

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021687.D
 Acq On : 15 Apr 2016 14:38
 Operator : UM/SJ
 Sample : PB89669BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

Manual Integrations
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Sohil
 4/15/2016 4:45:01 PM

Quant Time: Apr 15 16:34:57 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	38508	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	166613	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	95814	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	207000	20.00	ng	0.00
75) Chrysene-d12	21.84	240	233489	20.00	ng	0.00
86) Perylene-d12	25.17	264	196030	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.77	112	301470	130.37	ng	0.01
7) Phenol-d6	7.38	99	421037	121.89	ng	0.02
23) Nitrobenzene-d5	9.39	82	266932	82.35	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	143348	138.82	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	576910	88.22	ng	0.00
78) Terphenyl-d14	20.15	244	761091	81.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.63	88	27281	26.50	ng	# 83
3) Pyridine	4.04	79	96290	31.17	ng	89
4) n-Nitrosodimethylamine	3.96	42	50730	33.14	ng	# 85
6) Aniline	7.55	93	44487	9.74	ng	98
8) 2-Chlorophenol	7.79	128	112610	40.62	ng	95
9) Benzaldehyde	7.35	77	35753	17.90	ng	94
10) Phenol	7.41	94	146507	39.44	ng	96
11) bis(2-Chloroethyl)ether	7.63	93	112813	37.94	ng	91
12) 1,3-Dichlorobenzene	8.11	146	117804	38.05	ng	98
13) 1,4-Dichlorobenzene	8.26	146	122356	38.82	ng	98
14) 1,2-Dichlorobenzene	8.58	146	115952	38.35	ng	96
15) Benzyl Alcohol	8.46	79	105624	40.01	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.75	45	211145	33.15	ng	98
17) 2-Methylphenol	8.66	107	100275	39.04	ng	94
18) Hexachloroethane	9.31	117	42202	36.79	ng	# 81
19) n-Nitroso-di-n-propylamine	9.03	70	91128	33.95	ng	# 96
20) 3+4-Methylphenols	8.99	107	137201	39.03	ng	98
22) Acetophenone	9.04	105	168213	36.25	ng	# 99
24) Nitrobenzene	9.43	77	134846	38.85	ng	94
25) Isophorone	9.96	82	247405	34.87	ng	99
26) 2-Nitrophenol	10.14	139	52842	39.88	ng	96
27) 2,4-Dimethylphenol	10.20	122	110562	36.73	ng	99
28) bis(2-Chloroethoxy)methane	10.43	93	147692	39.18	ng	92
29) 2,4-Dichlorophenol	10.68	162	112713	43.92	ng	98
30) 1,2,4-Trichlorobenzene	10.90	180	114907	41.64	ng	94
31) Naphthalene	11.09	128	354997	39.81	ng	# 95
32) Benzoic acid	10.32	122	69355	42.07	ng	99
33) 4-Chloroaniline	11.19	127	37121	9.62	ng	96
34) Hexachlorobutadiene	11.37	225	75136	42.21	ng	98
35) Caprolactam	11.98	113	38896m	33.12	ng	
36) 4-Chloro-3-methylphenol	12.29	107	124498	38.58	ng	99
37) 2-Methylnaphthalene	12.68	142	251272	41.05	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	128593	42.94	ng	98
40) Hexachlorocyclopentadiene	13.01	237	39493	23.74	ng	100

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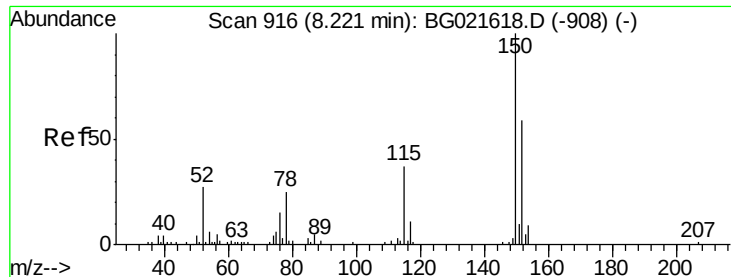
Manual Integrations
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 4/15/2016 4:45:01 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	86910	45.52	ng	96
43) 2,4,5-Trichlorophenol	13.35	196	91392	44.36	ng	95
45) 1,1'-Biphenyl	13.67	154	321682	39.85	ng	97
46) 2-Chloronaphthalene	13.72	162	247642	41.49	ng	98
47) 2-Nitroaniline	13.91	65	89593	43.78	ng	96
48) Acenaphthylene	14.56	152	394114	39.94	ng	97
49) Dimethylphthalate	14.27	163	305993	36.94	ng	98
50) 2,6-Dinitrotoluene	14.40	165	65134	41.23	ng	98
51) Acenaphthene	14.89	154	241442	38.27	ng	97
52) 3-Nitroaniline	14.73	138	48095	27.45	ng	98
53) 2,4-Dinitrophenol	14.93	184	3572	12.79	ng	# 82
54) Dibenzofuran	15.23	168	378717	43.97	ng	97
55) 4-Nitrophenol	15.03	139	120828	80.55	ng	97
56) 2,4-Dinitrotoluene	15.18	165	85466	40.03	ng	96
57) Fluorene	15.87	166	303917	39.51	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.44	232	82383	48.19	ng	99
59) Diethylphthalate	15.63	149	310897	35.95	ng	96
60) 4-Chlorophenyl-phenylether	15.85	204	149925	39.57	ng	98
61) 4-Nitroaniline	15.88	138	72668	37.70	ng	97
62) Azobenzene	16.15	77	303865	41.01	ng	99
64) 4,6-Dinitro-2-methylphenol	15.94	198	3050	8.54	ng	90
65) n-Nitrosodiphenylamine	16.07	169	265059	42.69	ng	97
66) 4-Bromophenyl-phenylether	16.75	248	95431	43.03	ng	97
67) Hexachlorobenzene	16.87	284	100762	43.04	ng	96
68) Atrazine	17.01	200	100731	41.09	ng	99
69) Pentachlorophenol	17.21	266	127507	95.40	ng	94
70) Phenanthrene	17.60	178	471356	41.32	ng	98
71) Anthracene	17.70	178	478315	41.30	ng	97
72) Carbazole	17.96	167	439414	40.65	ng	97
73) Di-n-butylphthalate	18.50	149	540560	39.31	ng	99
74) Fluoranthene	19.60	202	537208	39.43	ng	99
76) Benzidine	19.77	184	215143	29.59	ng	100
77) Pyrene	19.96	202	554484	41.18	ng	99
79) Butylbenzylphthalate	20.83	149	251381	40.22	ng	99
80) Benzo(a)anthracene	21.82	228	553072	41.16	ng	98
81) 3,3'-Dichlorobenzidine	21.72	252	114633	10.78	ng	99
82) Chrysene	21.89	228	514566	39.86	ng	98
83) Bis(2-ethylhexyl)phthalate	21.71	149	365267	39.96	ng	# 99
84) Di-n-octyl phthalate	22.96	149	634322	41.43	ng	100
85) Indeno(1,2,3-cd)pyrene	28.99	276	334042	21.77	ng	# 88
87) Benzo(b)fluoranthene	24.11	252	484263	42.57	ng	99
88) Benzo(k)fluoranthene	24.19	252	525447	47.24	ng	98
89) Benzo(a)pyrene	25.02	252	459256	41.67	ng	98
90) Dibenzo(a,h)anthracene	29.07	278	302052	27.34	ng	99
91) Benzo(g,h,i)perylene	30.18	276	253927	23.42	ng	97

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



#1

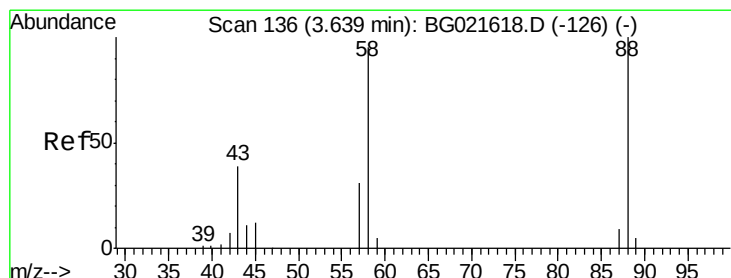
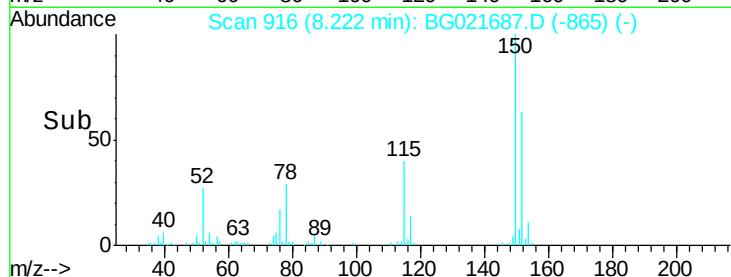
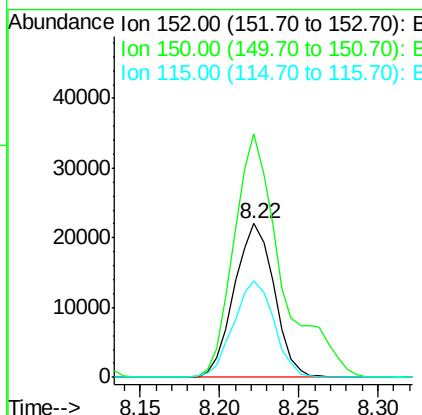
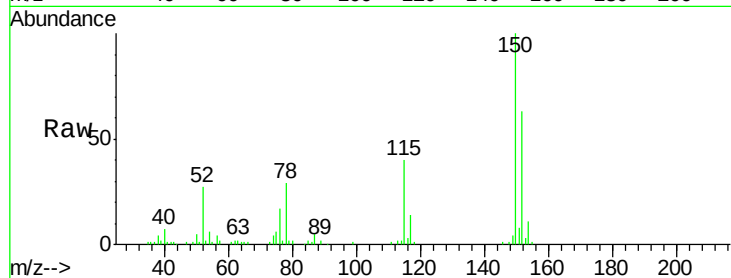
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.22 min Scan# 916
Delta R.T. 0.00 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Instrument :
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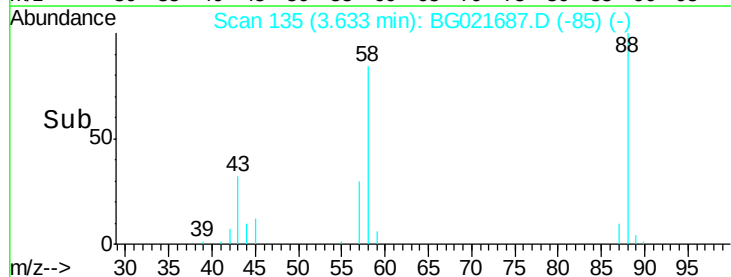
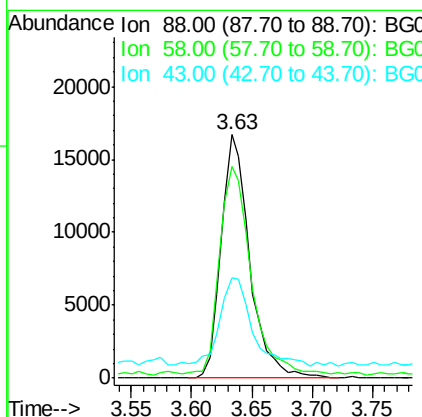
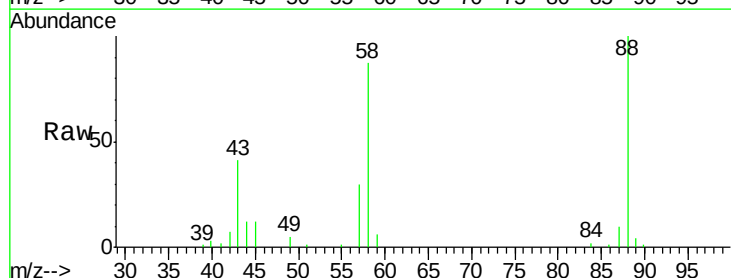
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.3	130.1	195.1
115	63.1	62.2	93.2

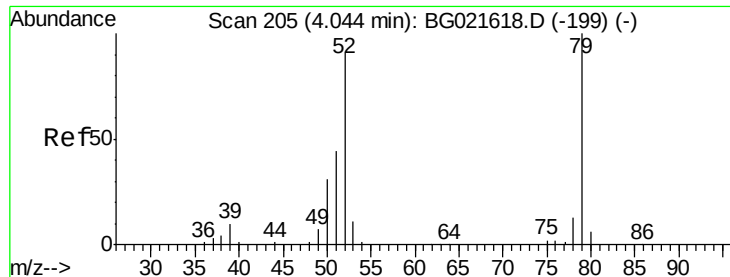


#2

1,4-Dioxane
Concen: 26.50 ng
RT: 3.63 min Scan# 135
Delta R.T. -0.01 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.9	61.8	92.8#
43	42.4	27.3	40.9#





#3

Pyridine

Concen: 31.17 ng

RT: 4.04 min Scan# 205

Delta R.T. 0.00 min

Lab File: BG021687.D

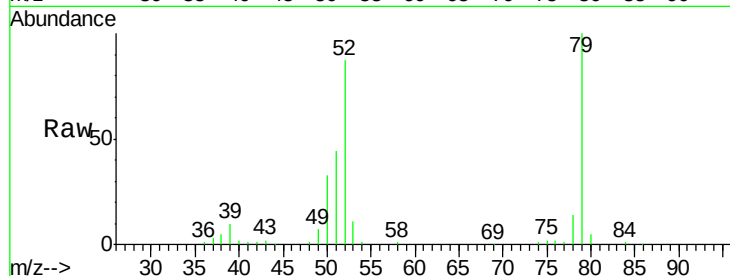
Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

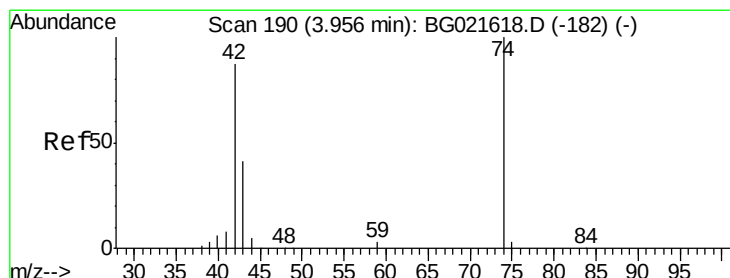
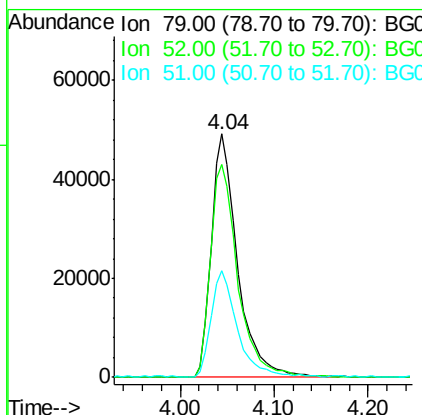
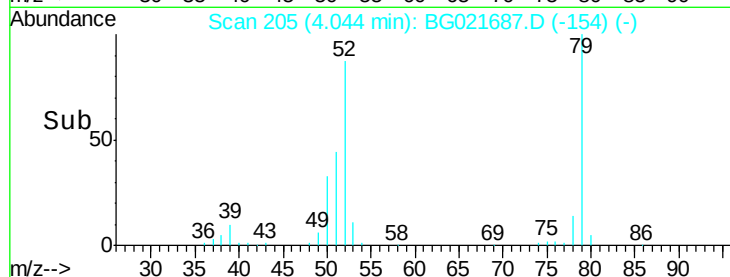
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Tgt Ion	Ratio	Lower	Upper
79	100		
52	87.3	77.2	115.8
51	43.6	42.5	63.7

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#4

n-Nitrosodimethylamine

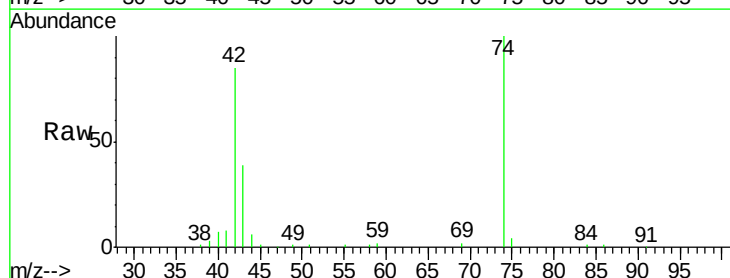
Concen: 33.14 ng

RT: 3.96 min Scan# 190

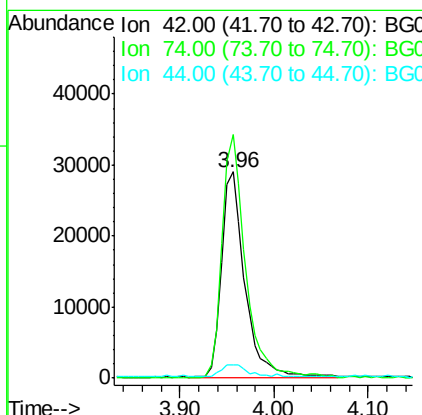
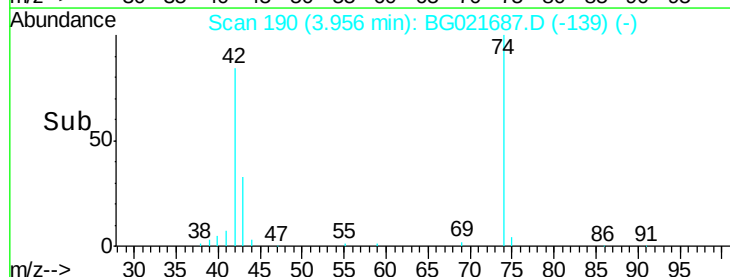
Delta R.T. 0.00 min

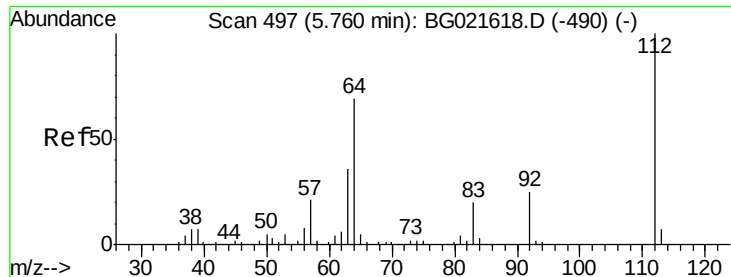
Lab File: BG021687.D

Acq: 15 Apr 2016 14:38



Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.2	83.0	124.4
44	6.5	11.0	16.6





#5

2-Fluorophenol

Concen: 130.37 ng

RT: 5.77 min Scan# 499

Delta R.T. 0.01 min

Lab File: BG021687.D

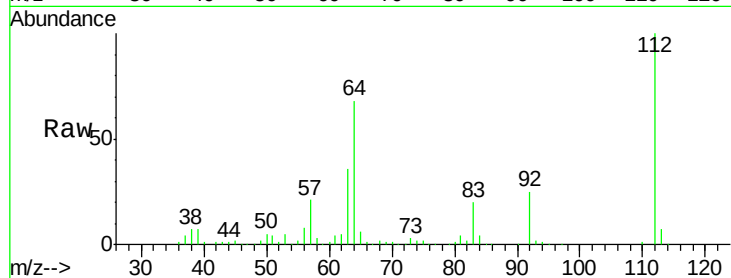
Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

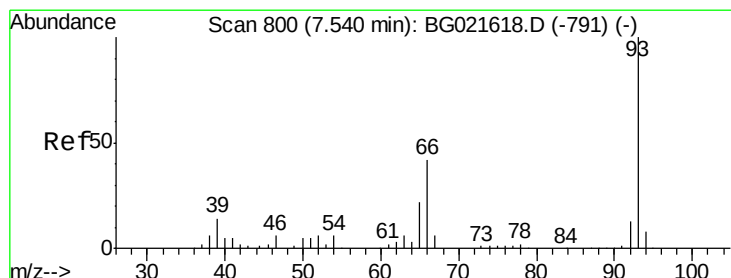
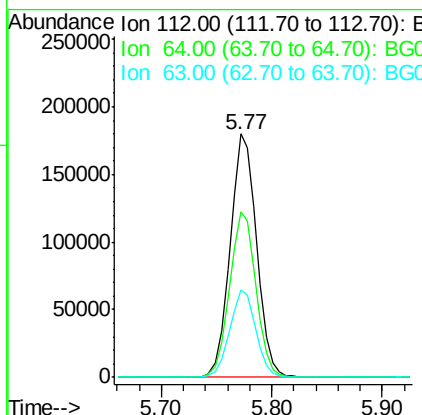
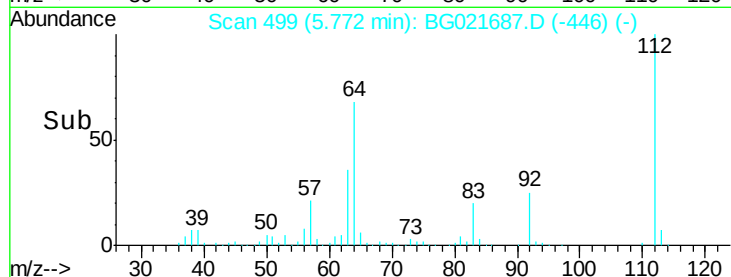
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Tgt Ion:	112	Resp:	301470
Ion Ratio	Lower	Upper	
112	100		
64	67.8	51.1	76.7
63	35.8	24.6	37.0

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#6

Aniline

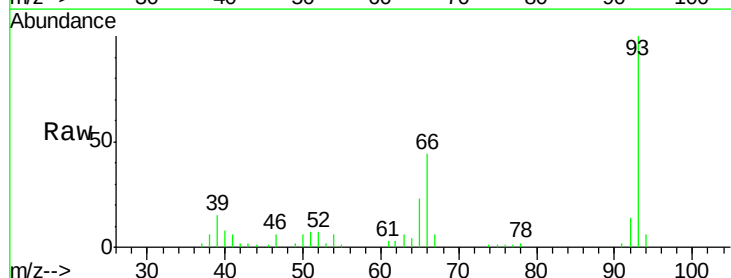
Concen: 9.74 ng

RT: 7.55 min Scan# 801

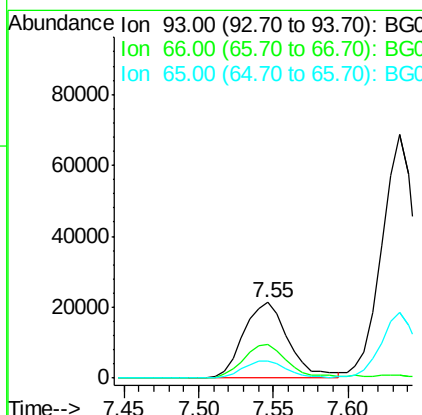
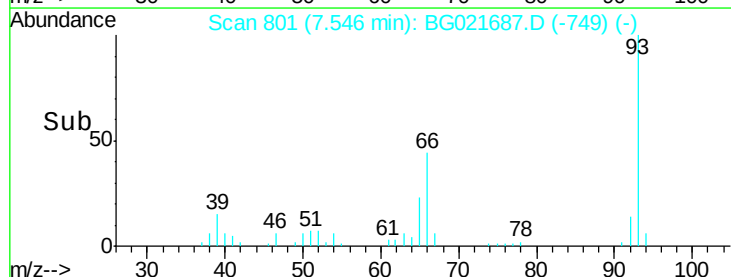
Delta R.T. 0.01 min

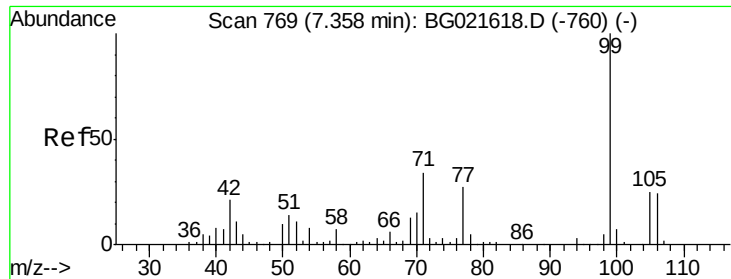
Lab File: BG021687.D

Acq: 15 Apr 2016 14:38



Tgt Ion:	93	Resp:	44487
Ion Ratio	Lower	Upper	
93	100		
66	43.9	36.3	54.5
65	23.1	18.4	27.6





#7

Phenol-d6

Concen: 121.89 ng

RT: 7.38 min Scan# 772

Delta R.T. 0.02 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

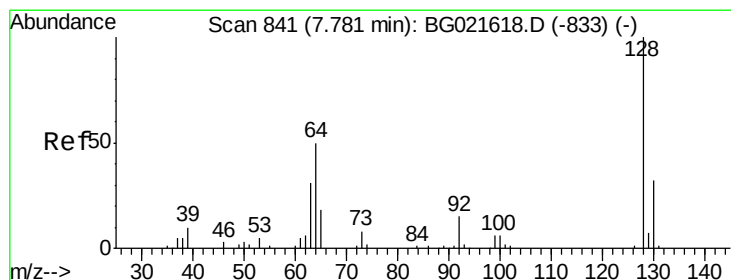
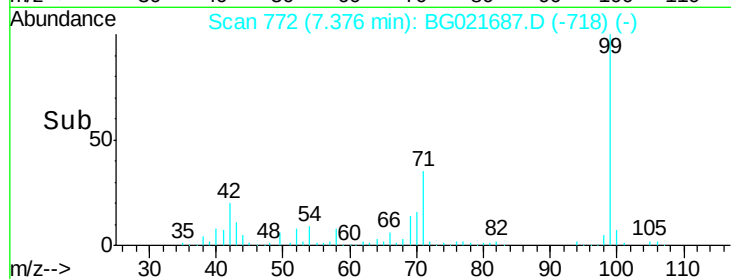
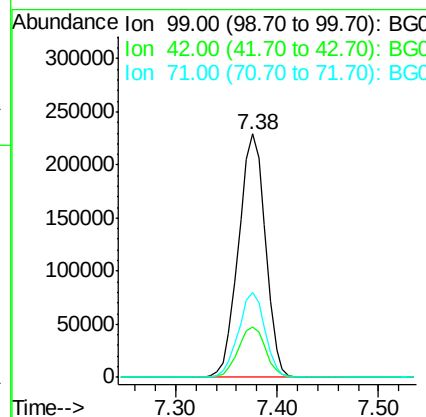
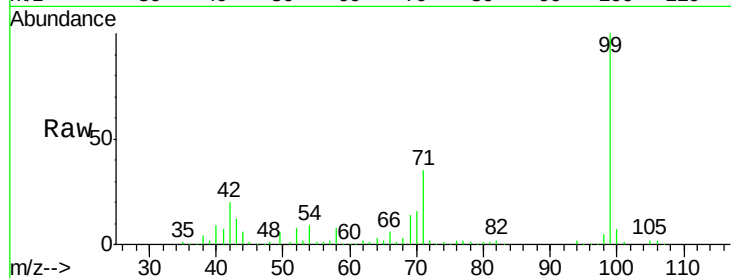
ClientSampleId :

PB89669BS

Tgt Ion:	99	Resp:	421037
Ion Ratio	Lower	Upper	
99	100		
42	20.5	16.4	24.6
71	34.8	25.0	37.4

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#8

2-Chlorophenol

Concen: 40.62 ng

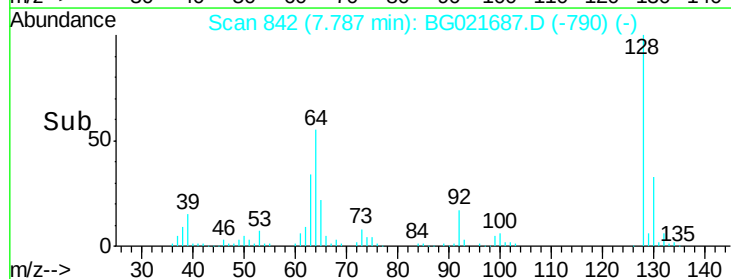
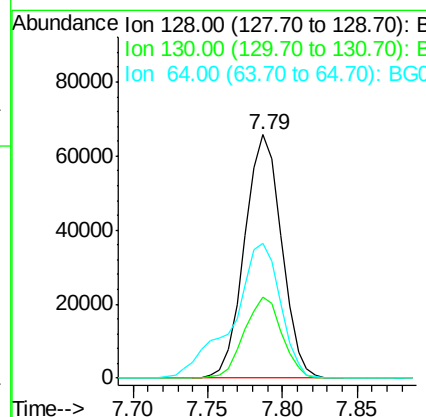
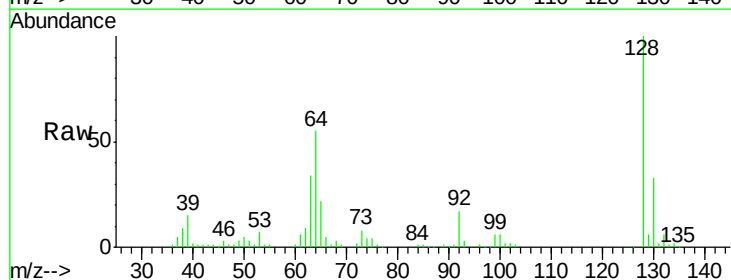
RT: 7.79 min Scan# 842

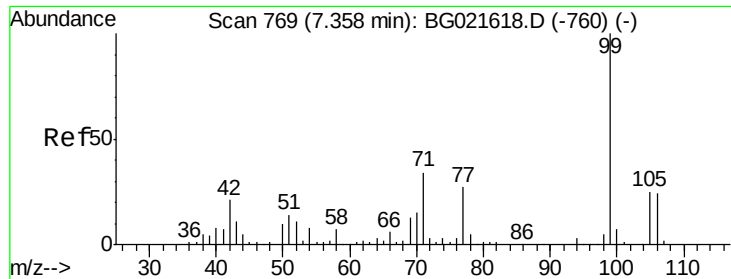
Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Tgt Ion:	128	Resp:	112610
Ion Ratio	Lower	Upper	
128	100		
130	33.5	11.2	51.2
64	55.2	39.8	79.8





#9

Benzaldehyde

Concen: 17.90 ng

RT: 7.35 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG021687.D

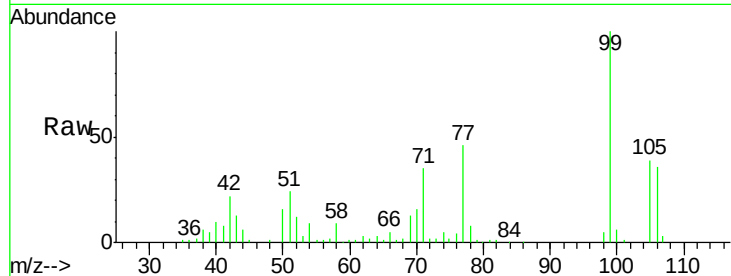
Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

PB89669BS



Tgt Ion: 77 Resp: 35753

Ion Ratio Lower Upper

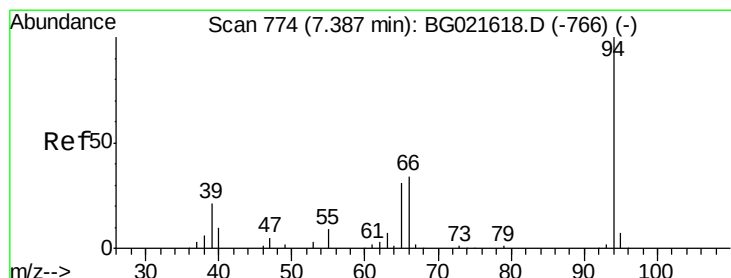
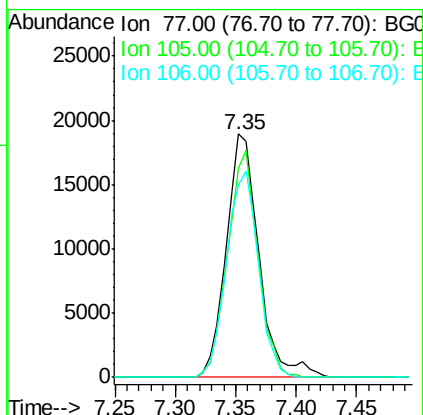
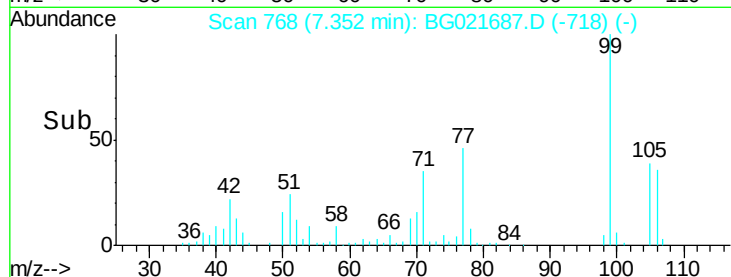
77 100

105 85.7 62.1 102.1

106 79.0 65.6 105.6

Manual Integrations
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#10

Phenol

Concen: 39.44 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.02 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

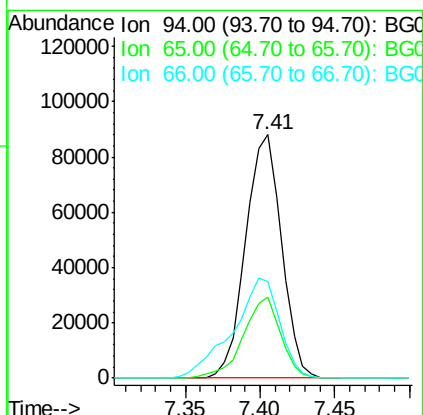
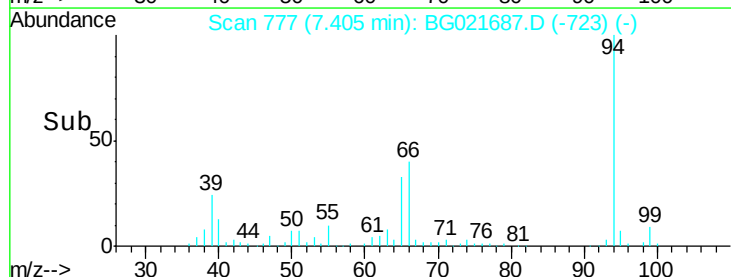
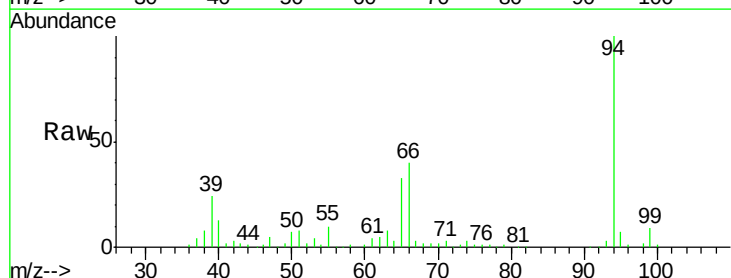
Tgt Ion: 94 Resp: 146507

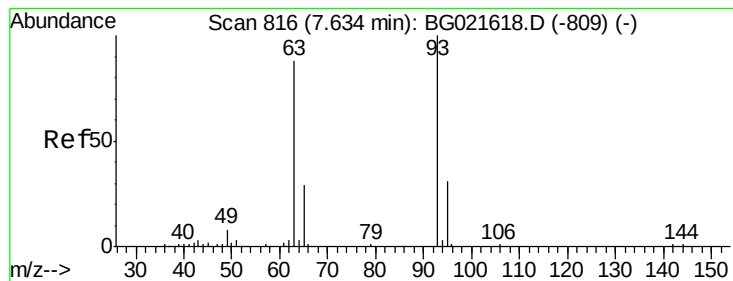
Ion Ratio Lower Upper

94 100

65 33.2 9.8 49.8

66 39.8 20.8 60.8





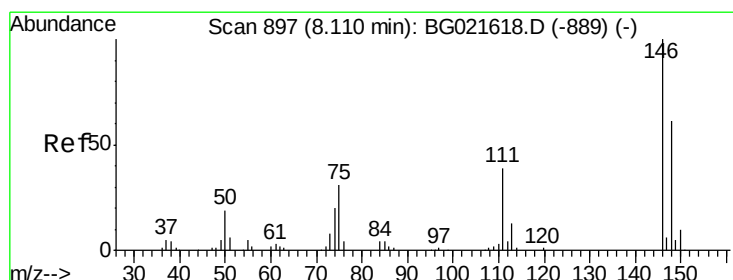
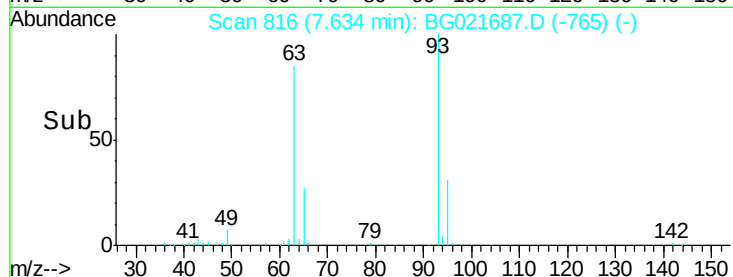
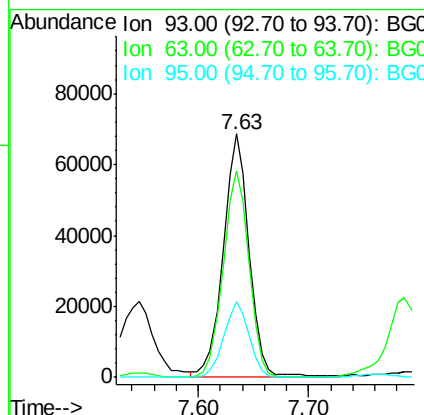
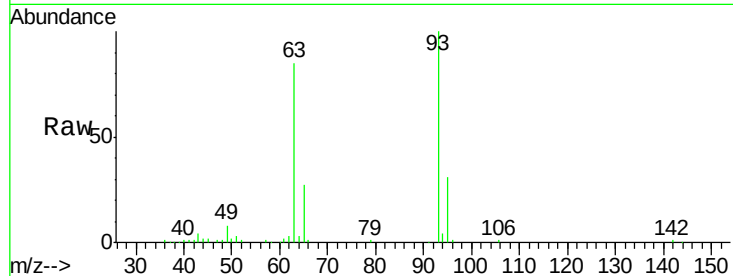
#11
bis(2-Chloroethyl)ether
Concen: 37.94 ng
RT: 7.63 min Scan# 816
Delta R.T. 0.00 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Instrument :
BNA_G
ClientSampleId :
PB89669BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	84.8	74.9	114.9
95	31.1	8.3	48.3

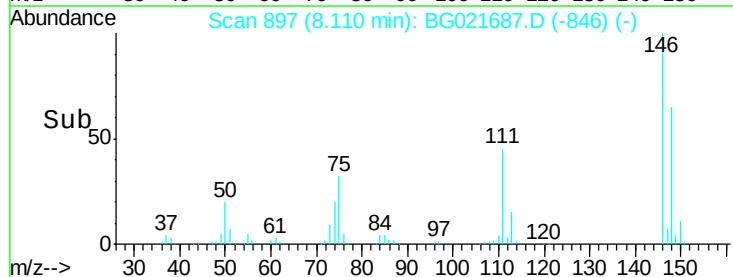
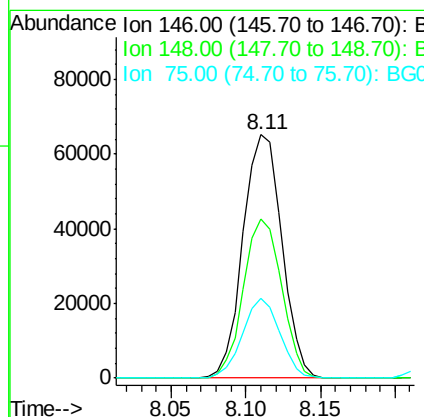
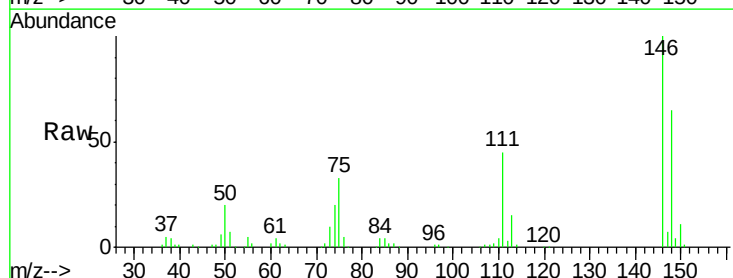
Manual Integrations
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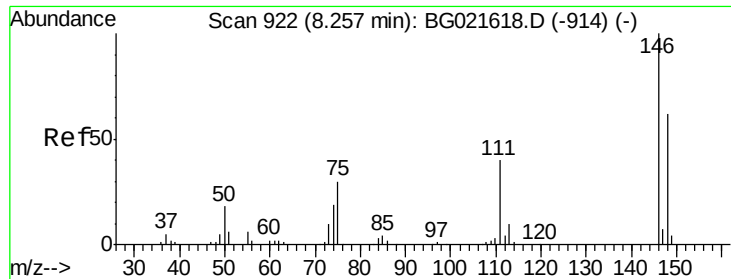
Sohil
4/15/2016 4:45:01 PM



#12
1,3-Dichlorobenzene
Concen: 38.05 ng
RT: 8.11 min Scan# 897
Delta R.T. 0.00 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	65.2	53.7	80.5
75	32.8	27.4	41.0





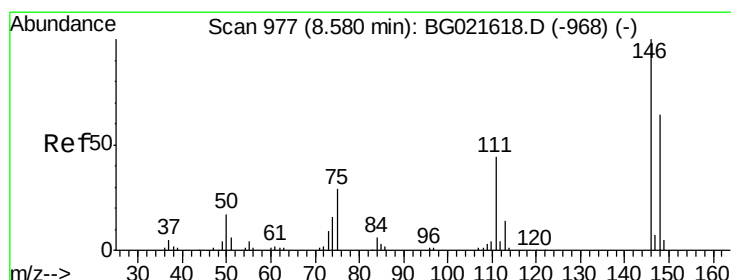
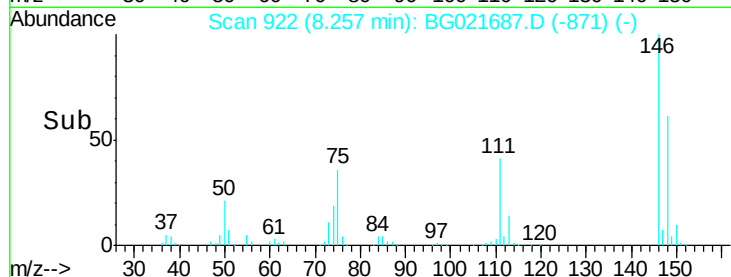
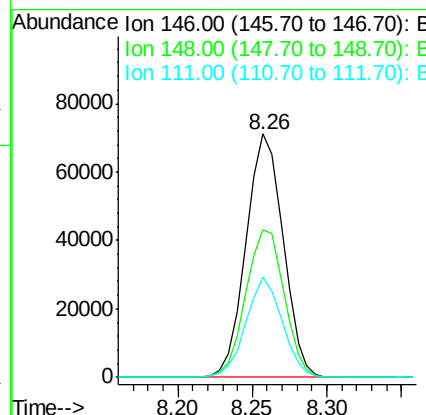
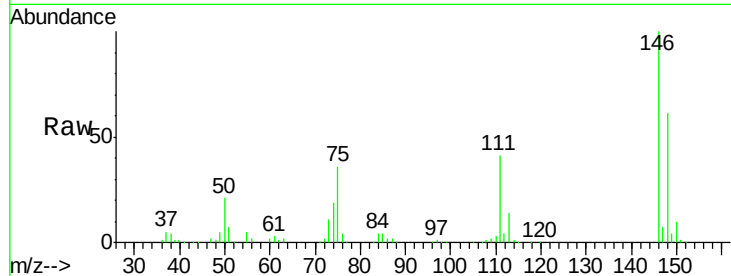
#13
 1,4-Dichlorobenzene
 Concen: 38.82 ng
 RT: 8.26 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	122356		
148	60.6	46.7	70.1	
111	41.0	33.0	49.6	

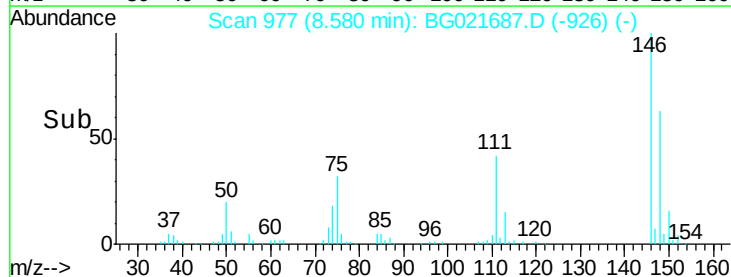
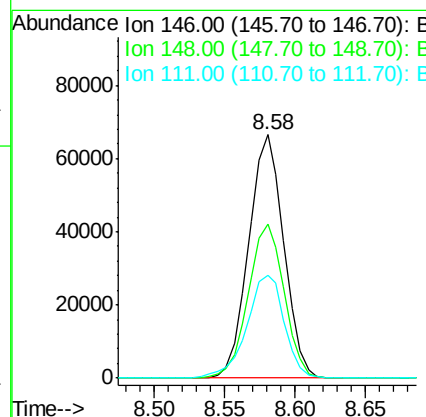
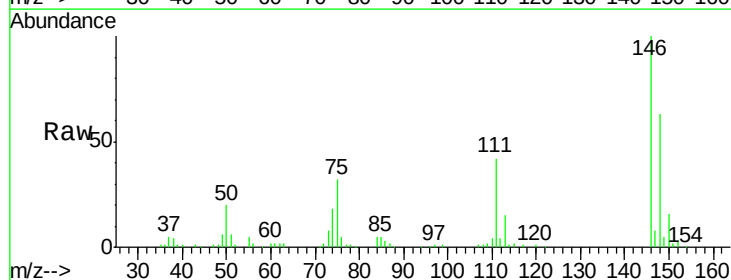
Manual Integrations
 APPROVED

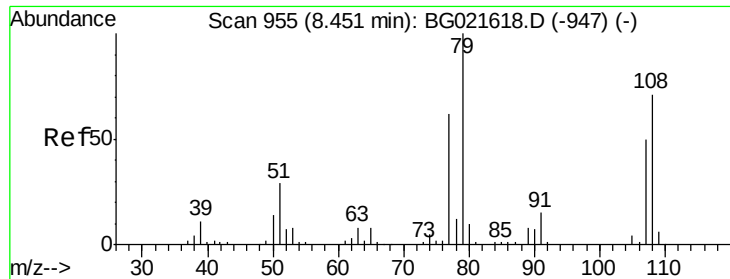
Sohil
 4/15/2016 4:45:01 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.35 ng
 RT: 8.58 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	115952		
148	63.2	52.6	79.0	
111	42.0	36.1	54.1	





#15

Benzyl Alcohol

Concen: 40.01 ng

RT: 8.46 min Scan# 956

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

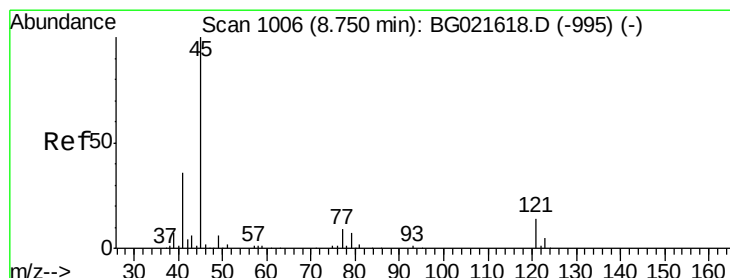
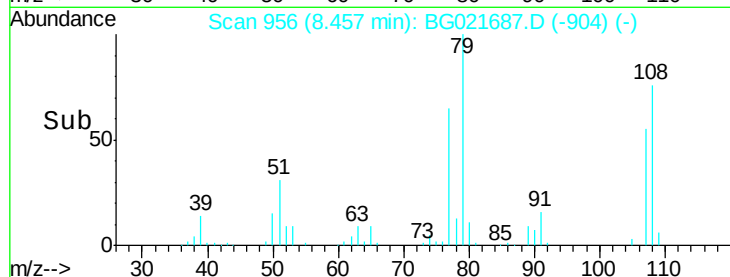
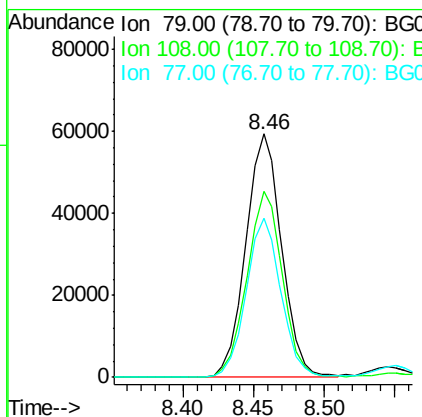
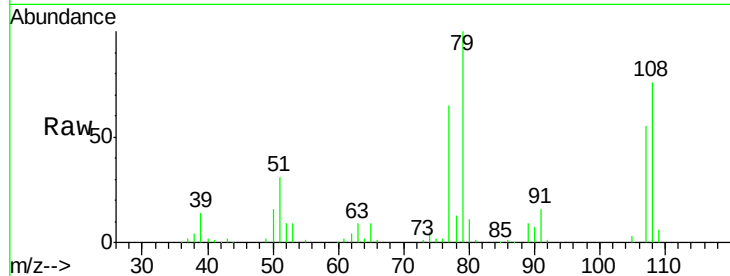
ClientSampleId :

PB89669BS

Tgt Ion:	79	Resp:	105624
Ion Ratio	Lower	Upper	
79	100		
108	76.2	59.4	89.0
77	65.1	52.2	78.2

Manual Integrations
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Sohil
4/15/2016 4:45:01 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.15 ng

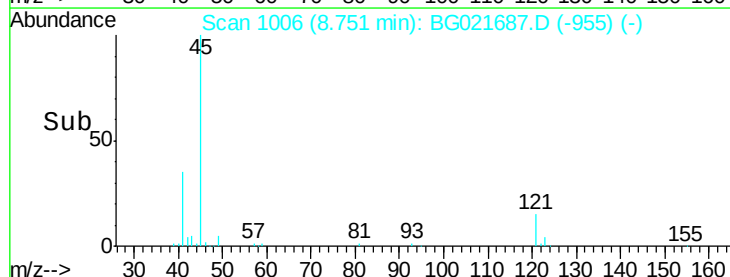
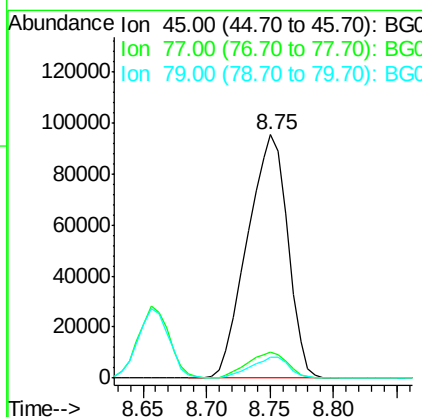
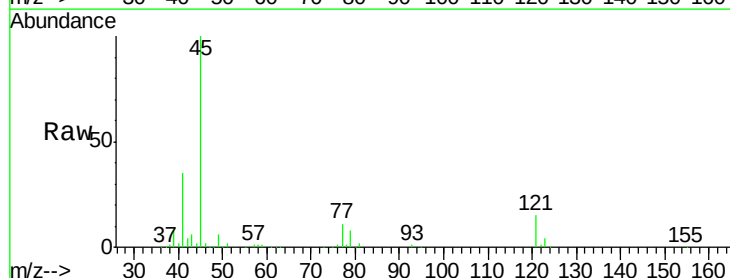
RT: 8.75 min Scan# 1006

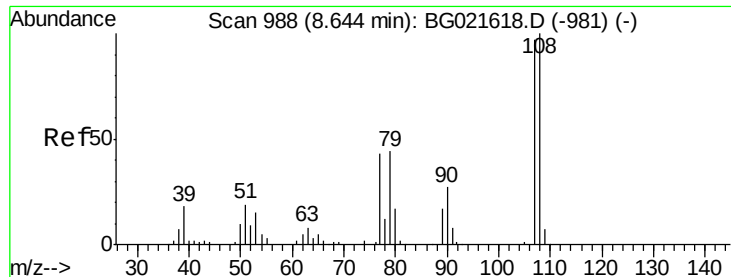
Delta R.T. 0.00 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

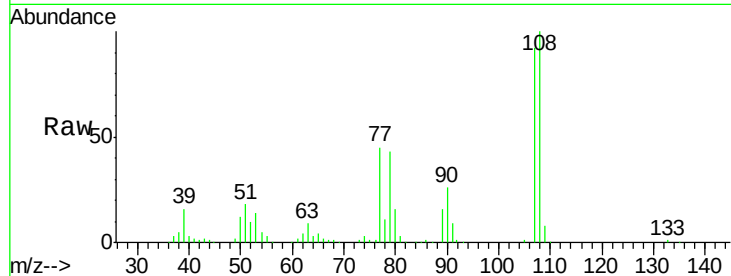
Tgt Ion:	45	Resp:	211145
Ion Ratio	Lower	Upper	
45	100		
77	10.6	0.0	31.2
79	8.4	0.0	29.0





#17
 2-Methylphenol
 Concen: 39.04 ng
 RT: 8.66 min Scan# 990
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

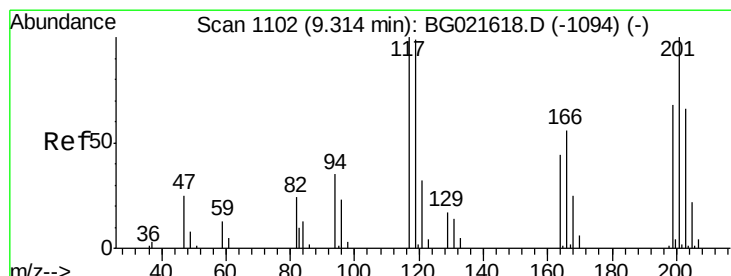
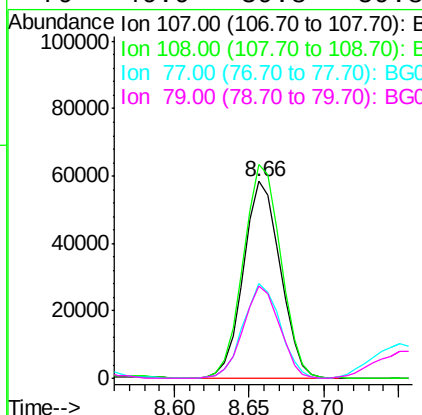
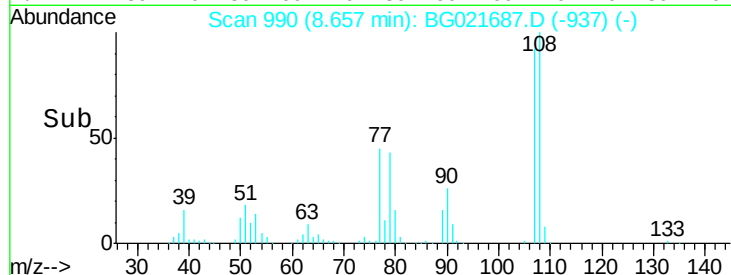
Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS



Tgt Ion:	107	Resp:	100275
Ion Ratio	Lower	Upper	
107	100		
108	108.5	80.2	120.4
77	48.4	40.7	61.1
79	46.9	39.8	59.8

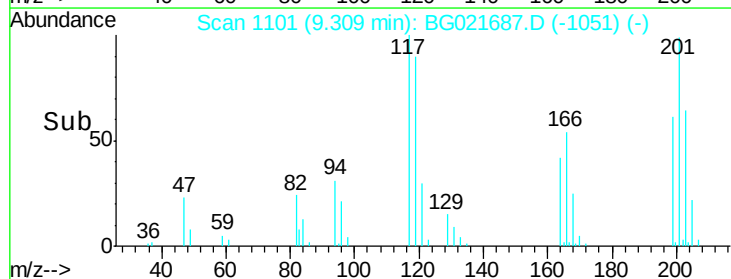
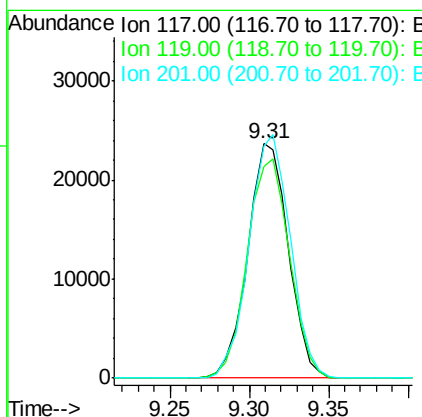
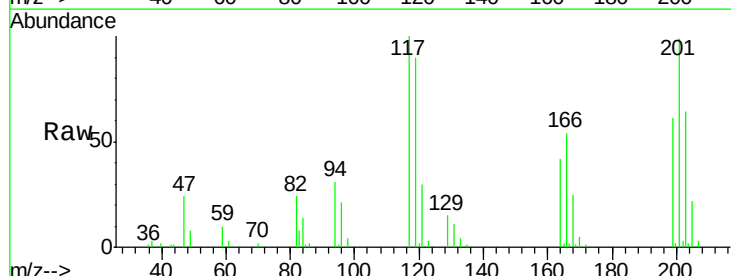
Manual Integrations
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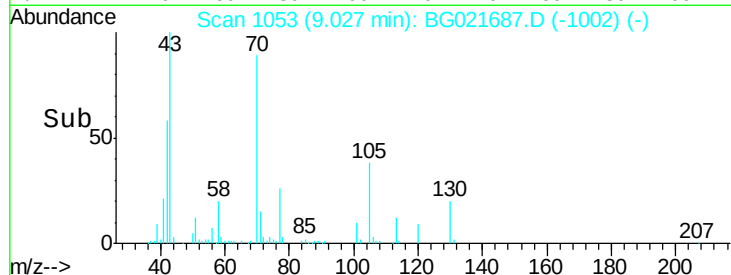
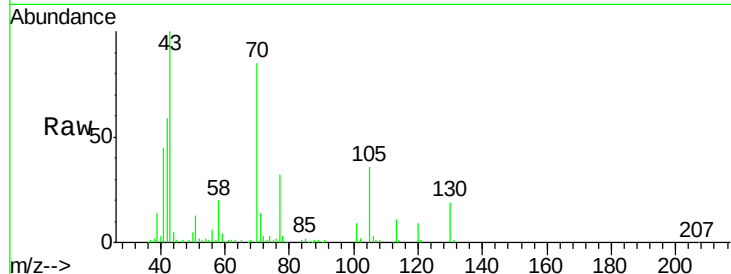
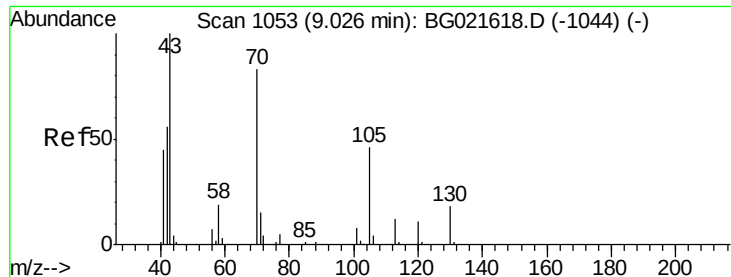
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 4/15/2016 4:45:01 PM



#18
 Hexachloroethane
 Concen: 36.79 ng
 RT: 9.31 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion:	117	Resp:	42202
Ion Ratio	Lower	Upper	
117	100		
119	90.0	63.9	95.9
201	99.0	61.2	91.8#





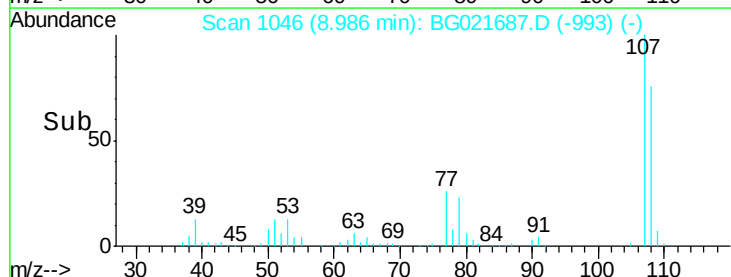
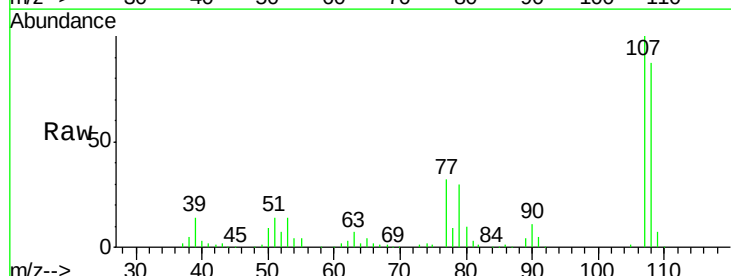
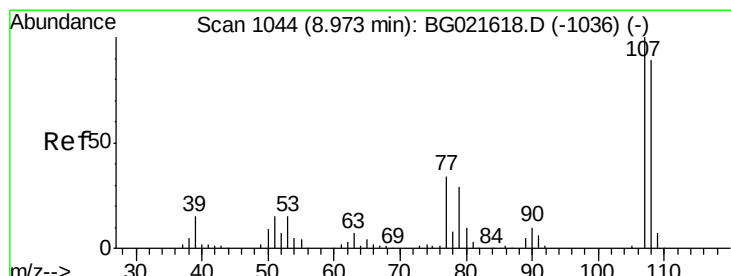
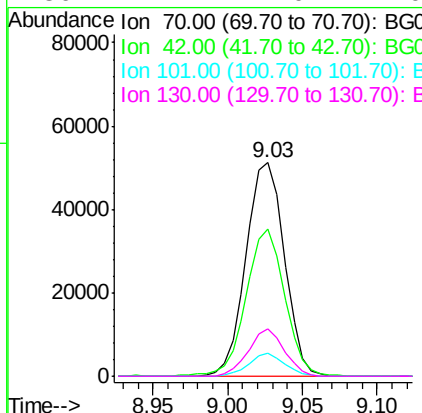
#19
n-Nitroso-di-n-propylamine
Concen: 33.95 ng
RT: 9.03 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Instrument :
BNA_G
ClientSampleId :
PB89669BS

Manual Integrations
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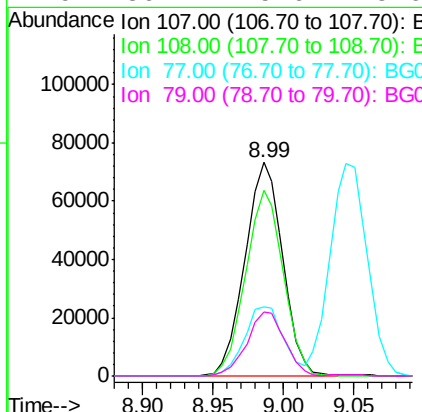
Sohil
4/15/2016 4:45:01 PM

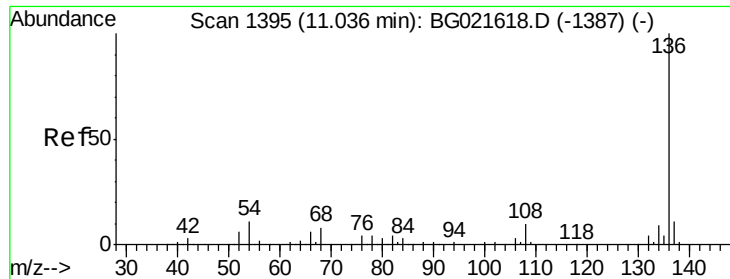
Tgt Ion	Ratio	Lower	Upper
70	100		
42	68.9	56.7	85.1
101	10.7	8.2	12.4
130	22.2	14.0	21.0#



#20
3+4-Methylphenols
Concen: 39.03 ng
RT: 8.99 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	66.2	106.2
77	32.3	11.5	51.5
79	30.1	5.6	45.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.04 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BG021687.D

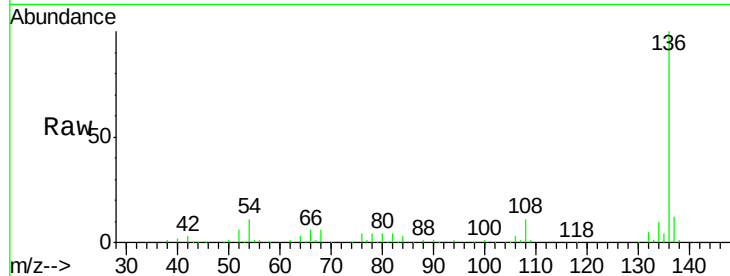
Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

PB89669BS



Tgt Ion:136 Resp: 166613

Ion Ratio Lower Upper

136 100

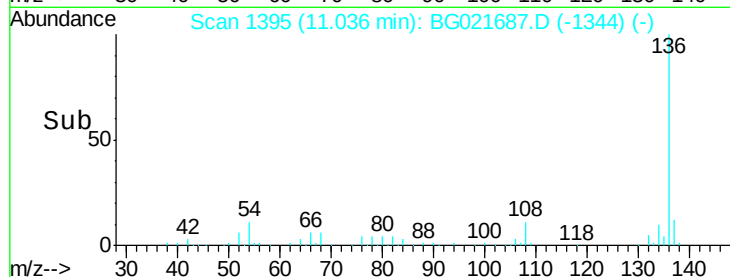
137 11.9 9.0 13.4

54 11.2 9.6 14.4

68 6.4 6.4 9.6

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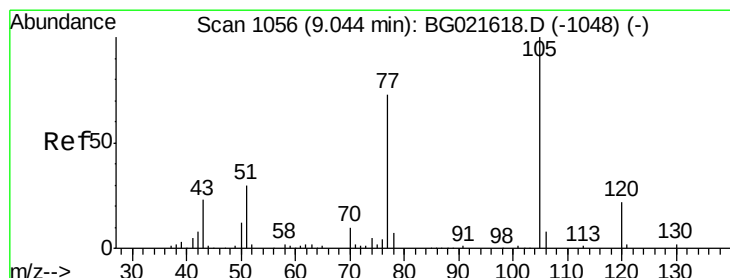
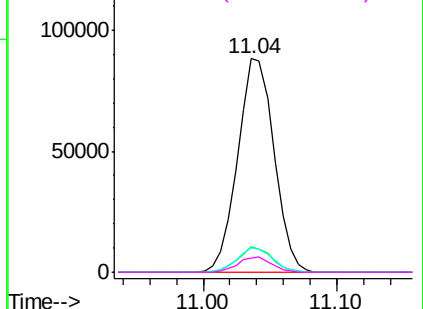


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 36.25 ng

RT: 9.04 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Tgt Ion:105 Resp: 168213

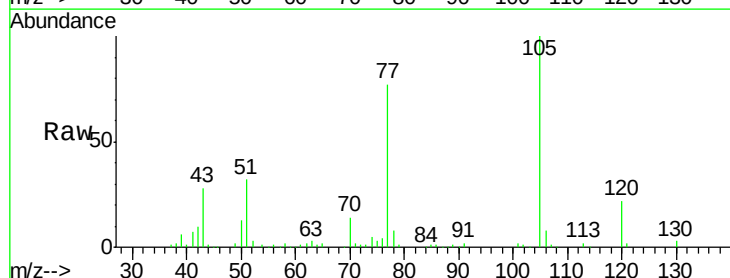
Ion Ratio Lower Upper

105 100

71 2.0 0.0 0.0#

51 31.6 25.7 38.5

120 22.1 17.0 25.6

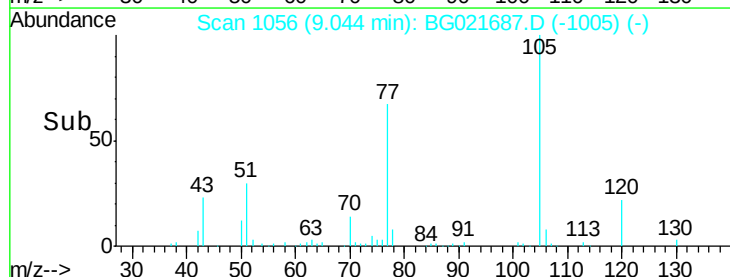
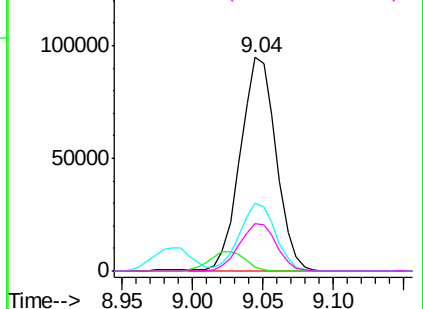


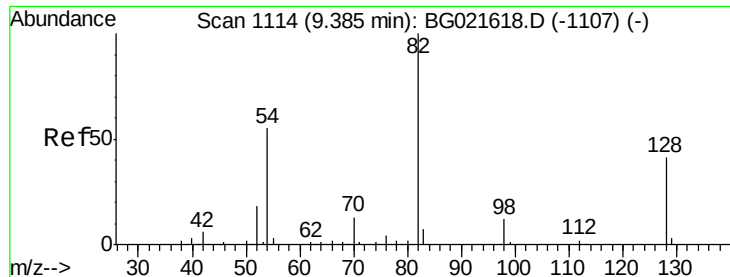
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





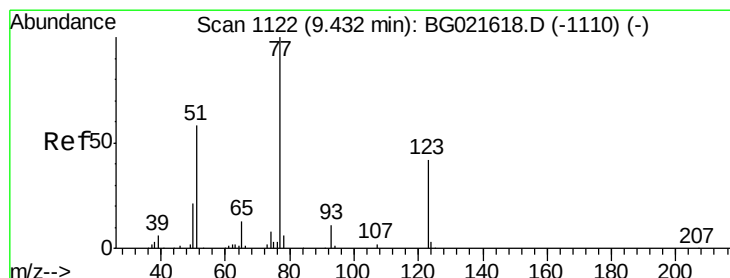
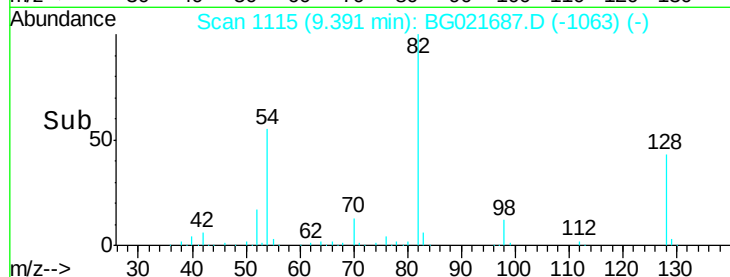
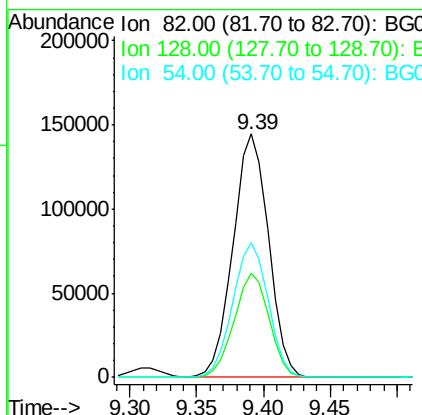
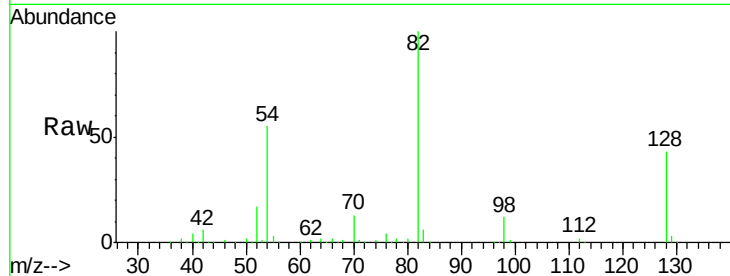
#23
 Nitrobenzene-d5
 Concen: 82.35 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	266932		
128	42.7	33.4	50.0	
54	55.4	46.1	69.1	

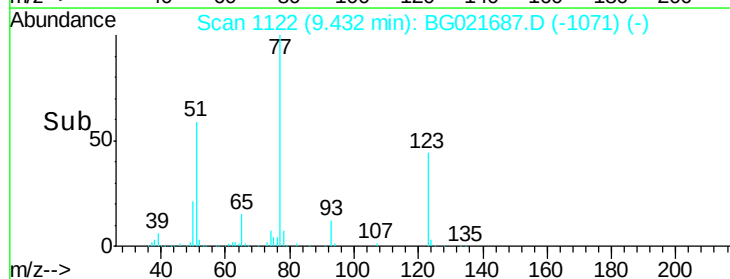
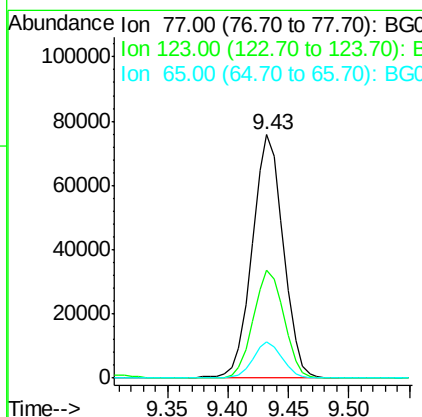
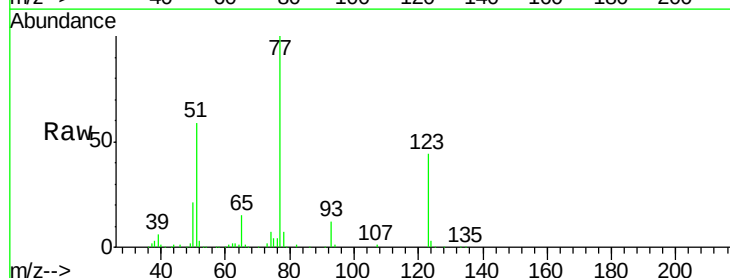
Manual Integrations
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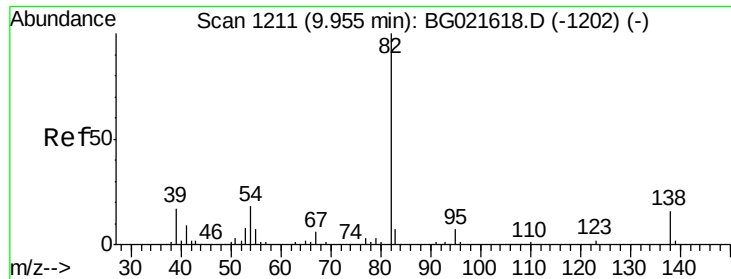
Sohil
 4/15/2016 4:45:01 PM



#24
 Nitrobenzene
 Concen: 38.85 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	134846		
123	44.3	32.2	48.4	
65	14.7	10.3	15.5	





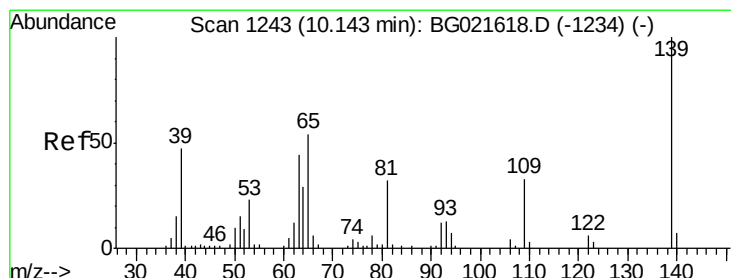
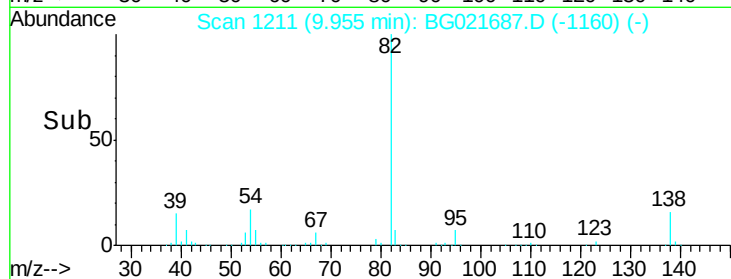
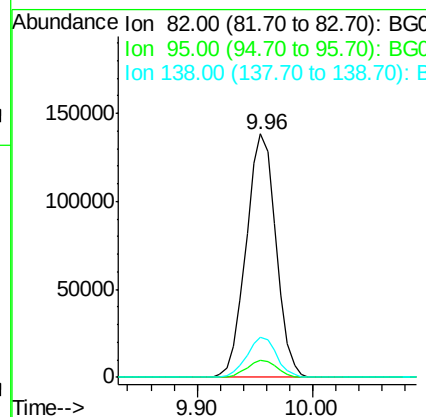
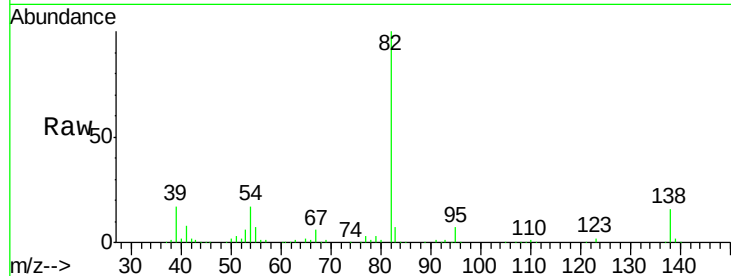
#25
Isophorone
Concen: 34.87 ng
RT: 9.96 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Instrument :
BNA_G
ClientSampleId :
PB89669BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	6.9	6.0	9.0
138	16.4	13.4	20.0

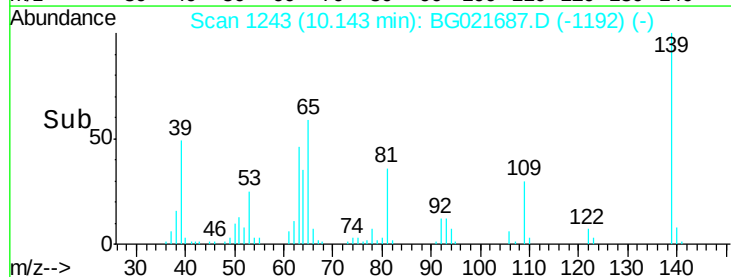
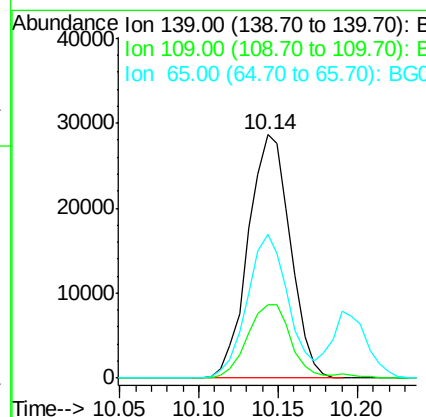
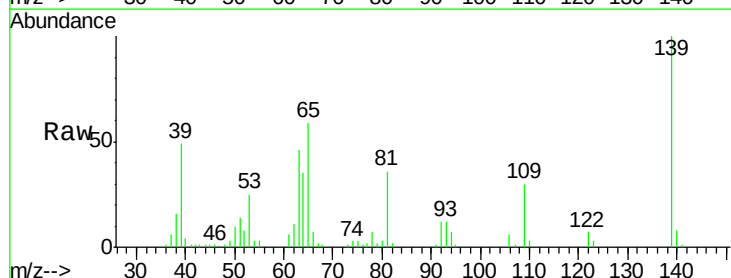
Manual Integrations
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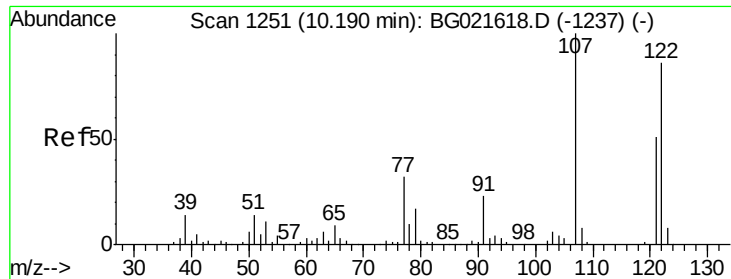
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4/15/2016 4:45:01 PM



#26
2-Nitrophenol
Concen: 39.88 ng
RT: 10.14 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	30.0	26.6	40.0
65	58.9	45.3	67.9





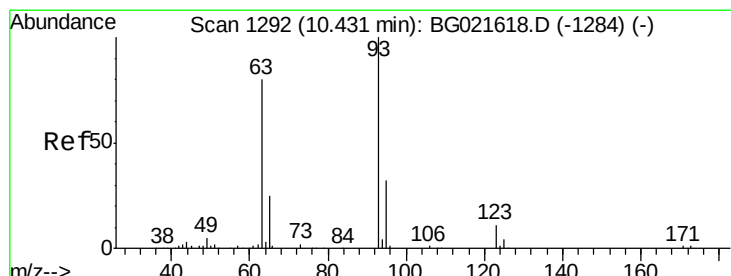
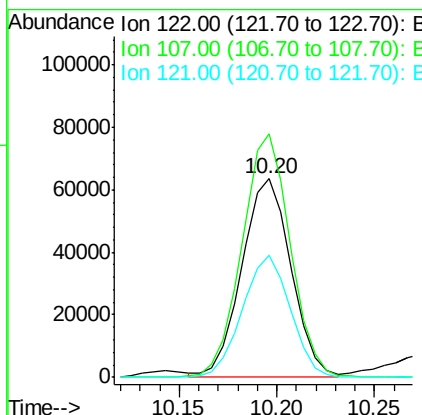
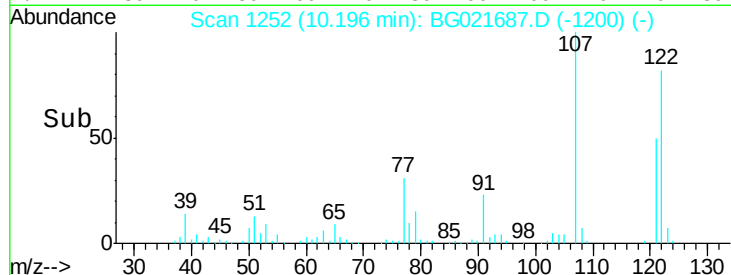
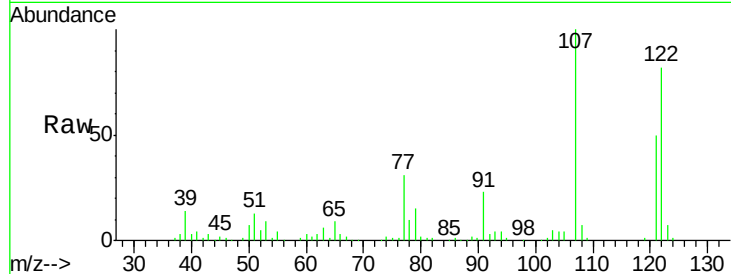
#27
 2,4-Dimethylphenol
 Concen: 36.73 ng
 RT: 10.20 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Instrument :
 BNA_G
 ClientSampled :
 PB89669BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	110562		
107	122.6	97.2	145.8	
121	61.4	49.0	73.4	

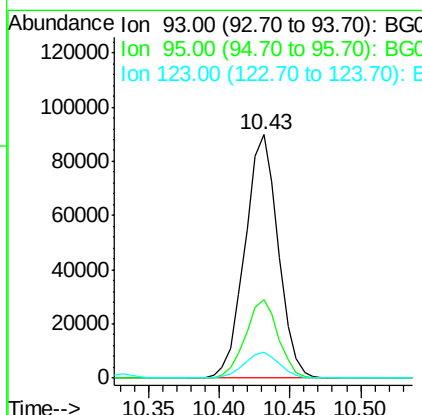
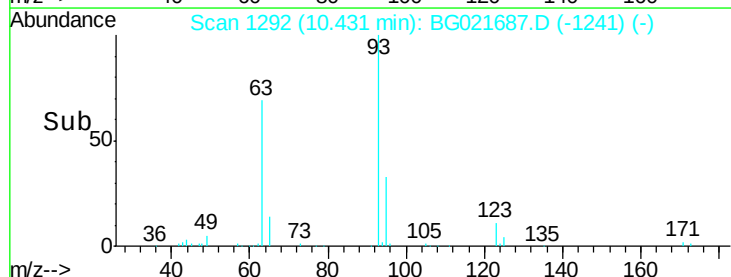
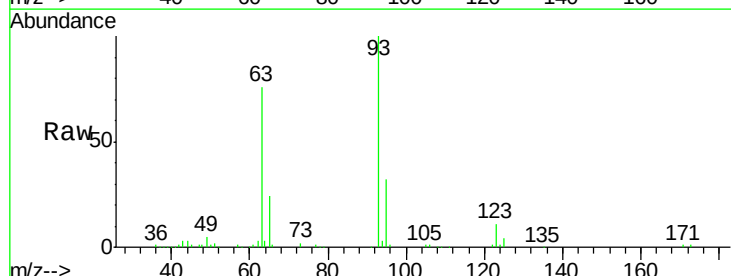
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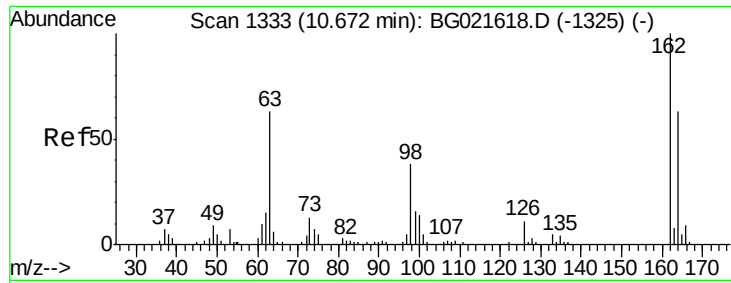
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.18 ng
 RT: 10.43 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	147692		
95	32.1	30.1	45.1	
123	10.9	10.2	15.4	





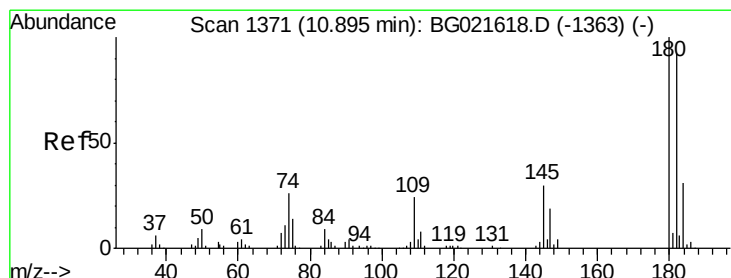
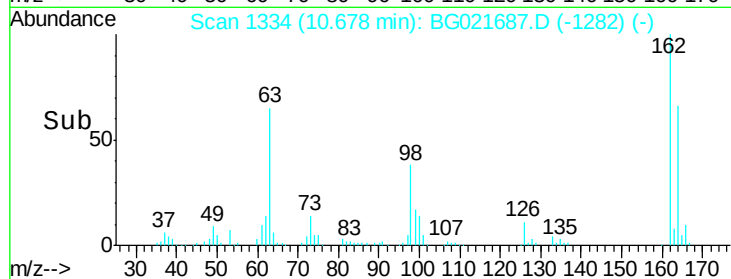
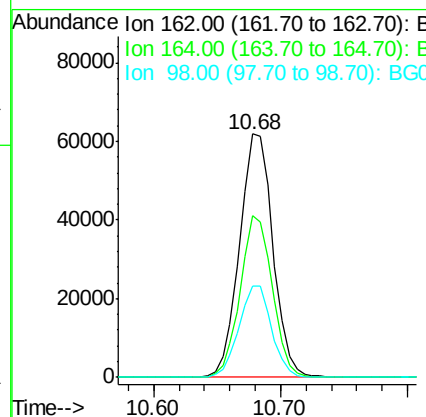
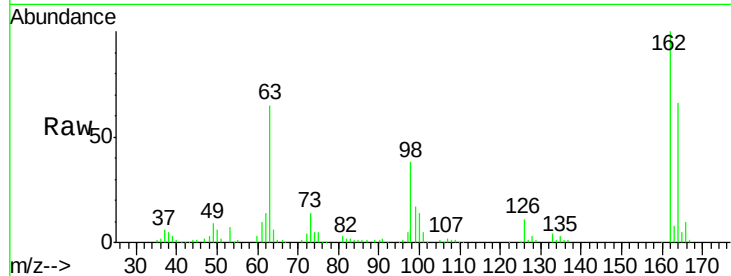
#29
2,4-Dichlorophenol
Concen: 43.92 ng
RT: 10.68 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Instrument :
BNA_G
ClientSampleId :
PB89669BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	112713		
164	66.4	44.9	84.9	
98	37.6	19.2	59.2	

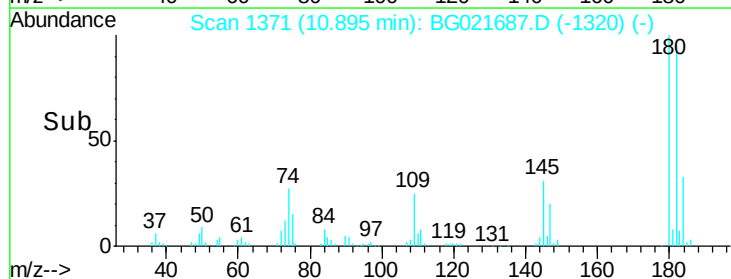
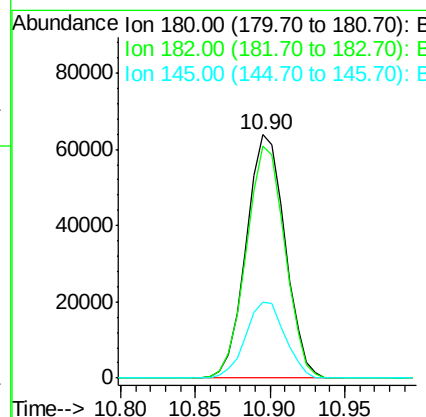
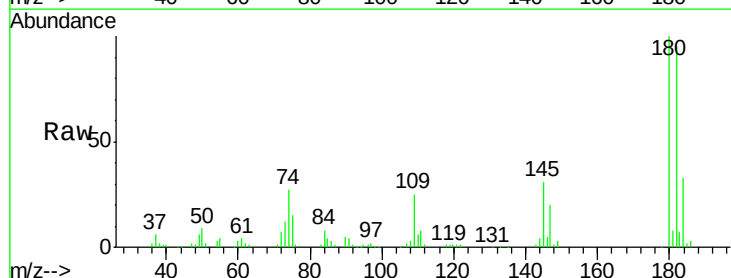
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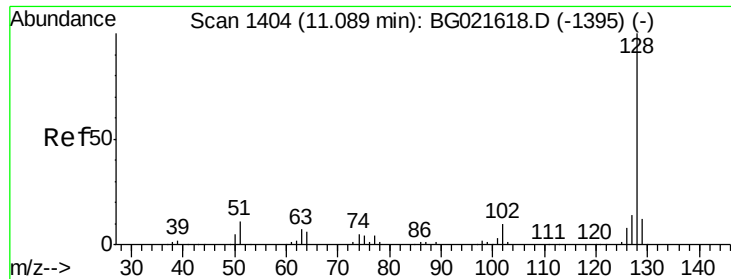
Sohil
4/15/2016 4:45:01 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.64 ng
RT: 10.90 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	114907		
182	95.5	82.3	123.5	
145	31.0	24.4	36.6	





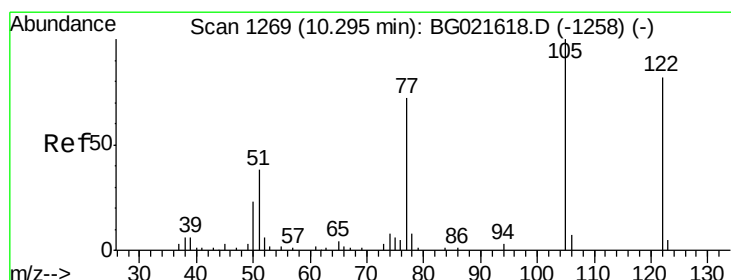
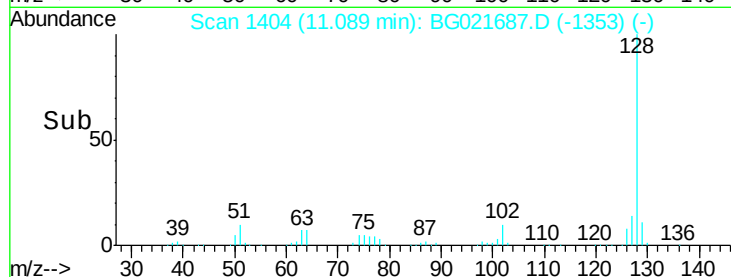
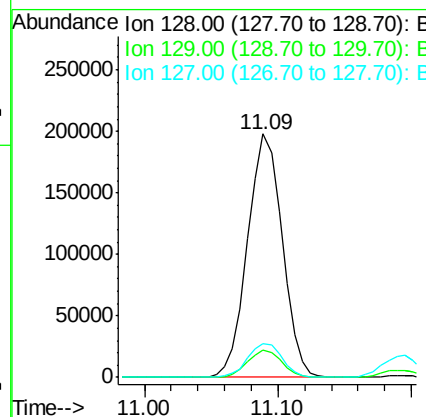
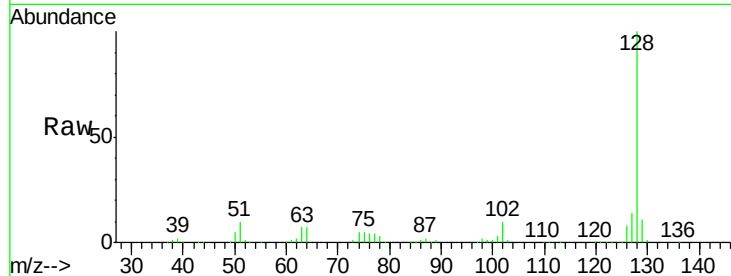
#31
Naphthalene
Concen: 39.81 ng
RT: 11.09 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Instrument :
BNA_G
ClientSampleId :
PB89669BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	354997		
129	11.3	7.0	10.6#	
127	13.8	10.1	15.1	

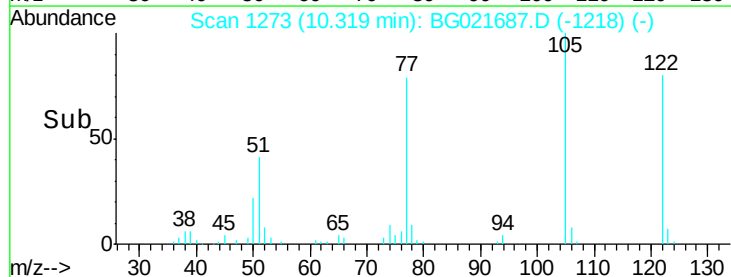
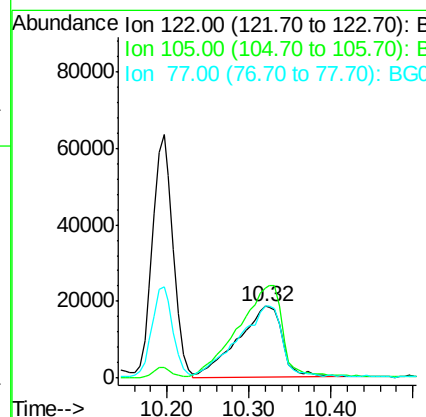
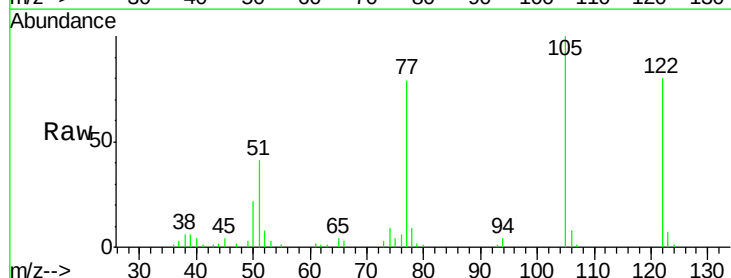
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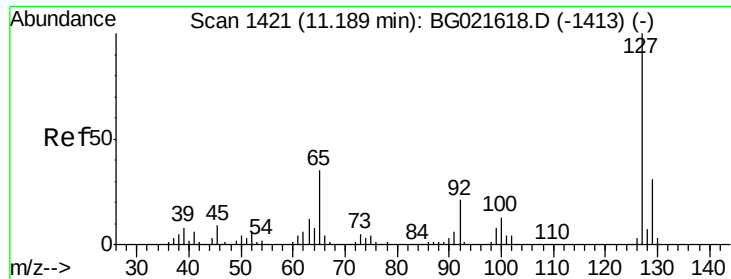
Sohil
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#32
Benzoic acid
Concen: 42.07 ng
RT: 10.32 min Scan# 1273
Delta R.T. 0.02 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	69355		
105	125.4	104.5	144.5	
77	99.5	79.9	119.9	





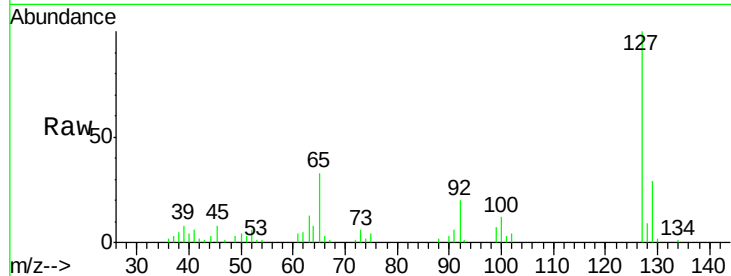
#33
4-Chloroaniline
Concen: 9.62 ng
RT: 11.19 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Instrument :
BNA_G
ClientSampleId :
PB89669BS

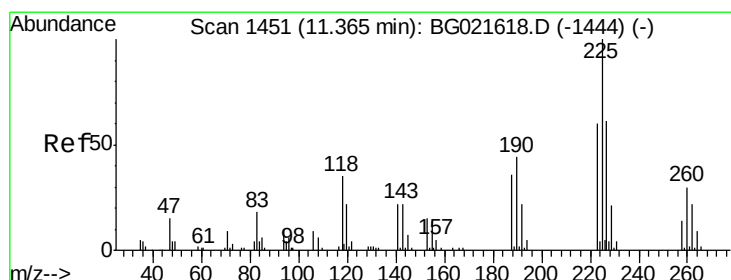
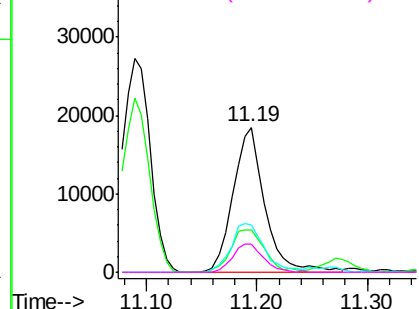
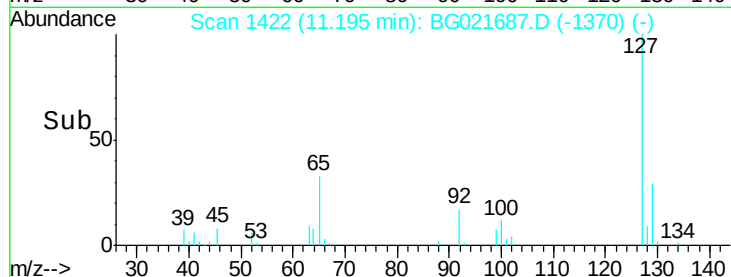
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	37121		
129	29.3	26.6	39.8	
65	32.9	27.5	41.3	
92	19.7	14.7	22.1	

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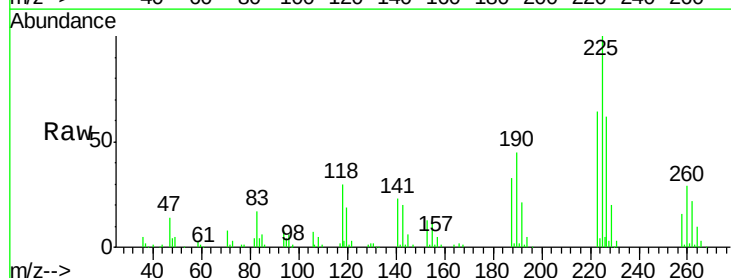


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

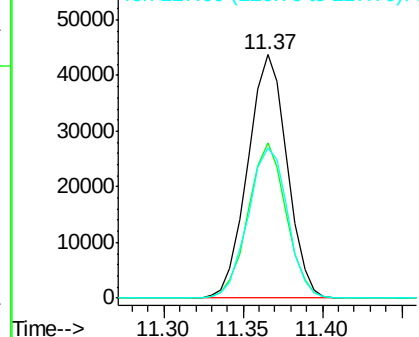
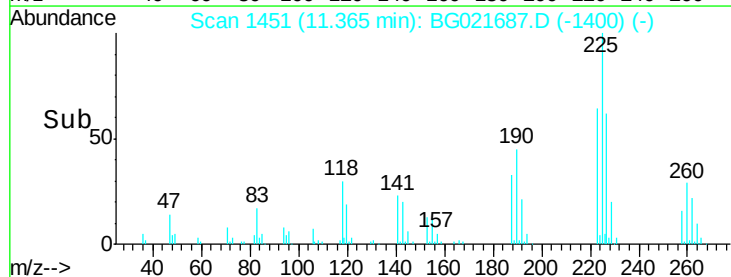


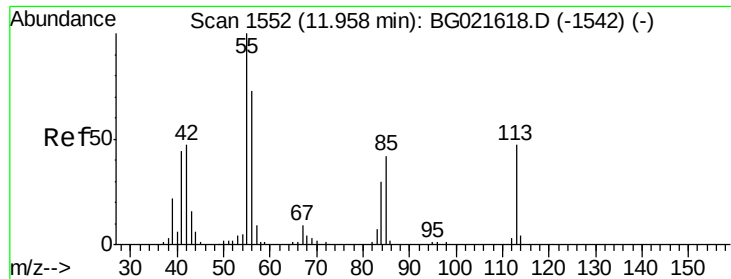
#34
Hexachlorobutadiene
Concen: 42.21 ng
RT: 11.37 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	75136		
223	63.7	52.7	79.1	
227	61.6	49.7	74.5	



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





#35

Caprolactam

Concen: 33.12 ng m

RT: 11.98 min Scan# 1556

Delta R.T. 0.02 min

Lab File: BG021687.D

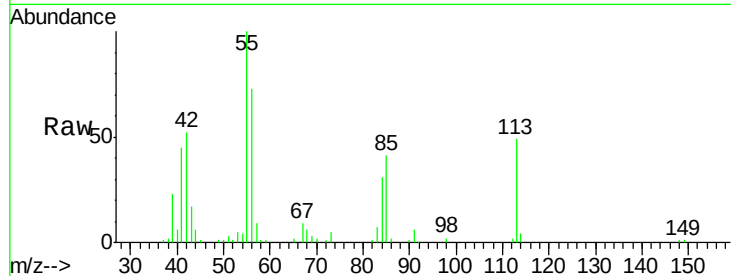
Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

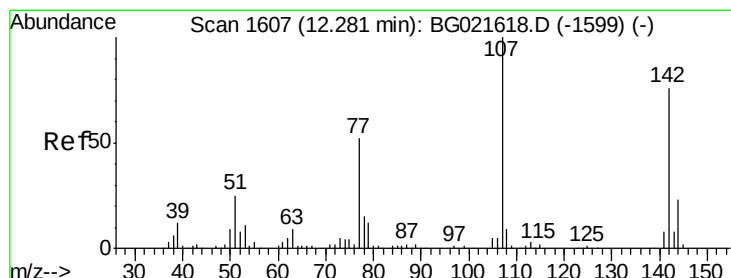
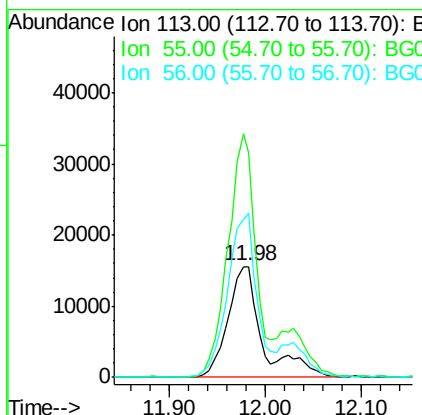
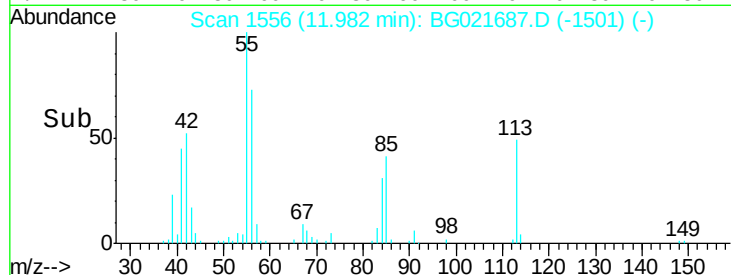
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Tgt Ion:	113	Resp:	38896
Ion	Ratio	Lower	Upper
113	100		
55	203.3	194.2	234.2
56	148.0	122.6	162.6

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#36

4-Chloro-3-methylphenol

Concen: 38.58 ng

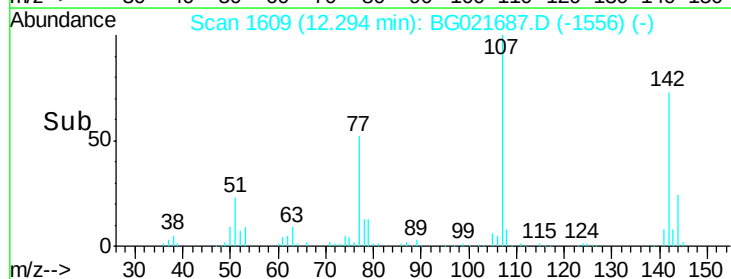
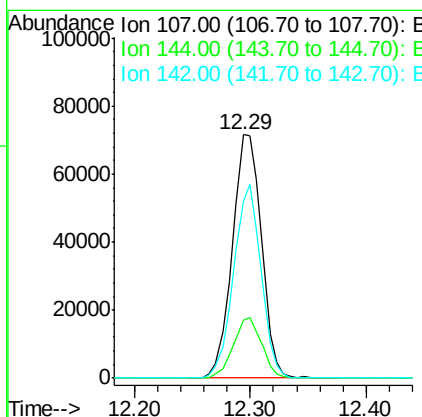
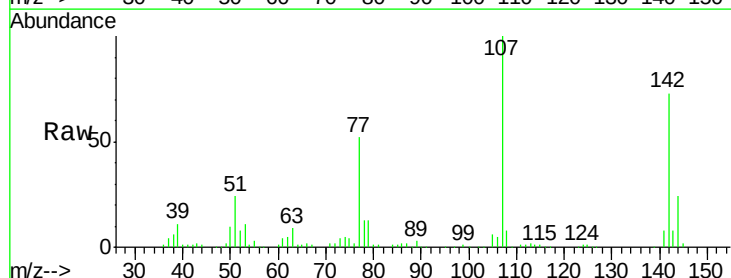
RT: 12.29 min Scan# 1609

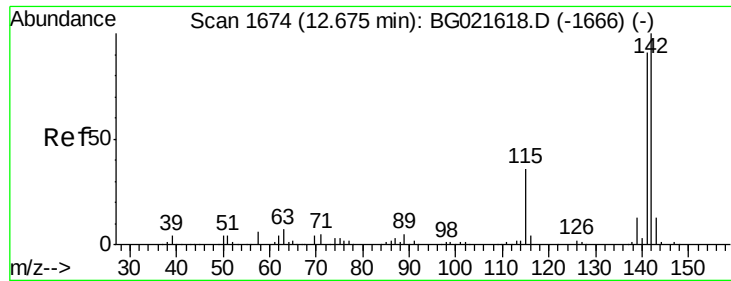
Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Tgt Ion:	107	Resp:	124498
Ion	Ratio	Lower	Upper
107	100		
144	24.1	19.2	28.8
142	72.7	59.1	88.7





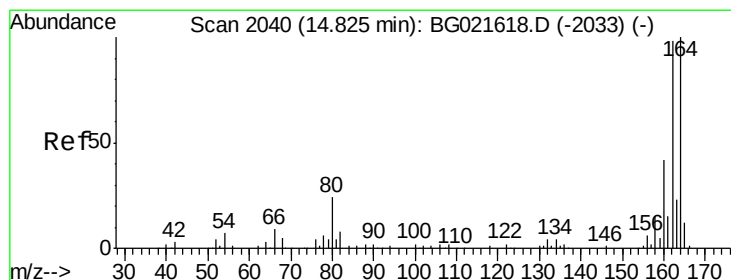
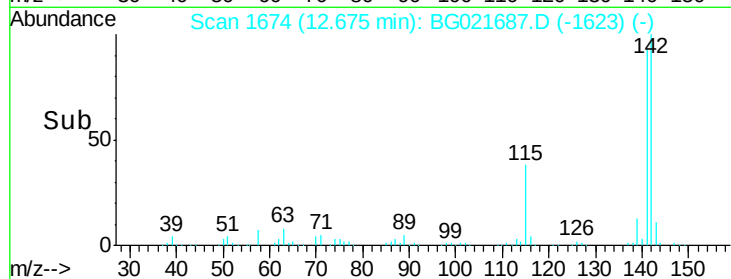
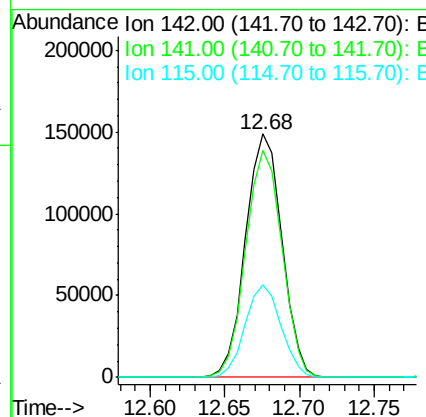
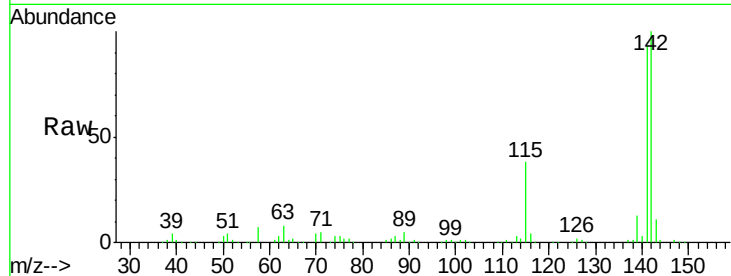
#37
 2-Methylnaphthalene
 Concen: 41.05 ng
 RT: 12.68 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	71.4	107.0
115	38.2	27.4	41.2

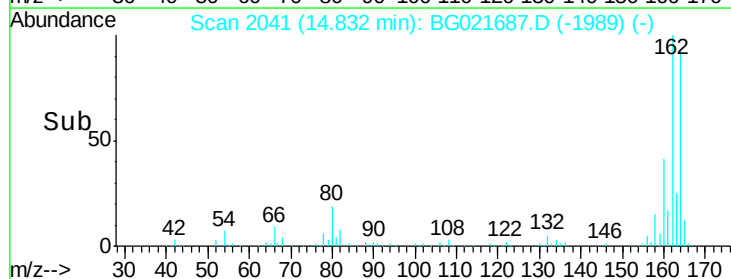
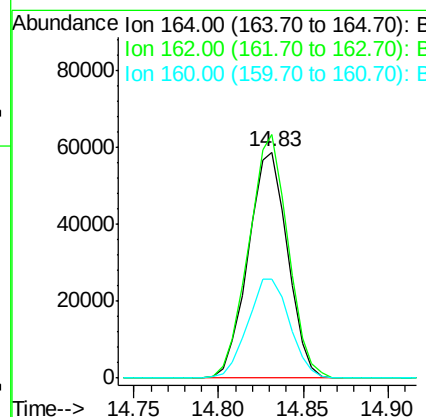
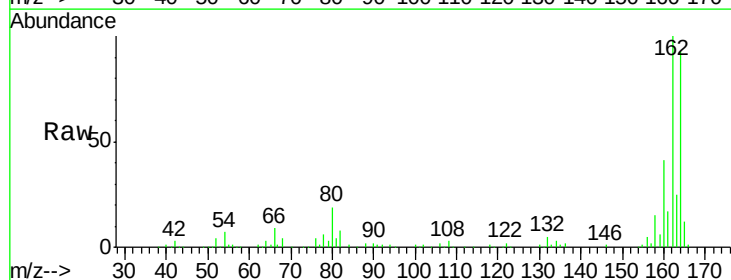
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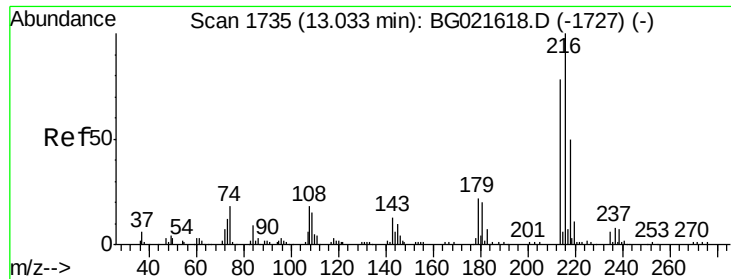
Sohil
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2041
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.8	78.0	117.0
160	43.8	32.9	49.3





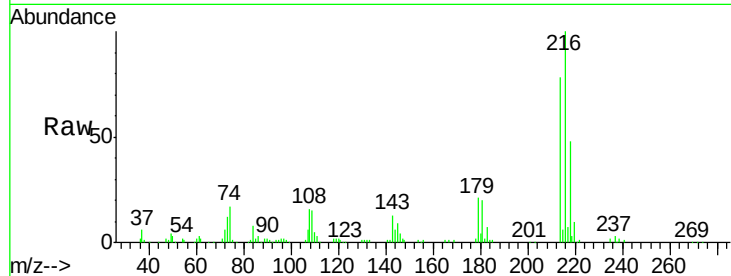
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.94 ng
 RT: 13.03 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

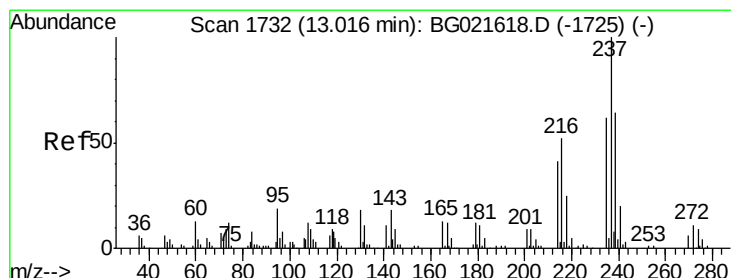
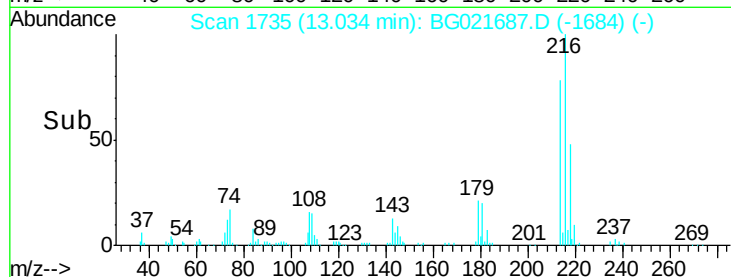
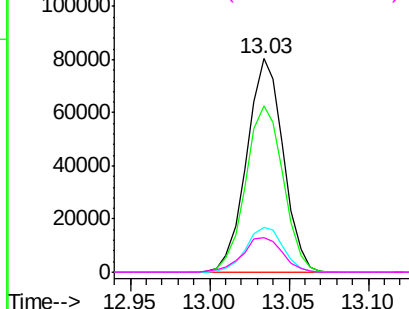
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	128593		
214	80.0	62.2	93.2	
179	21.3	16.7	25.1	
108	17.8	14.0	21.0	

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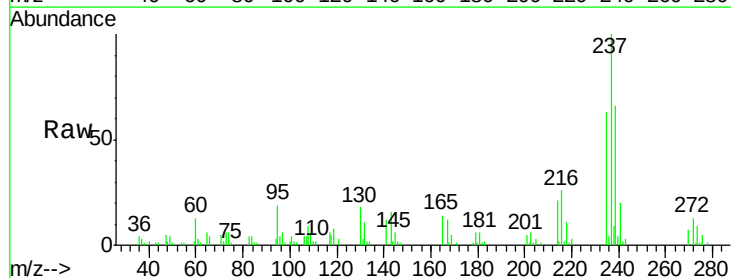


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

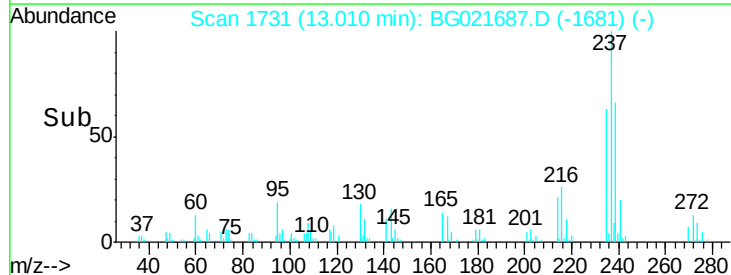
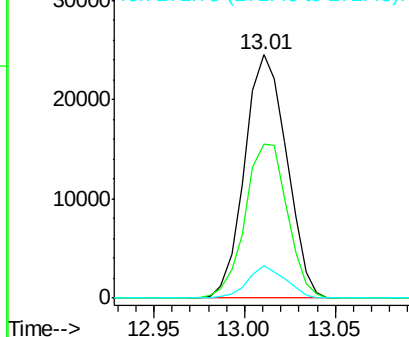


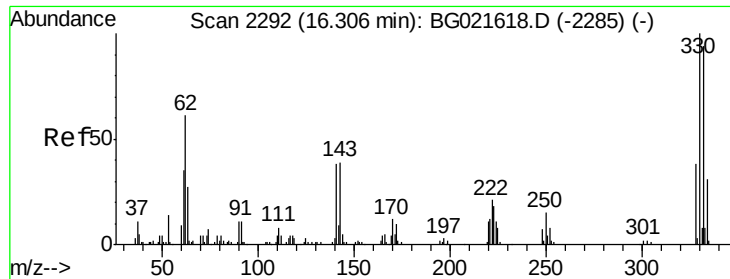
#40
 Hexachlorocyclopentadiene
 Concen: 23.74 ng
 RT: 13.01 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	39493		
235	63.1	43.2	83.2	
272	13.2	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





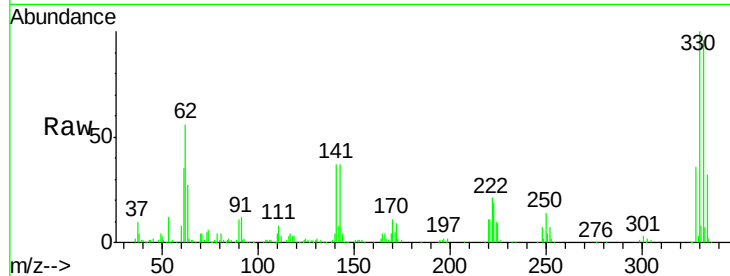
#41
 2,4,6-Tribromophenol
 Concen: 138.82 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	143348		
332	95.7	78.0	117.0	
141	39.3	33.8	50.8	

Manual Integrations
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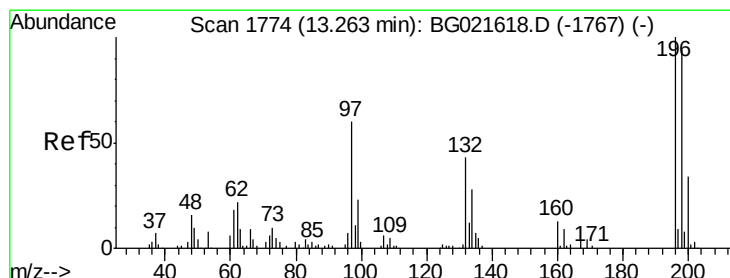
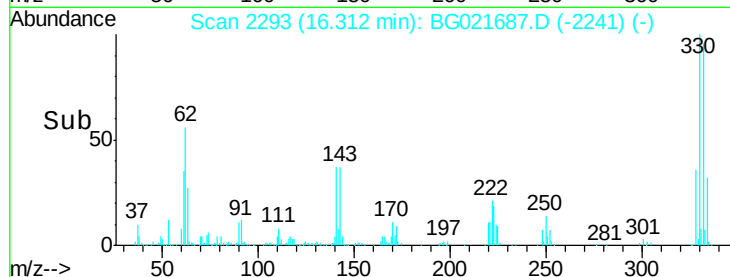
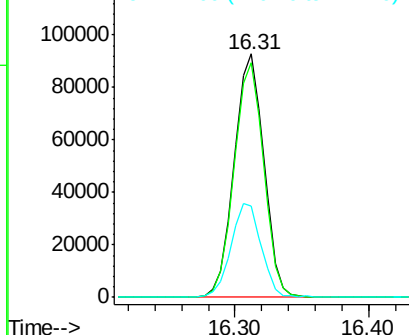


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 45.52 ng
 RT: 13.27 min Scan# 1775
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

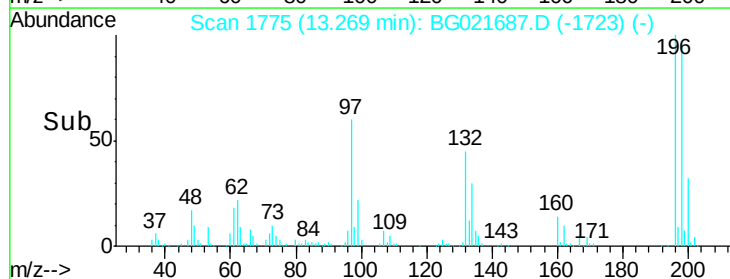
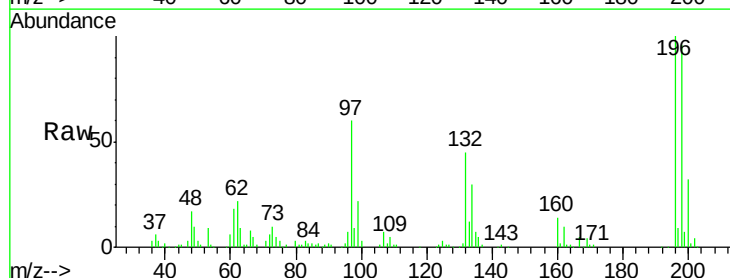
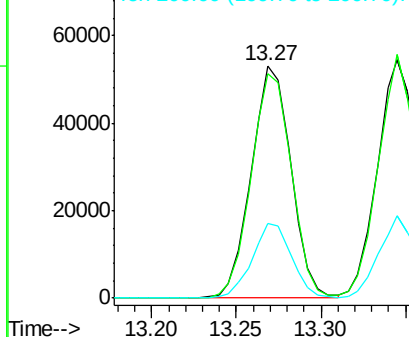
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	86910		
198	96.5	80.1	120.1	
200	32.0	24.1	36.1	

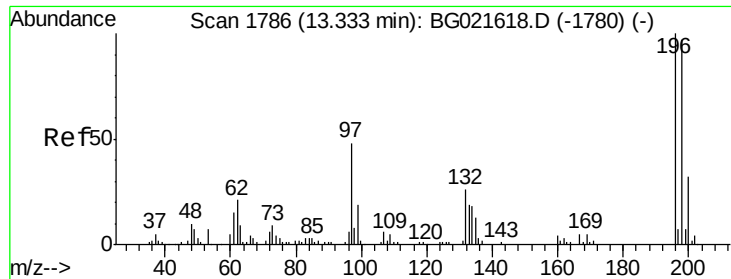
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

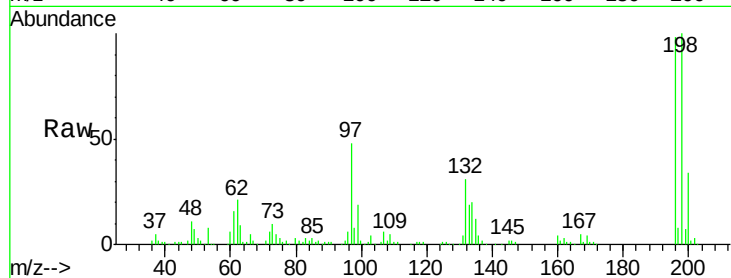
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 44.36 ng
 RT: 13.35 min Scan# 1786
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

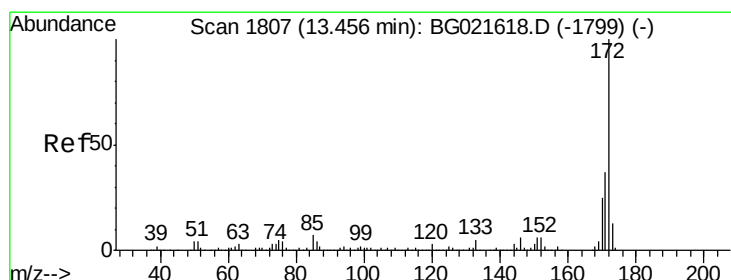
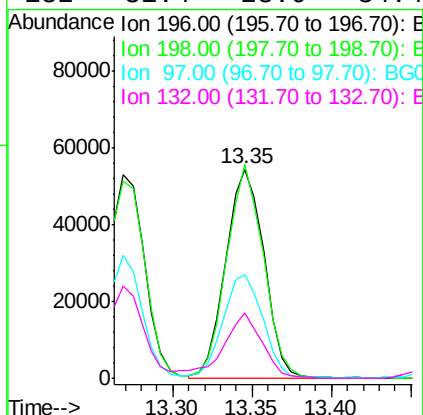
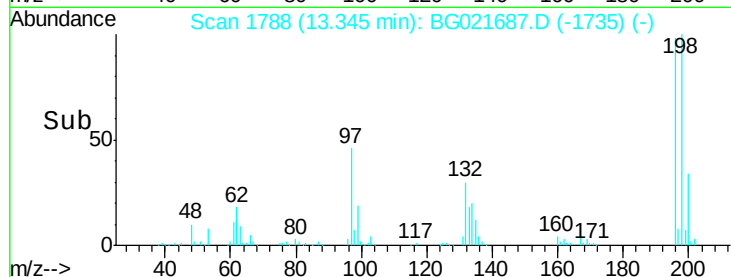
Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	91392		
198	102.2	78.0	117.0	
97	49.5	43.0	64.6	
132	31.4	23.0	34.4	

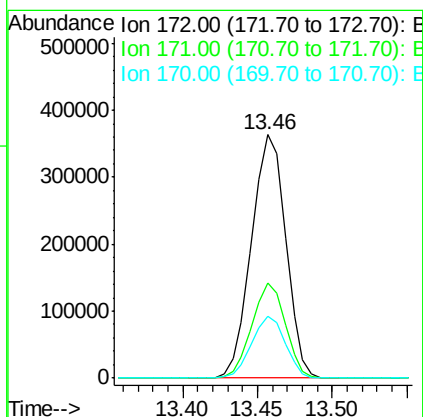
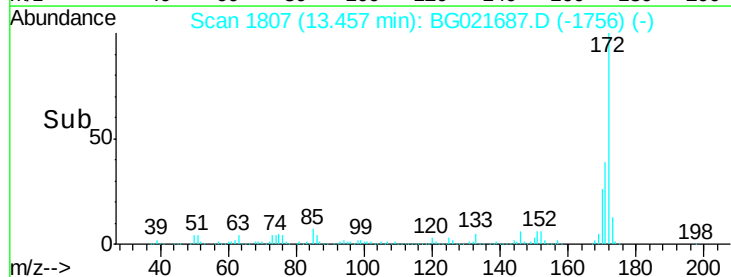
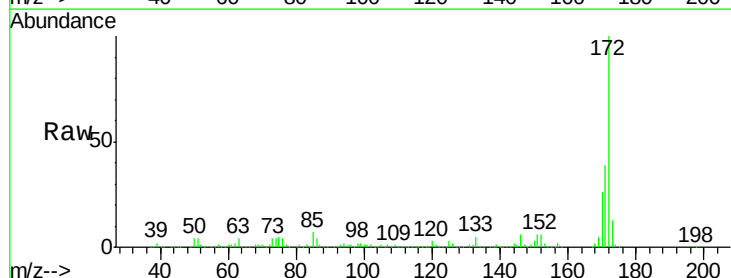
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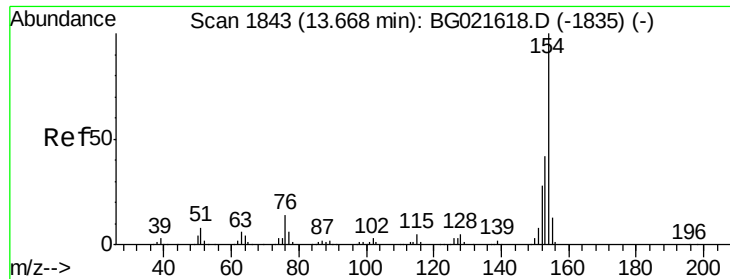
Sohil
 4/15/2016 4:45:01 PM



#44
 2-Fluorobiphenyl
 Concen: 88.22 ng
 RT: 13.46 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	576910		
171	38.9	27.8	41.6	
170	25.7	19.6	29.4	





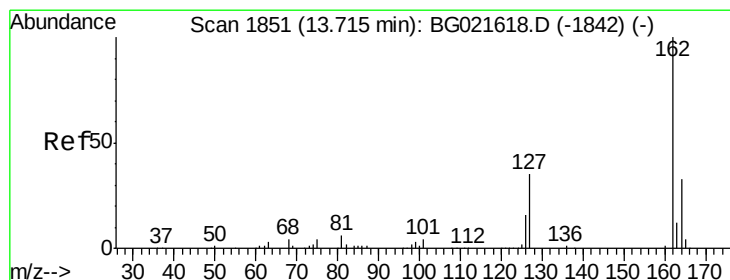
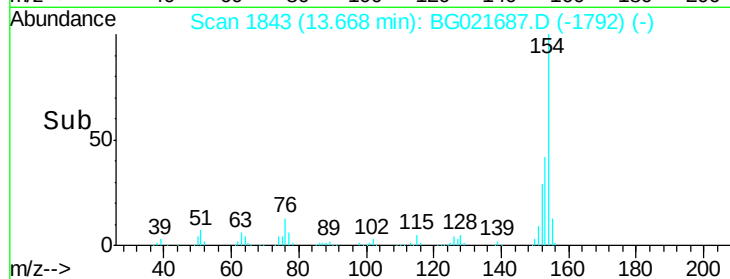
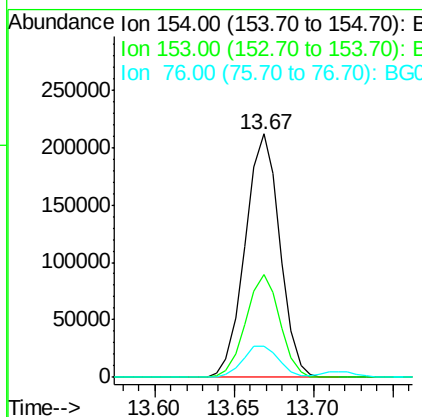
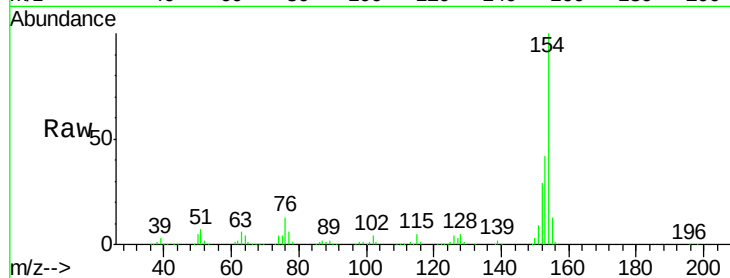
#45
 1,1'-Biphenyl
 Concen: 39.85 ng
 RT: 13.67 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	19.7	59.7
76	12.9	0.0	33.0

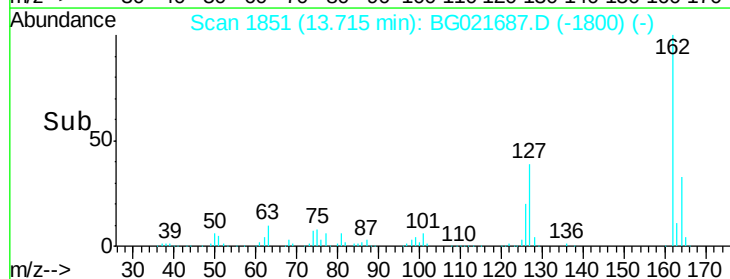
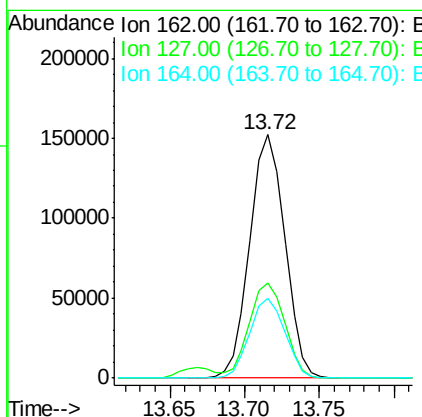
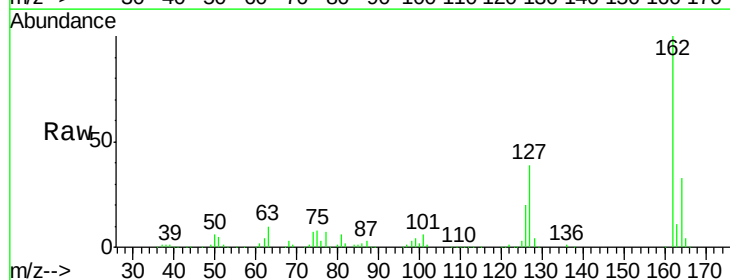
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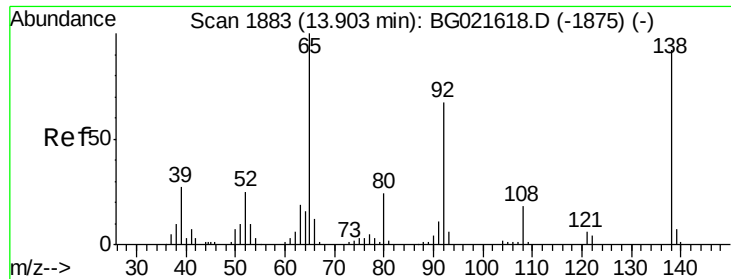
Sohil
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#46
 2-Chloronaphthalene
 Concen: 41.49 ng
 RT: 13.72 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	32.0	48.0
164	32.6	27.0	40.4





#47

2-Nitroaniline

Concen: 43.78 ng

RT: 13.91 min Scan# 1884

Delta R.T. 0.01 min

Lab File: BG021687.D

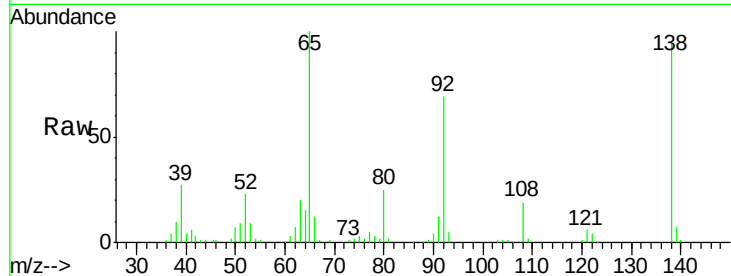
Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

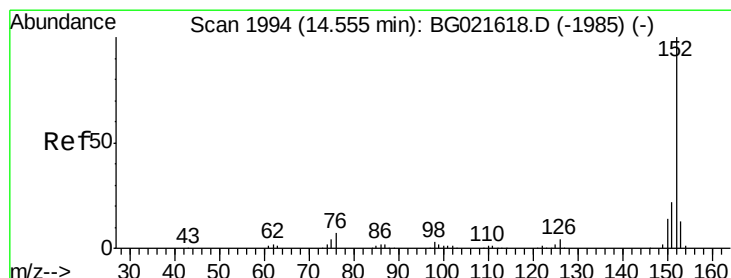
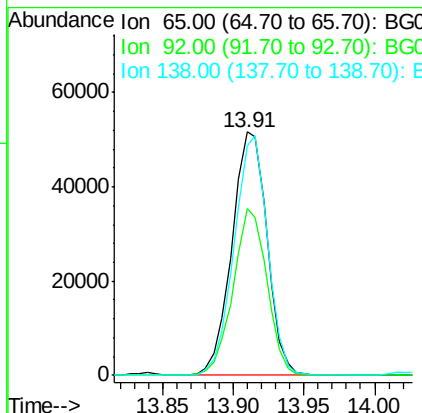
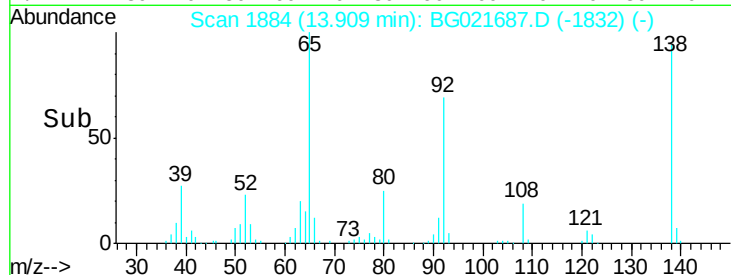
PB89669BS



Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	49.2	73.8
138	94.5	75.0	112.6

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#48

Acenaphthylene

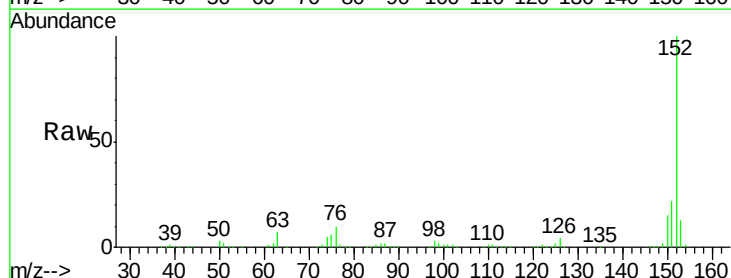
Concen: 39.94 ng

RT: 14.56 min Scan# 1994

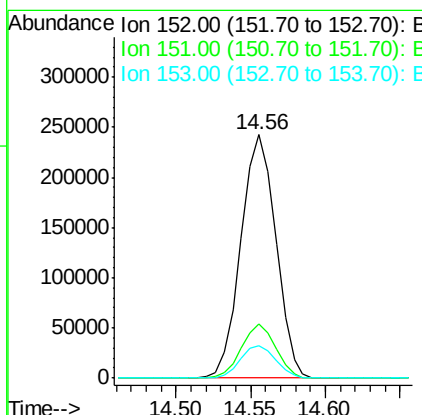
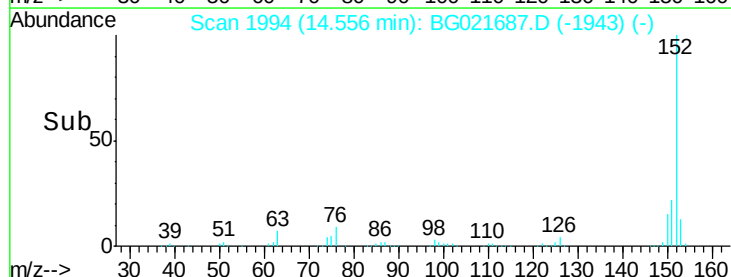
Delta R.T. 0.00 min

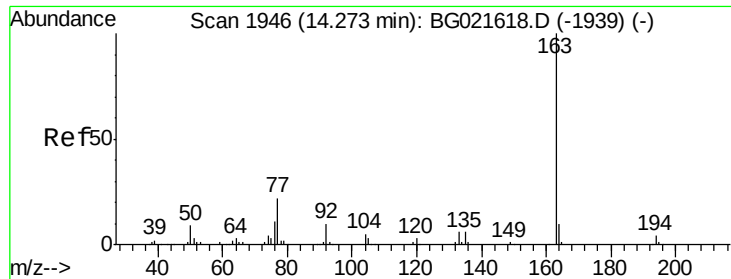
Lab File: BG021687.D

Acq: 15 Apr 2016 14:38



Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.6	24.8
153	13.5	10.2	15.2





#49

Dimethylphthalate

Concen: 36.94 ng

RT: 14.27 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

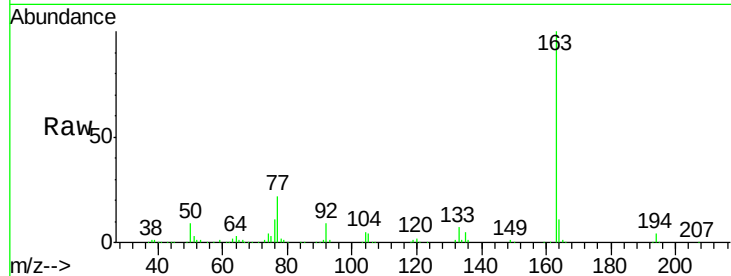
ClientSampleId :

PB89669BS

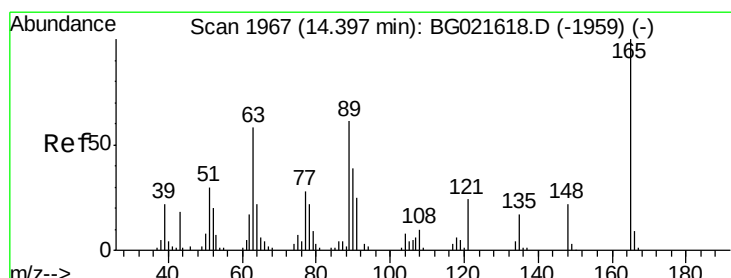
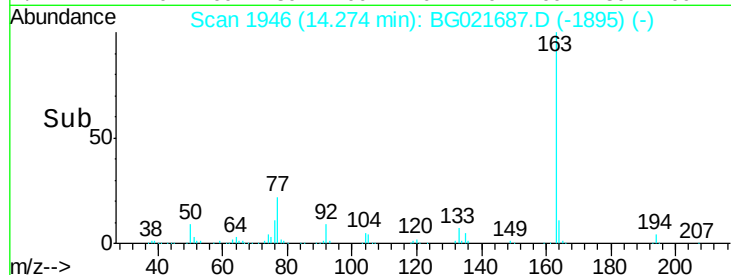
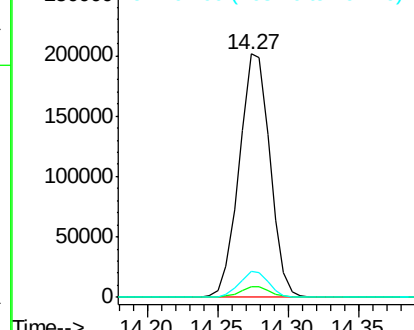
Tgt Ion:	163	Resp:	305993
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.0	4.6
164	10.8	8.1	12.1

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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: 41.23 ng

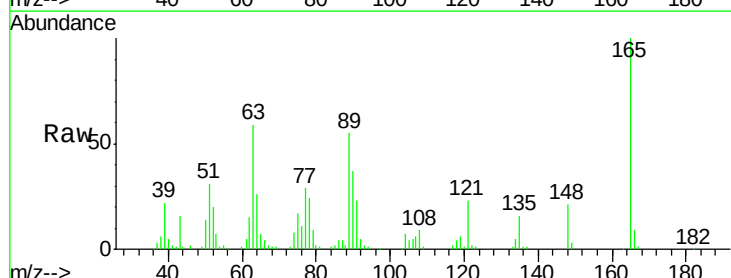
RT: 14.40 min Scan# 1967

Delta R.T. 0.00 min

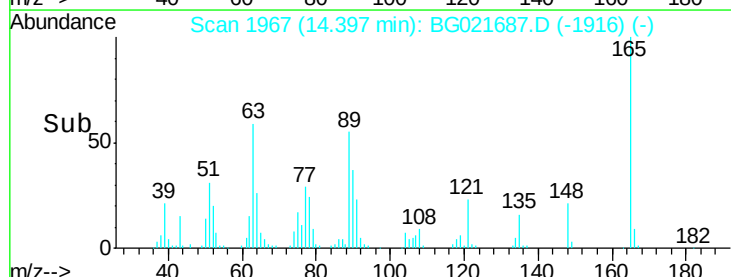
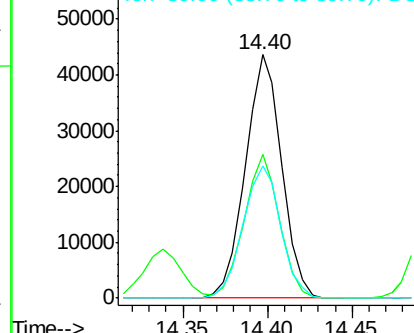
Lab File: BG021687.D

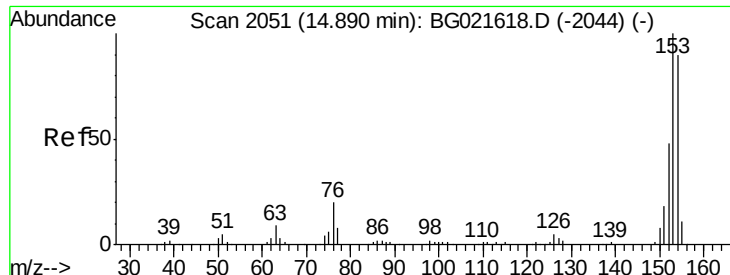
Acq: 15 Apr 2016 14:38

Tgt Ion:	165	Resp:	65134
Ion Ratio	Lower	Upper	
165	100		
63	59.2	48.2	72.4
89	54.6	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





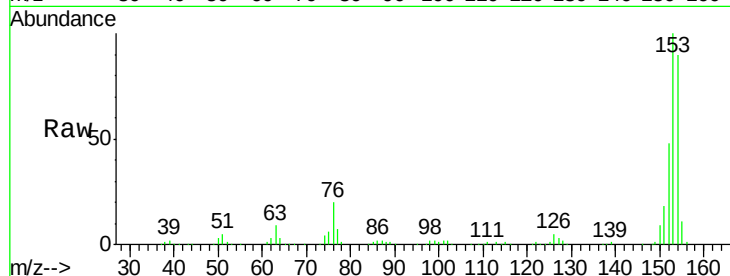
#51
Acenaphthene
Concen: 38.27 ng
RT: 14.89 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Instrument :
BNA_G
ClientSampleId :
PB89669BS

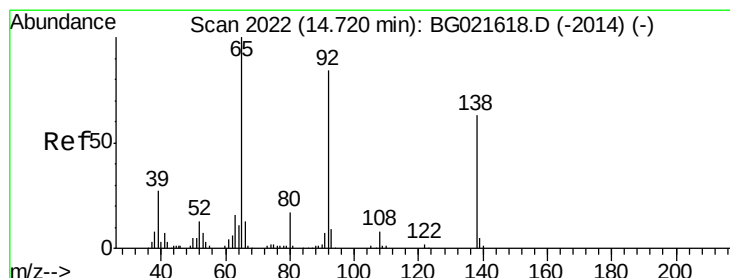
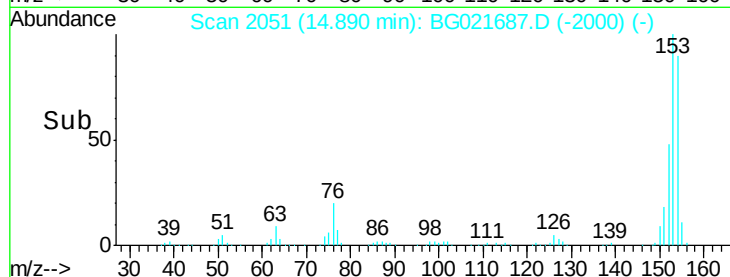
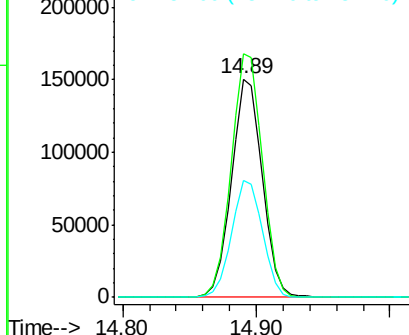
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	241442		
153	111.5	91.9	137.9	
152	53.6	42.0	63.0	

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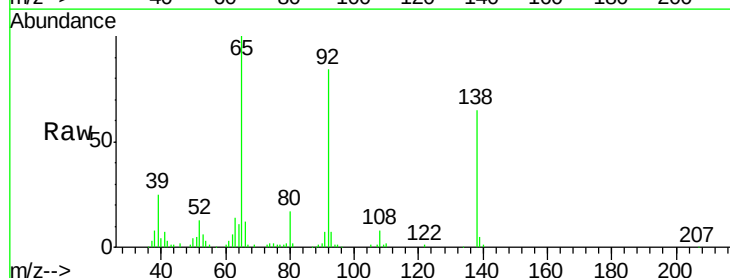


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

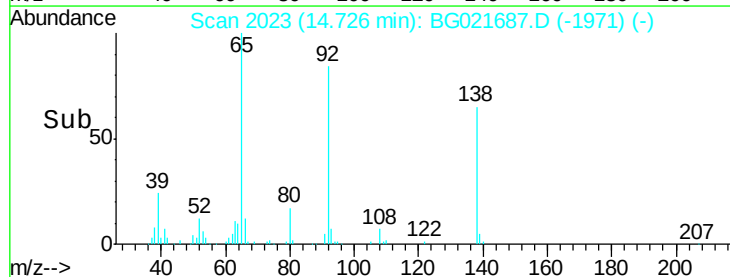
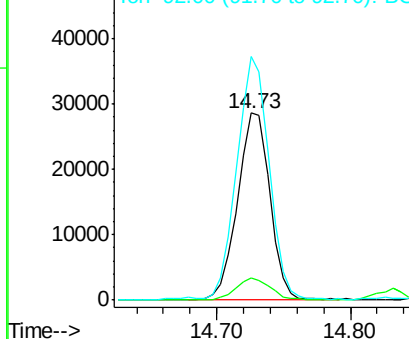


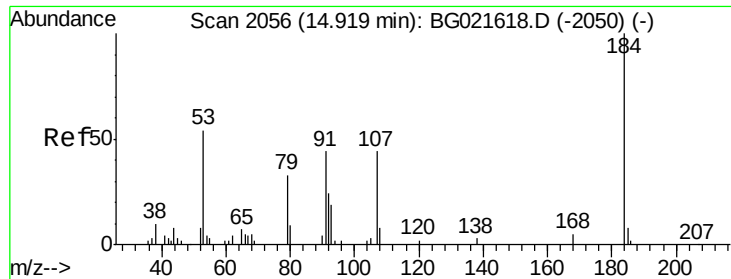
#52
3-Nitroaniline
Concen: 27.45 ng
RT: 14.73 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	48095		
108	11.9	9.1	13.7	
92	130.2	102.6	154.0	



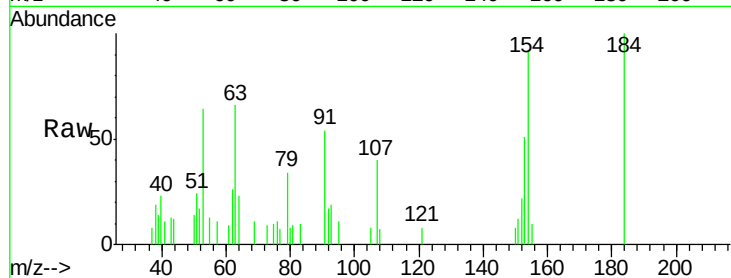
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGO





#53
2,4-Dinitrophenol
Concen: 12.79 ng
RT: 14.93 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

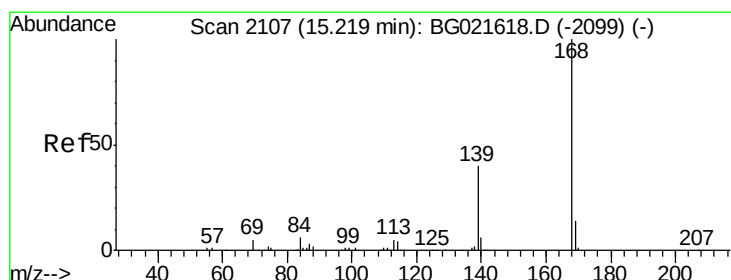
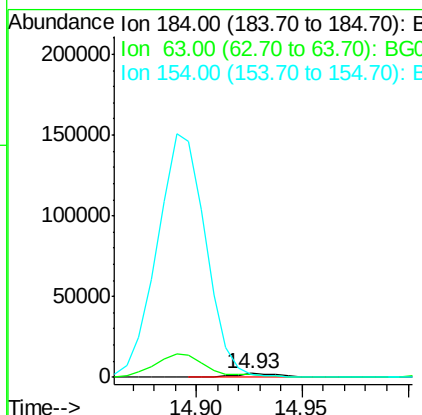
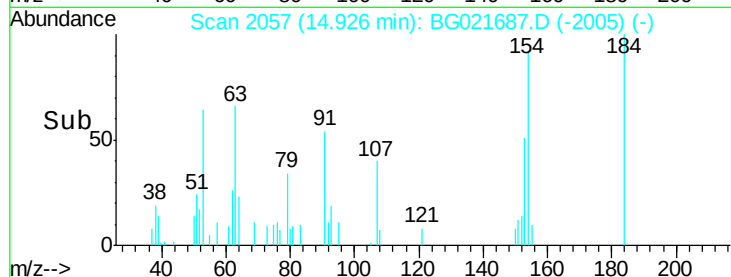
Instrument :
BNA_G
ClientSampleId :
PB89669BS



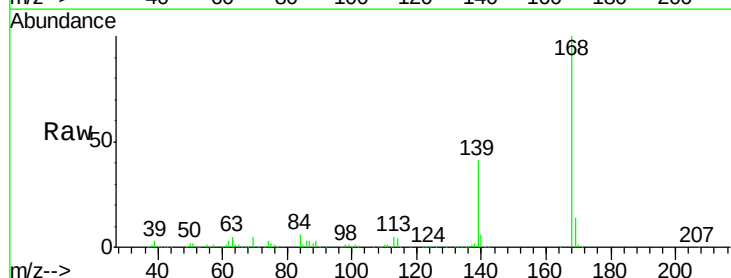
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	3572		
63	65.8	57.3	85.9	
154	92.3	55.2	82.8	

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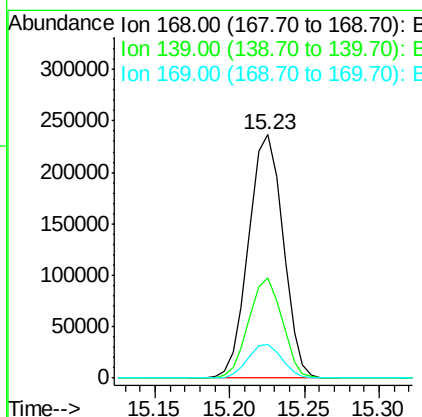
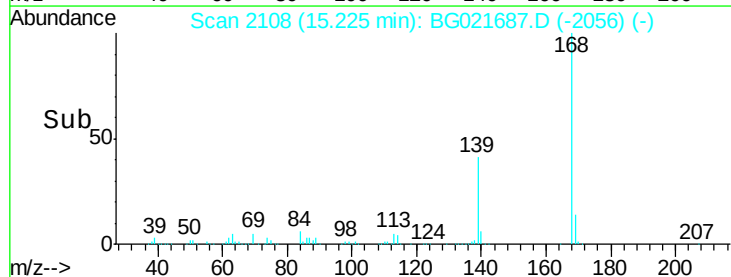
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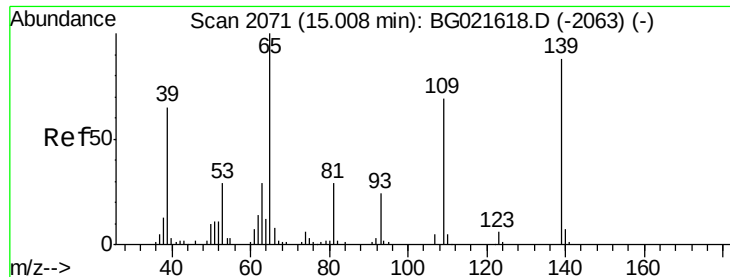


#54
Dibenzofuran
Concen: 43.97 ng
RT: 15.23 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38



Tgt Ion	Ratio	Resp	Lower	Upper
168	100	378717		
139	41.1	31.1	46.7	
169	13.8	11.0	16.6	





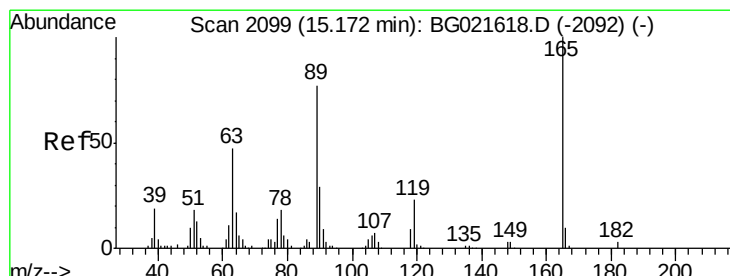
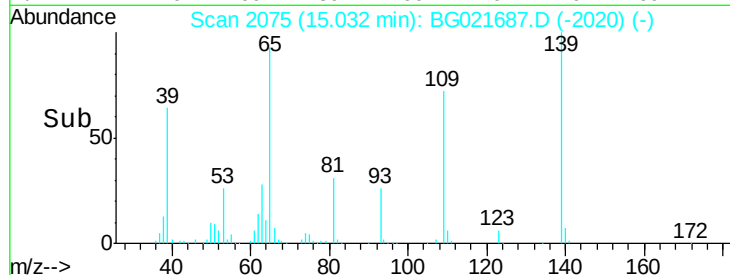
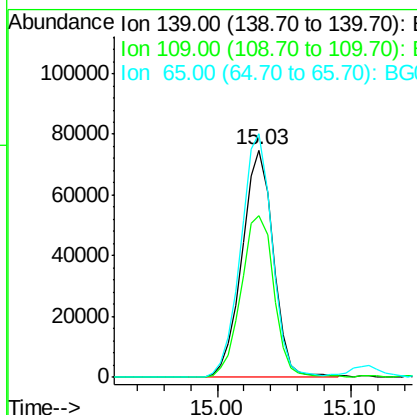
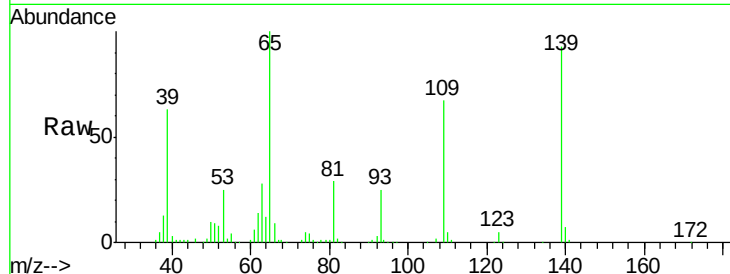
#55
4-Nitrophenol
Concen: 80.55 ng
RT: 15.03 min Scan# 2075
Delta R.T. 0.02 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Instrument :
BNA_G
ClientSampleId :
PB89669BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	120828		
109	71.2	49.2	89.2	
65	107.1	83.2	123.2	

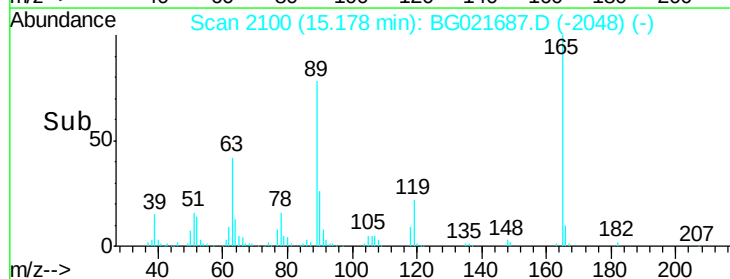
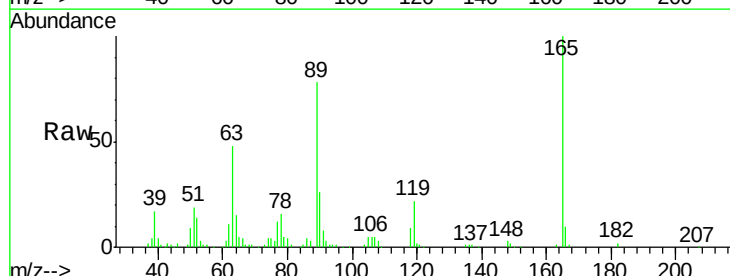
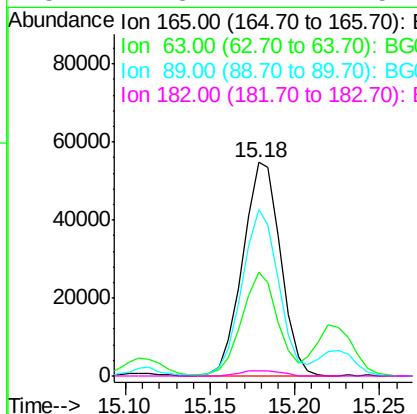
Manual Integrations
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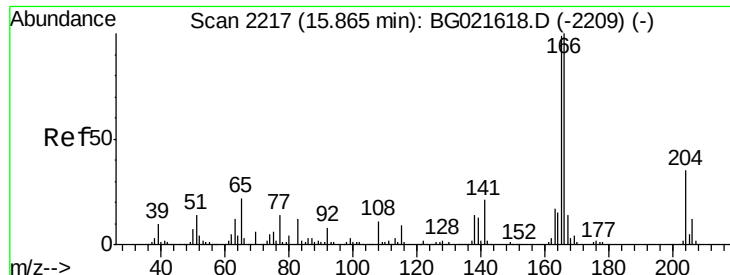
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#56
2,4-Dinitrotoluene
Concen: 40.03 ng
RT: 15.18 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	85466		
63	48.4	37.4	56.0	
89	77.9	59.4	89.0	
182	2.3	2.1	3.1	





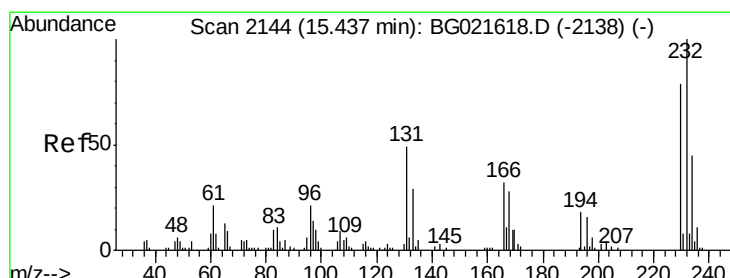
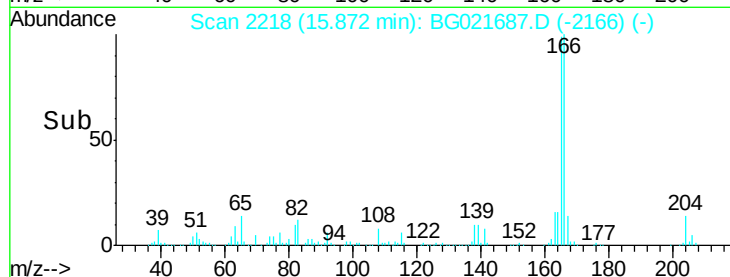
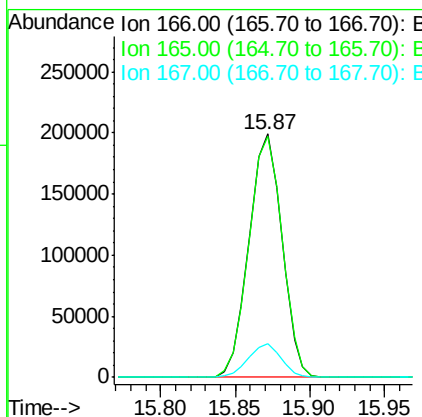
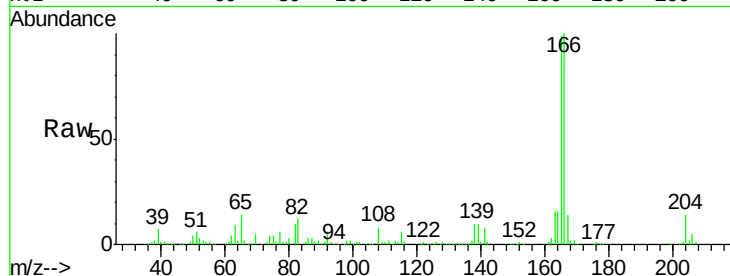
#57
 Fluorene
 Concen: 39.51 ng
 RT: 15.87 min Scan# 2218
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	303917		
165	99.0	79.0	118.4	
167	13.7	10.7	16.1	

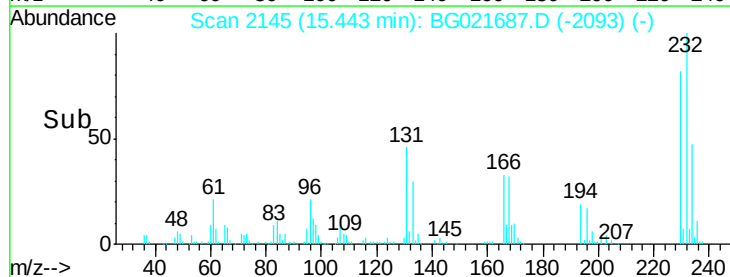
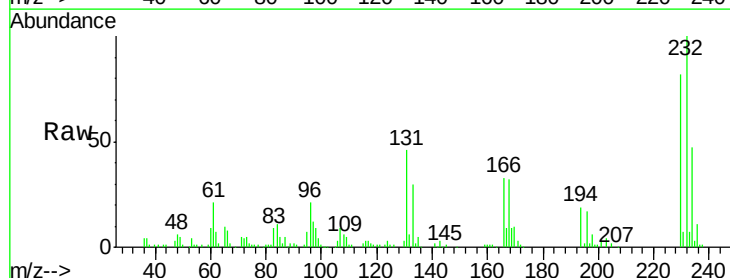
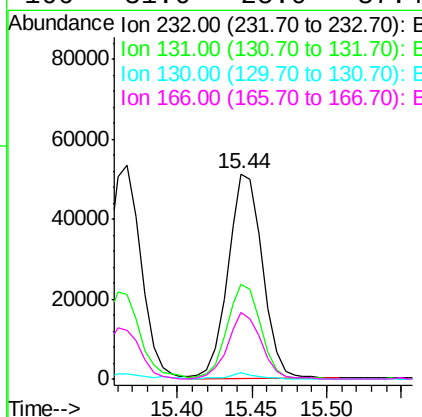
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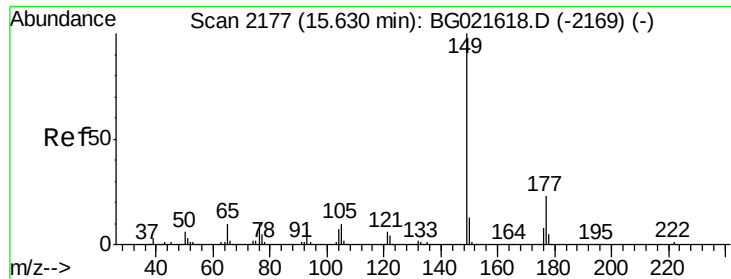
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 4/15/2016 4:45:01 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.19 ng
 RT: 15.44 min Scan# 2145
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	82383		
131	45.7	36.3	54.5	
130	2.5	1.9	2.9	
166	31.6	25.0	37.4	





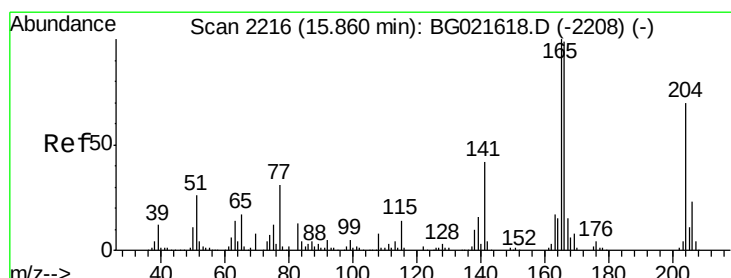
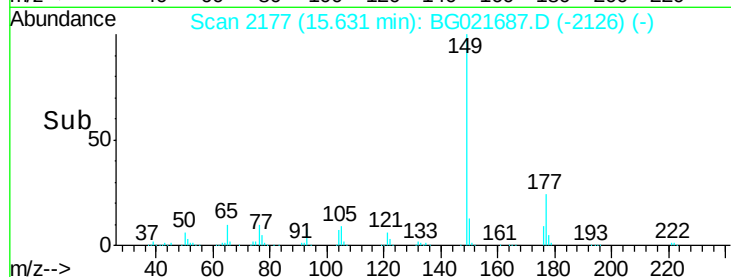
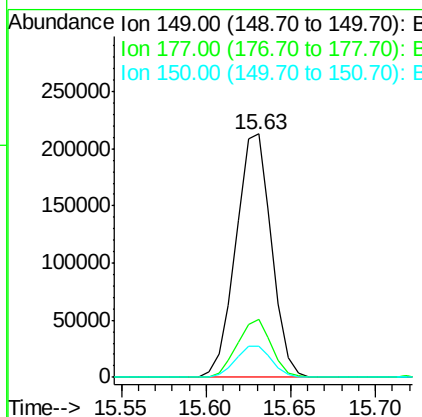
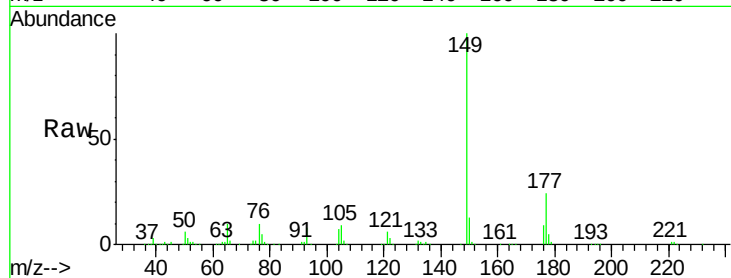
#59
Diethylphthalate
Concen: 35.95 ng
RT: 15.63 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Instrument :
BNA_G
ClientSampleId :
PB89669BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	310897		
177	24.0	17.3	25.9	
150	12.9	9.7	14.5	

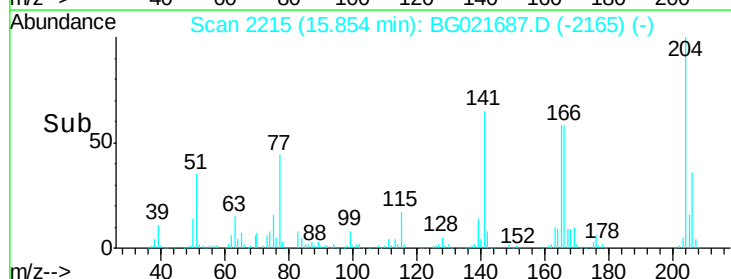
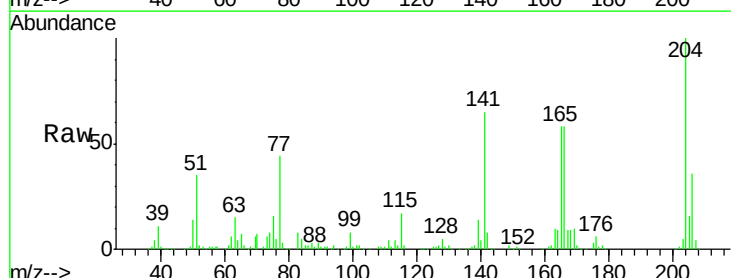
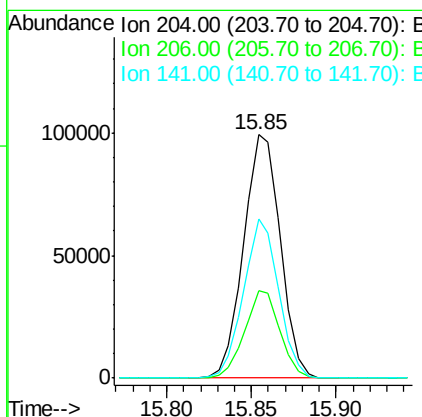
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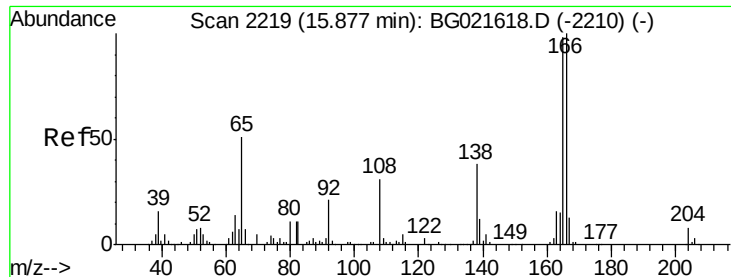
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4/15/2016 4:45:01 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.57 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	149925		
206	35.9	27.8	41.8	
141	65.2	51.0	76.4	





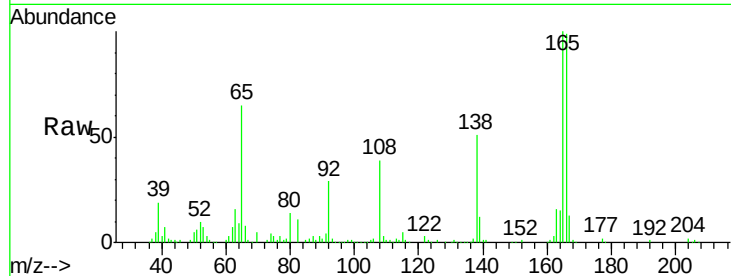
#61
4-Nitroaniline
Concen: 37.70 ng
RT: 15.88 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Instrument :
BNA_G
ClientSampleId :
PB89669BS

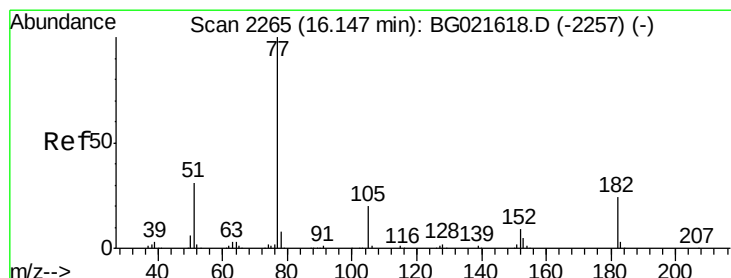
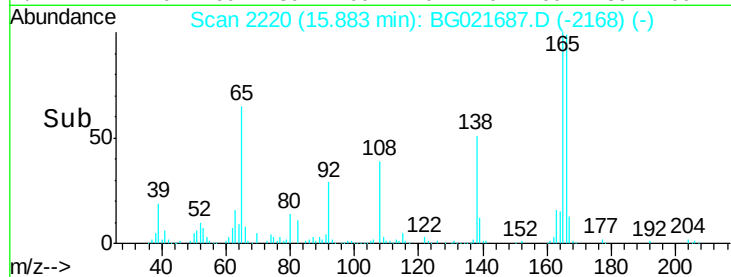
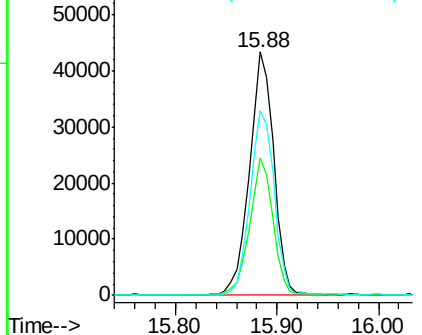
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	72668		
92	56.2	37.7	77.7	
108	76.0	59.4	99.4	

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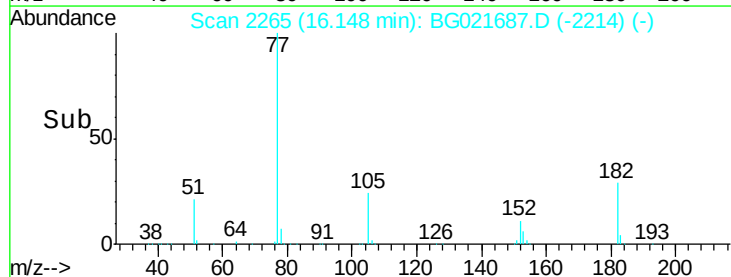
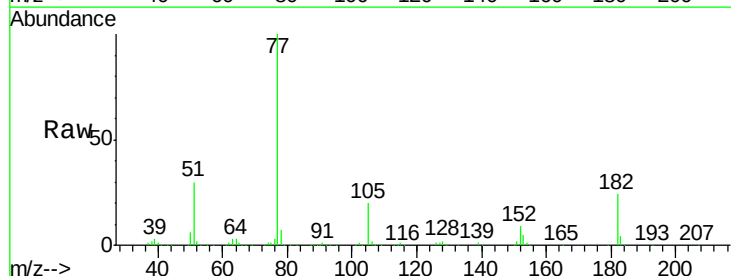
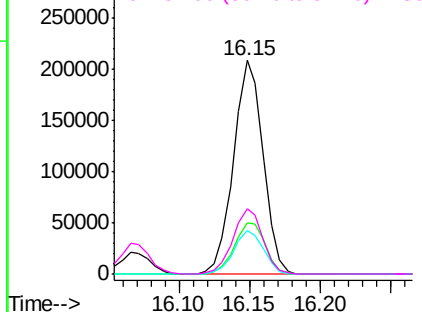
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

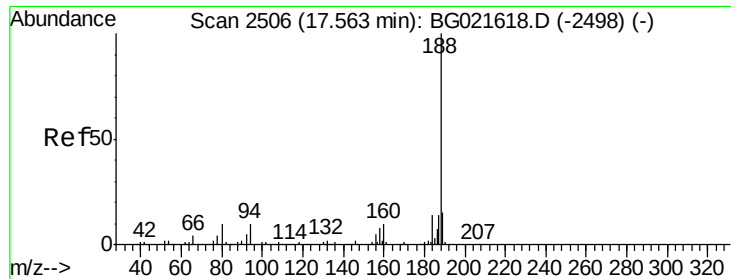


#62
Azobenzene
Concen: 41.01 ng
RT: 16.15 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	303865		
182	24.2	4.1	44.1	
105	20.3	0.0	39.8	
51	30.4	11.1	51.1	

Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

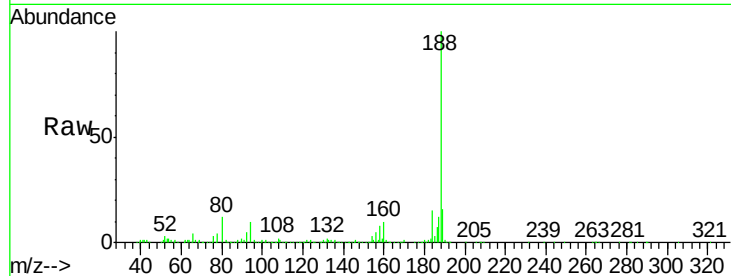
ClientSampleId :

PB89669BS

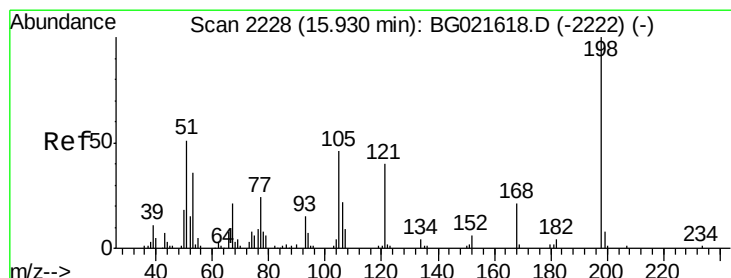
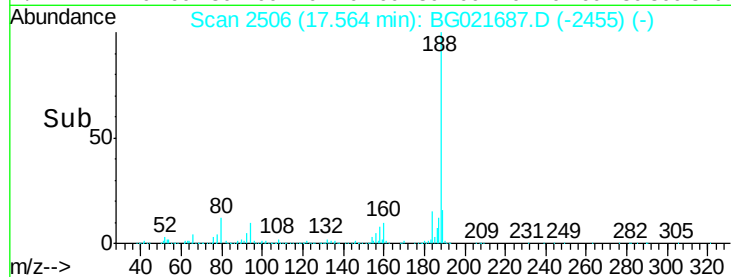
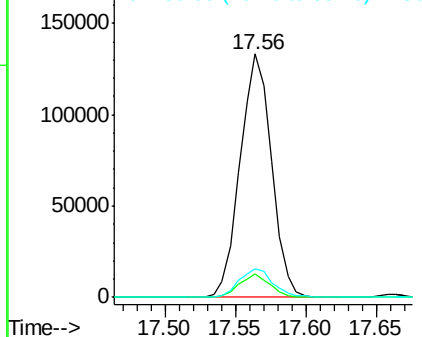
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	207000		
94	9.7	7.5	11.3	
80	11.8	8.6	13.0	

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 8.54 ng

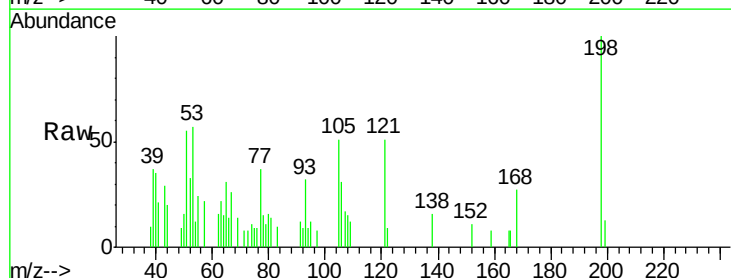
RT: 15.94 min Scan# 2229

Delta R.T. 0.01 min

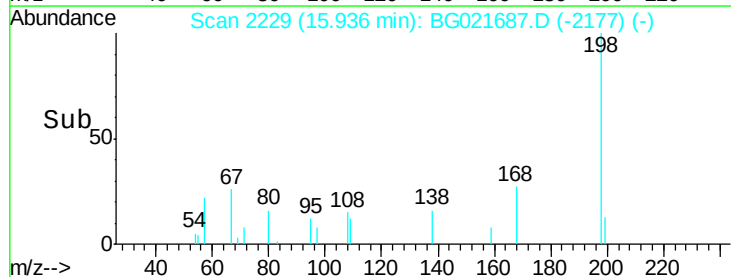
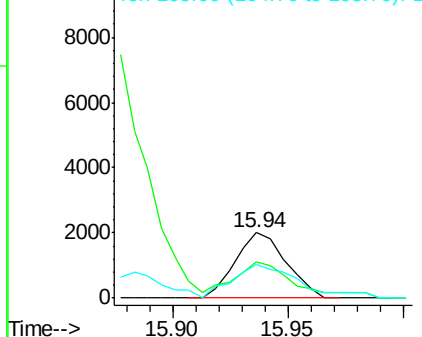
Lab File: BG021687.D

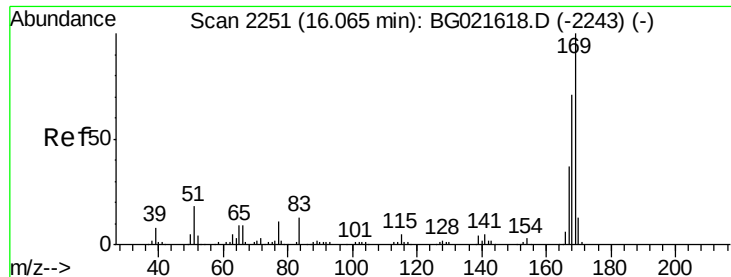
Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	3050		
51	55.1	29.2	69.2	
105	51.3	24.0	64.0	



Abundance Ion 198.00 (197.70 to 198.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.69 ng

RT: 16.07 min Scan# 2252

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

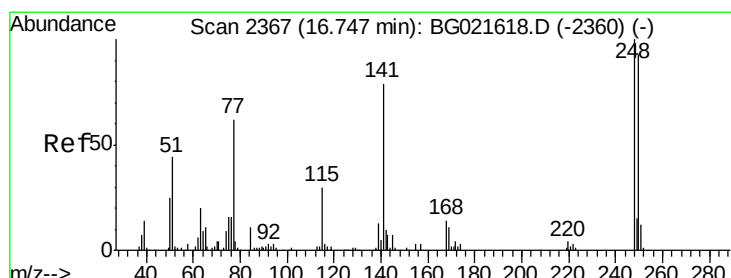
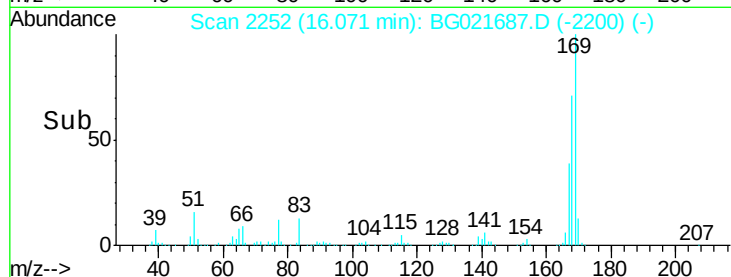
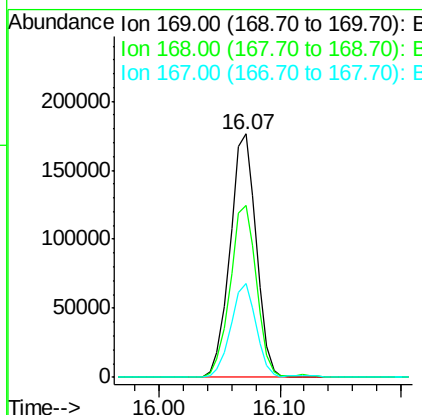
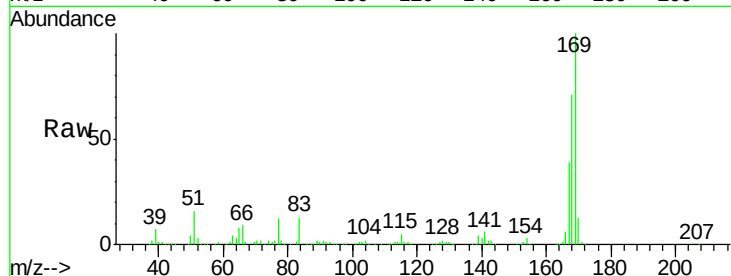
ClientSampleId :

PB89669BS

Tgt Ion:	169	Resp:	265059
Ion Ratio	Lower	Upper	
169	100		
168	70.7	59.6	89.4
167	38.6	31.2	46.8

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#66

4-Bromophenyl-phenylether

Concen: 43.03 ng

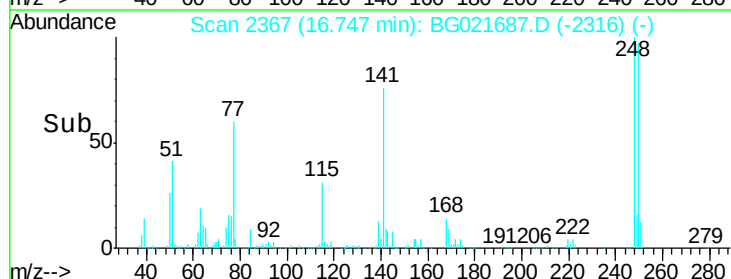
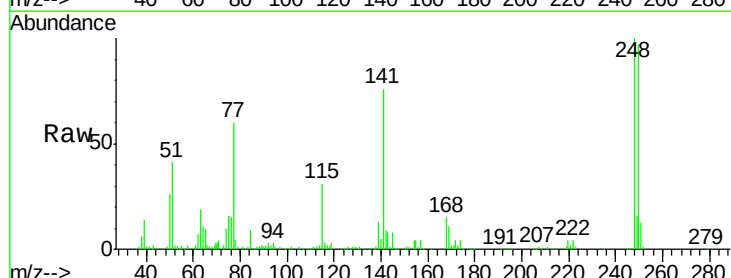
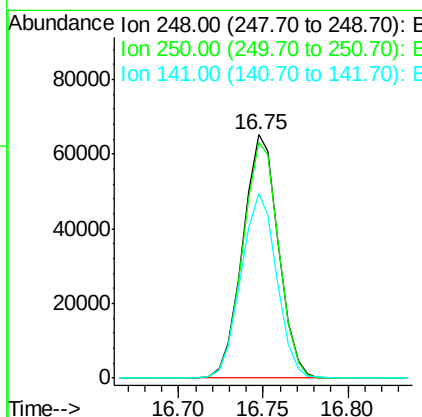
RT: 16.75 min Scan# 2367

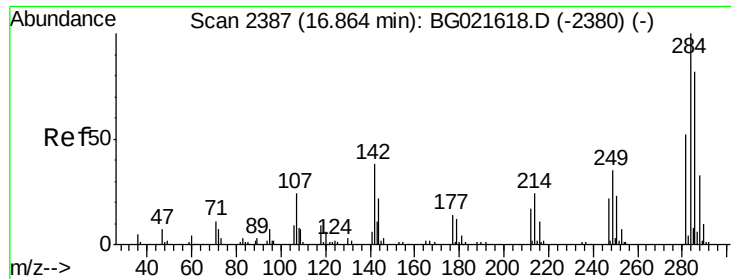
Delta R.T. 0.00 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Tgt Ion:	248	Resp:	95431
Ion Ratio	Lower	Upper	
248	100		
250	96.8	76.6	114.8
141	75.9	63.8	95.6





#67

Hexachlorobenzene

Concen: 43.04 ng

RT: 16.87 min Scan# 2388

Delta R.T. 0.01 min

Lab File: BG021687.D

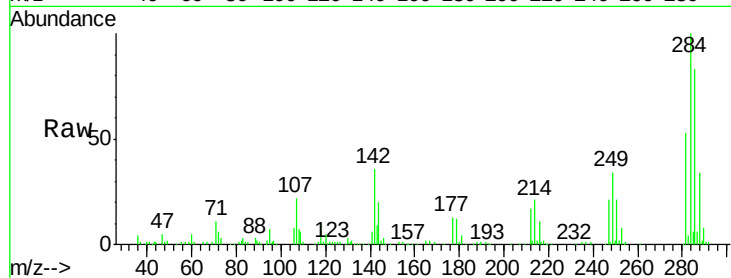
Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

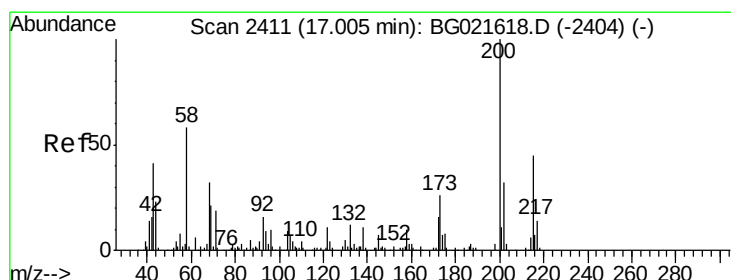
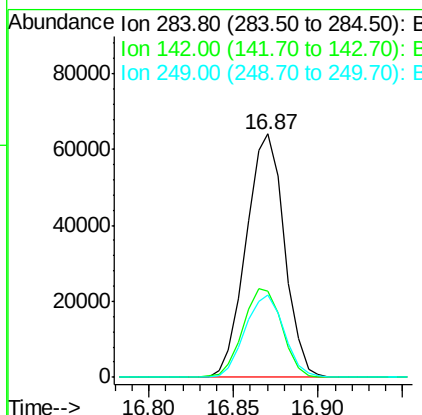
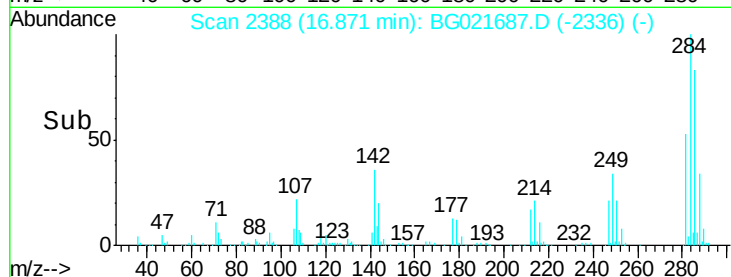
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Tgt Ion:	284	Resp:	100762
Ion Ratio	Lower	Upper	
284	100		
142	35.6	31.8	47.6
249	33.8	27.3	40.9

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#68

Atrazine

Concen: 41.09 ng

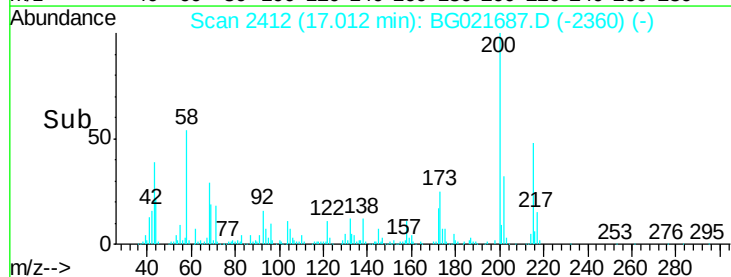
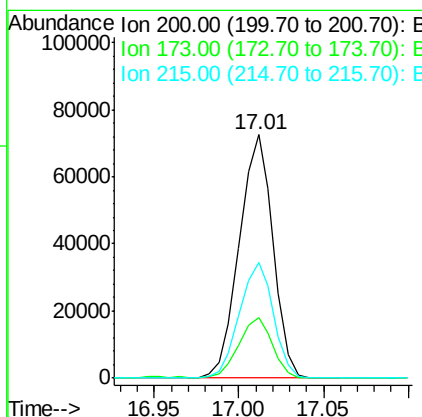
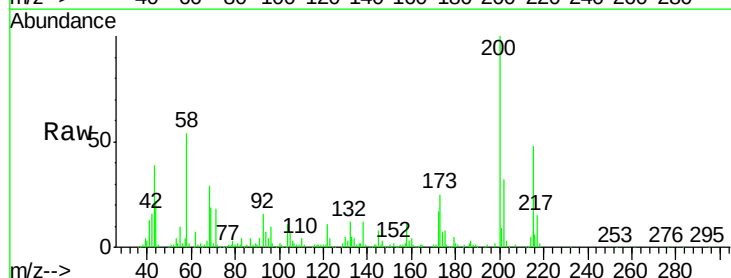
RT: 17.01 min Scan# 2412

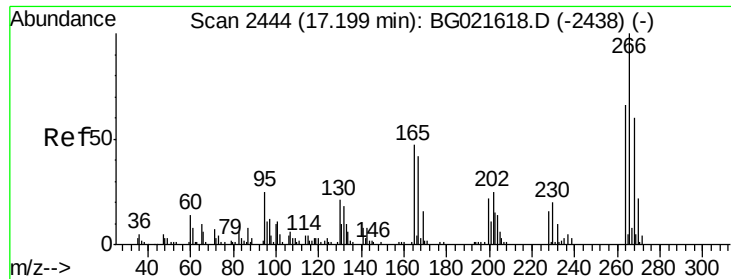
Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Tgt Ion:	200	Resp:	100731
Ion Ratio	Lower	Upper	
200	100		
173	24.9	5.1	45.1
215	47.5	28.0	68.0





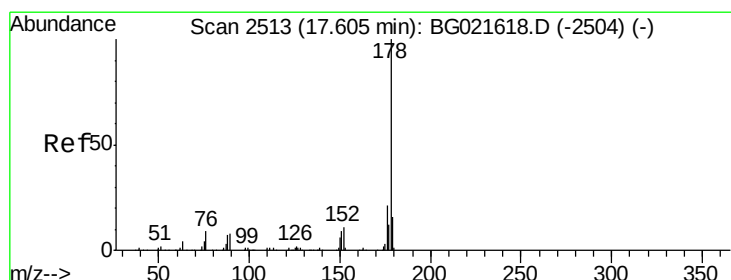
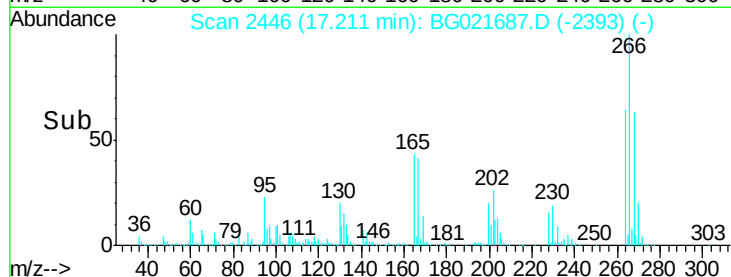
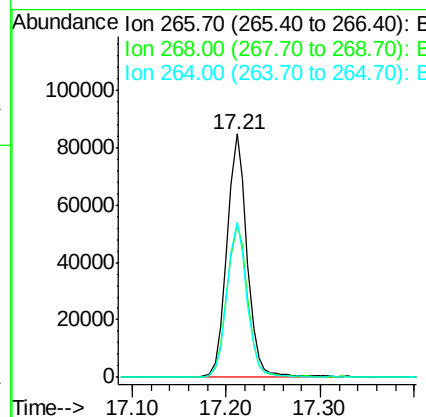
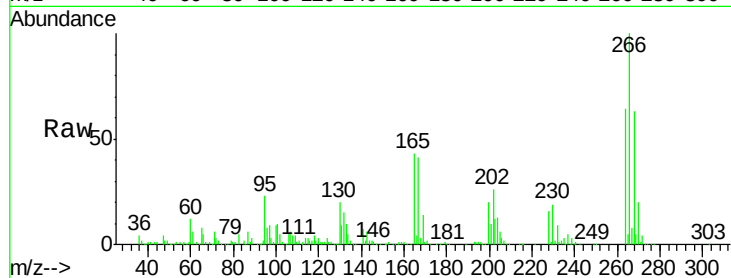
#69
 Pentachlorophenol
 Concen: 95.40 ng
 RT: 17.21 min Scan# 2446
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	127507		
268	62.8	54.5	81.7	
264	63.6	53.8	80.6	

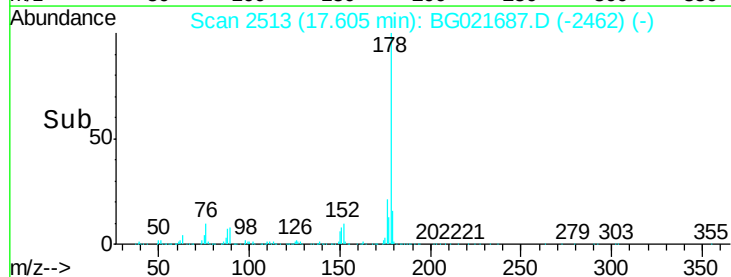
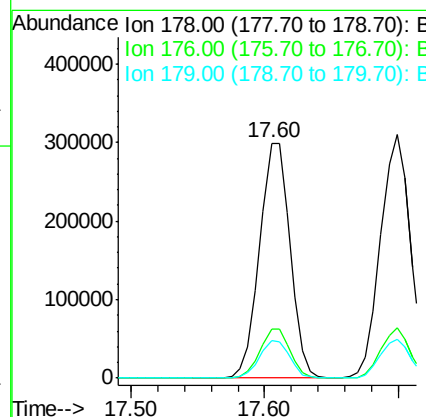
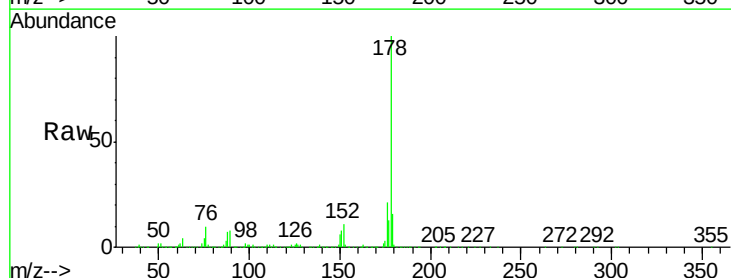
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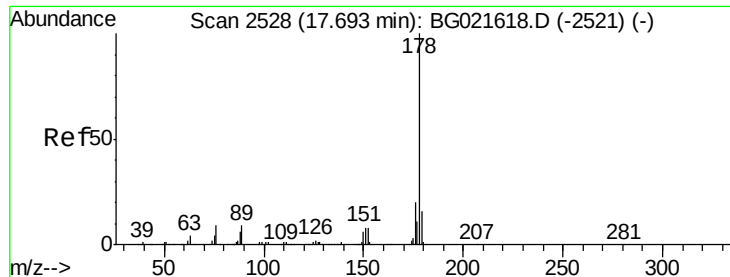
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#70
 Phenanthrene
 Concen: 41.32 ng
 RT: 17.60 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	471356		
176	21.1	16.2	24.4	
179	15.8	12.0	18.0	





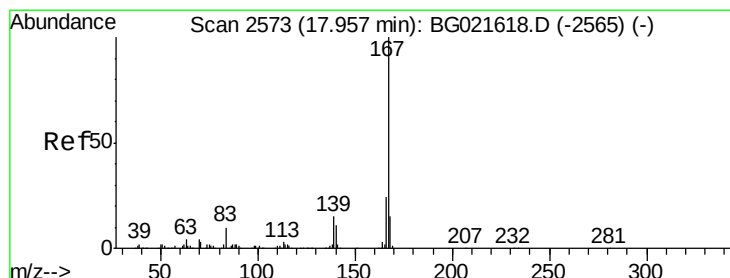
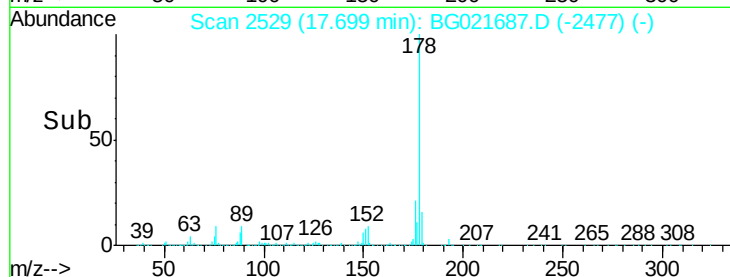
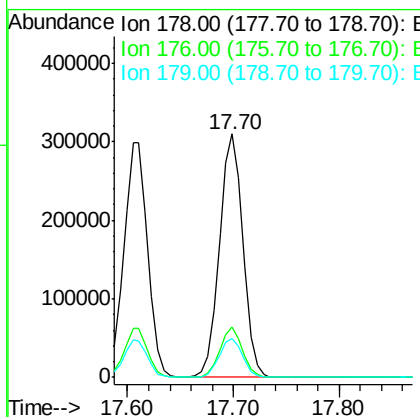
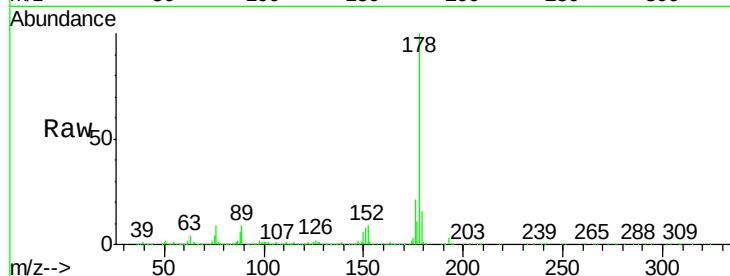
#71
 Anthracene
 Concen: 41.30 ng
 RT: 17.70 min Scan# 2529
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	478315		
176	20.6	15.0	22.4	
179	16.1	12.2	18.4	

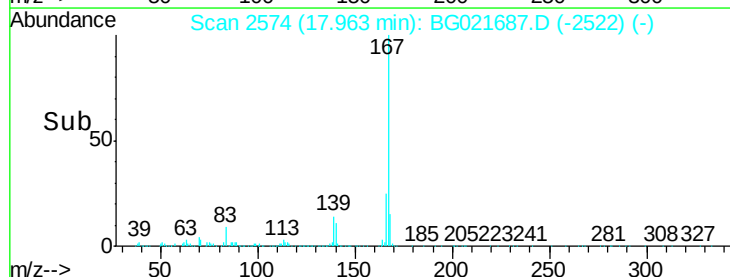
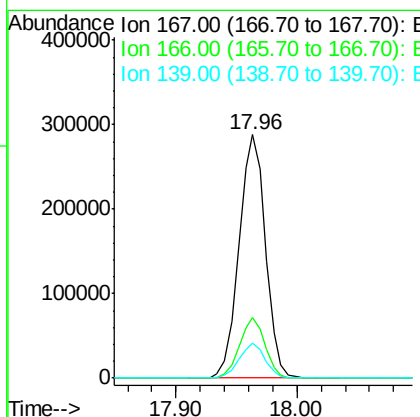
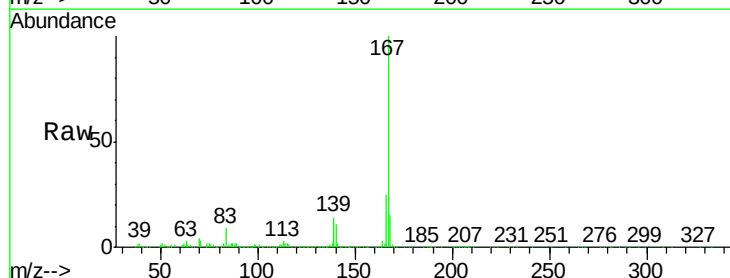
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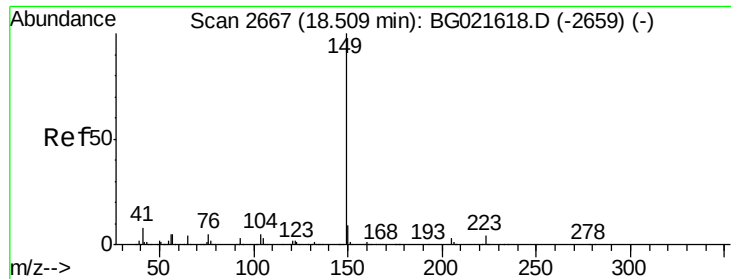
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#72
 Carbazole
 Concen: 40.65 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	439414		
166	24.7	18.6	27.8	
139	14.1	10.6	15.8	





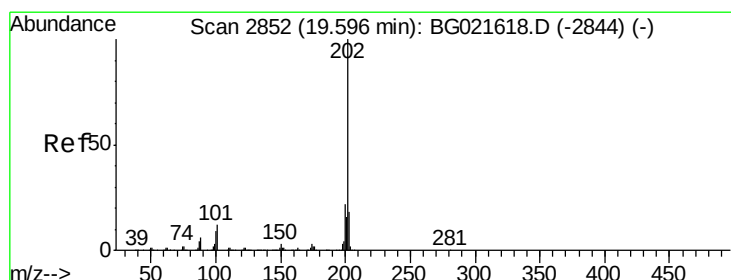
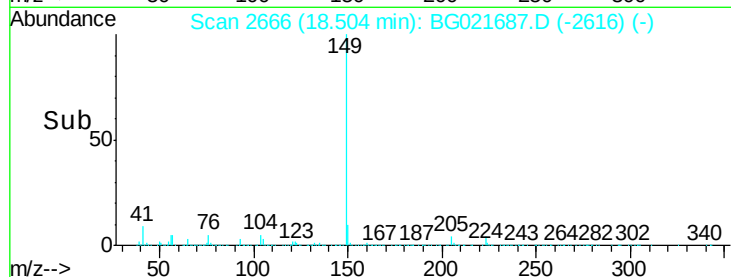
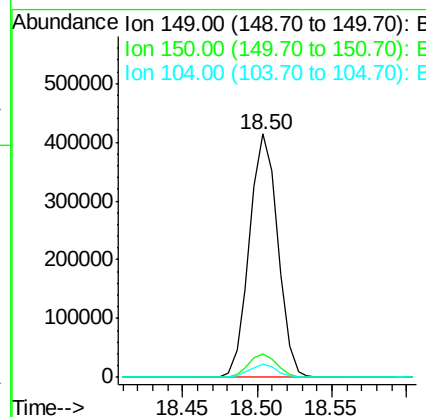
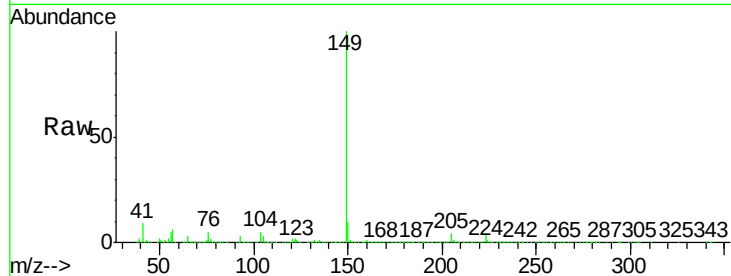
#73
Di-n-butylphthalate
Concen: 39.31 ng
RT: 18.50 min Scan# 2666
Delta R.T. -0.01 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Instrument :
BNA_G
ClientSampleId :
PB89669BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.7	7.4	11.0
104	5.3	4.0	6.0

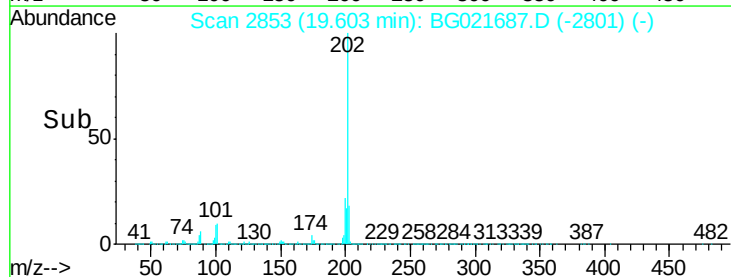
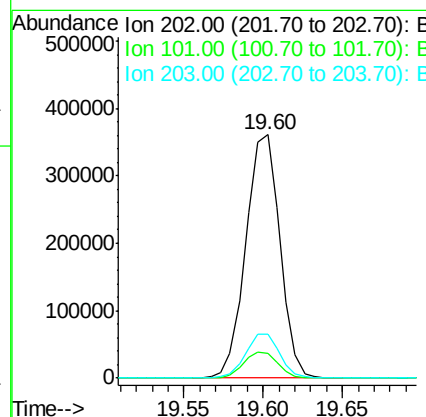
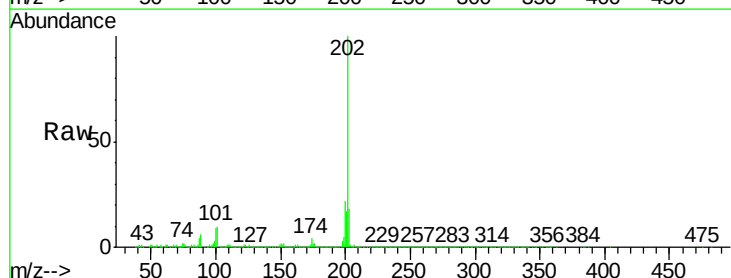
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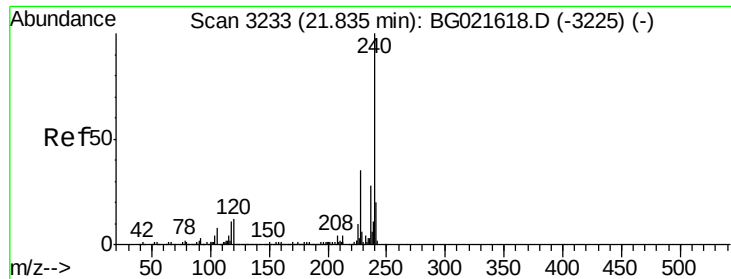
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#74
Fluoranthene
Concen: 39.43 ng
RT: 19.60 min Scan# 2853
Delta R.T. 0.01 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.4	0.0	31.0
203	18.3	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

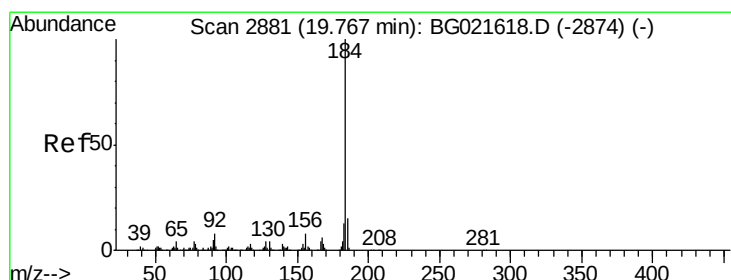
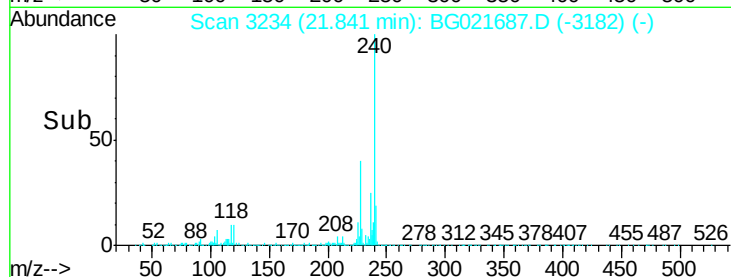
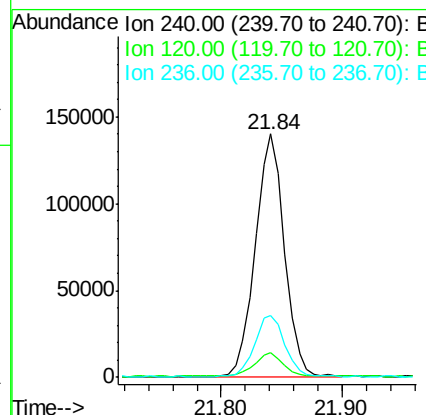
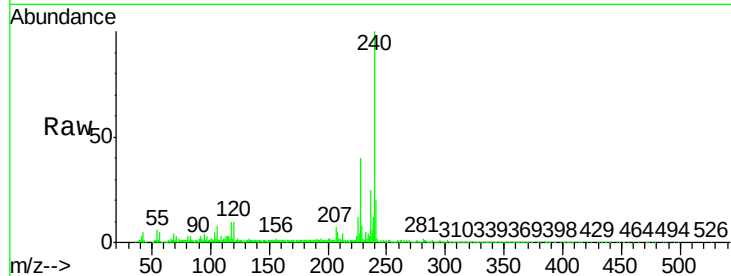
ClientSampleId :

PB89669BS

Tgt Ion:	240	Resp:	233489
Ion Ratio	Lower	Upper	
240	100		
120	9.9	8.4	12.6
236	25.4	19.6	29.4

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#76

Benzidine

Concen: 29.59 ng

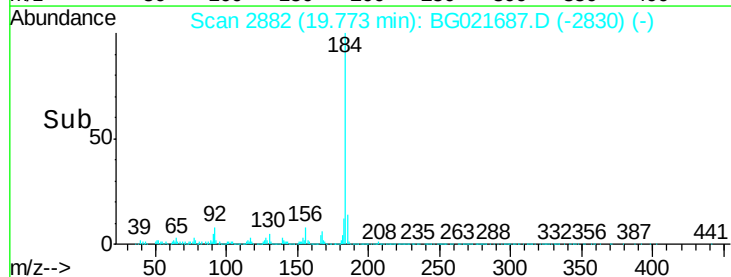
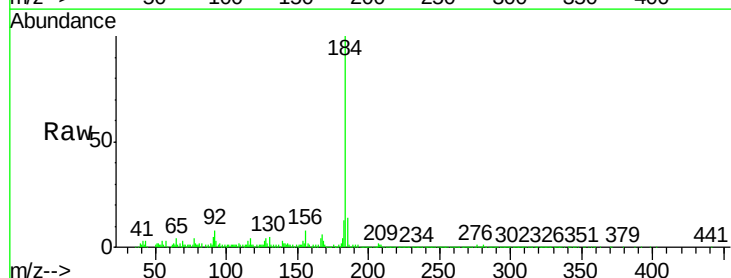
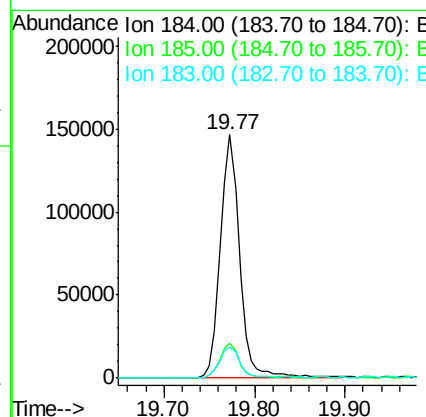
RT: 19.77 min Scan# 2882

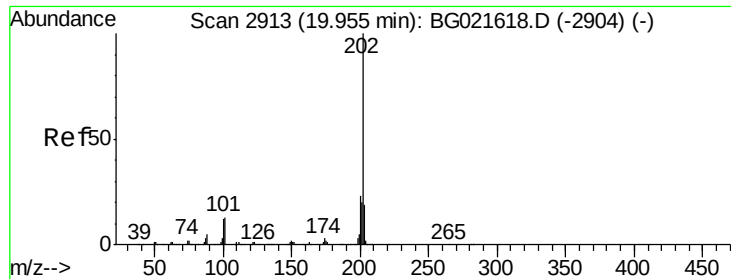
Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Tgt Ion:	184	Resp:	215143
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.5	17.3
183	12.8	10.2	15.4





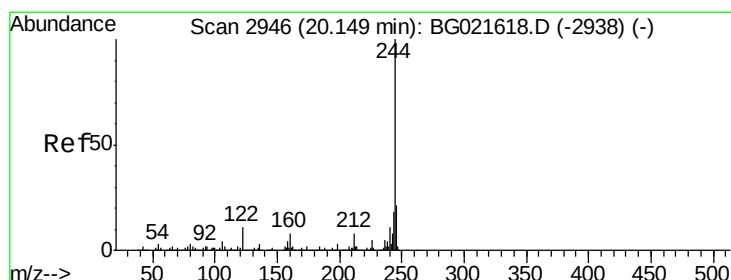
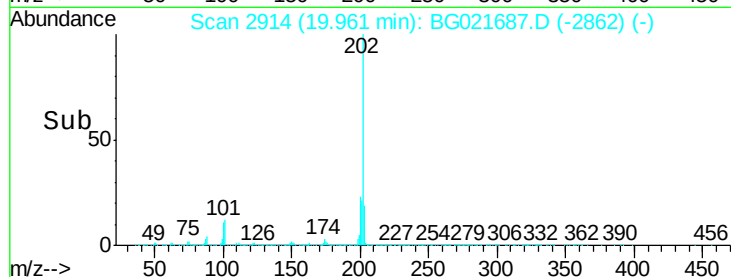
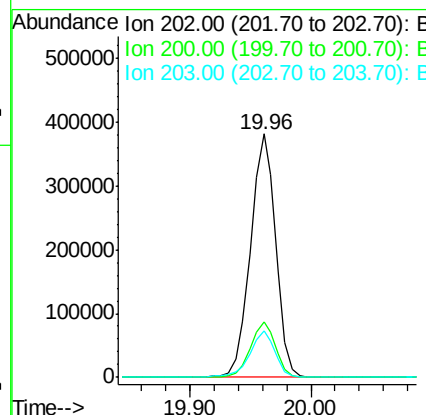
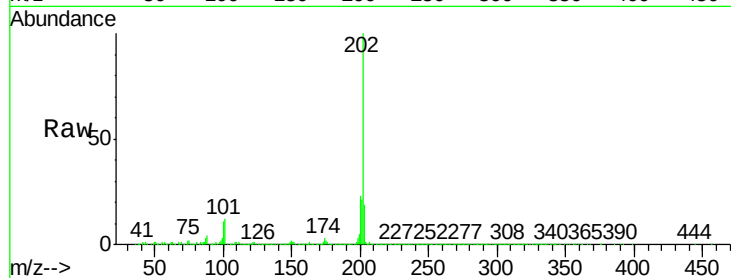
#77
 Pyrene
 Concen: 41.18 ng
 RT: 19.96 min Scan# 2914
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	23.0	18.2	27.2
203	19.2	15.0	22.4

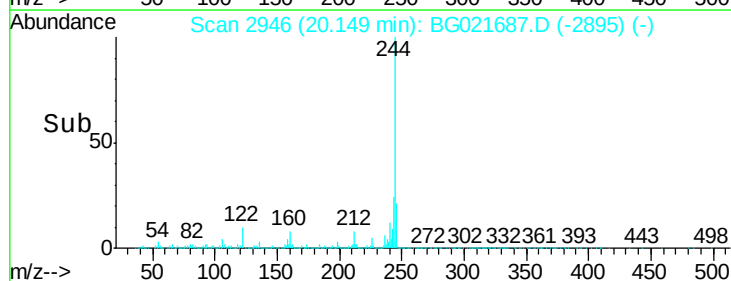
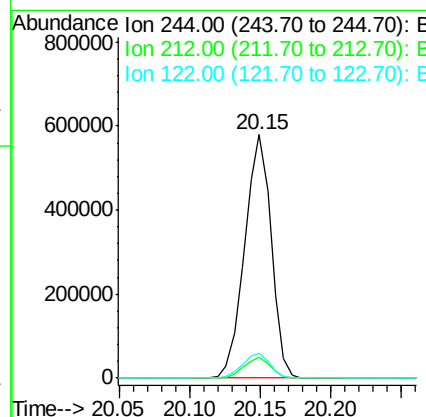
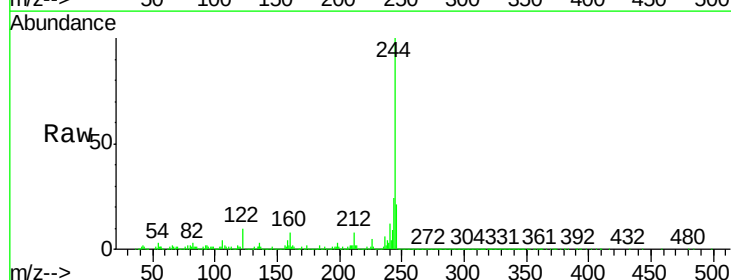
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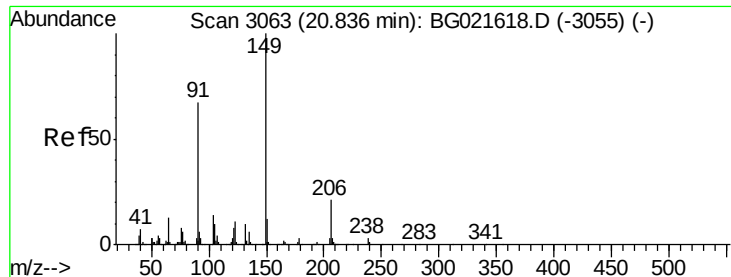
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#78
 Terphenyl-d14
 Concen: 81.34 ng
 RT: 20.15 min Scan# 2946
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

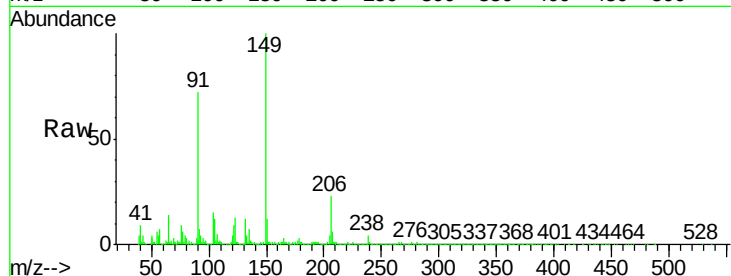
Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.3	6.5	9.7
122	10.3	8.6	12.8





#79
Butylbenzylphthalate
Concen: 40.22 ng
RT: 20.83 min Scan# 3062
Delta R.T. -0.01 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

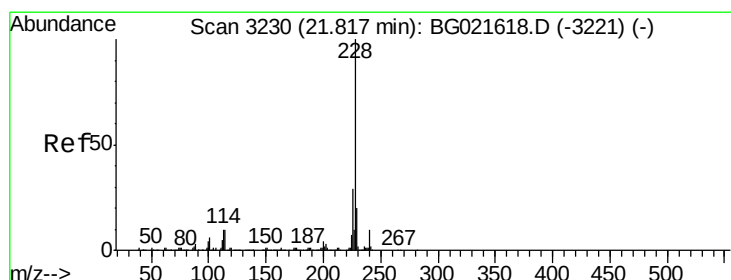
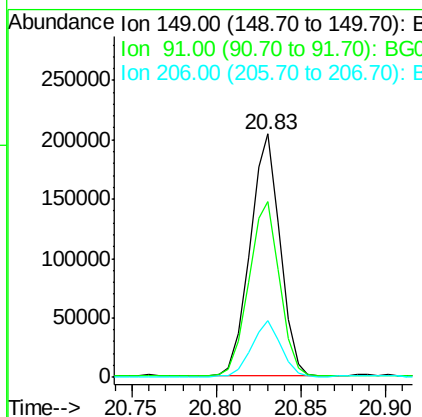
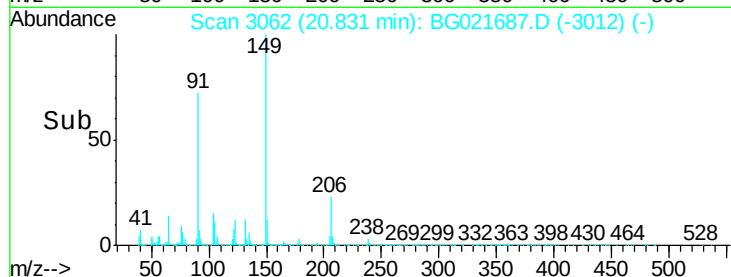
Instrument :
BNA_G
ClientSampleId :
PB89669BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	72.4	57.8	86.8
206	23.2	17.0	25.4

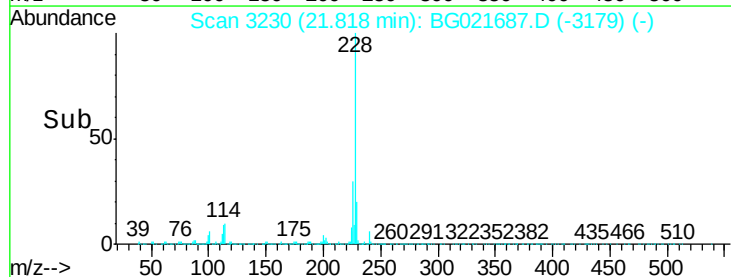
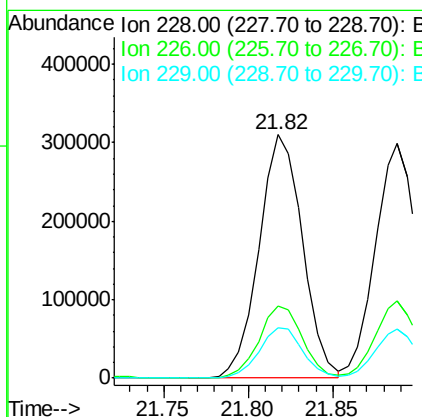
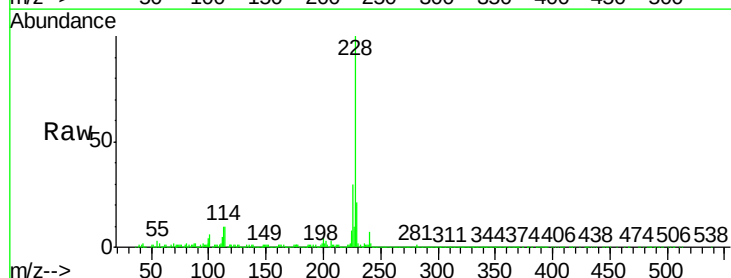
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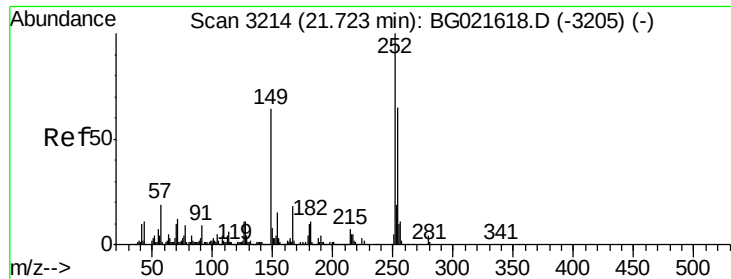
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#80
Benzo(a)anthracene
Concen: 41.16 ng
RT: 21.82 min Scan# 3230
Delta R.T. 0.00 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.7	22.6	34.0
229	20.5	16.1	24.1





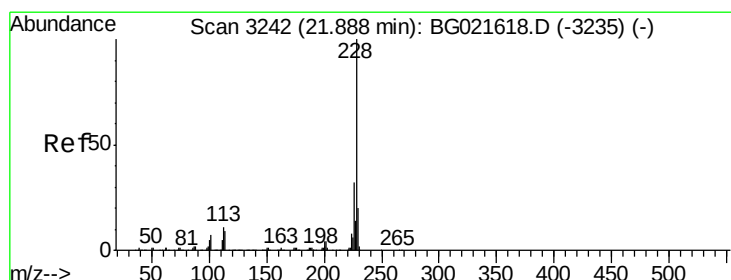
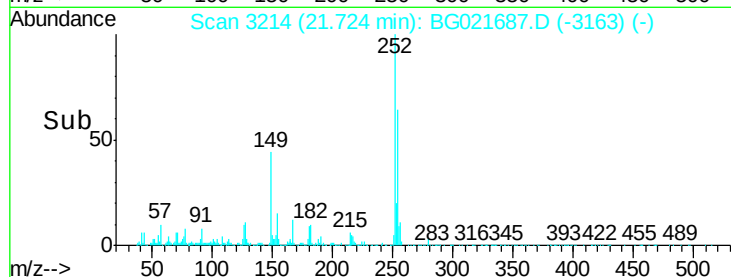
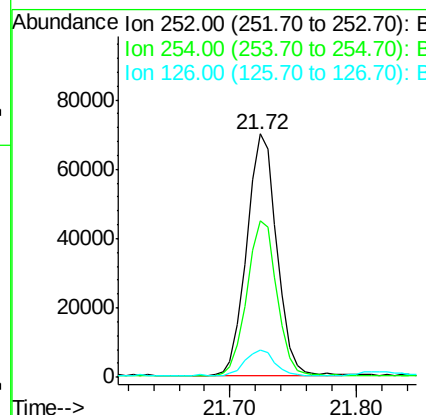
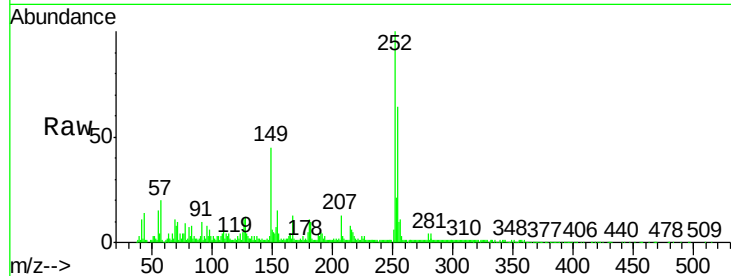
#81
 3,3'-Dichlorobenzidine
 Concen: 10.78 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	114633		
254	64.1	51.8	77.6	
126	11.1	8.8	13.2	

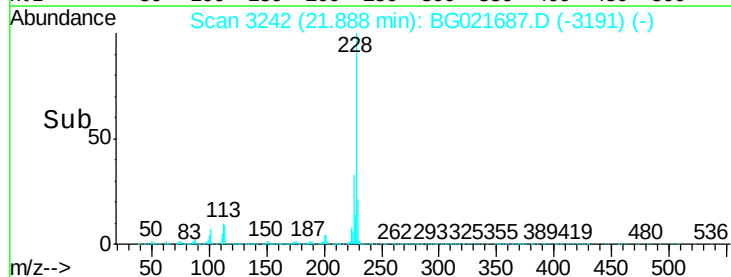
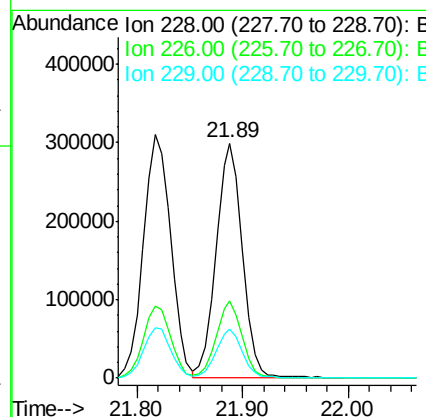
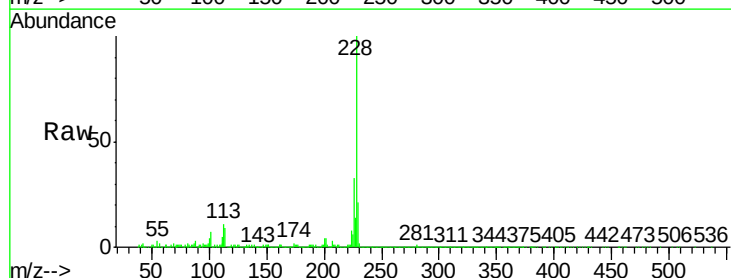
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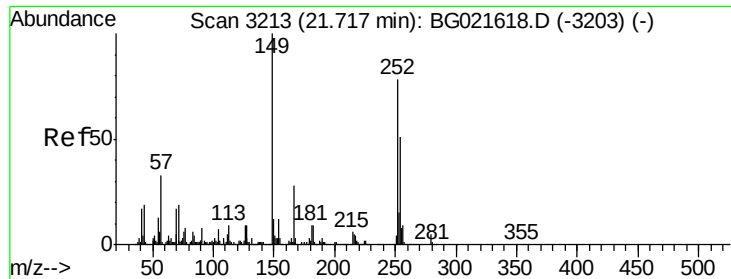
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#82
 Chrysene
 Concen: 39.86 ng
 RT: 21.89 min Scan# 3242
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	514566		
226	32.7	25.4	38.0	
229	20.8	15.9	23.9	





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.96 ng

RT: 21.71 min Scan# 3211

Delta R.T. -0.01 min

Lab File: BG021687.D

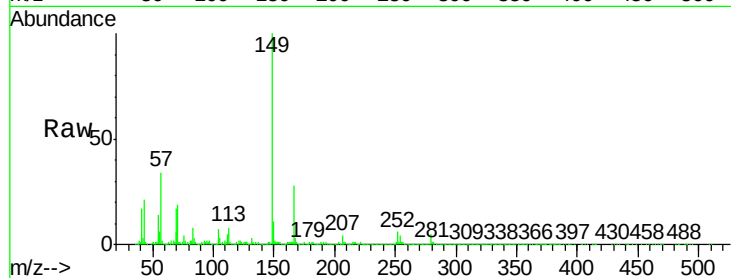
Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

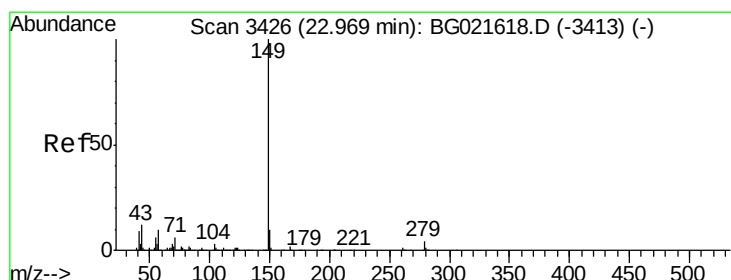
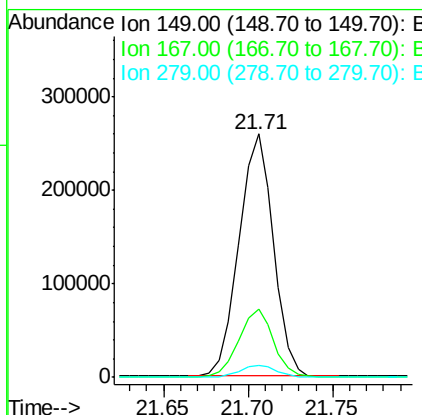
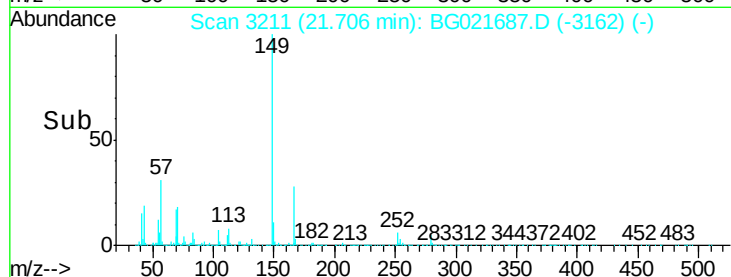
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Tgt Ion:	149	Resp:	365267
Ion Ratio	Lower	Upper	
149	100		
167	27.9	22.4	33.6
279	5.1	3.2	4.8#

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#84

Di-n-octyl phthalate

Concen: 41.43 ng

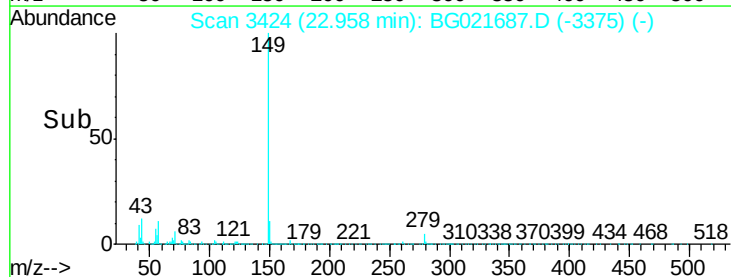
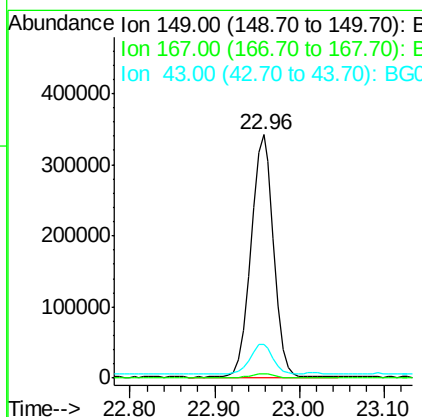
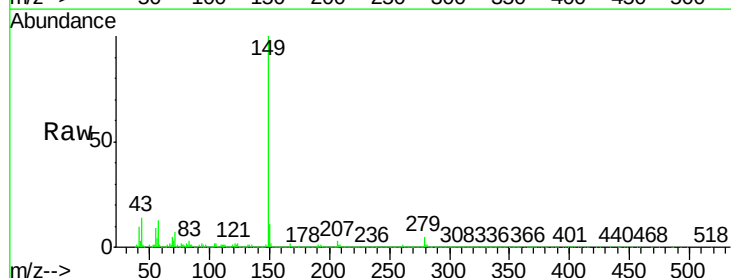
RT: 22.96 min Scan# 3424

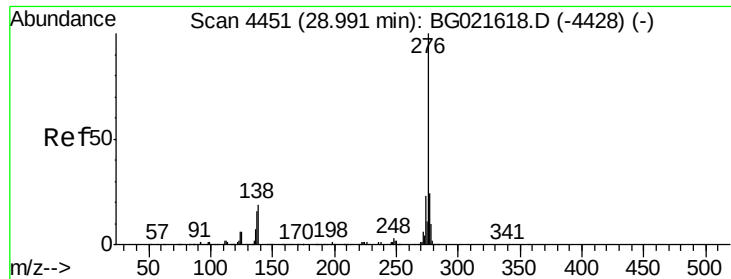
Delta R.T. -0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Tgt Ion:	149	Resp:	634322
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	12.1	9.8	14.6





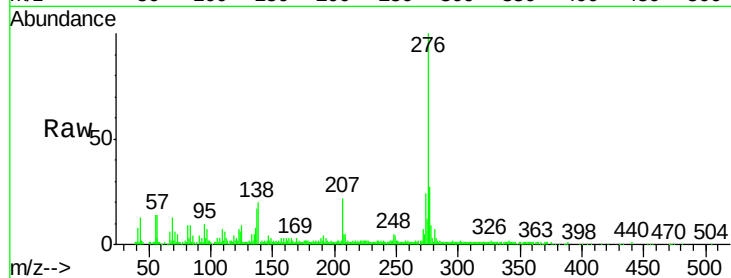
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 21.77 ng
 RT: 28.99 min Scan# 4451
 Delta R.T. 0.00 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB89669BS

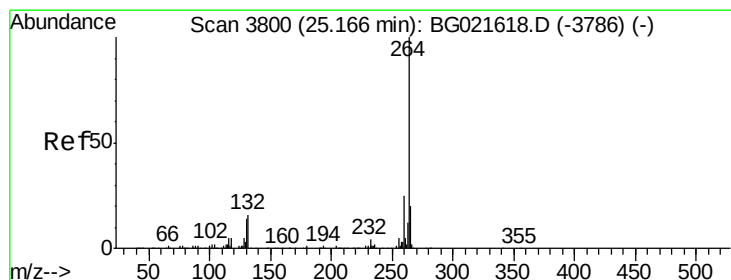
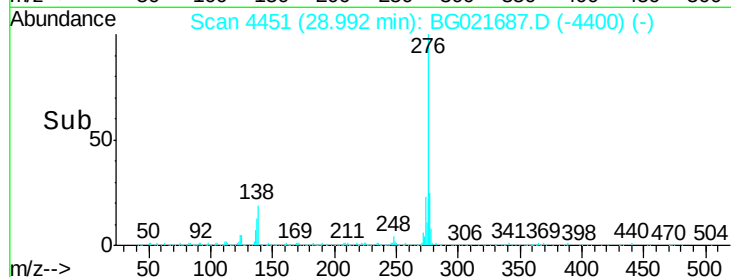
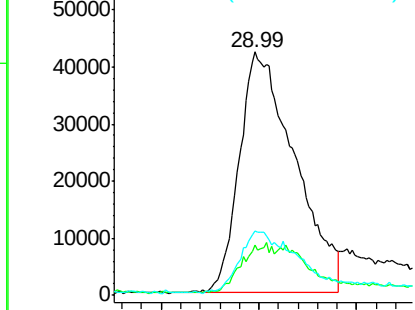
Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.5	14.0	21.0#
277	27.3	20.6	30.8

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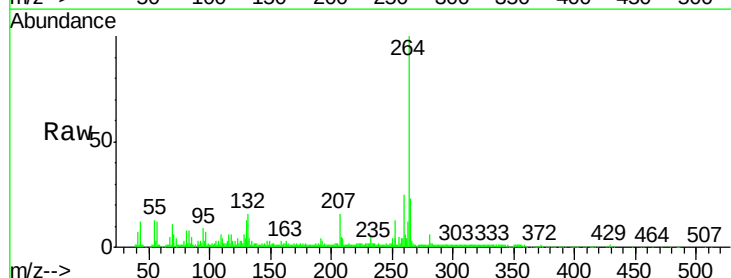


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

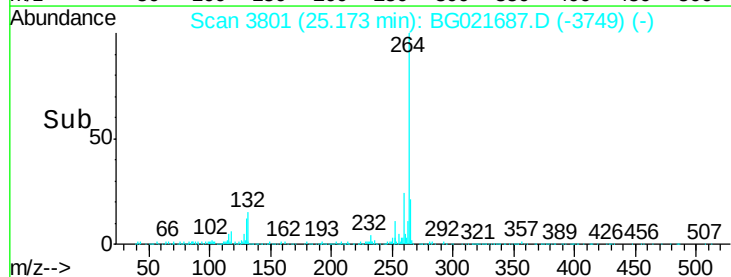
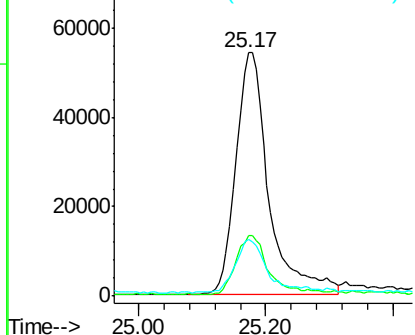


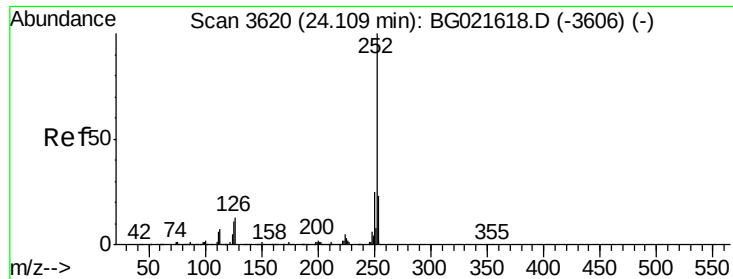
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.17 min Scan# 3801
 Delta R.T. 0.01 min
 Lab File: BG021687.D
 Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.4
265	23.1	17.8	26.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.57 ng

RT: 24.11 min Scan# 3621

Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

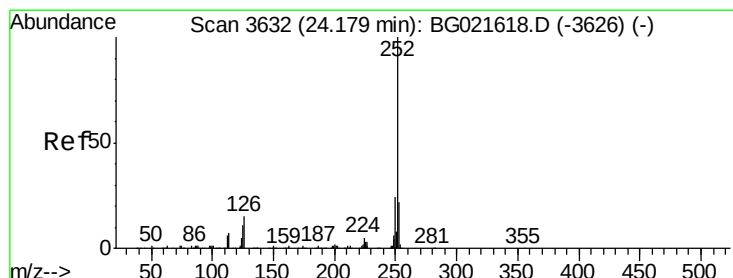
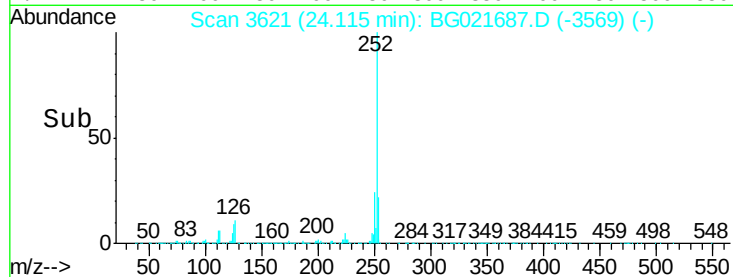
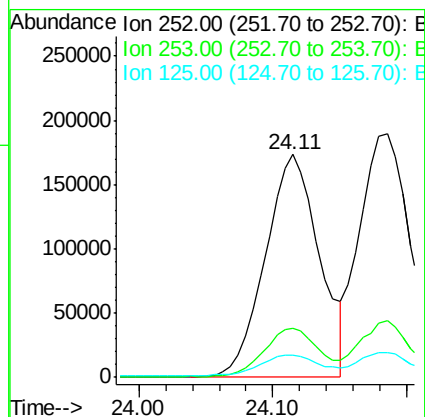
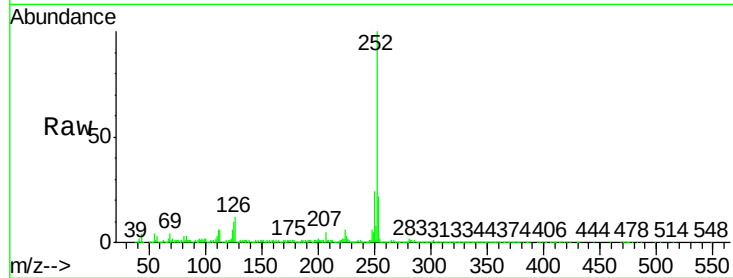
ClientSampleId :

PB89669BS

Tgt Ion:	252	Resp:	484263
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.5	26.3
125	10.0	8.6	13.0

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#88

Benzo(k)fluoranthene

Concen: 47.24 ng

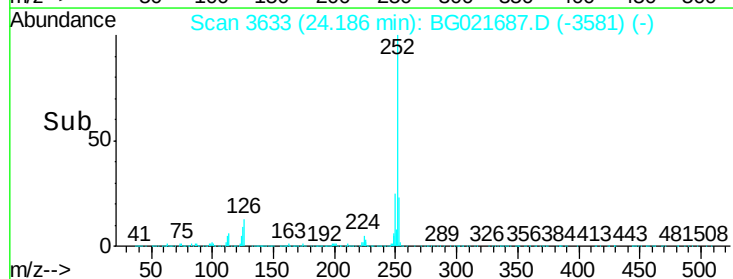
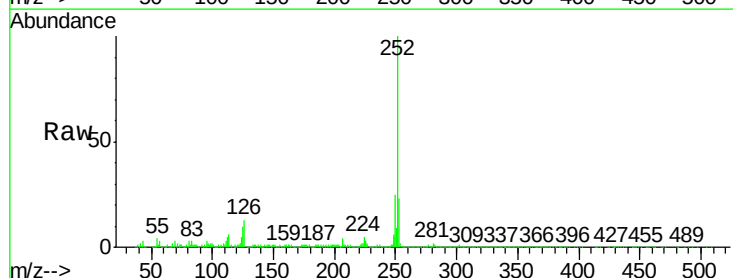
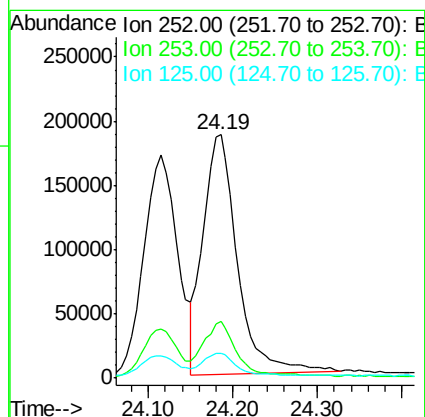
RT: 24.19 min Scan# 3633

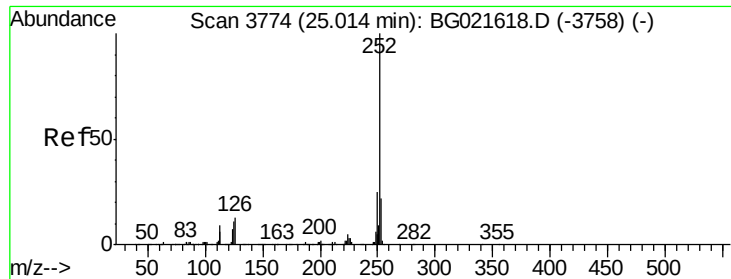
Delta R.T. 0.01 min

Lab File: BG021687.D

Acq: 15 Apr 2016 14:38

Tgt Ion:	252	Resp:	525447
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.8
125	10.3	8.3	12.5





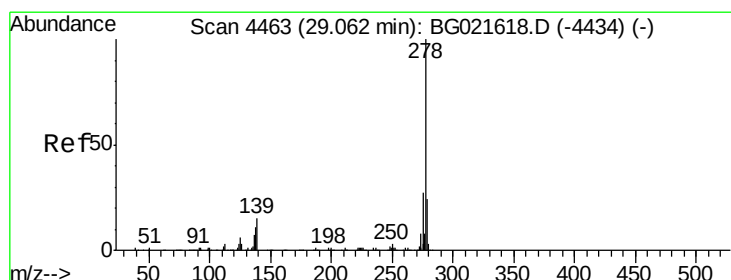
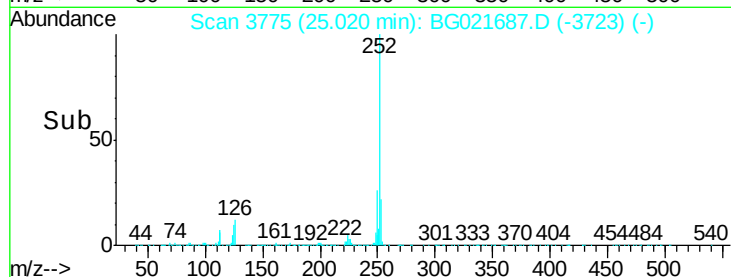
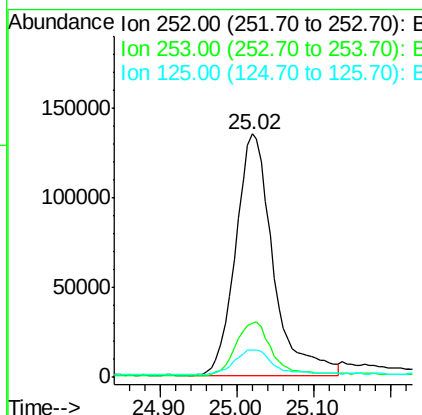
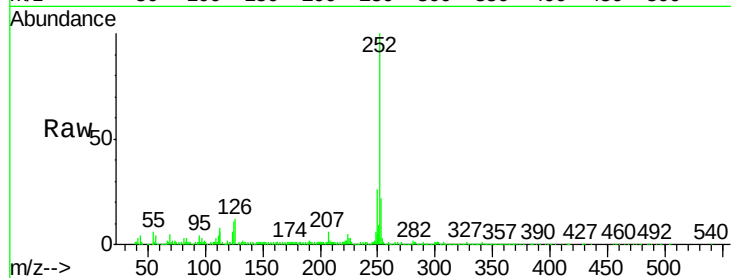
#89
Benzo(a)pyrene
Concen: 41.67 ng
RT: 25.02 min Scan# 3775
Delta R.T. 0.01 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Instrument :
BNA_G
ClientSampleId :
PB89669BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.4	17.1	25.7
125	11.4	9.6	14.4

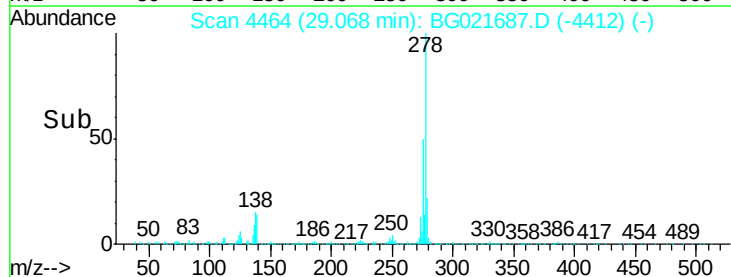
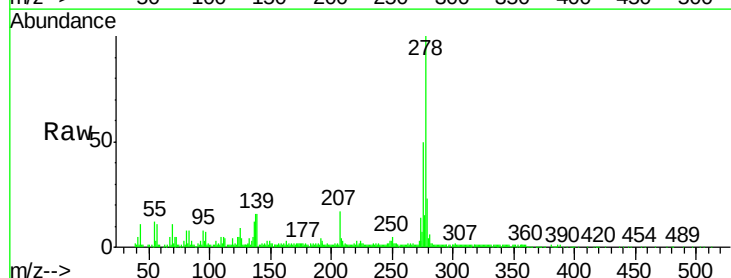
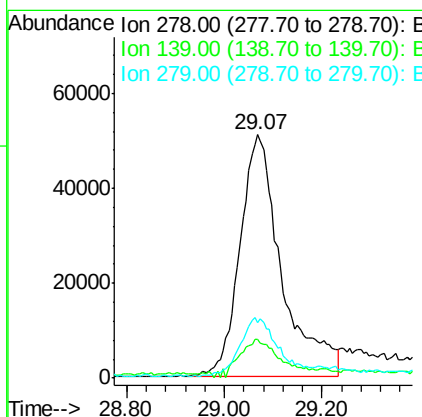
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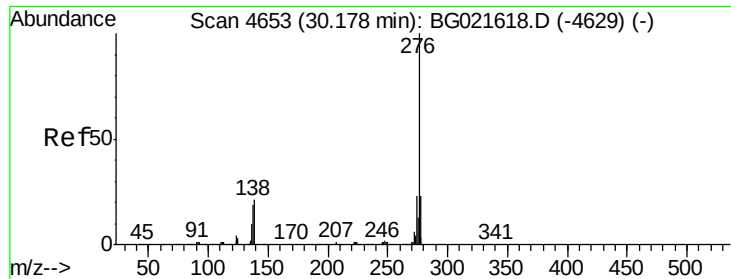
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#90
Dibenzo(a,h)anthracene
Concen: 27.34 ng
RT: 29.07 min Scan# 4464
Delta R.T. 0.01 min
Lab File: BG021687.D
Acq: 15 Apr 2016 14:38

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	15.7	11.9	17.9
279	22.9	18.2	27.2





#91

Benzo(g,h,i)perylene

Concen: 23.42 ng

RT: 30.18 min Scan# 4654

Delta R.T. 0.01 min

Lab File: BG021687.D

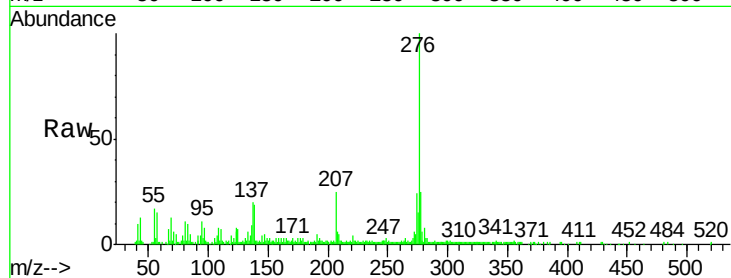
Acq: 15 Apr 2016 14:38

Instrument :

BNA_G

ClientSampleId :

PB89669BS



Tgt	Ion	276	Resp:	253927
	Ratio	100	Lower	Upper
	276	100		
	277	24.6	19.4	29.2
	138	19.2	17.4	26.0

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