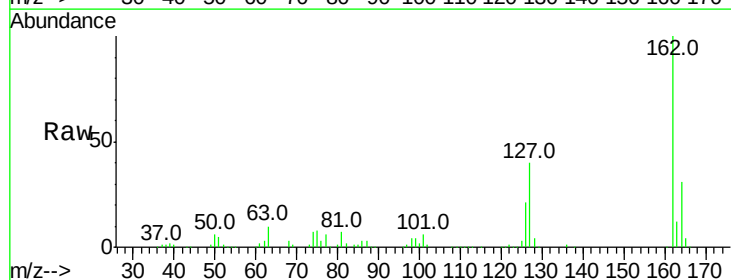
RT: 13.71 min Scan# 1850

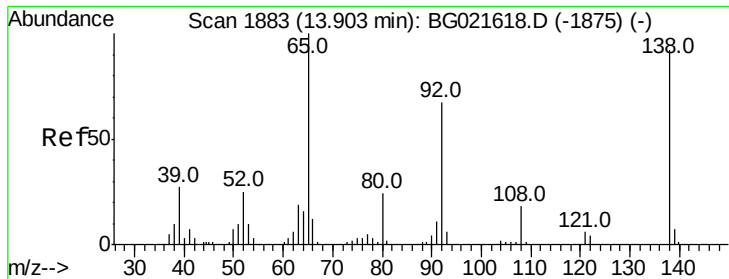
Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Tgt Ion:	162	Resp:	147590
Ion Ratio	Lower	Upper	
162	100		
127	39.9	32.0	48.0
164	31.3	27.0	40.4





#47

2-Nitroaniline

Concen: 36.17 ng

RT: 13.90 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

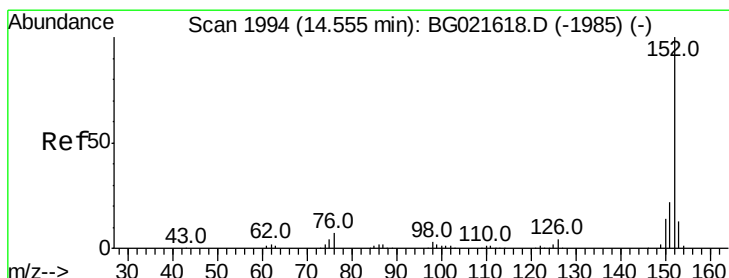
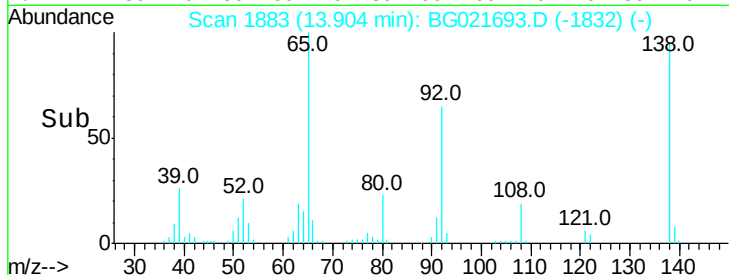
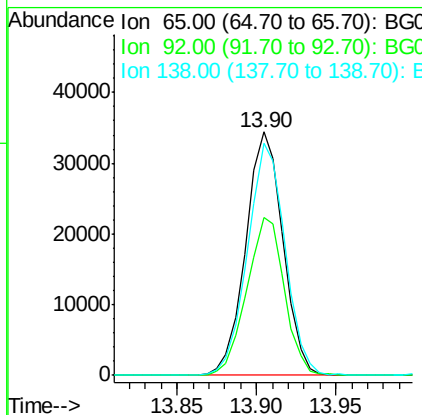
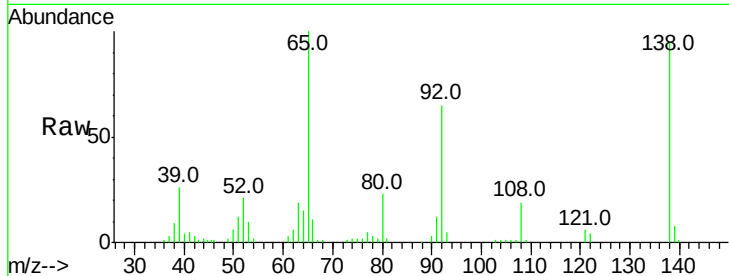
ClientSampleId :

PB89849BS

Tot Ion:	65	Resp:	56044
Ion Ratio	Lower	Upper	
65	100		
92	64.6	49.2	73.8
138	95.2	75.0	112.6

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#48

Acenaphthylene

Concen: 32.89 ng

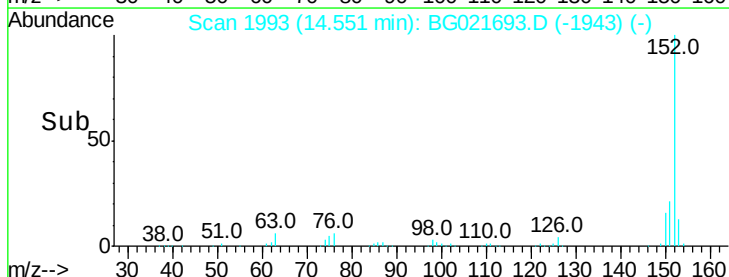
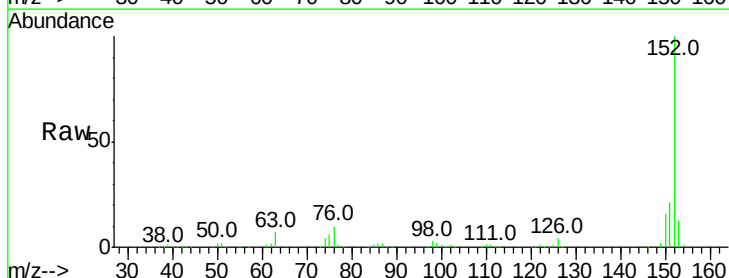
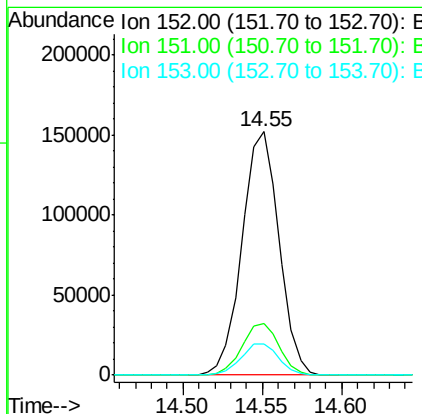
RT: 14.55 min Scan# 1993

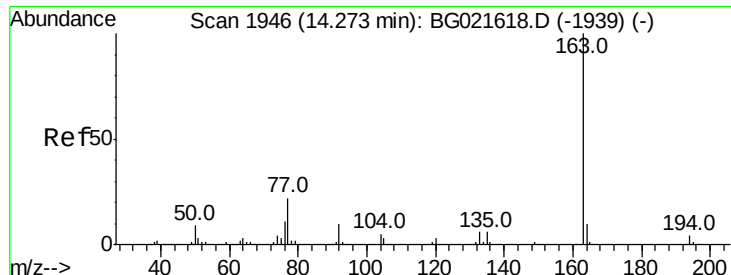
Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Tgt Ion:	152	Resp:	245740
Ion Ratio	Lower	Upper	
152	100		
151	21.4	16.6	24.8
153	13.0	10.2	15.2





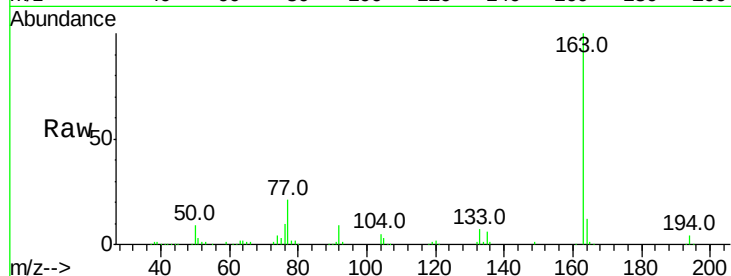
#49
Dimethylphthalate
Concen: 33.28 ng
RT: 14.27 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB89849BS

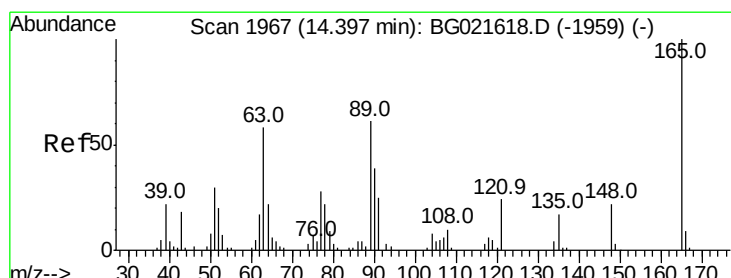
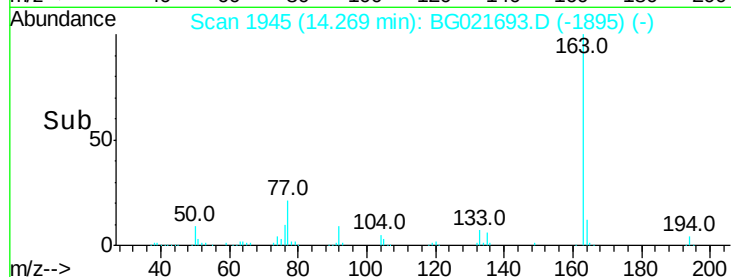
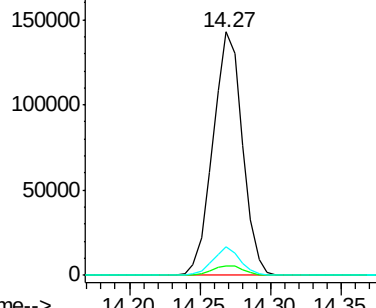
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.8	3.0	4.6
164	11.5	8.1	12.1

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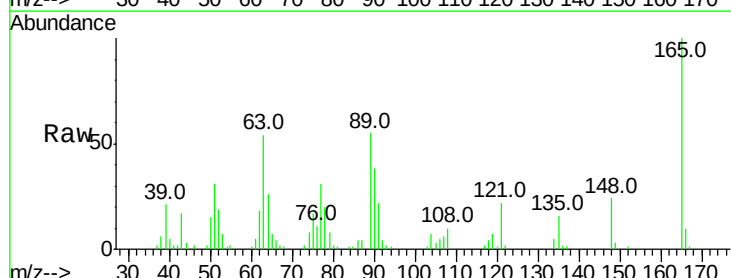


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

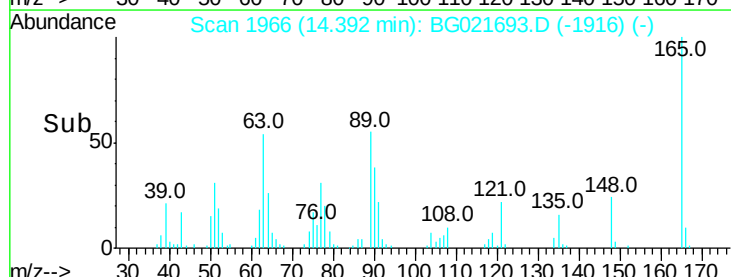
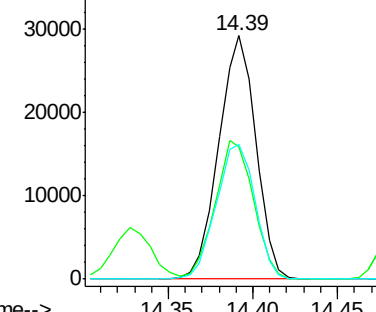


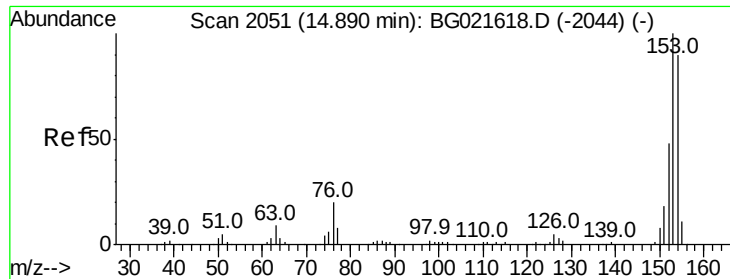
#50
2,6-Dinitrotoluene
Concen: 37.33 ng
RT: 14.39 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	54.3	48.2	72.4
89	55.5	45.3	67.9



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





#51

Acenaphthene

Concen: 36.30 ng

RT: 14.89 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

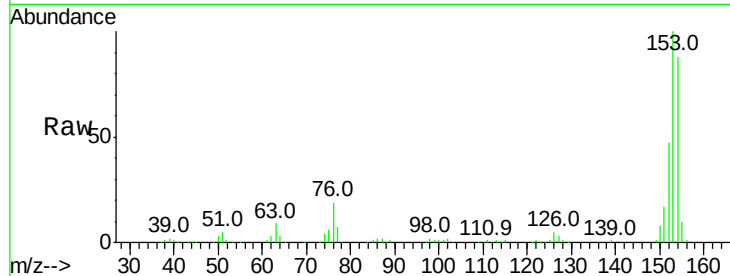
ClientSampled :

PB89849BS

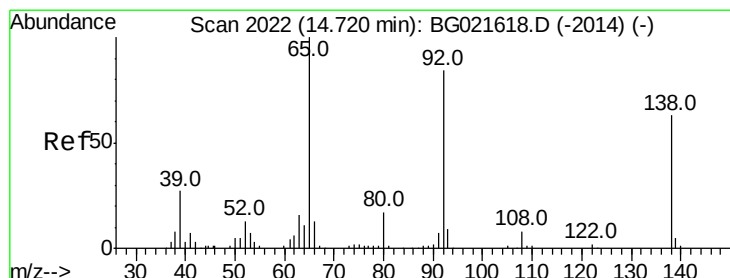
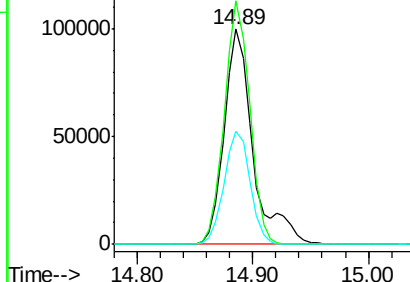
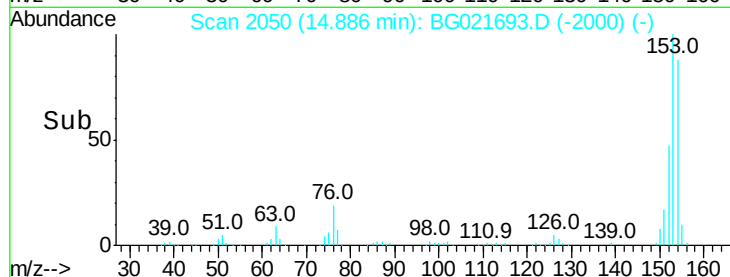
Tot Ion:	154	Resp:	173404
Ion Ratio	Lower	Upper	
154	100		
153	113.3	91.9	137.9
152	52.9	42.0	63.0

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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: 17.89 ng

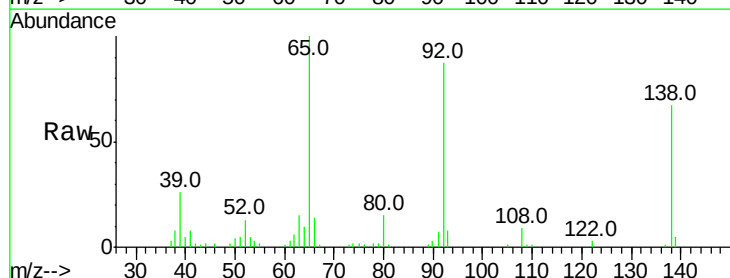
RT: 14.72 min Scan# 2022

Delta R.T. 0.00 min

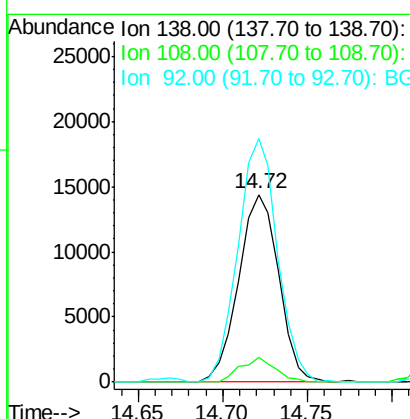
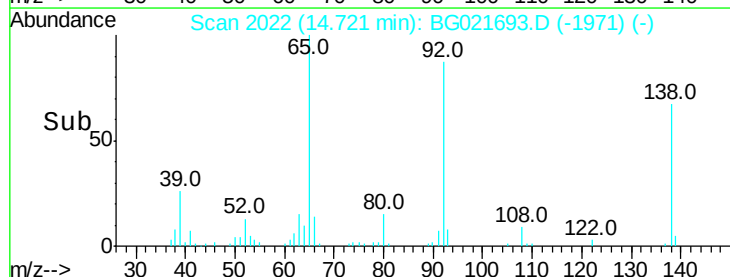
Lab File: BG021693.D

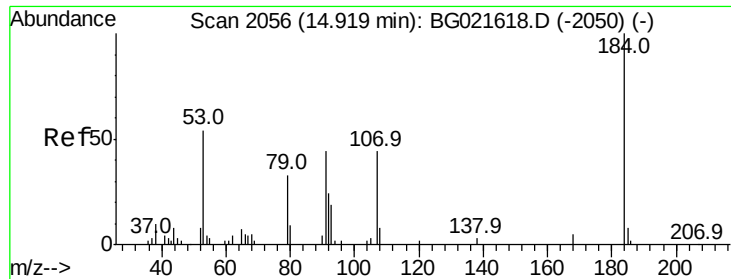
Acq: 15 Apr 2016 19:56

Tgt Ion:	138	Resp:	23734
Ion Ratio	Lower	Upper	
138	100		
108	13.0	9.1	13.7
92	130.0	102.6	154.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC





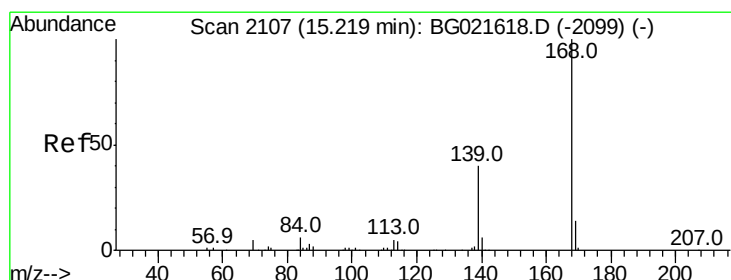
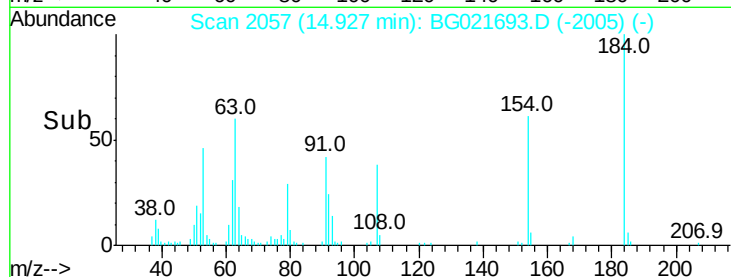
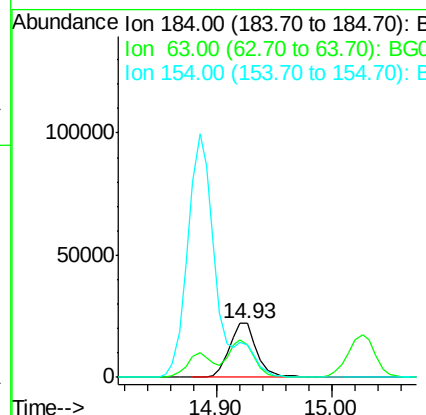
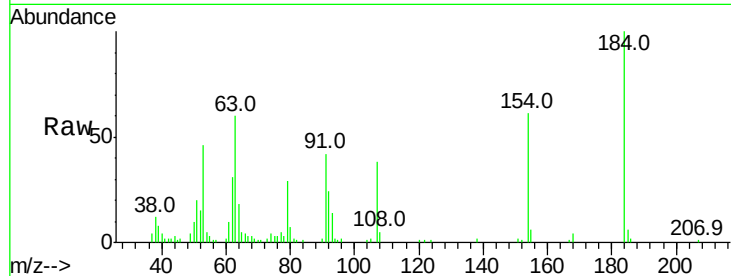
#53
 2,4-Dinitrophenol
 Concen: 79.00 ng
 RT: 14.93 min Scan# 2057
 Delta R.T. 0.01 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Instrument :
 BNA_G
 ClientSampled :
 PB89849BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.0	57.3	85.9
154	60.6	55.2	82.8

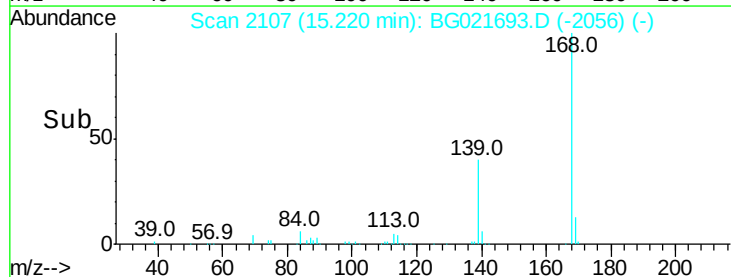
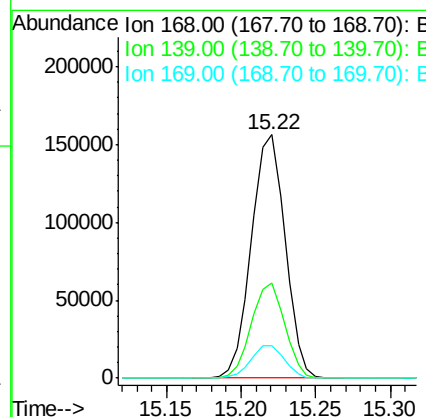
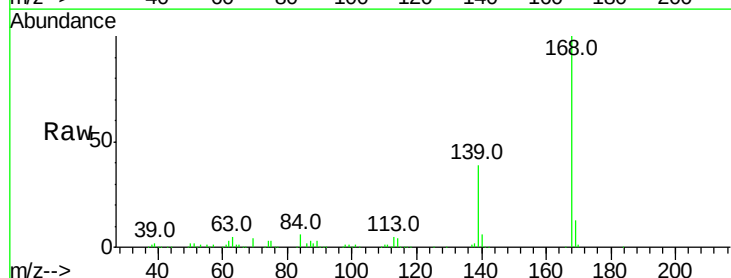
Manual Integrations
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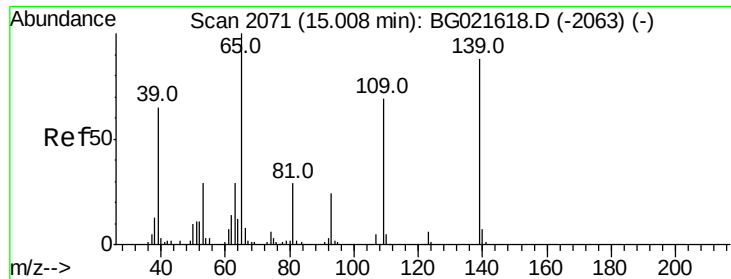
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#54
 Dibenzofuran
 Concen: 37.37 ng
 RT: 15.22 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.1	46.7
169	13.3	11.0	16.6





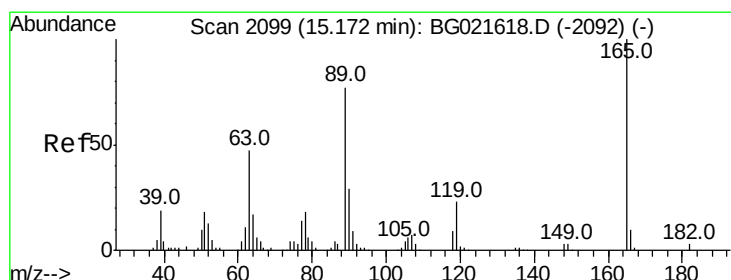
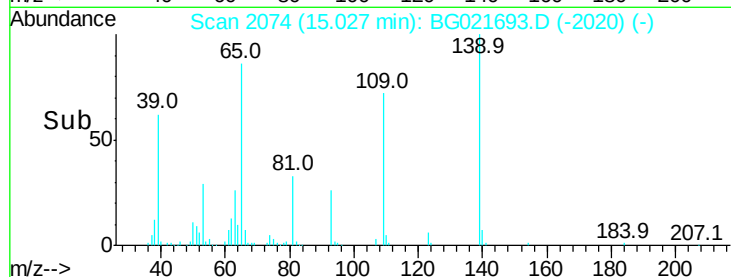
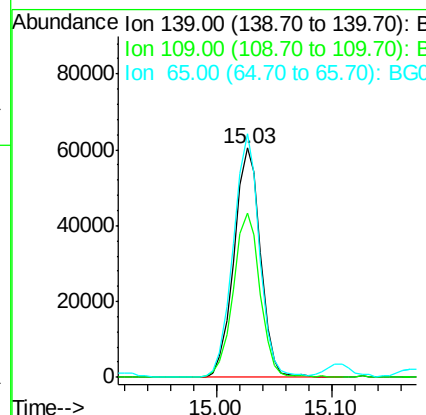
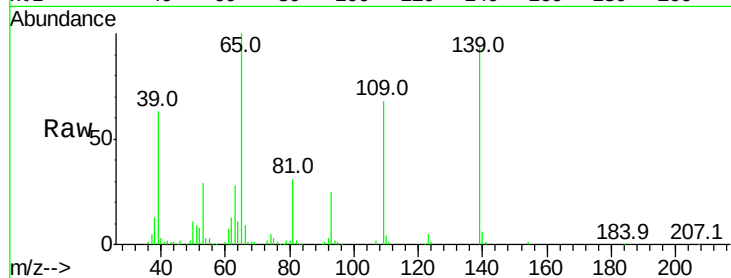
#55
4-Nitrophenol
Concen: 84.58 ng
RT: 15.03 min Scan# 2074
Delta R.T. 0.02 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB89849BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	71.9	49.2	89.2
65	106.2	83.2	123.2

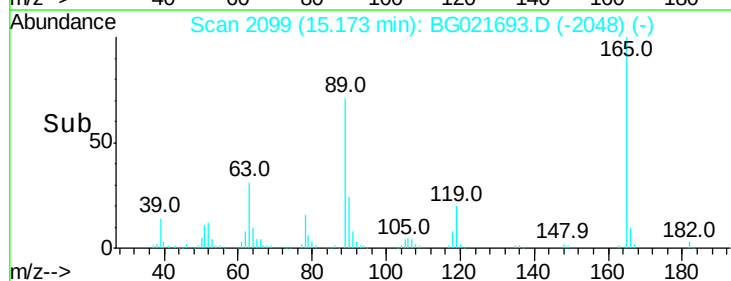
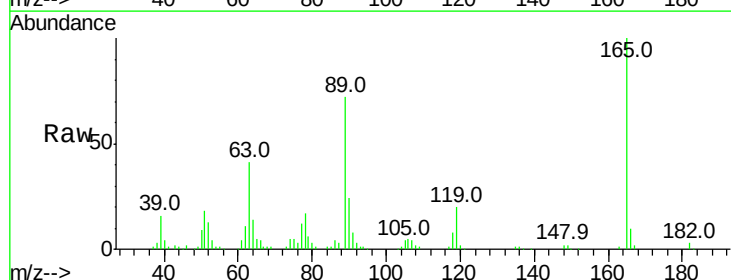
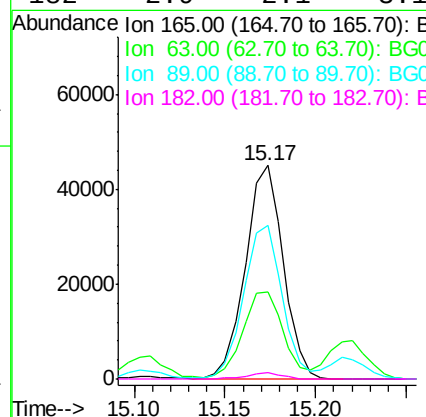
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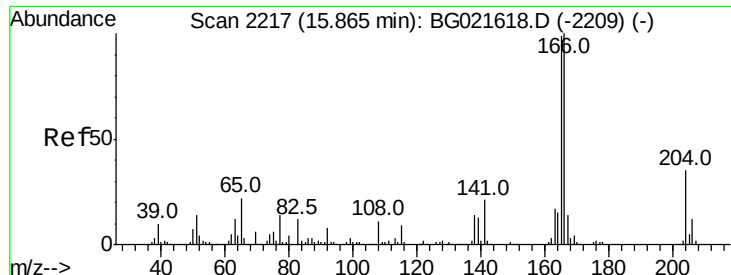
Sohil
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#56
2,4-Dinitrotoluene
Concen: 40.33 ng
RT: 15.17 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.9	37.4	56.0
89	71.7	59.4	89.0
182	2.9	2.1	3.1





#57

Fluorene

Concen: 34.51 ng

RT: 15.87 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB89849BS

Tot Ion:166 Resp: 201035

Ion Ratio Lower Upper

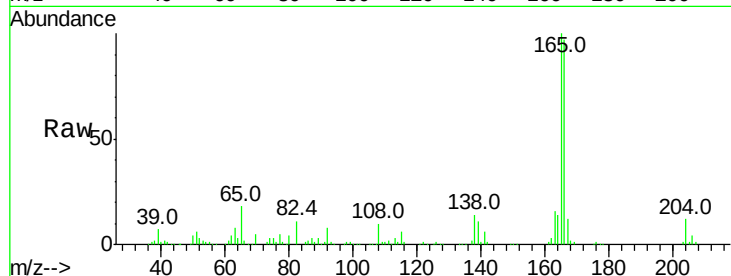
166 100

165 103.1 79.0 118.4

167 12.8 10.7 16.1

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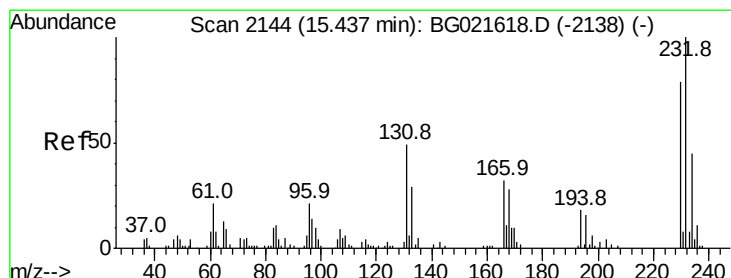
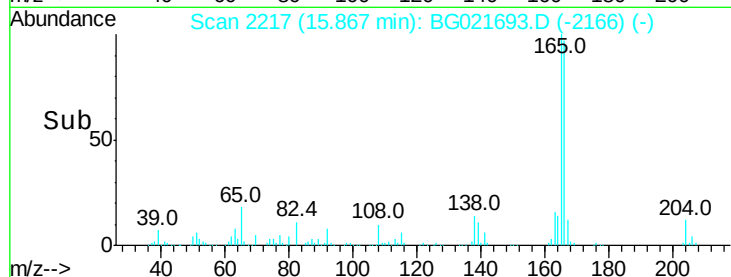
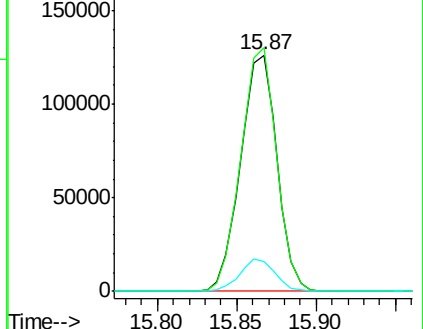
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.10 ng

RT: 15.44 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Tgt Ion:232 Resp: 57091

Ion Ratio Lower Upper

232 100

131 45.2 36.3 54.5

130 2.2 1.9 2.9

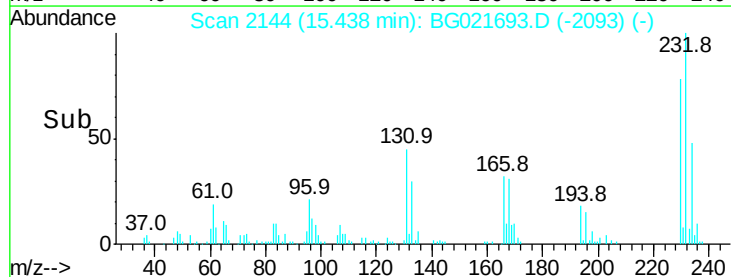
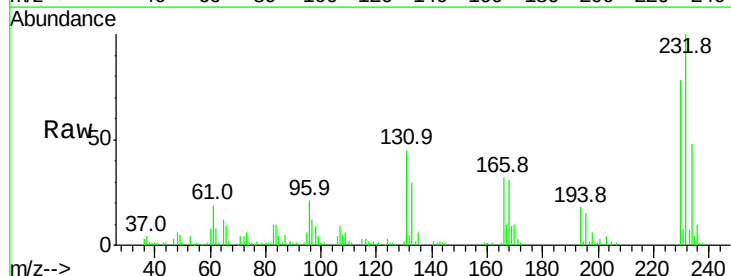
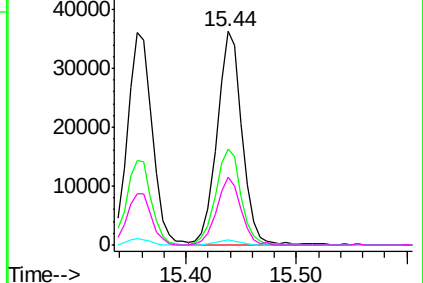
166 30.5 25.0 37.4

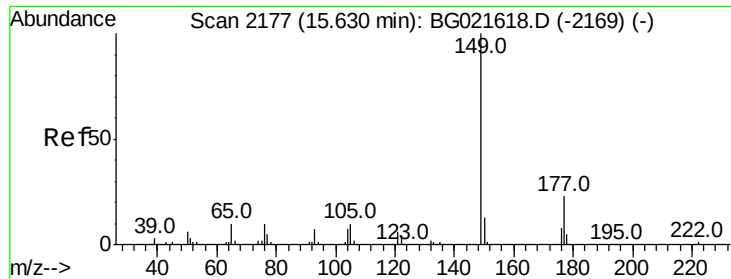
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 34.91 ng

RT: 15.62 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

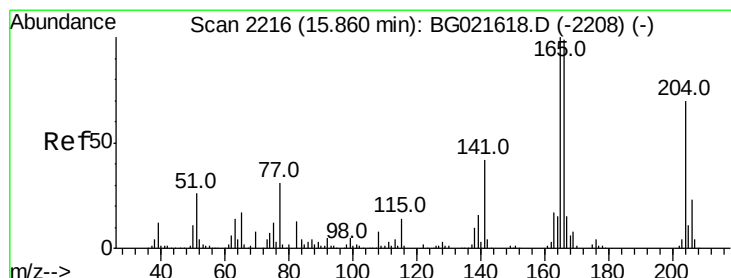
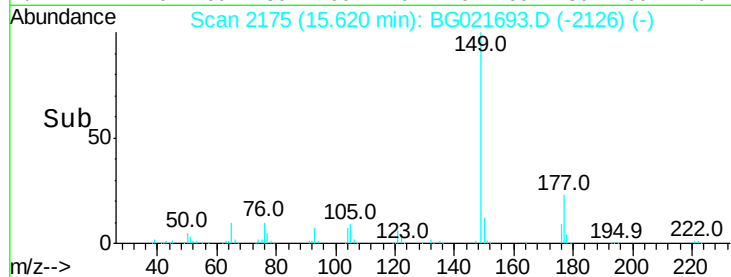
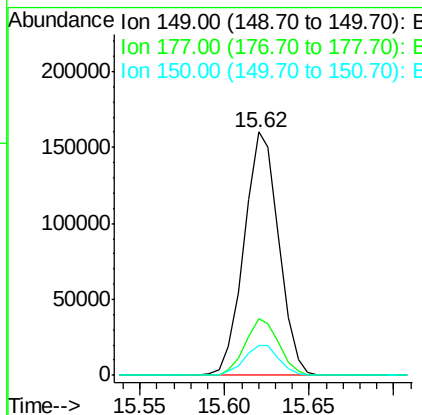
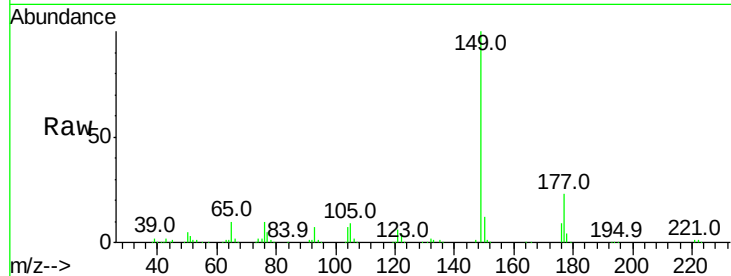
ClientSampleId :

PB89849BS

Tot Ion:	149	Resp:	228601
Ion Ratio	Lower	Upper	
149	100		
177	23.1	17.3	25.9
150	12.5	9.7	14.5

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#60

4-Chlorophenyl-phenylether

Concen: 33.78 ng

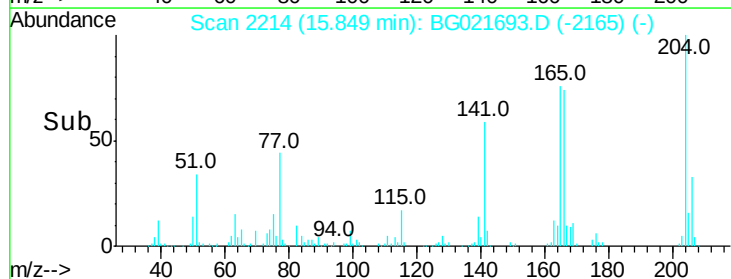
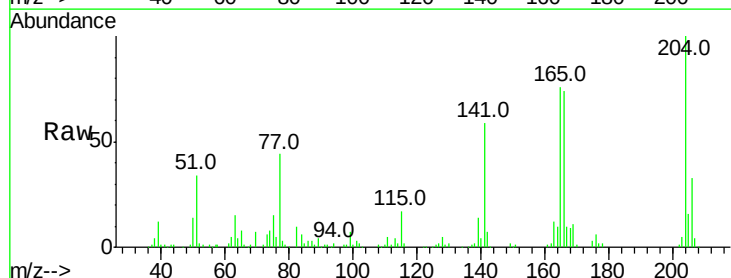
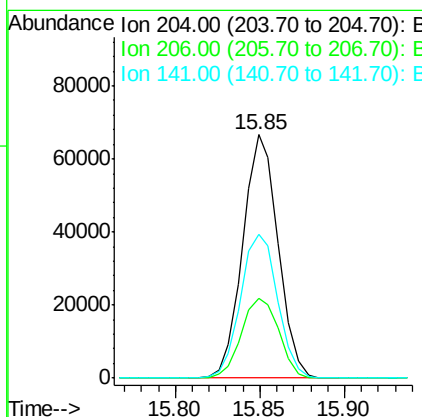
RT: 15.85 min Scan# 2214

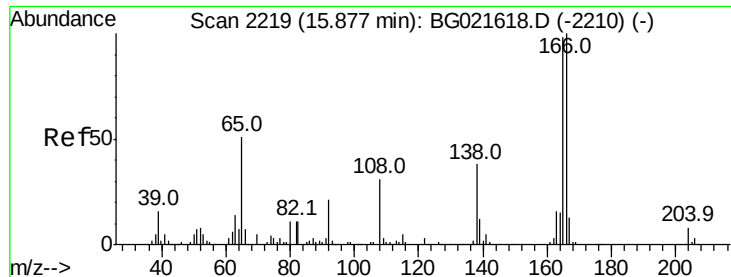
Delta R.T. -0.01 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Tgt Ion:	204	Resp:	96922
Ion Ratio	Lower	Upper	
204	100		
206	32.8	27.8	41.8
141	59.0	51.0	76.4





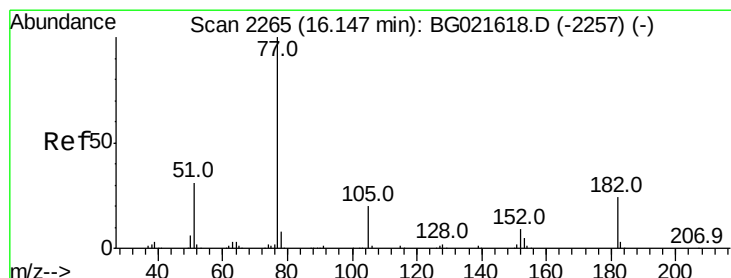
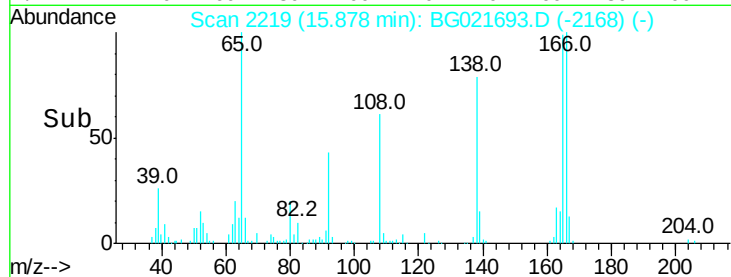
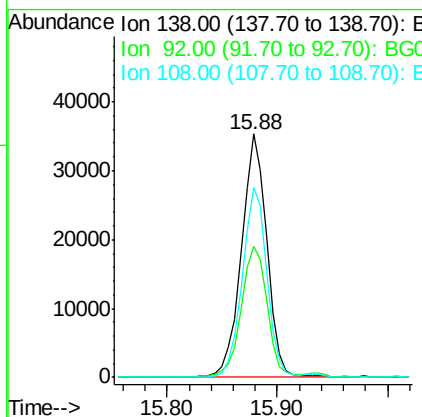
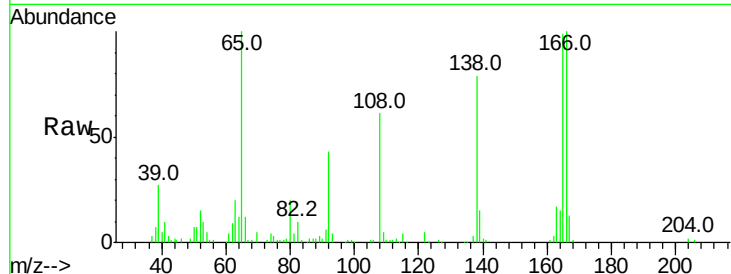
#61
 4-Nitroaniline
 Concen: 39.22 ng
 RT: 15.88 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB89849BS

Tot Ion:	138	Resp:	57255
Ion Ratio	Lower	Upper	
138	100		
92	53.9	37.7	77.7
108	77.7	59.4	99.4

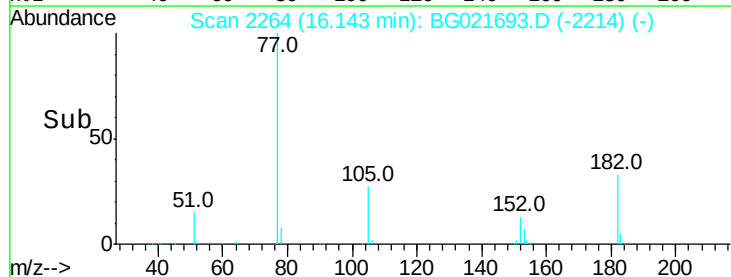
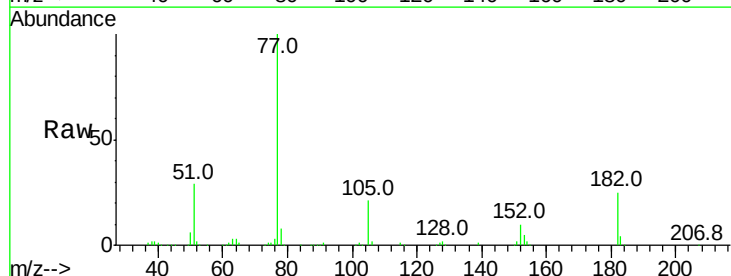
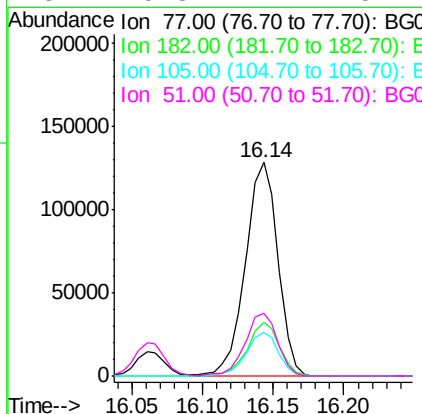
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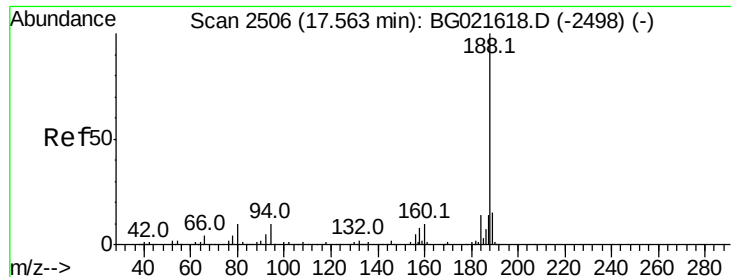
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#62
 Azobenzene
 Concen: 36.92 ng
 RT: 16.14 min Scan# 2264
 Delta R.T. -0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Tgt Ion:	77	Resp:	207193
Ion Ratio	Lower	Upper	
77	100		
182	25.2	4.1	44.1
105	20.7	0.0	39.8
51	29.3	11.1	51.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

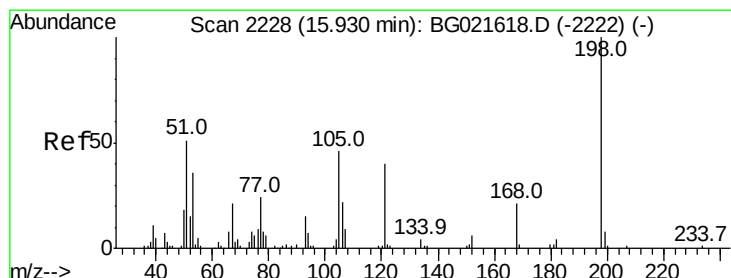
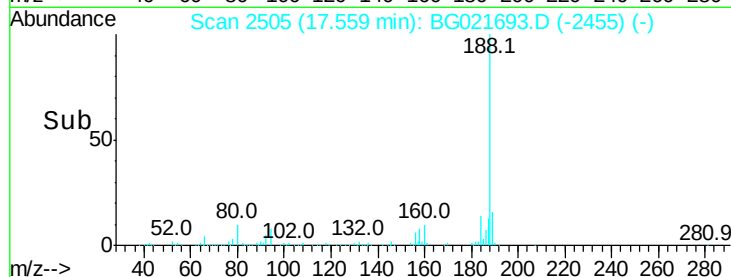
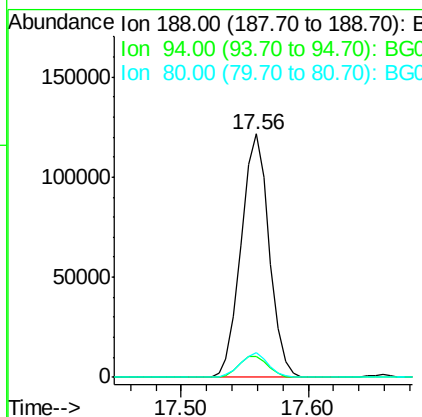
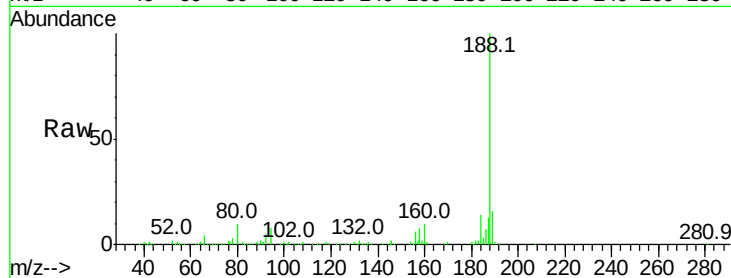
ClientSampleId :

PB89849BS

Tot Ion:	188	Resp:	186086
Ion Ratio	Lower	Upper	
188	100		
94	8.4	7.5	11.3
80	10.0	8.6	13.0

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 38.31 ng

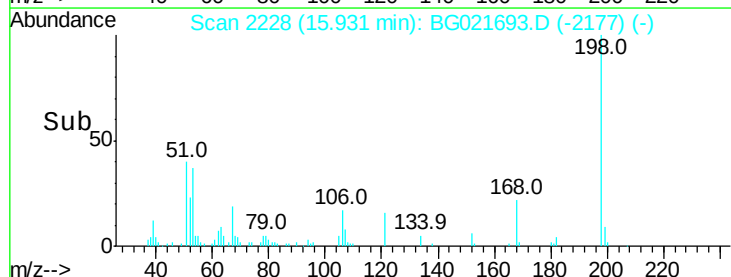
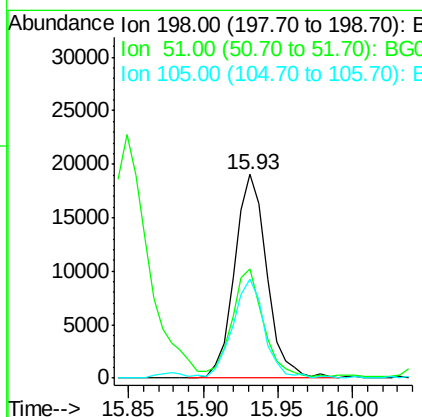
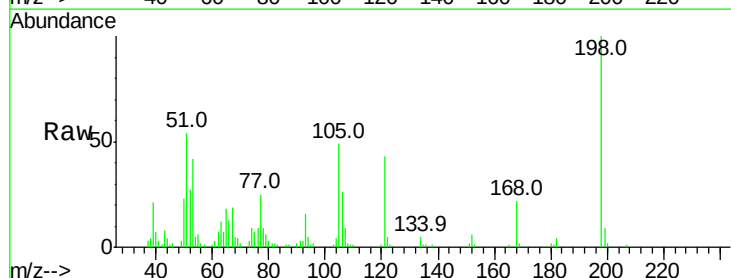
RT: 15.93 min Scan# 2228

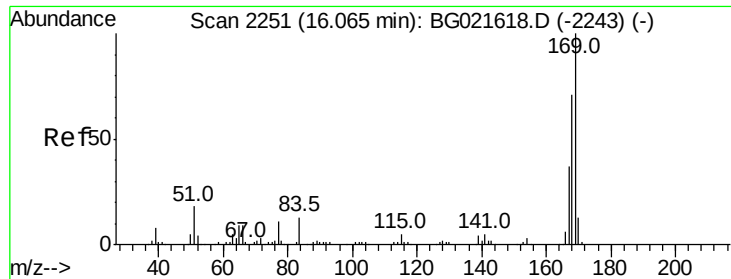
Delta R.T. 0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Tgt Ion:	198	Resp:	28741
Ion Ratio	Lower	Upper	
198	100		
51	53.8	29.2	69.2
105	48.6	24.0	64.0





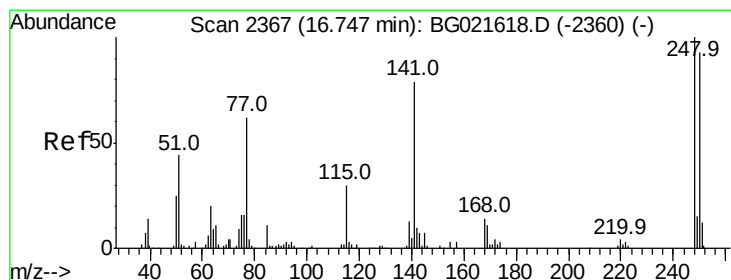
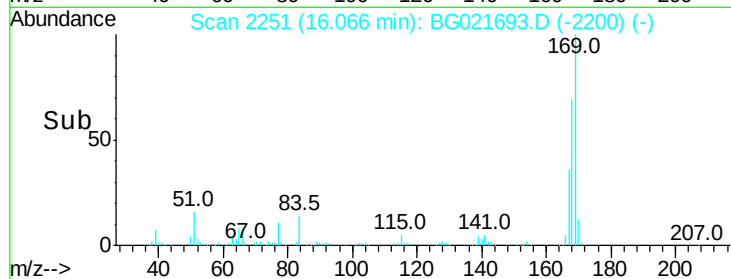
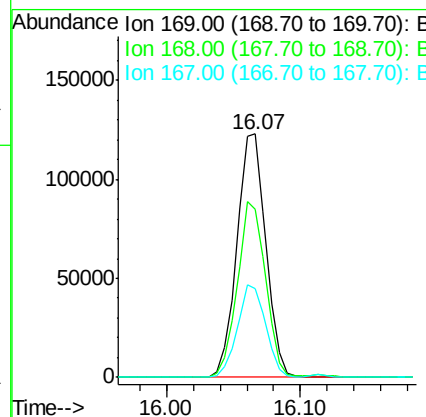
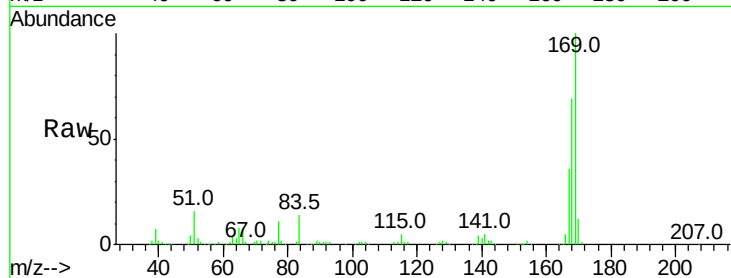
#65
 n-Nitrosodiphenylamine
 Concen: 33.16 ng
 RT: 16.07 min Scan# 2251
 Delta R.T. 0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB89849BS

Tot Ion:	169	Resp:	185048
Ion Ratio	Lower	Upper	
169	100		
168	69.0	59.6	89.4
167	36.4	31.2	46.8

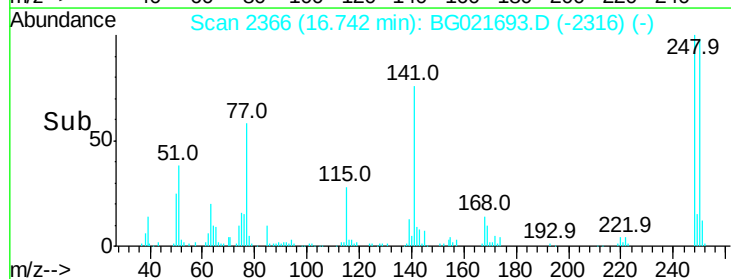
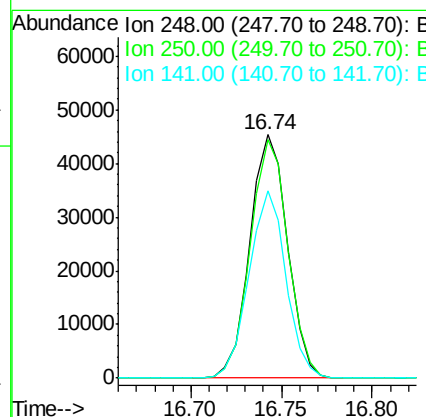
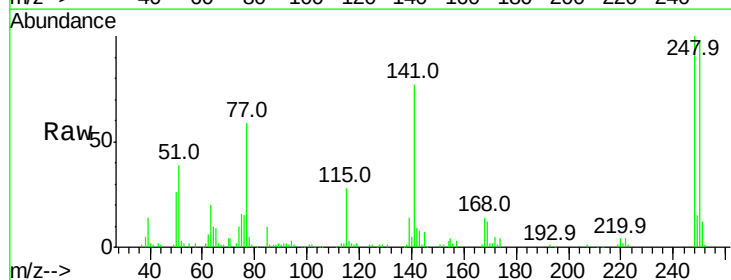
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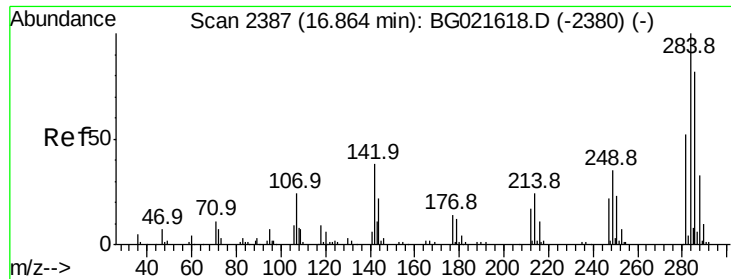
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#66
 4-Bromophenyl-phenylether
 Concen: 32.72 ng
 RT: 16.74 min Scan# 2366
 Delta R.T. -0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Tgt Ion:	248	Resp:	65238
Ion Ratio	Lower	Upper	
248	100		
250	98.2	76.6	114.8
141	77.1	63.8	95.6





#67

Hexachlorobenzene

Concen: 32.50 ng

RT: 16.86 min Scan# 2386

Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

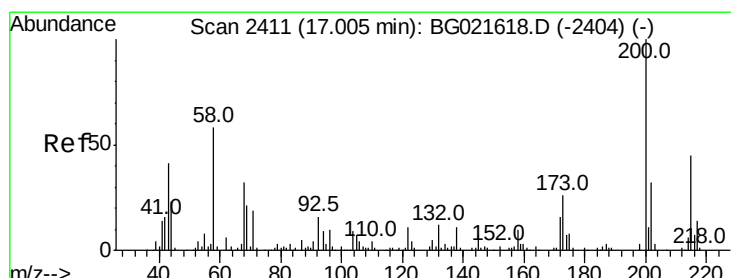
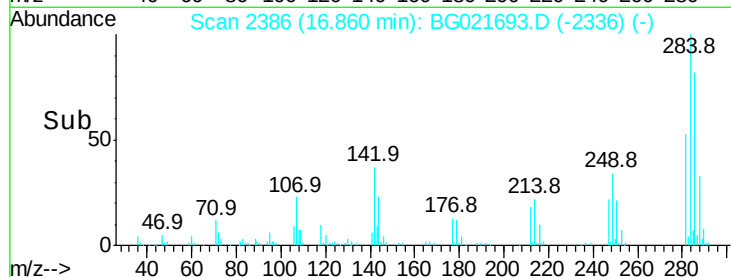
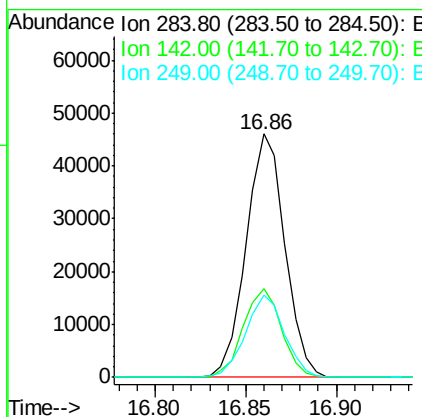
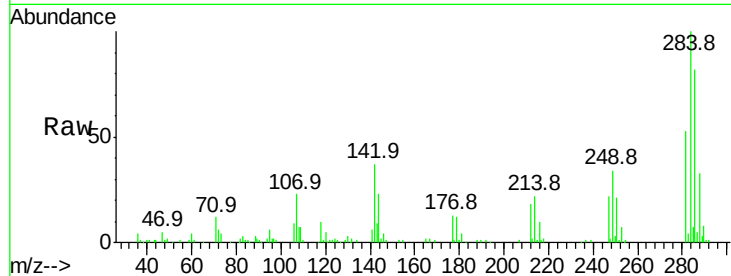
ClientSampleId :

PB89849BS

Tot Ion:	284	Resp:	68395
Ion Ratio	Lower	Upper	
284	100		
142	36.7	31.8	47.6
249	33.6	27.3	40.9

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#68

Atrazine

Concen: 37.56 ng

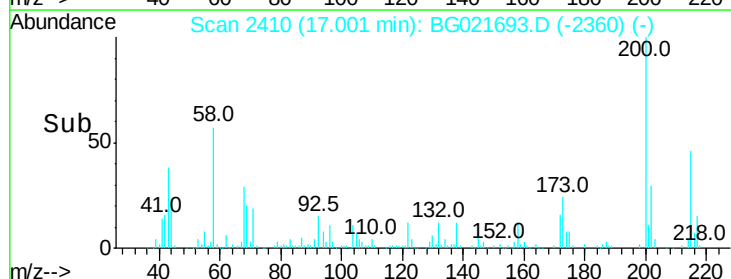
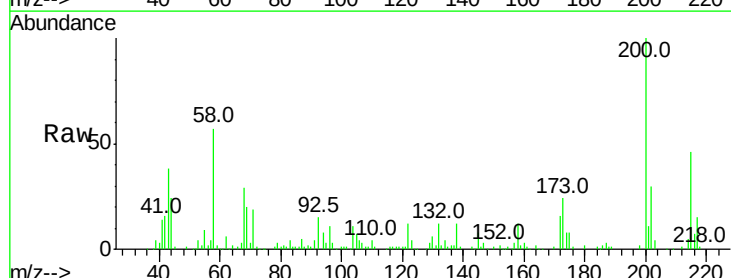
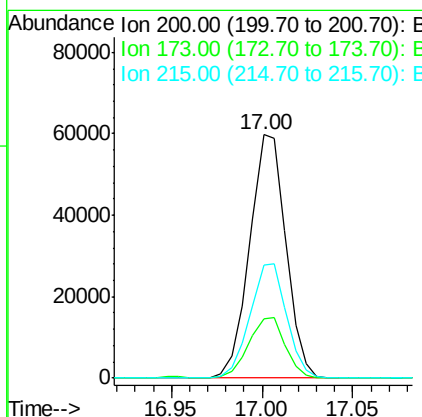
RT: 17.00 min Scan# 2410

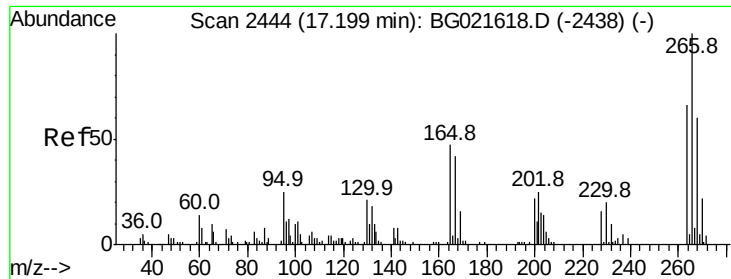
Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Tgt Ion:	200	Resp:	82787
Ion Ratio	Lower	Upper	
200	100		
173	24.2	5.1	45.1
215	46.2	28.0	68.0





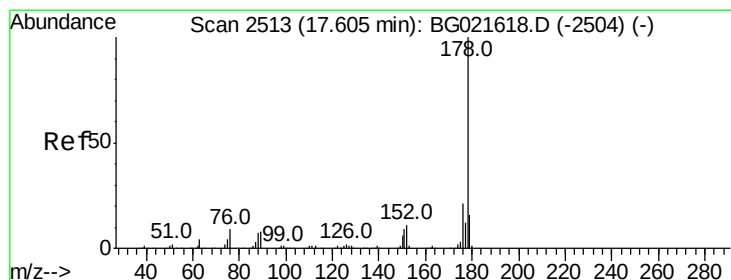
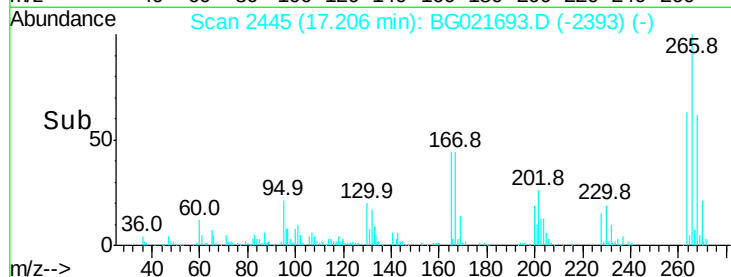
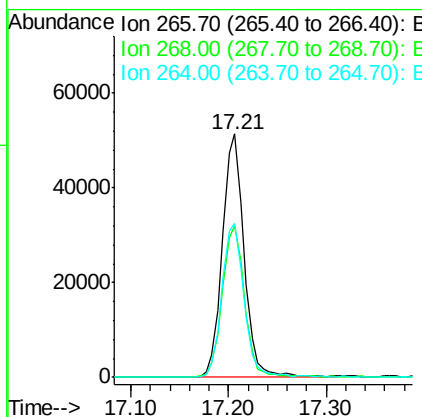
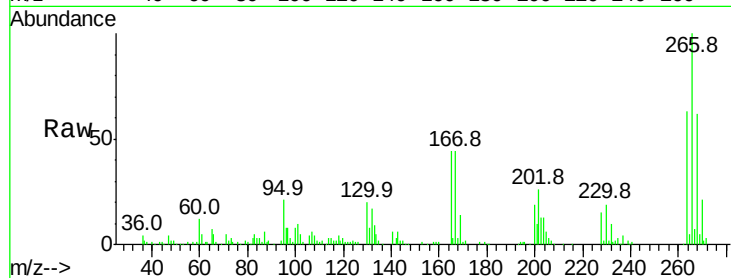
#69
 Pentachlorophenol
 Concen: 66.42 ng
 RT: 17.21 min Scan# 2445
 Delta R.T. 0.01 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB89849BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.1	54.5	81.7	
264	63.3	53.8	80.6	

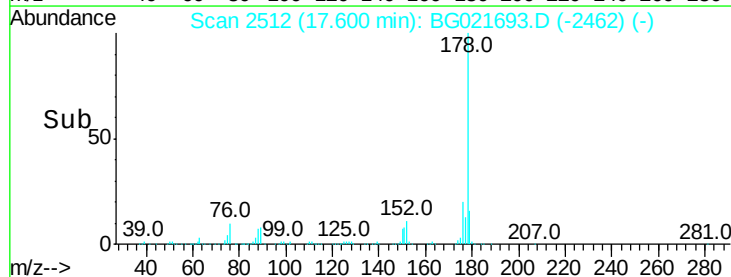
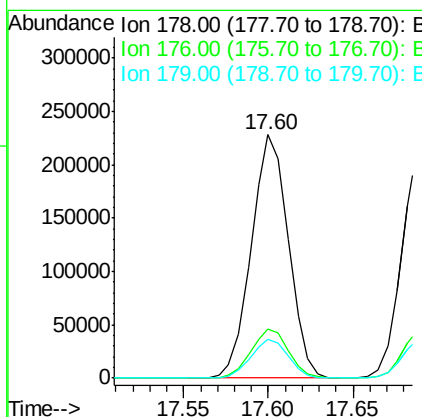
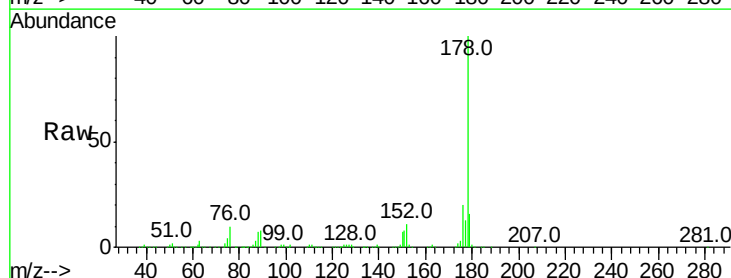
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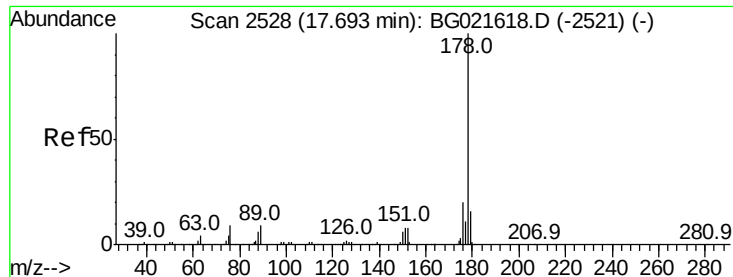
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#70
 Phenanthrene
 Concen: 33.94 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.0	16.2	24.4	
179	16.2	12.0	18.0	





#71

Anthracene

Concen: 33.74 ng

RT: 17.69 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

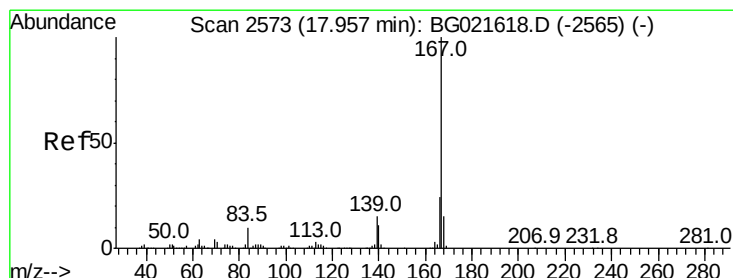
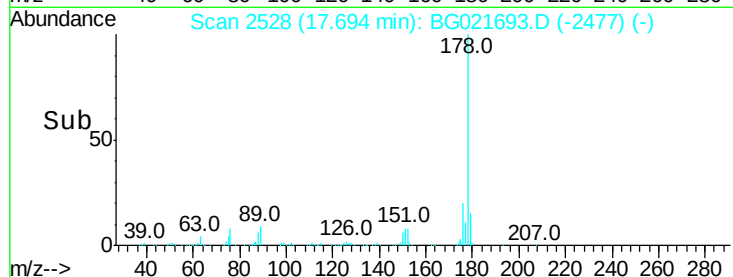
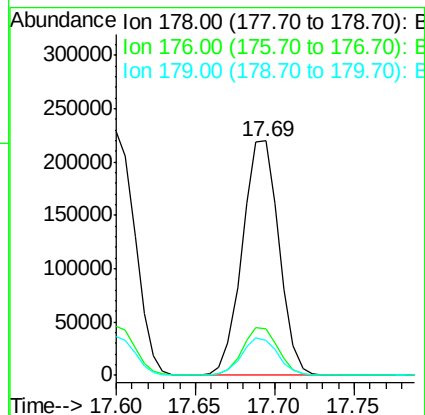
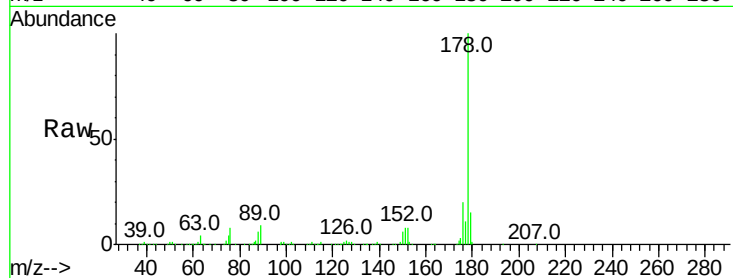
ClientSampleId :

PB89849BS

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Tot Ion:	178	Resp:	351316
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.0	22.4
179	15.1	12.2	18.4



#72

Carbazole

Concen: 36.85 ng

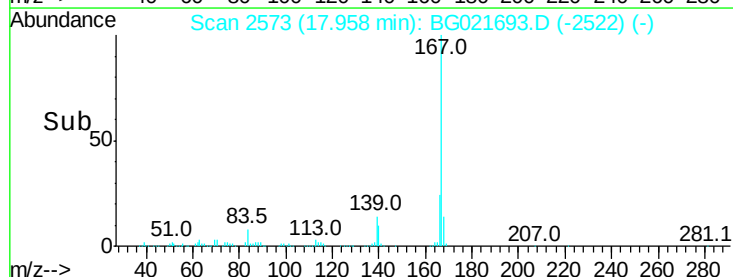
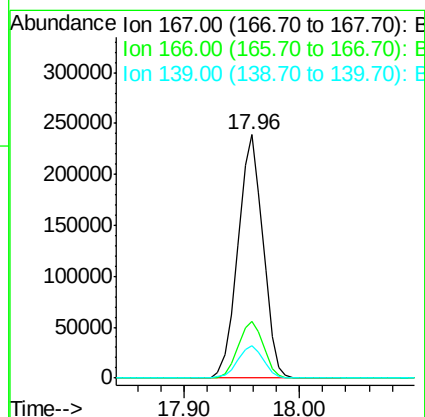
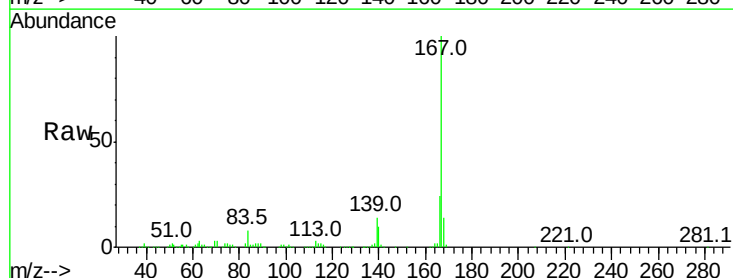
RT: 17.96 min Scan# 2573

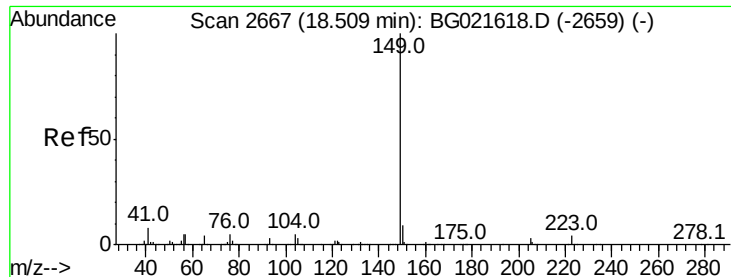
Delta R.T. 0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Tgt Ion:	167	Resp:	358077
Ion Ratio	Lower	Upper	
167	100		
166	23.5	18.6	27.8
139	13.5	10.6	15.8





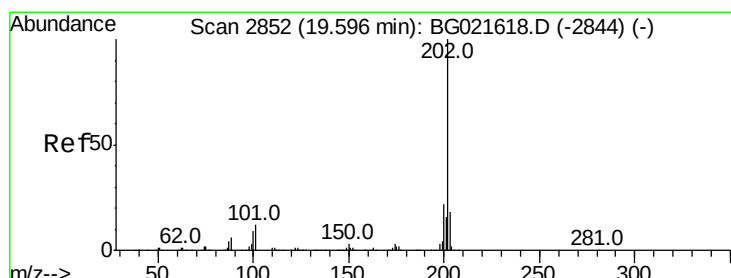
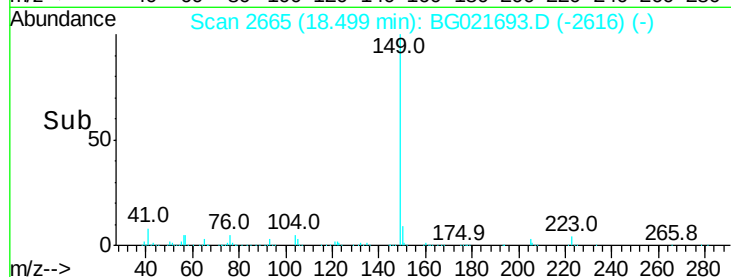
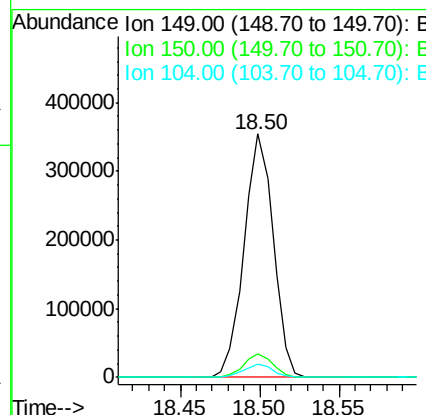
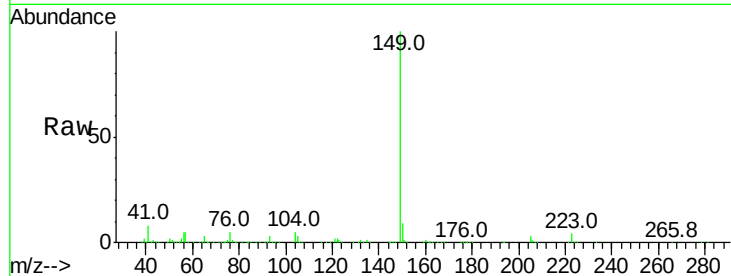
#73
Di-n-butylphthalate
Concen: 36.64 ng
RT: 18.50 min Scan# 2665
Delta R.T. -0.01 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB89849BS

Tot Ion:	149	Resp:	452910
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.4	11.0
104	5.2	4.0	6.0

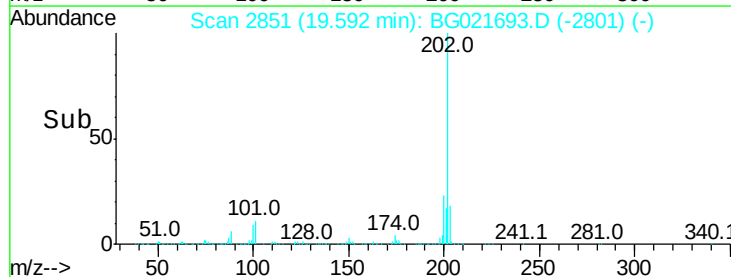
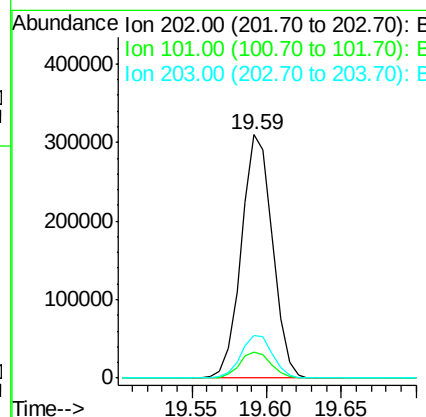
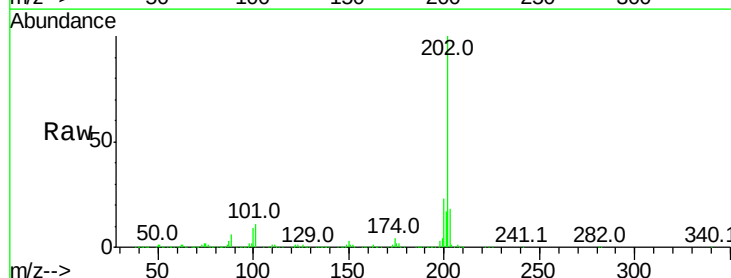
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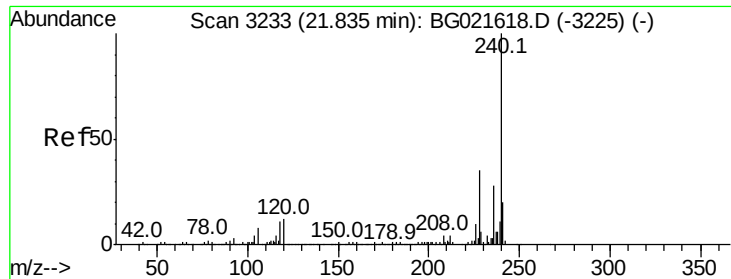
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#74
Fluoranthene
Concen: 36.42 ng
RT: 19.59 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion:	202	Resp:	445986
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	31.0
203	17.6	0.0	37.9





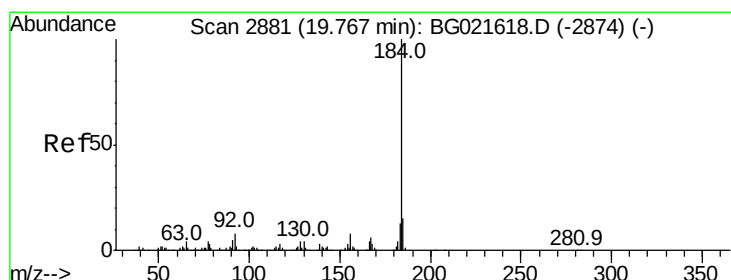
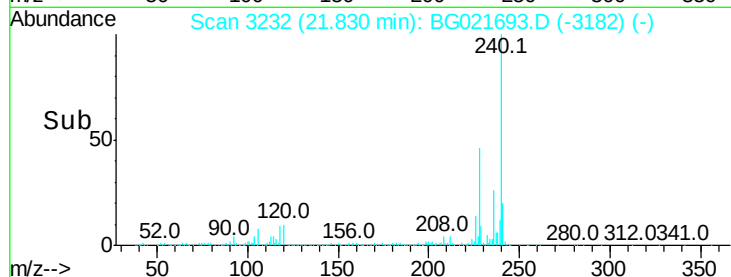
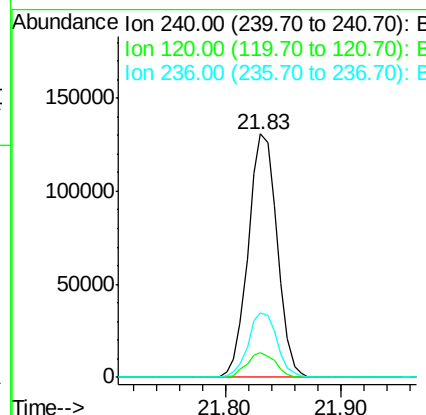
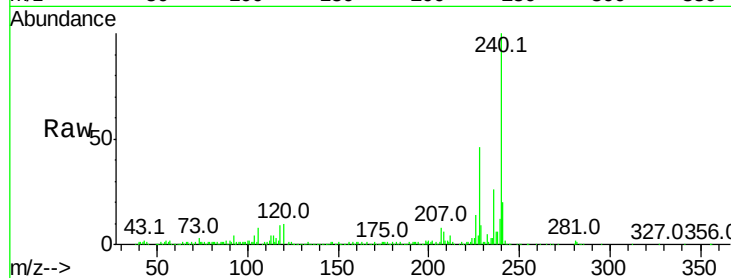
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB89849BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	226928		
120	9.9		8.4	12.6
236	26.4		19.6	29.4

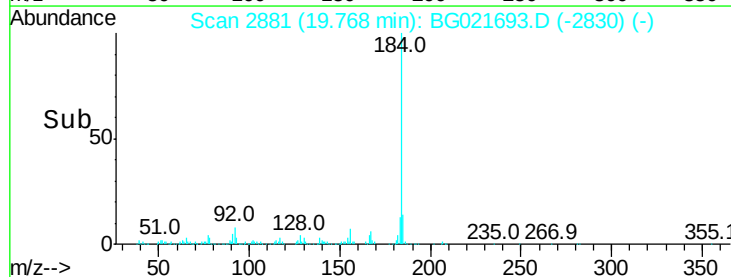
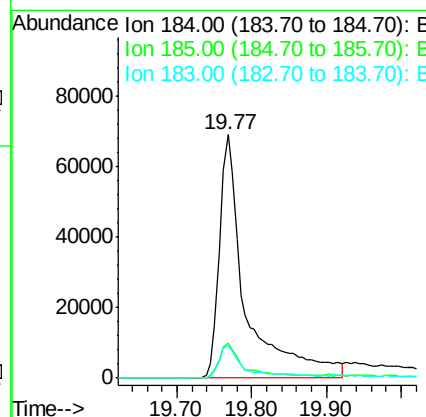
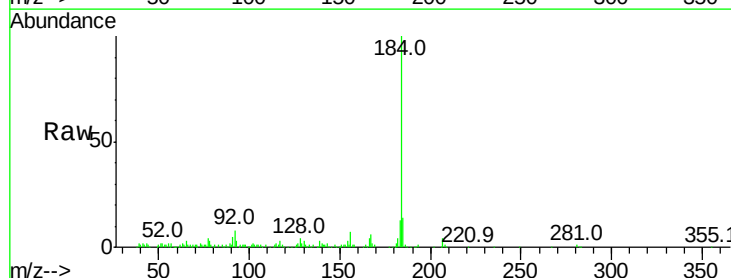
Manual Integrations
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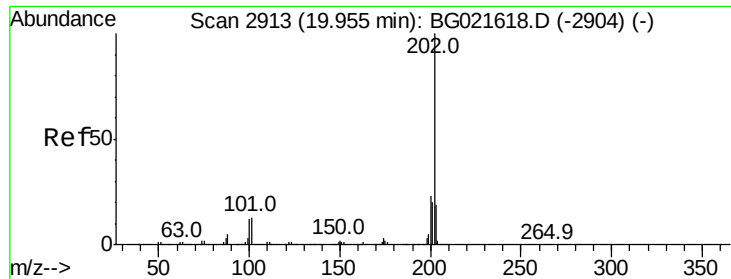
Sohil
4/18/2016 7:18:24 PM



#76
Benzidine
Concen: 24.14 ng
RT: 19.77 min Scan# 2881
Delta R.T. 0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	170555		
185	14.3		11.5	17.3
183	13.2		10.2	15.4





#77

Pvrene

Concen: 35.18 ng

RT: 19.96 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

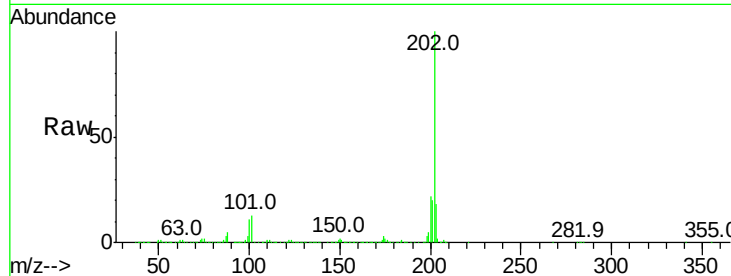
ClientSampleId :

PB89849BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.4	18.2	27.2	
203	17.8	15.0	22.4	

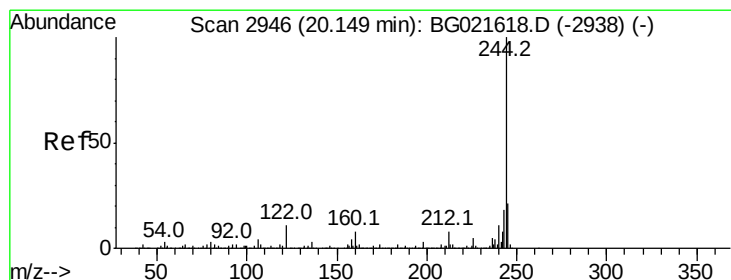
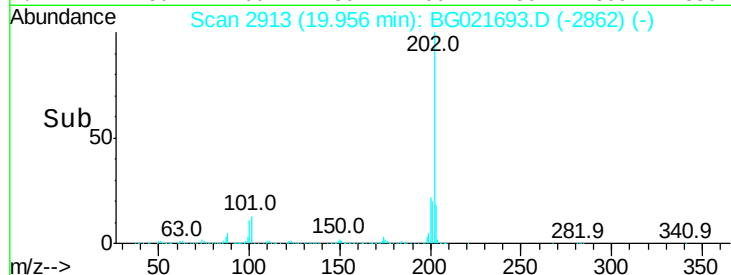
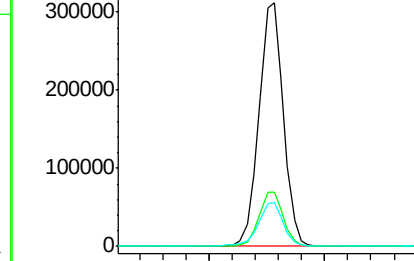
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

19.96



#78

Terphenyl-d14

Concen: 72.37 ng

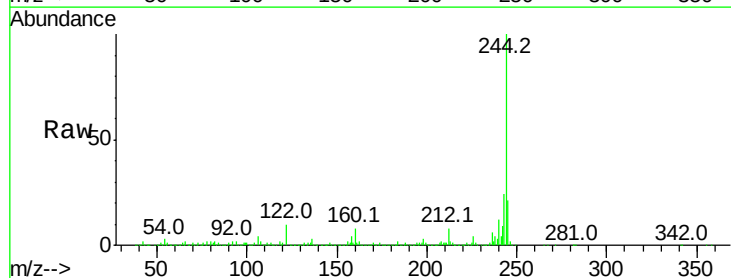
RT: 20.14 min Scan# 2945

Delta R.T. -0.00 min

Lab File: BG021693.D

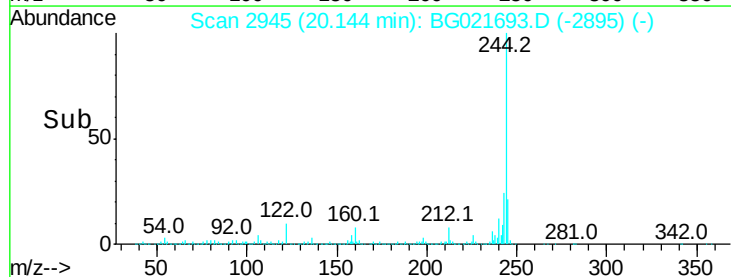
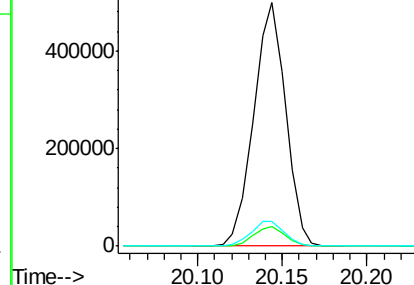
Acq: 15 Apr 2016 19:56

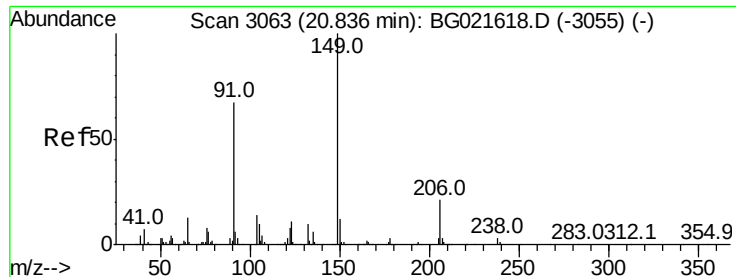
Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	8.3	6.5	9.7	
122	10.3	8.6	12.8	



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

20.14





#79

Butylbenzylphthalate

Concen: 34.40 ng

RT: 20.83 min Scan# 3061

Delta R.T. -0.01 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

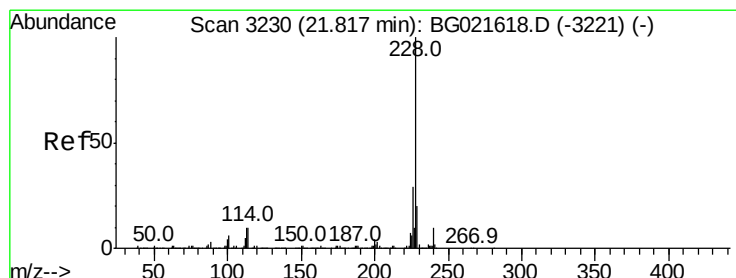
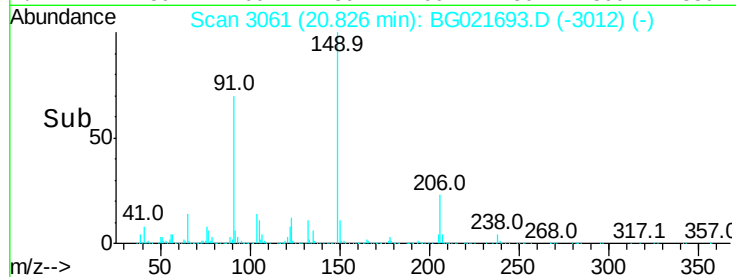
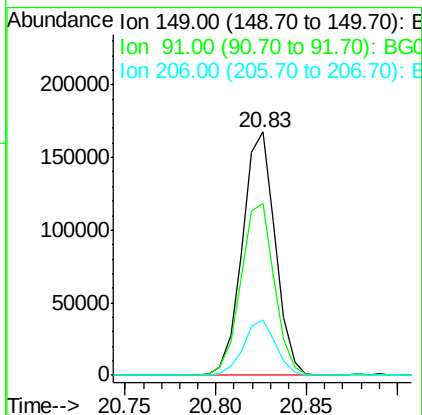
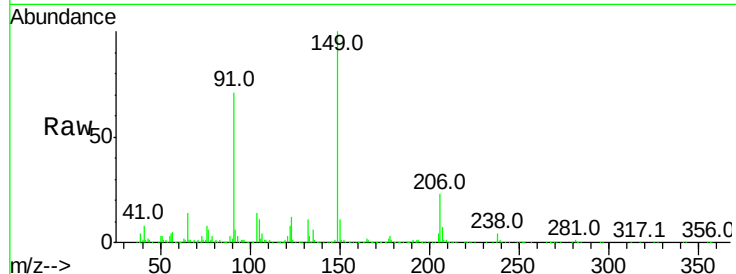
ClientSampleId :

PB89849BS

Tot Ion:	149	Resp:	208936
Ion Ratio	Lower	Upper	
149	100		
91	70.5	57.8	86.8
206	23.0	17.0	25.4

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#80

Benzo(a)anthracene

Concen: 34.94 ng

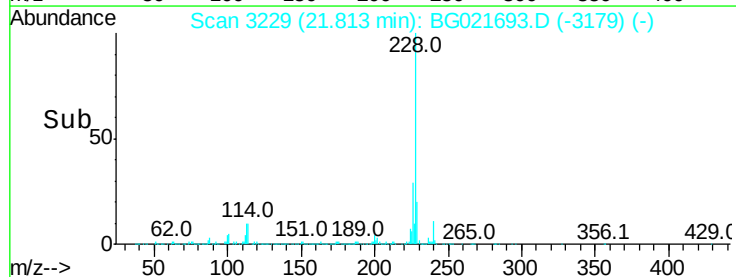
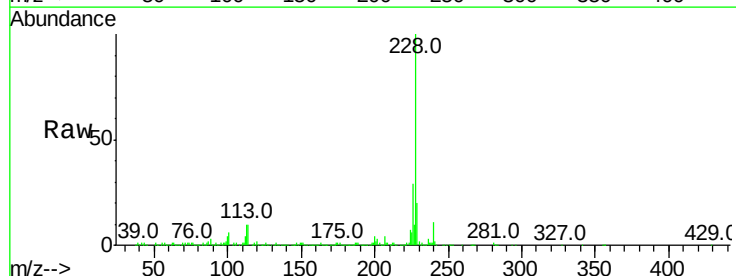
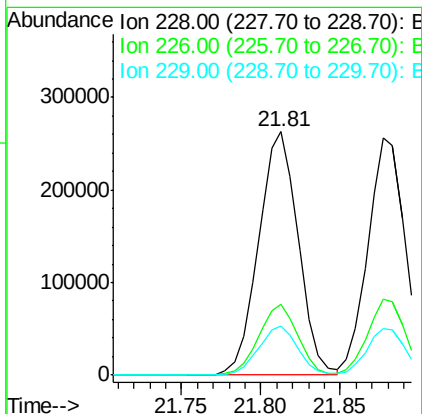
RT: 21.81 min Scan# 3229

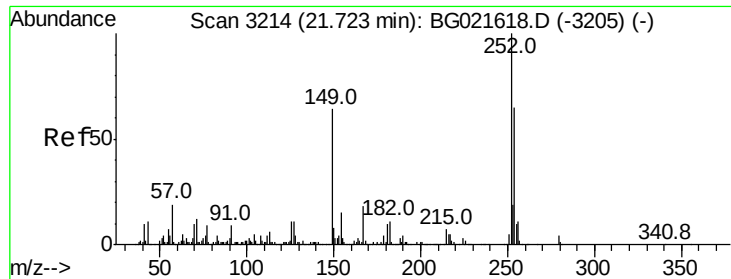
Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Tgt Ion:	228	Resp:	456324
Ion Ratio	Lower	Upper	
228	100		
226	29.3	22.6	34.0
229	20.3	16.1	24.1





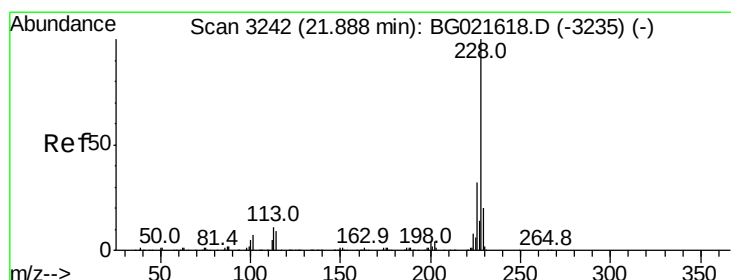
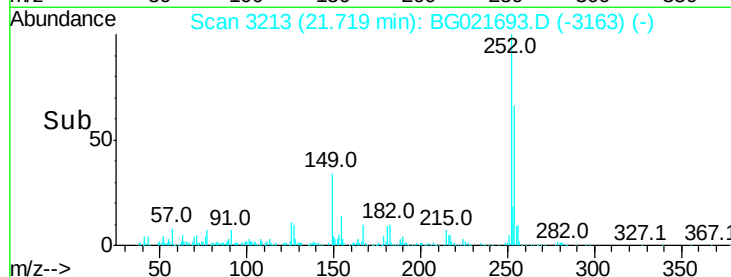
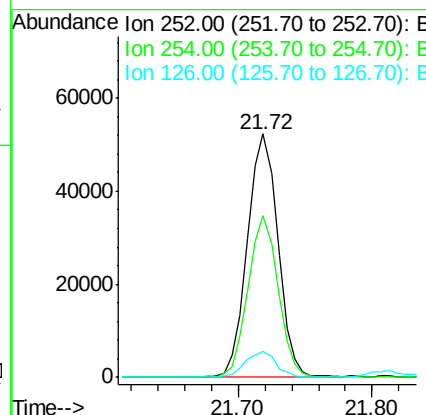
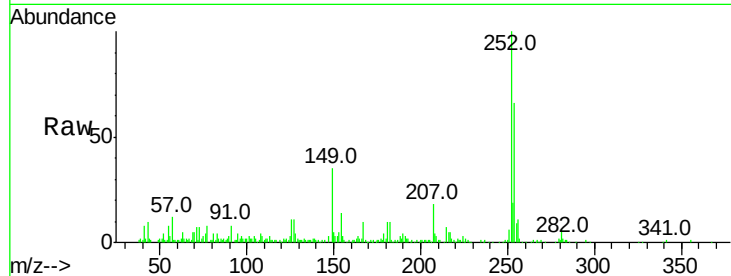
#81
 3,3'-Dichlorobenzidine
 Concen: 7.99 ng
 RT: 21.72 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB89849BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.4	51.8	77.6
126	10.7	8.8	13.2

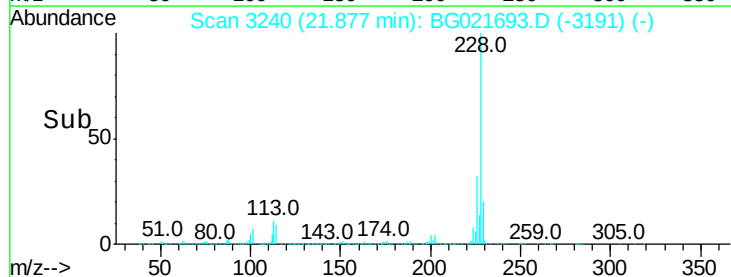
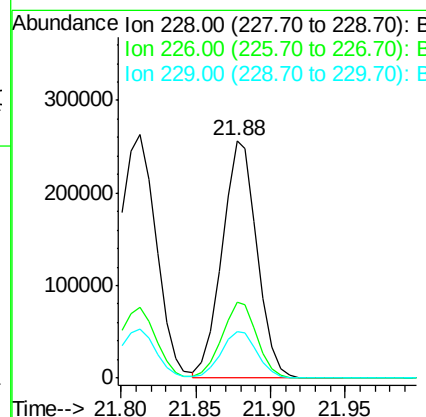
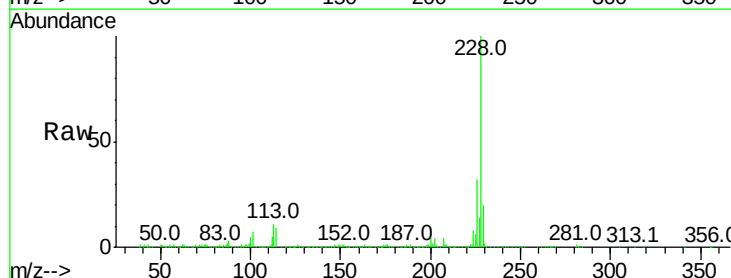
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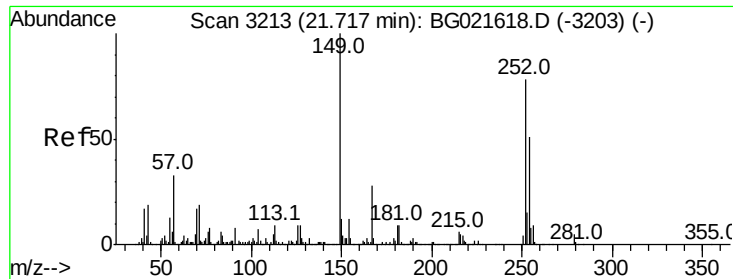
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#82
 Chrysene
 Concen: 33.37 ng
 RT: 21.88 min Scan# 3240
 Delta R.T. -0.01 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.4	38.0
229	19.8	15.9	23.9





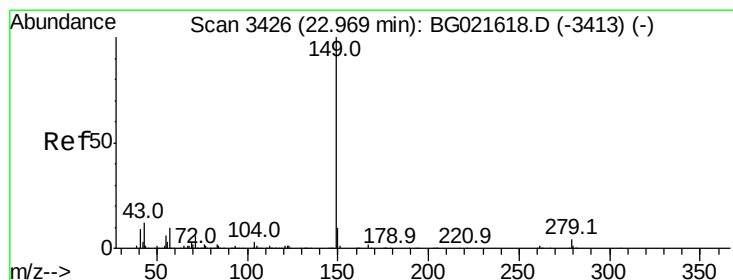
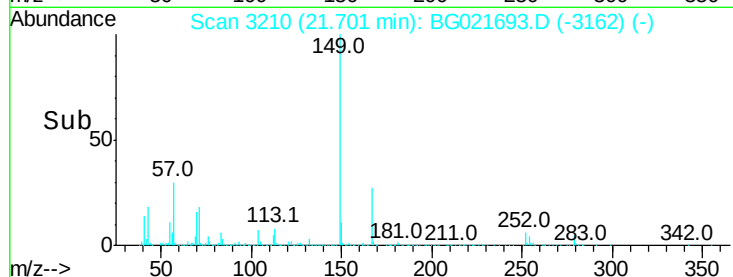
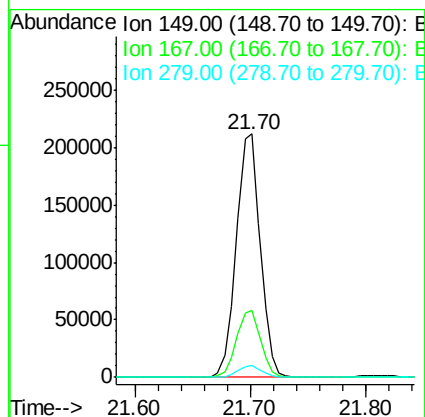
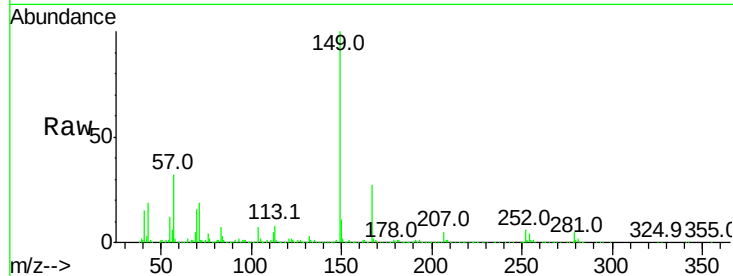
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.07 ng
 RT: 21.70 min Scan# 3210
 Delta R.T. -0.02 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB89849BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.3	22.4	33.6	
279	4.8	3.2	4.8#	

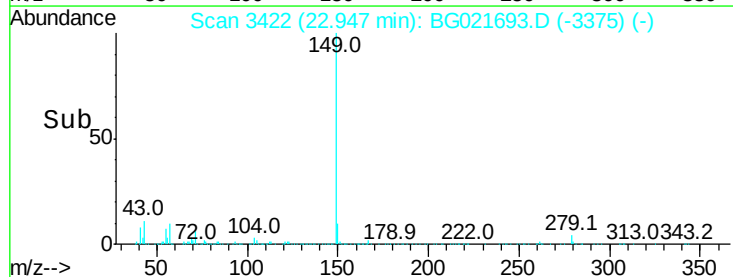
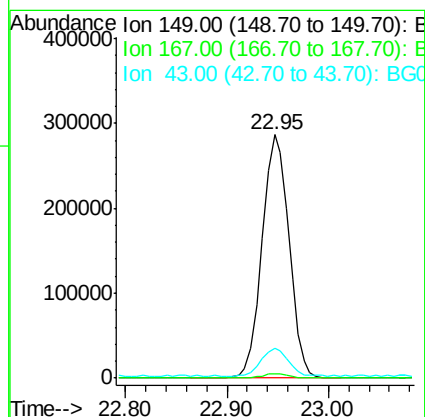
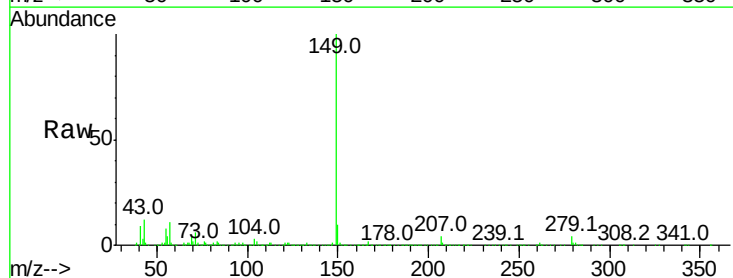
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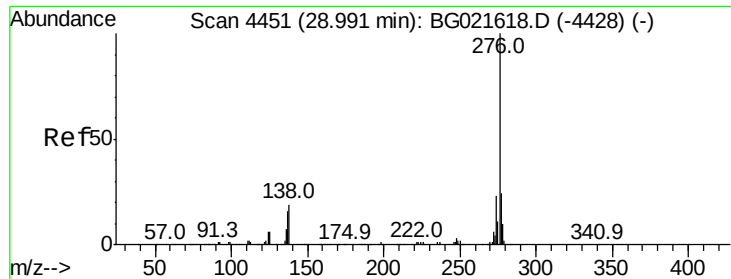
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#84
 Di-n-octyl phthalate
 Concen: 35.30 ng
 RT: 22.95 min Scan# 3422
 Delta R.T. -0.02 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.3	1.9	
43	11.5	9.8	14.6	





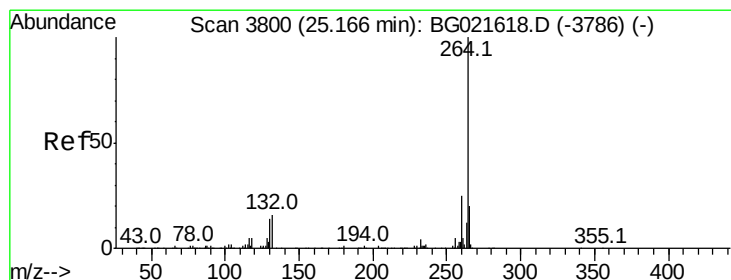
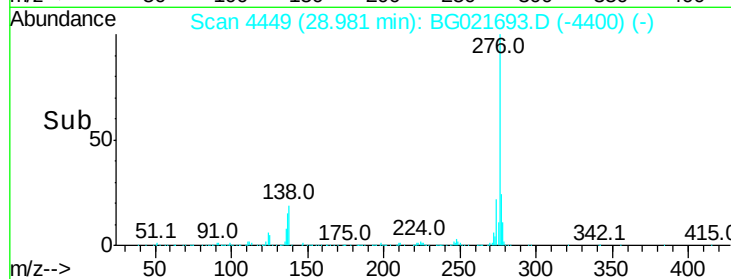
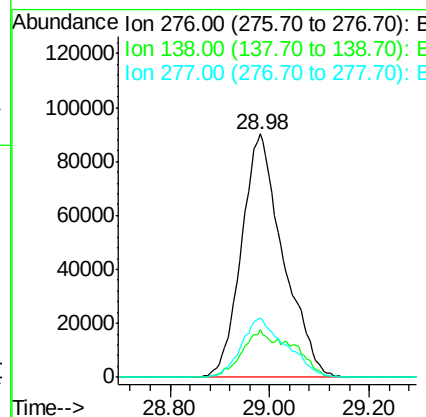
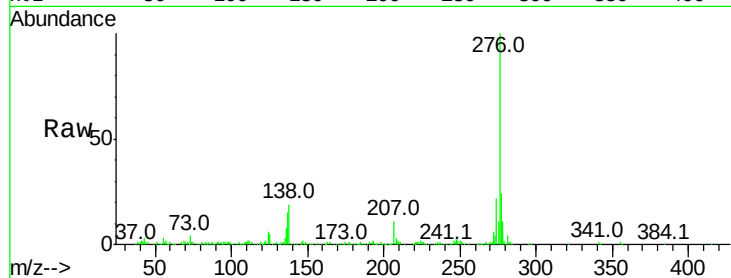
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.05 ng
RT: 28.98 min Scan# 4449
Delta R.T. -0.01 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB89849BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.8	14.0	21.0#
277	26.2	20.6	30.8

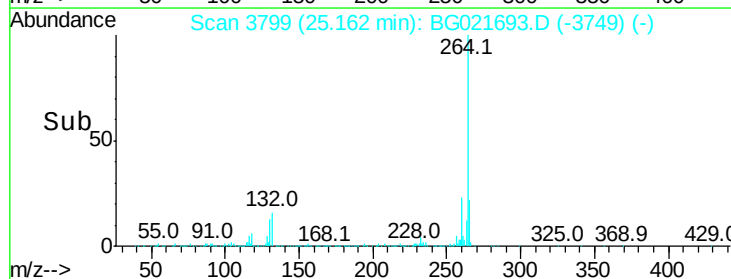
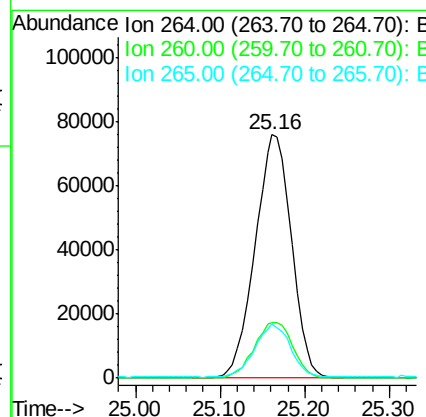
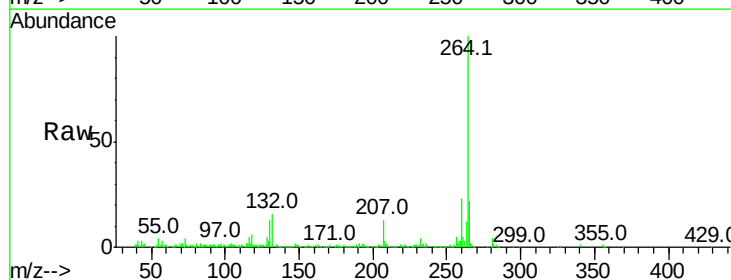
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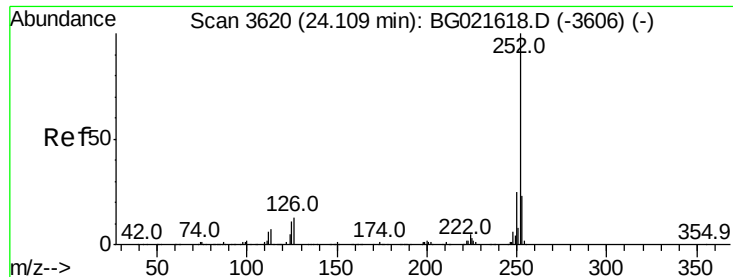
Sohil
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3799
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	20.2	30.4
265	22.3	17.8	26.8





#87

Benzo(b)fluoranthene

Concen: 34.67 ng

RT: 24.10 min Scan# 3618

Delta R.T. -0.01 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Instrument :

BNA_G

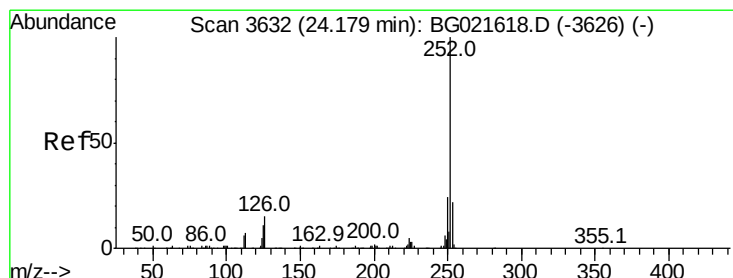
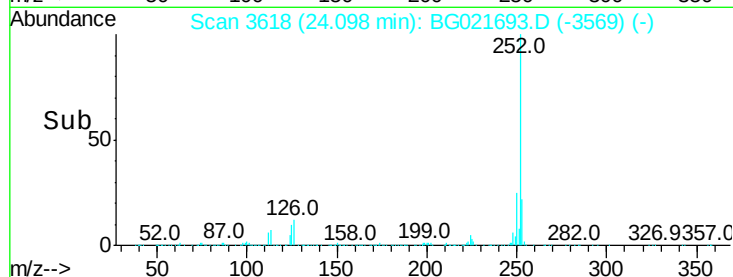
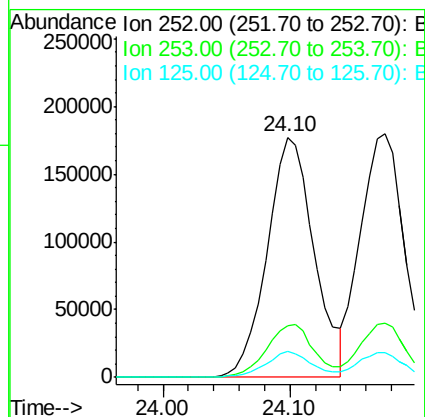
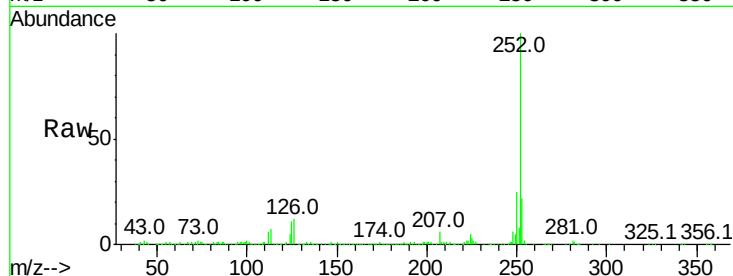
ClientSampleId :

PB89849BS

Tot Ion:	252	Resp:	457931
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.5	26.3
125	10.6	8.6	13.0

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 33.18 ng

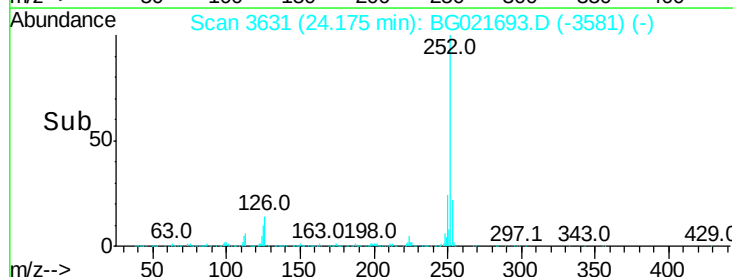
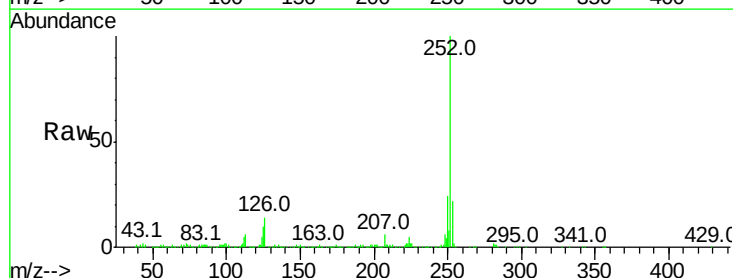
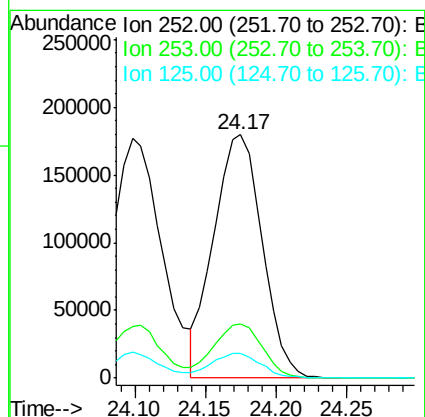
RT: 24.17 min Scan# 3631

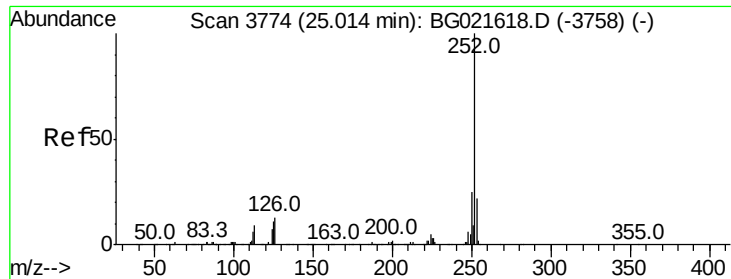
Delta R.T. -0.00 min

Lab File: BG021693.D

Acq: 15 Apr 2016 19:56

Tgt Ion:	252	Resp:	428604
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.8
125	9.9	8.3	12.5





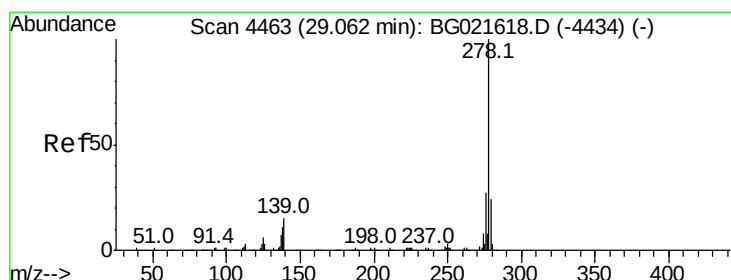
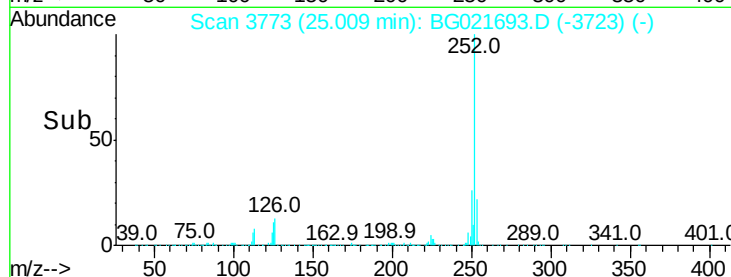
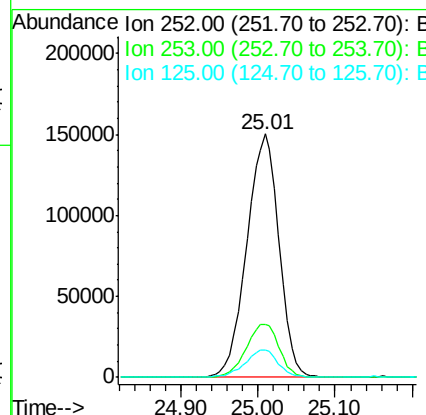
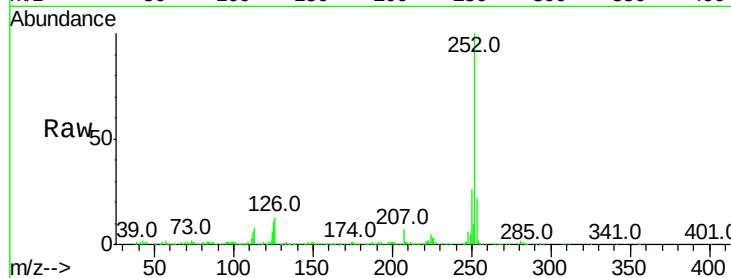
#89
Benzo(a)pyrene
Concen: 34.31 ng
RT: 25.01 min Scan# 3773
Delta R.T. -0.00 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB89849BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	11.0	9.6	14.4

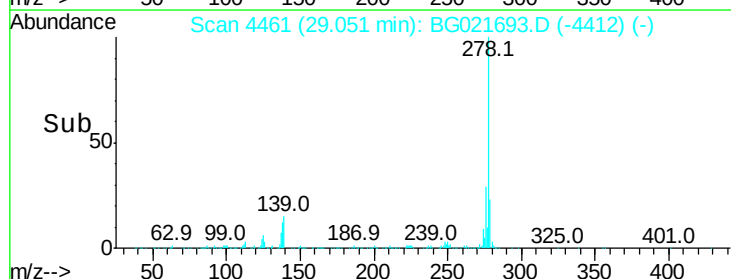
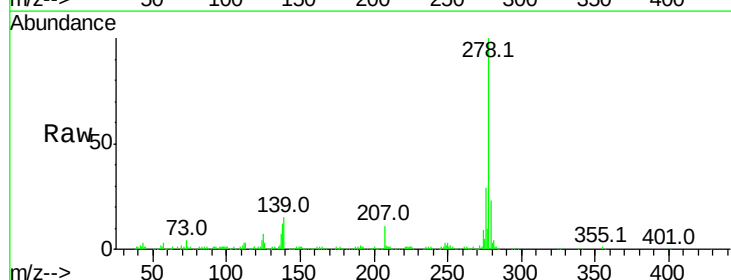
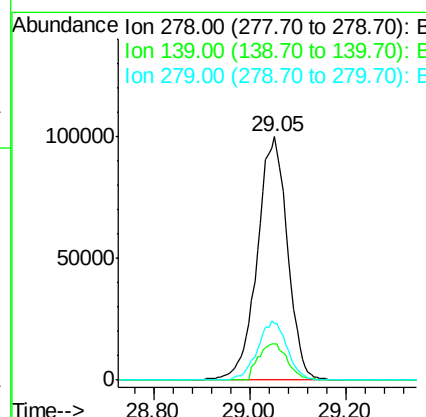
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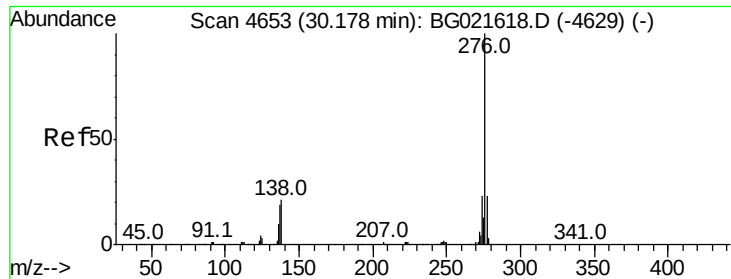
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#90
Dibenzo(a,h)anthracene
Concen: 34.12 ng
RT: 29.05 min Scan# 4461
Delta R.T. -0.01 min
Lab File: BG021693.D
Acq: 15 Apr 2016 19:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.9	17.9
279	23.4	18.2	27.2





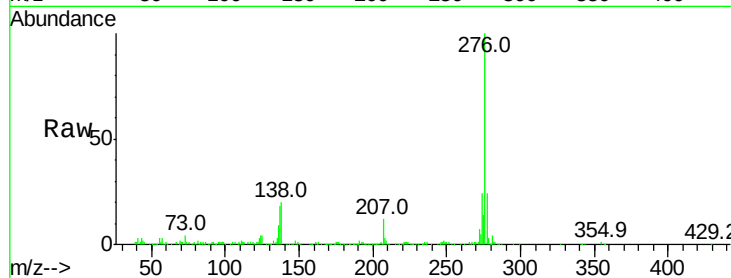
#91
 Benzo(a,h,i)perylene
 Concen: 34.14 ng
 RT: 30.18 min Scan# 4653
 Delta R.T. 0.00 min
 Lab File: BG021693.D
 Acq: 15 Apr 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB89849BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.2
138	19.5	17.4	26.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

