

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
 Data File : BG021629.D
 Acq On : 13 Apr 2016 20:13
 Operator : UM/SJ
 Sample : PB89766BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB89766BS

Manual Integrations
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Sohil
 4/14/2016 5:29:37 PM

Quant Time: Apr 14 11:03:36 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	30011	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	135517	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	87404	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	206488	20.00	ng	0.00
75) Chrysene-d12	21.83	240	243158	20.00	ng	0.00
86) Perylene-d12	25.16	264	235798	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.76	112	246585	136.83	ng	0.00
7) Phenol-d6	7.36	99	352883	131.09	ng	0.00
23) Nitrobenzene-d5	9.39	82	209656	79.52	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	127099	134.93	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	486648	81.58	ng	0.00
78) Terphenyl-d14	20.15	244	784456	80.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.64	88	23885	29.77	ng	# 87
3) Pyridine	4.04	79	76034	31.59	ng	92
4) n-Nitrosodimethylamine	3.95	42	42409	35.55	ng	# 87
6) Aniline	7.54	93	98341	27.62	ng	95
8) 2-Chlorophenol	7.78	128	87630	40.56	ng	98
9) Benzaldehyde	7.35	77	27554	17.70	ng	90
10) Phenol	7.39	94	122284	42.23	ng	98
11) bis(2-Chloroethyl)ether	7.63	93	84778	36.58	ng	94
12) 1,3-Dichlorobenzene	8.11	146	86412	35.81	ng	96
13) 1,4-Dichlorobenzene	8.25	146	89125	36.28	ng	96
14) 1,2-Dichlorobenzene	8.57	146	85534	36.30	ng	92
15) Benzyl Alcohol	8.45	79	86775	42.18	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.75	45	168719	33.99	ng	97
17) 2-Methylphenol	8.65	107	80611	40.27	ng	92
18) Hexachloroethane	9.31	117	31691	35.45	ng	# 69
19) n-Nitroso-di-n-propylamine	9.02	70	75629	36.16	ng	98
20) 3+4-Methylphenols	8.98	107	113689	41.50	ng	95
22) Acetophenone	9.04	105	133472	35.36	ng	# 97
24) Nitrobenzene	9.43	77	103917	36.81	ng	94
25) Isophorone	9.95	82	207467	35.95	ng	99
26) 2-Nitrophenol	10.14	139	41019	38.06	ng	96
27) 2,4-Dimethylphenol	10.19	122	98307	40.15	ng	97
28) bis(2-Chloroethoxy)methane	10.43	93	119980	39.13	ng	94
29) 2,4-Dichlorophenol	10.67	162	89949	43.09	ng	96
30) 1,2,4-Trichlorobenzene	10.89	180	84380	37.59	ng	94
31) Naphthalene	11.09	128	271008	37.37	ng	# 95
32) Benzoic acid	10.29	122	53485m	40.42	ng	
33) 4-Chloroaniline	11.19	127	61957	19.73	ng	97
34) Hexachlorobutadiene	11.36	225	52148	36.02	ng	96
35) Caprolactam	11.95	113	38336m	40.13	ng	
36) 4-Chloro-3-methylphenol	12.28	107	108970	41.51	ng	99
37) 2-Methylnaphthalene	12.67	142	201442	40.46	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	99464	36.41	ng	# 98
40) Hexachlorocyclopentadiene	13.01	237	132152	87.09	ng	98

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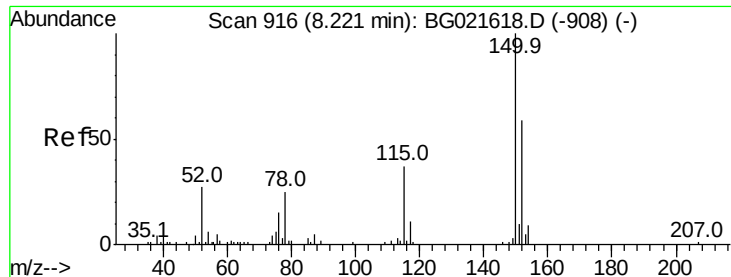
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	70483	40.47	nq	94
43) 2,4,5-Trichlorophenol	13.33	196	77302	41.13	nq	97
45) 1,1'-Biphenyl	13.67	154	264642	35.94	nq	98
46) 2-Chloronaphthalene	13.71	162	203299	37.34	nq	99
47) 2-Nitroaniline	13.91	65	76086	40.76	nq	97
48) Acenaphthylene	14.55	152	343987	38.22	nq	99
49) Dimethylphthalate	14.28	163	285688	37.80	nq	100
50) 2,6-Dinitrotoluene	14.39	165	60727	42.14	nq	98
51) Acenaphthene	14.89	154	232929	40.48	nq	96
52) 3-Nitroaniline	14.72	138	42155	26.38	nq	96
53) 2,4-Dinitrophenol	14.92	184	46153	82.95	nq	90
54) Dibenzofuran	15.22	168	331070	42.14	nq	98
55) 4-Nitrophenol	15.01	139	119034	86.99	nq	92
56) 2,4-Dinitrotoluene	15.17	165	85720	44.02	nq	97
57) Fluorene	15.87	166	277478	39.54	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.44	232	73072	46.86	nq	99
59) Diethylphthalate	15.63	149	302431	38.34	nq	97
60) 4-Chlorophenyl-phenylether	15.85	204	134565	38.93	nq	98
61) 4-Nitroaniline	15.88	138	70988	40.37	nq	99
62) Azobenzene	16.15	77	290562	42.98	nq	99
64) 4,6-Dinitro-2-methylphenol	15.93	198	32862	39.31	nq	93
65) n-Nitrosodiphenylamine	16.07	169	250042	40.37	nq	97
66) 4-Bromophenyl-phenylether	16.75	248	87554	39.58	nq	98
67) Hexachlorobenzene	16.86	284	92748	39.71	nq	96
68) Atrazine	17.00	200	98744	40.38	nq	99
69) Pentachlorophenol	17.20	266	121052	90.79	nq	93
70) Phenanthrene	17.60	178	461190	40.53	nq	98
71) Anthracene	17.69	178	464590	40.21	nq	98
72) Carbazole	17.96	167	449880	41.72	nq	99
73) Di-n-butylphthalate	18.51	149	541384	39.47	nq	99
74) Fluoranthene	19.59	202	551459	40.58	nq	98
76) Benzidine	19.77	184	212178	28.03	nq	99
77) Pyrene	19.95	202	565911	40.36	nq	99
79) Butylbenzylphthalate	20.83	149	258841	39.77	nq	98
80) Benzo(a)anthracene	21.82	228	565949	40.44	nq	98
81) 3,3'-Dichlorobenzidine	21.72	252	100902	9.11	nq	98
82) Chrysene	21.88	228	520242	38.70	nq	99
83) Bis(2-ethylhexyl)phthalate	21.71	149	370238	38.89	nq	99
84) Di-n-octyl phthalate	22.97	149	646288	40.53	nq	100
85) Indeno(1,2,3-cd)pyrene	28.98	276	635546	39.76	nq	98
87) Benzo(b)fluoranthene	24.10	252	555483	40.60	nq	100
88) Benzo(k)fluoranthene	24.18	252	548081	40.97	nq	100
89) Benzo(a)pyrene	25.01	252	544524	41.08	nq	98
90) Dibenzo(a,h)anthracene	29.05	278	531866	40.02	nq	97
91) Benzo(g,h,i)perylene	30.18	276	529216	40.58	nq	99

(#) = 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: BG021629.D

Acq: 13 Apr 2016 20:13

Instrument :

BNA_G

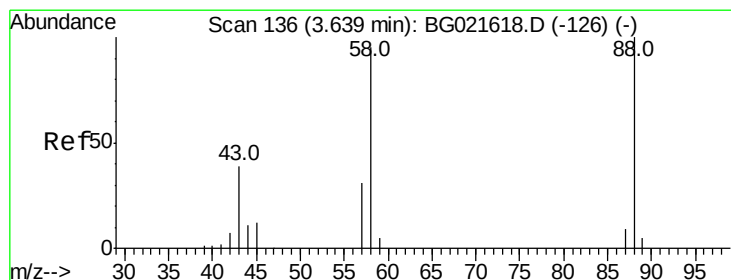
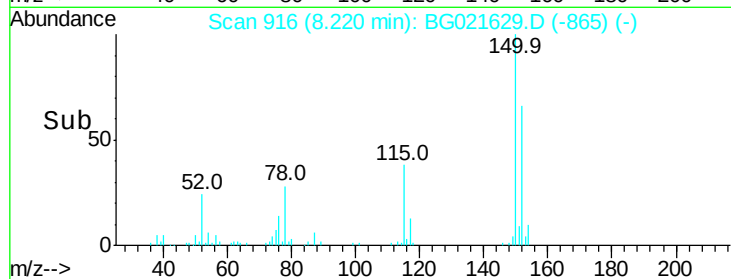
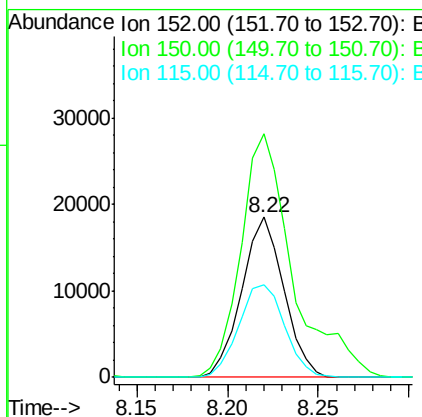
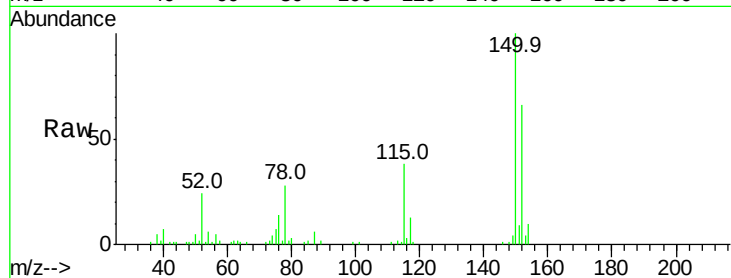
ClientSampled :

PB89766BS

Tot Ion:	152	Resp:	30011
Ion Ratio	Lower	Upper	
152	100		
150	152.3	130.1	195.1
115	57.8	62.2	93.2#

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#2

1,4-Dioxane

Concen: 29.77 ng

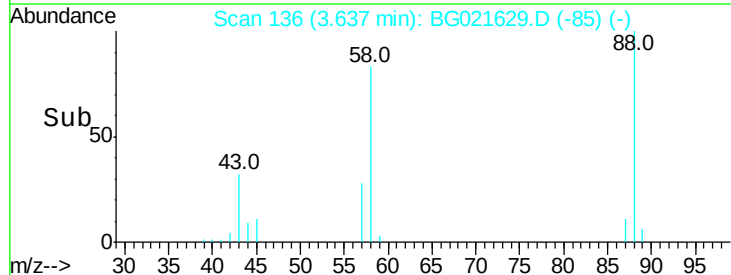
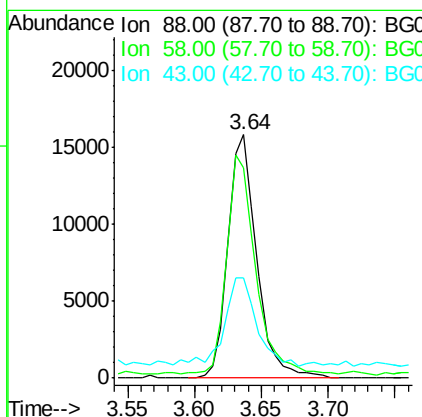
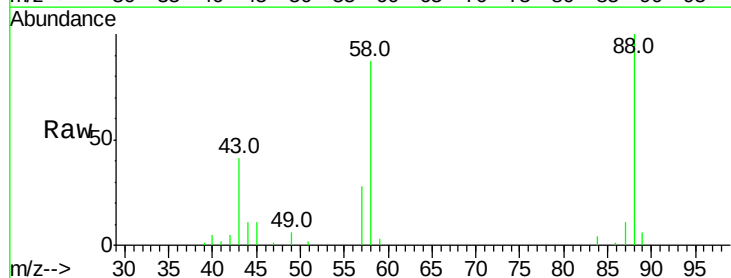
RT: 3.64 min Scan# 136

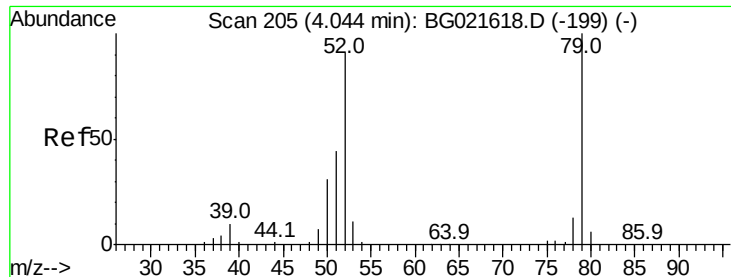
Delta R.T. -0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Tgt Ion:	88	Resp:	23885
Ion Ratio	Lower	Upper	
88	100		
58	88.7	61.8	92.8
43	41.2	27.3	40.9#





#3

Pvridine

Concen: 31.59 ng

RT: 4.04 min Scan# 204

Delta R.T. -0.01 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Instrument :

BNA_G

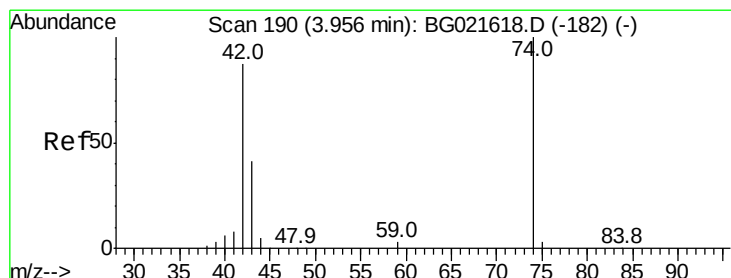
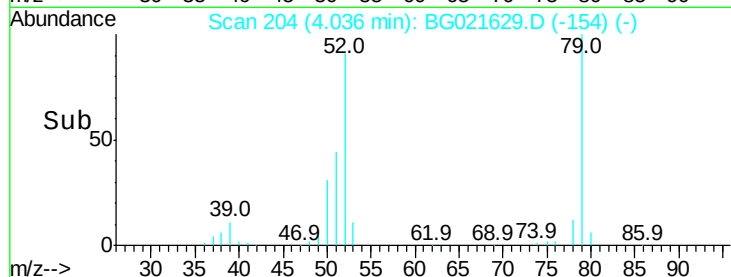
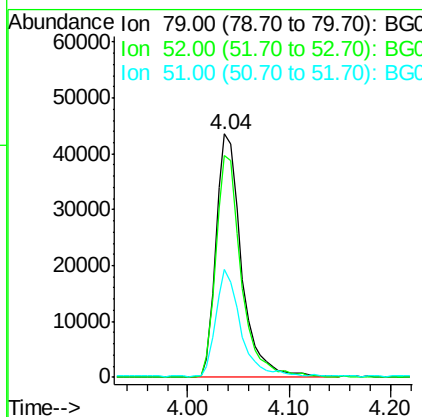
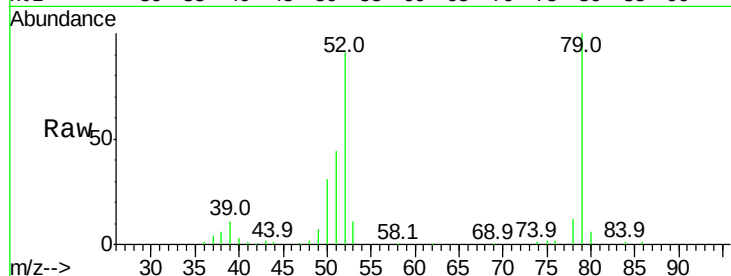
ClientSampleId :

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Tot Ion:	79	Resp:	76034
Ion	Ratio	Lower	Upper
79	100		
52	91.1	77.2	115.8
51	44.4	42.5	63.7



#4

n-Nitrosodimethylamine

Concen: 35.55 ng

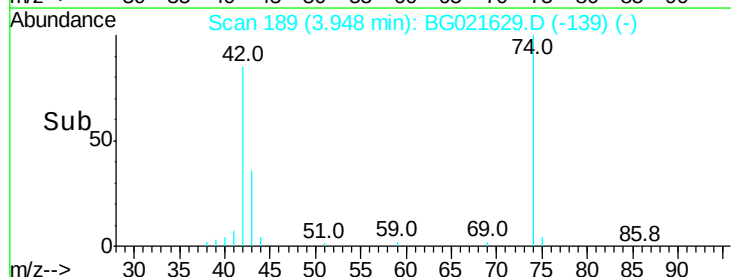
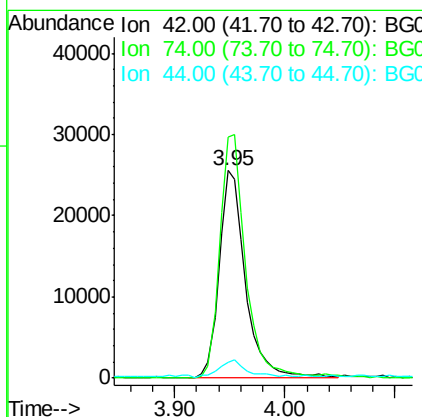
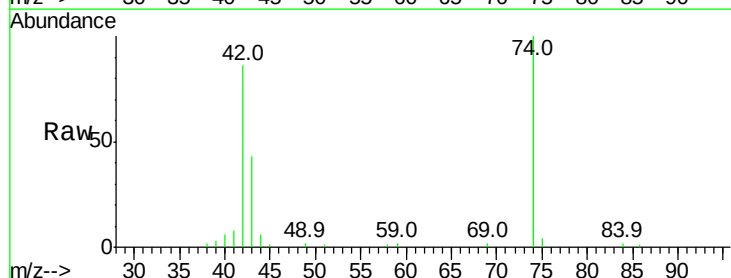
RT: 3.95 min Scan# 189

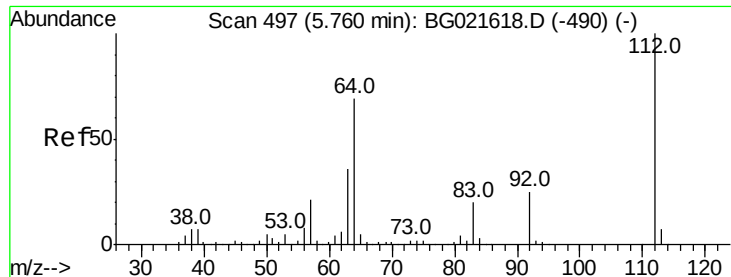
Delta R.T. -0.01 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Tgt Ion:	42	Resp:	42409
Ion	Ratio	Lower	Upper
42	100		
74	116.3	83.0	124.4
44	7.5	11.0	16.6#





#5

2-Fluorophenol

Concen: 136.83 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Instrument :

BNA_G

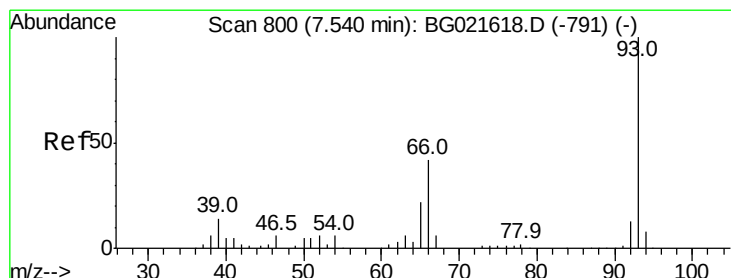
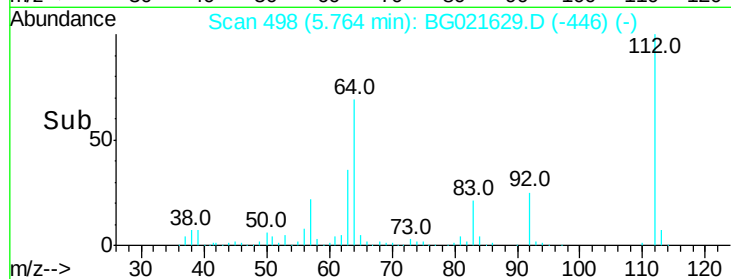
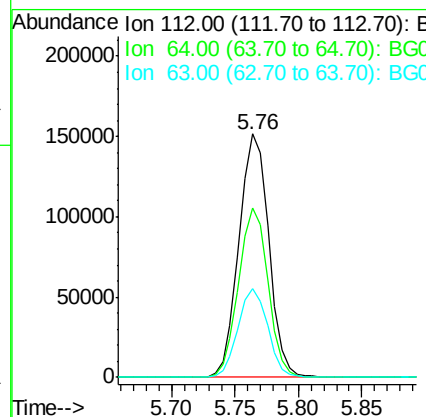
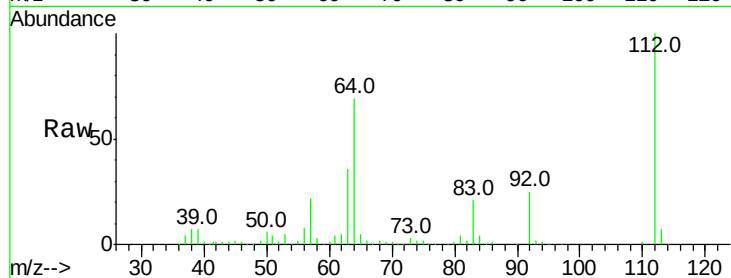
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Tot Ion:	112	Resp:	246585
Ion Ratio	Lower	Upper	
112	100		
64	69.4	51.1	76.7
63	36.5	24.6	37.0

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#6

Aniline

Concen: 27.62 ng

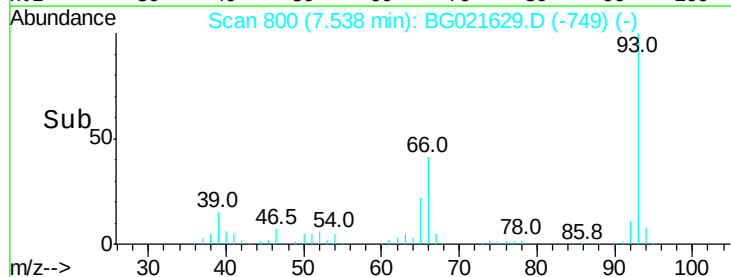
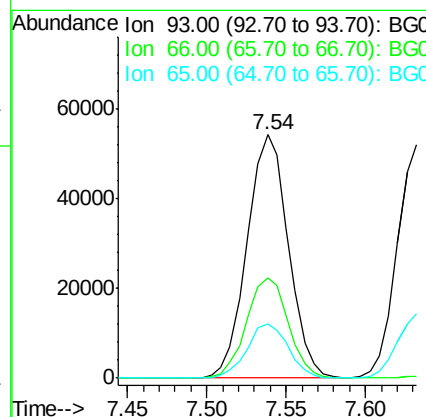
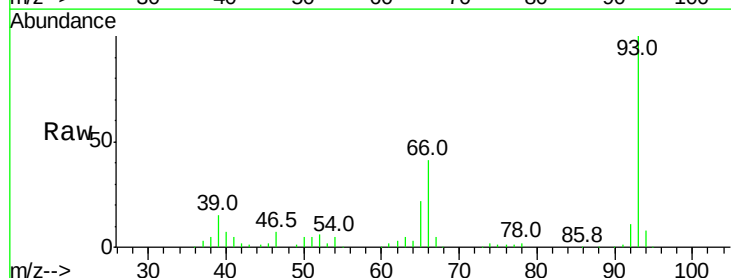
RT: 7.54 min Scan# 800

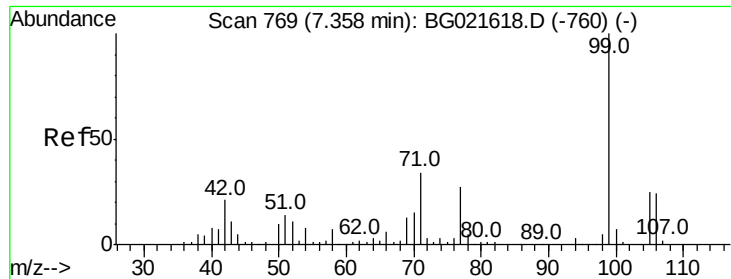
Delta R.T. -0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Tgt Ion:	93	Resp:	98341
Ion Ratio	Lower	Upper	
93	100		
66	41.1	36.3	54.5
65	22.1	18.4	27.6





#7

Phenol-d6

Concen: 131.09 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Instrument :

BNA_G

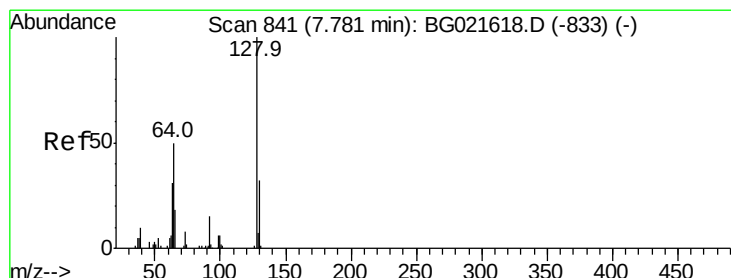
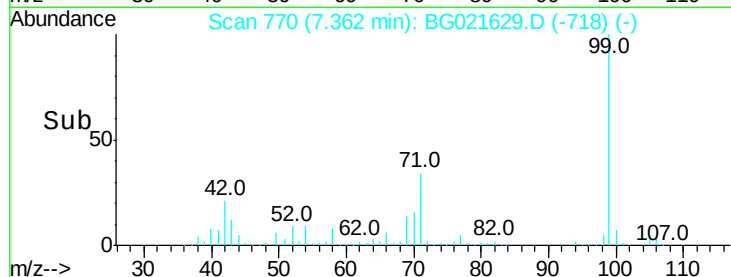
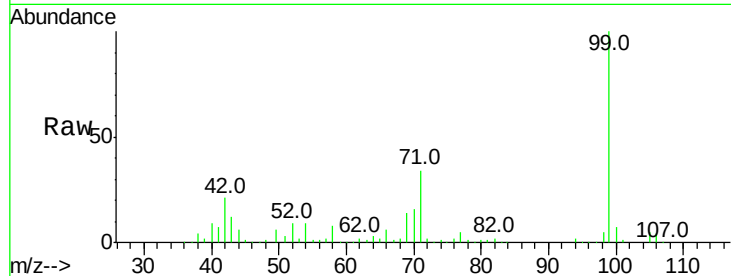
ClientSampled :

PB89766BS

Tot Ion:	99	Resp:	352883
Ion Ratio	Lower	Upper	
99	100		
42	21.3	16.4	24.6
71	33.9	25.0	37.4

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#8

2-Chlorophenol

Concen: 40.56 ng

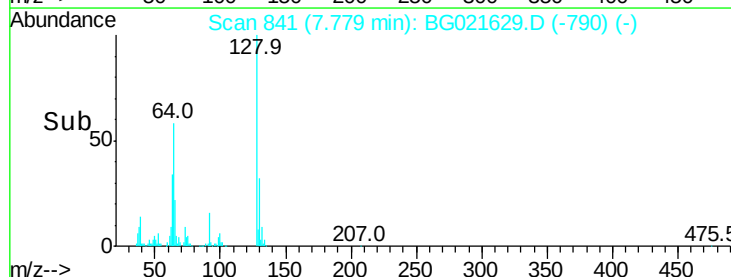
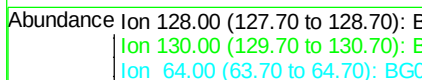
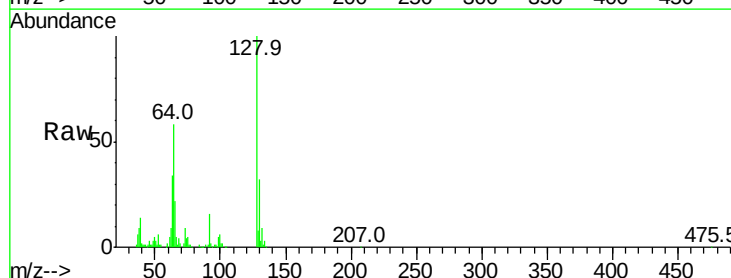
RT: 7.78 min Scan# 841

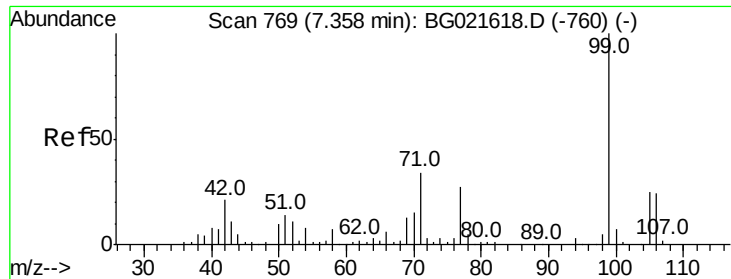
Delta R.T. -0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Tgt Ion:	128	Resp:	87630
Ion Ratio	Lower	Upper	
128	100		
130	32.1	11.2	51.2
64	57.6	39.8	79.8





#9

Benzaldehyde

Concen: 17.70 ng

RT: 7.35 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Instrument :

BNA_G

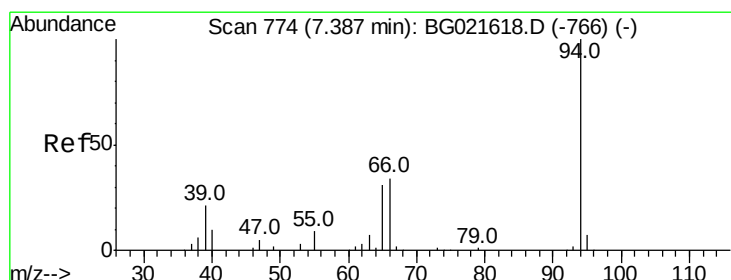
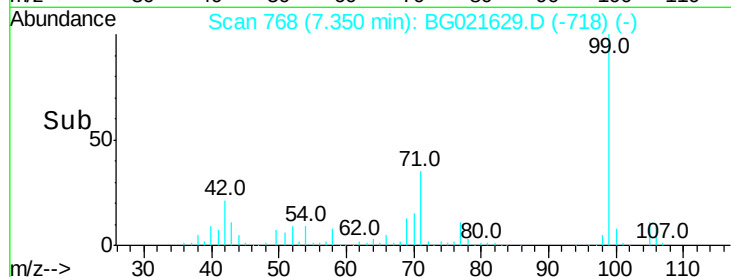
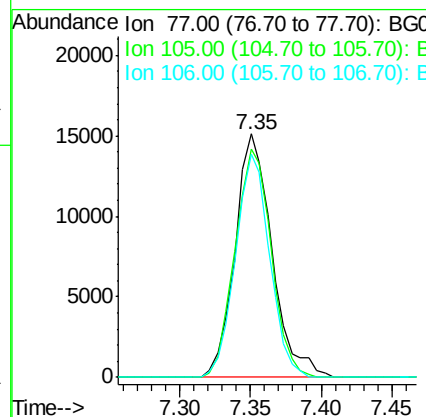
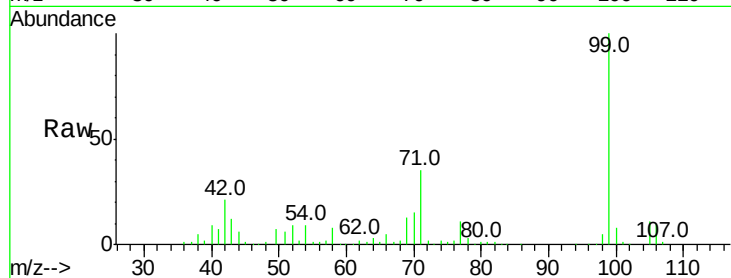
ClientSampleId :

PB89766BS

Tot Ion:	77	Resp:	27554
Ion	Ratio	Lower	Upper
77	100		
105	93.9	62.1	102.1
106	91.8	65.6	105.6

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#10

Phenol

Concen: 42.23 ng

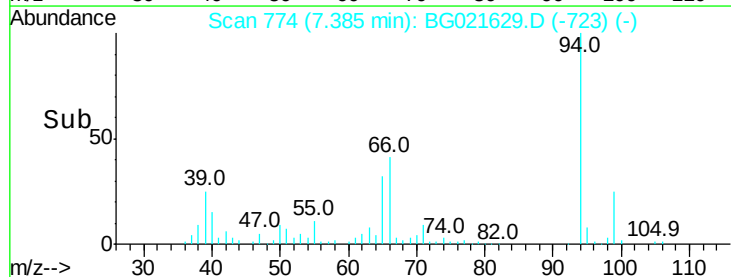
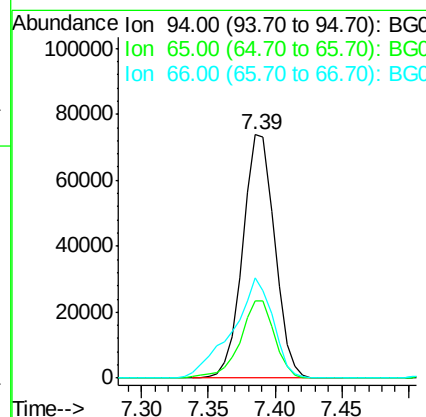
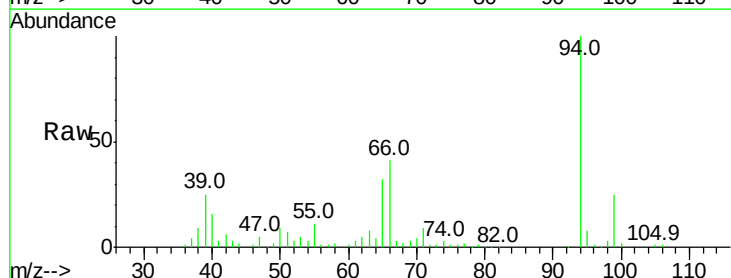
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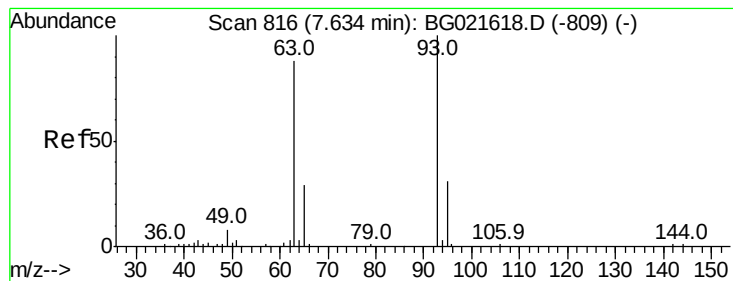
Delta R.T. -0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Tgt Ion:	94	Resp:	122284
Ion	Ratio	Lower	Upper
94	100		
65	31.9	9.8	49.8
66	41.0	20.8	60.8





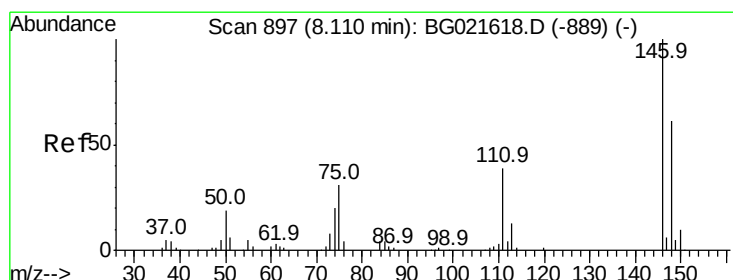
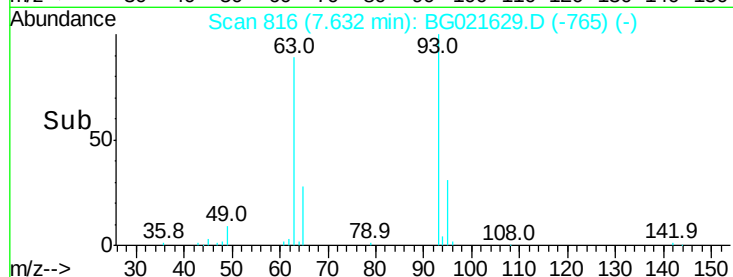
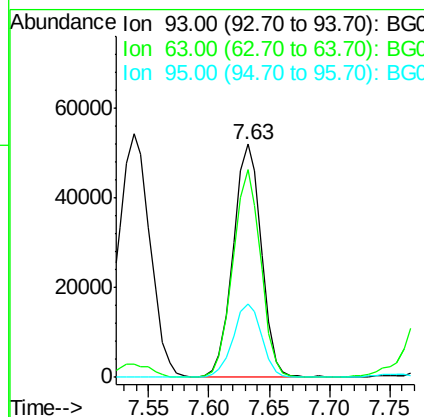
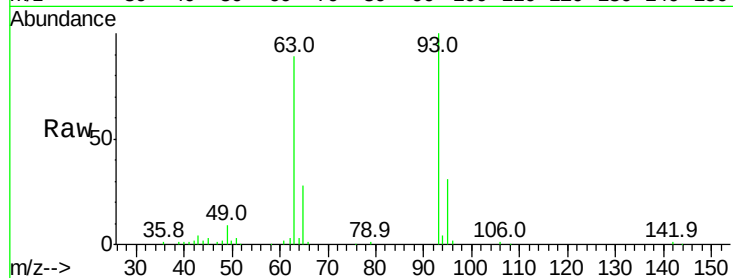
#11
bis(2-Chloroethyl)ether
Concen: 36.58 ng
RT: 7.63 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Instrument :
BNA_G
ClientSampleId :
PB89766BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.3	74.9	114.9
95	31.5	8.3	48.3

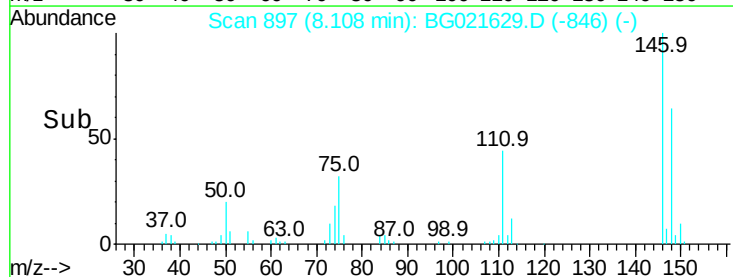
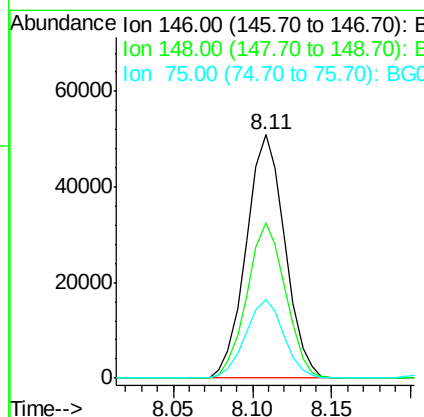
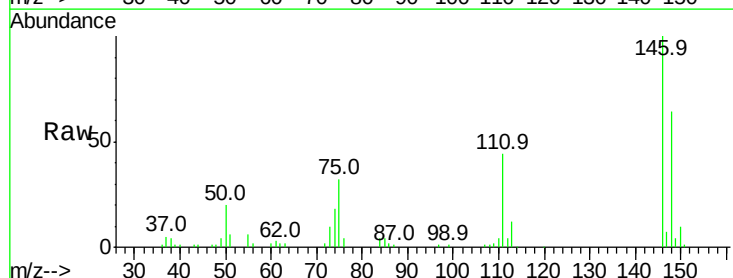
Manual Integrations
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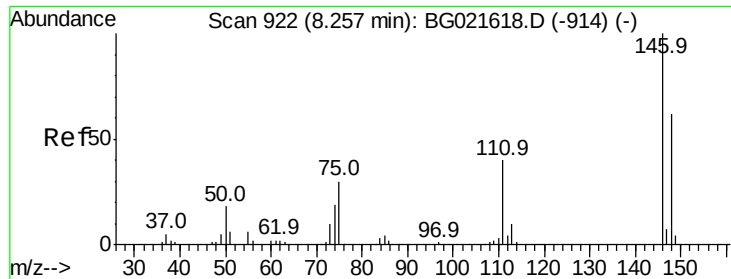
Sohil
4/14/2016 5:29:37 PM



#12
1,3-Dichlorobenzene
Concen: 35.81 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	53.7	80.5
75	32.5	27.4	41.0





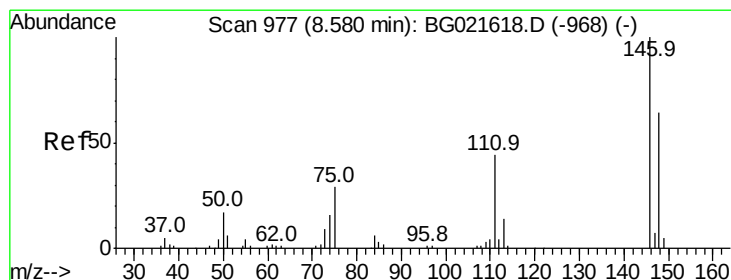
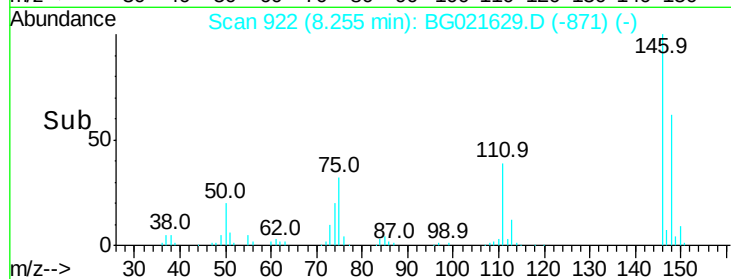
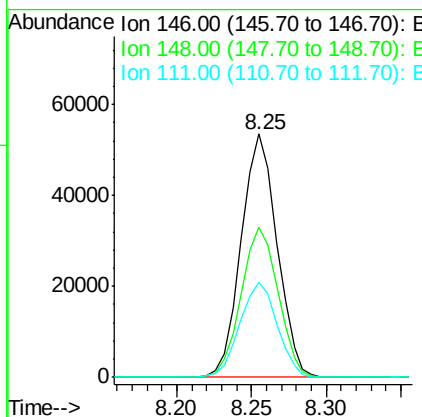
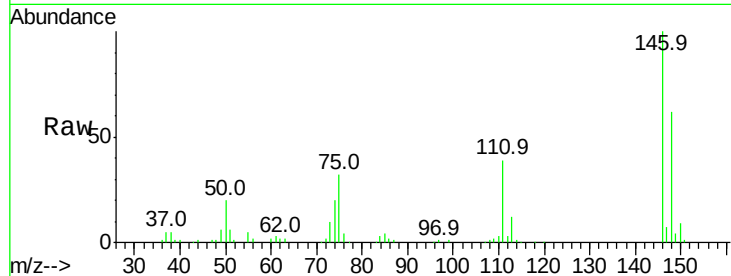
#13
 1,4-Dichlorobenzene
 Concen: 36.28 ng
 RT: 8.25 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB89766BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.8	46.7	70.1
111	38.9	33.0	49.6

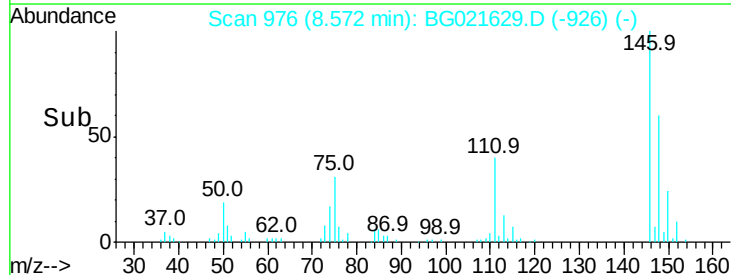
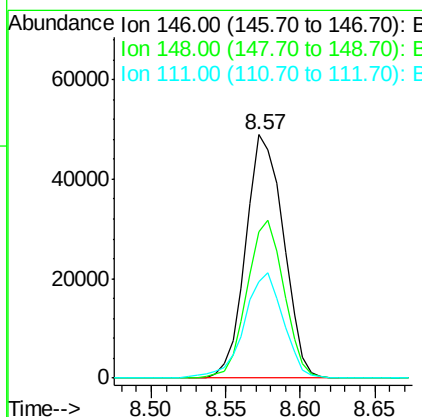
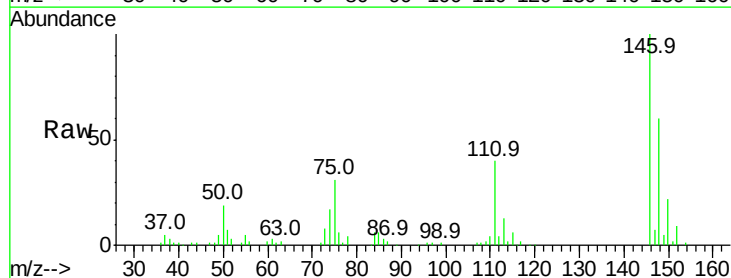
Manual Integrations
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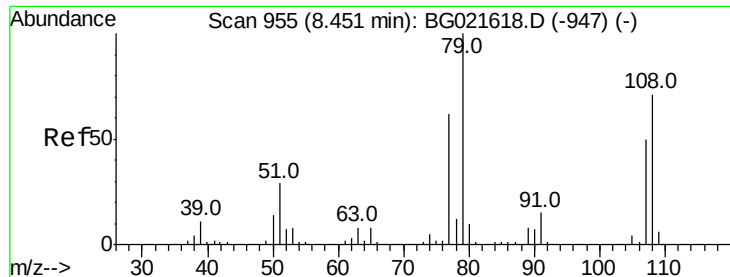
Sohil
 4/14/2016 5:29:37 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.30 ng
 RT: 8.57 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.1	52.6	79.0
111	39.7	36.1	54.1





#15

Benzyl Alcohol

Concen: 42.18 ng

RT: 8.45 min Scan# 955

Delta R.T. -0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Instrument :

BNA_G

ClientSampleId :

PB89766BS

Tot Ion: 79 Resp: 86775

Ion Ratio Lower Upper

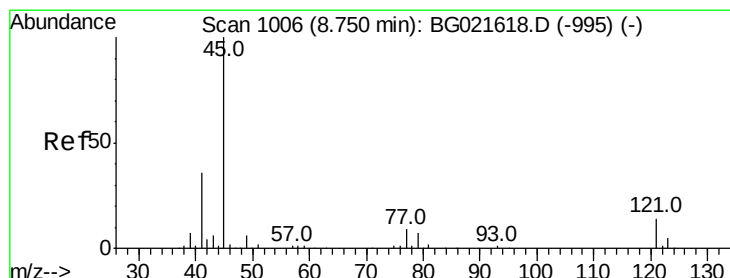
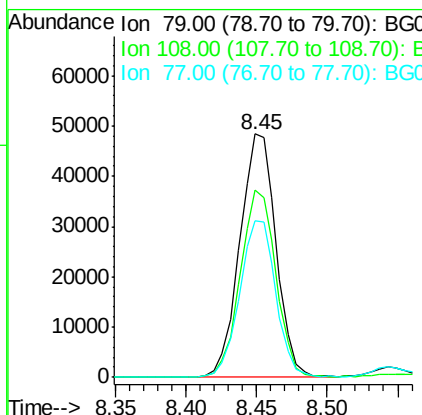
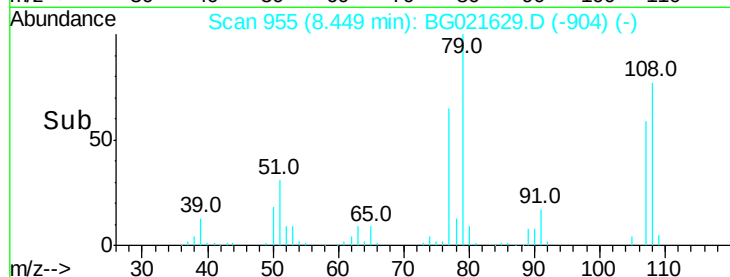
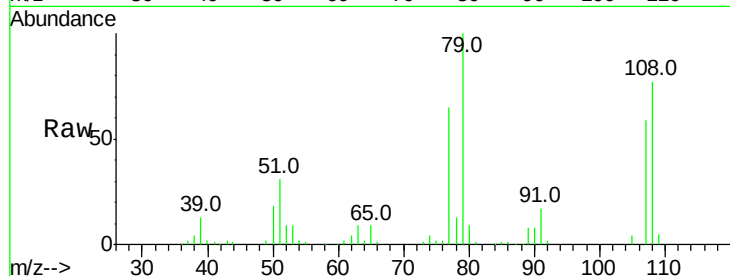
79 100

108 77.0 59.4 89.0

77 64.6 52.2 78.2

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.99 ng

RT: 8.75 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

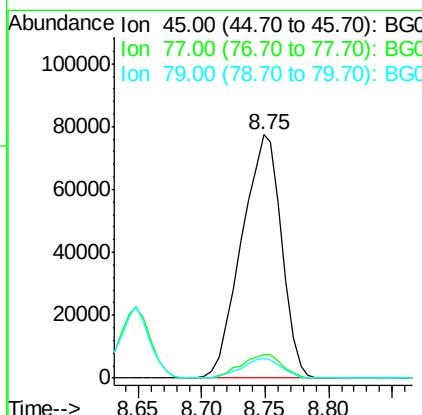
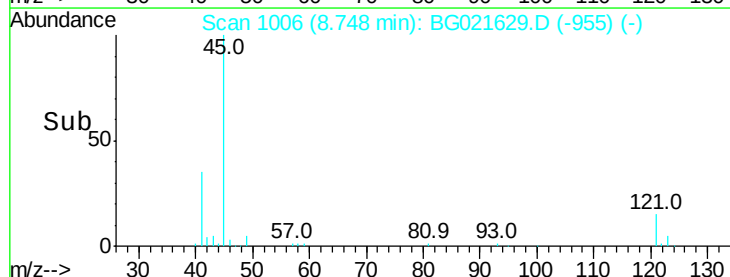
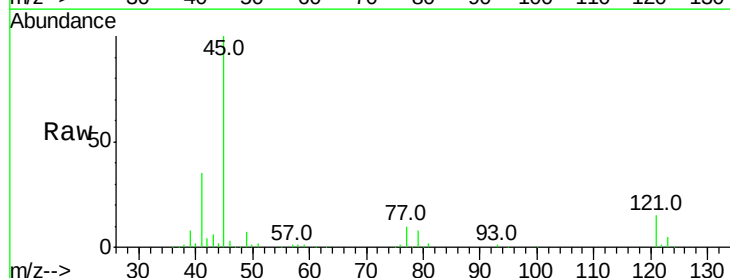
Tgt Ion: 45 Resp: 168719

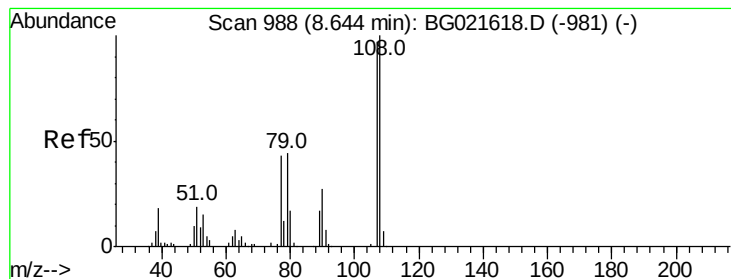
Ion Ratio Lower Upper

45 100

77 9.9 0.0 31.2

79 7.9 0.0 29.0





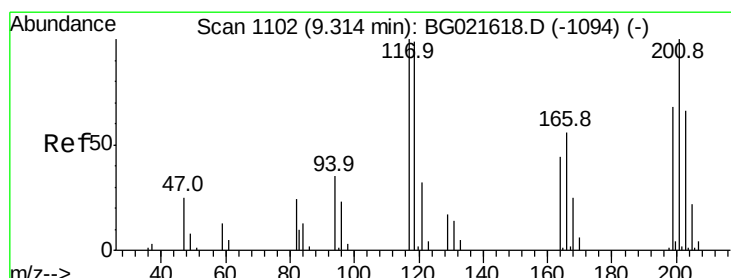
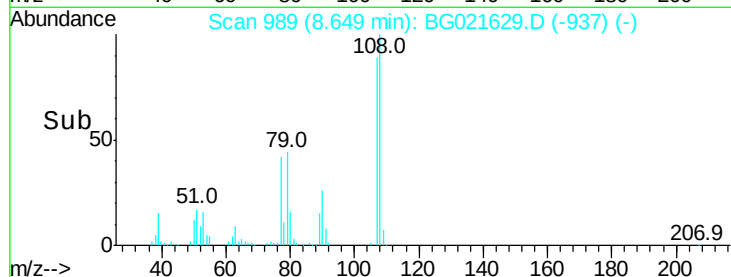
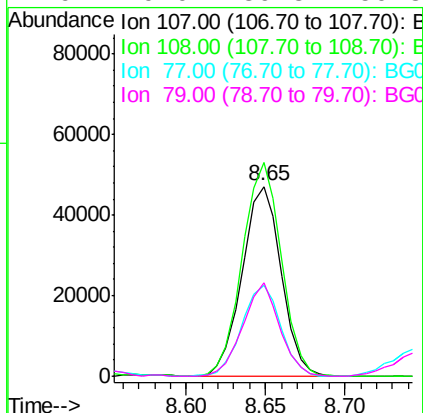
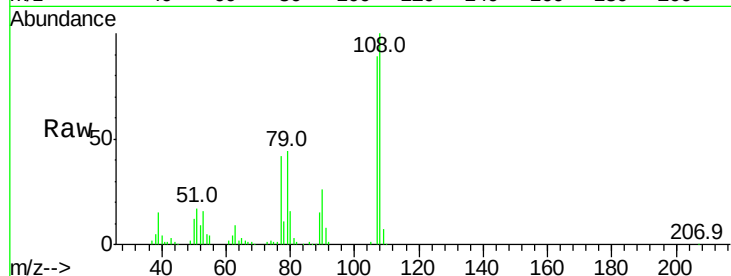
#17
2-Methylphenol
Concen: 40.27 ng
RT: 8.65 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Instrument :
BNA_G
ClientSampleId :
PB89766BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	80.2	120.4	
77	47.8	40.7	61.1	
79	49.0	39.8	59.8	

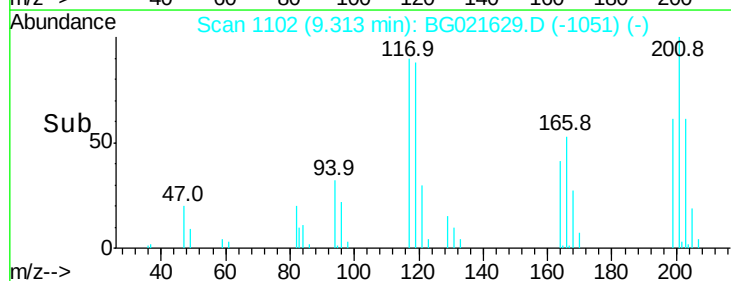
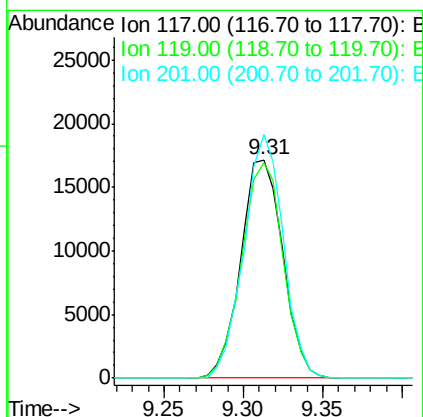
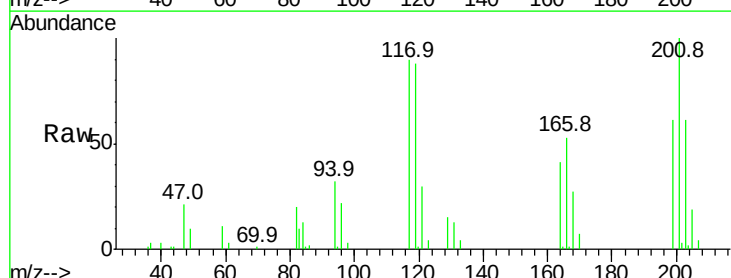
Manual Integrations
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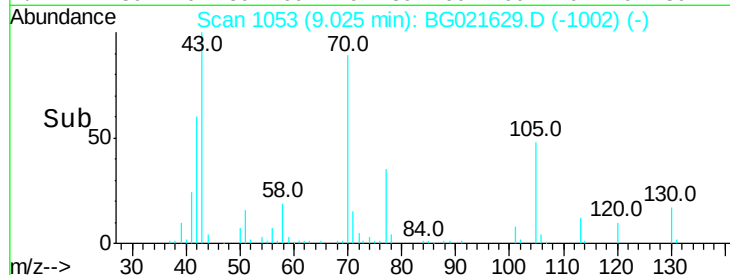
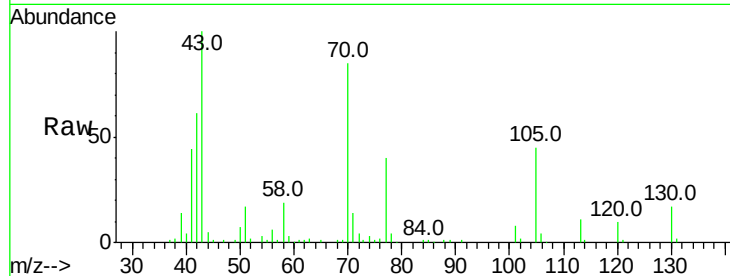
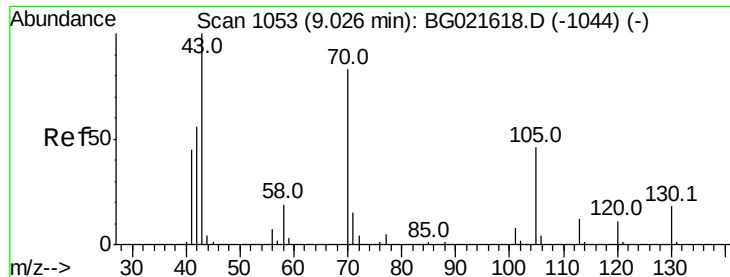
Sohil
4/14/2016 5:29:37 PM



#18
Hexachloroethane
Concen: 35.45 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.5	63.9	95.9#	
201	111.6	61.2	91.8#	





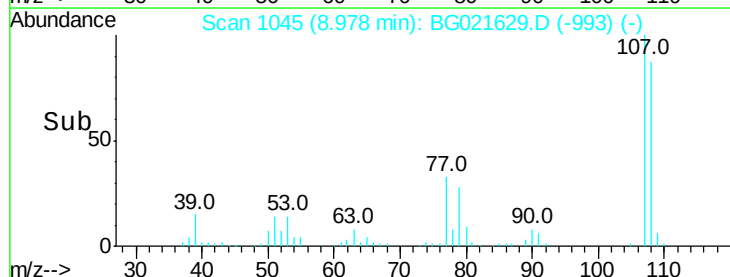
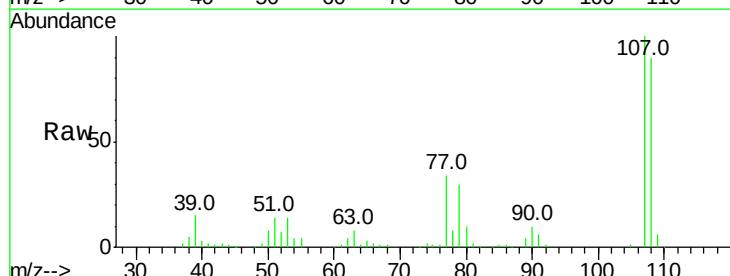
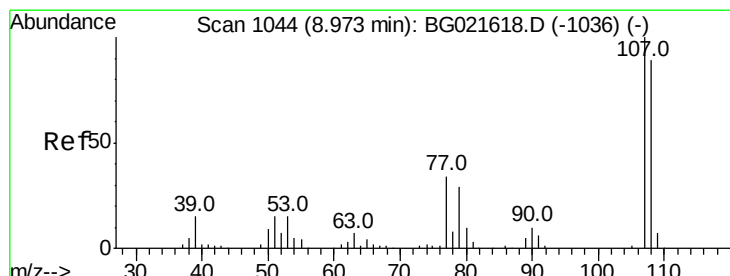
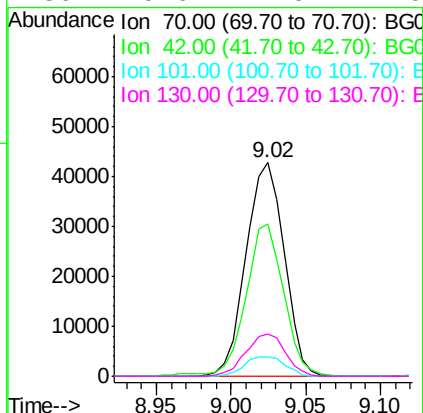
#19
n-Nitroso-di-n-propylamine
Concen: 36.16 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Instrument :
BNA_G
ClientSampleId :
PB89766BS

Manual Integrations
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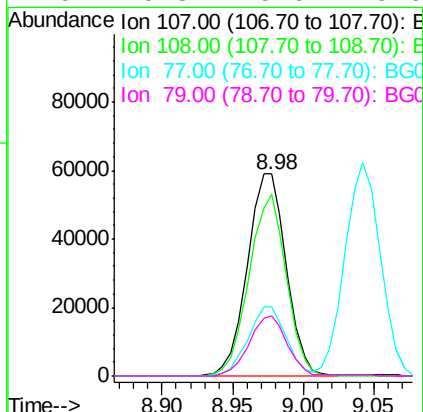
Sohil
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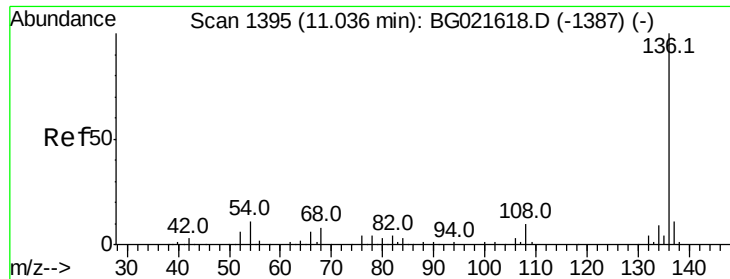
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	71.3	56.7	85.1	
101	9.0	8.2	12.4	
130	19.6	14.0	21.0	



#20
3+4-Methylphenols
Concen: 41.50 ng
RT: 8.98 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.9	66.2	106.2	
77	33.9	11.5	51.5	
79	29.8	5.6	45.6	





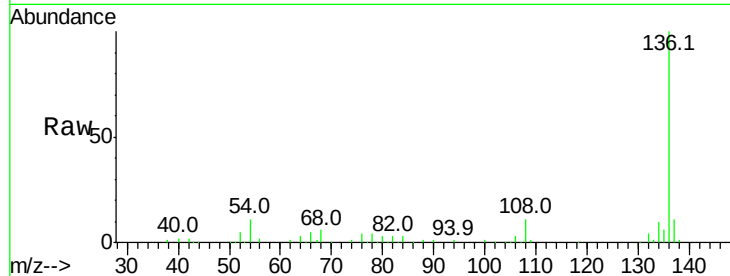
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Instrument :
BNA_G
ClientSampled :
PB89766BS

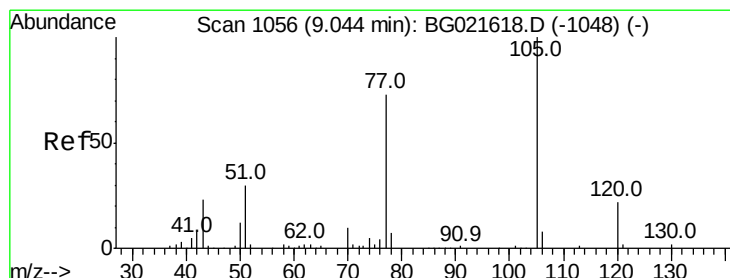
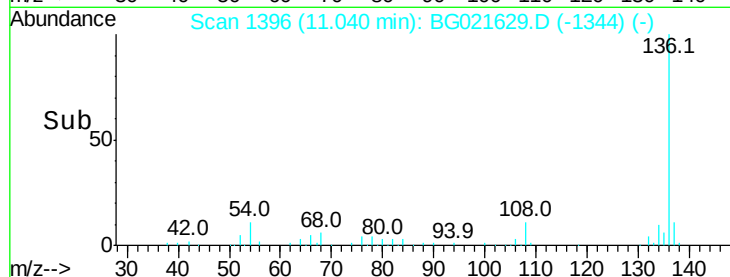
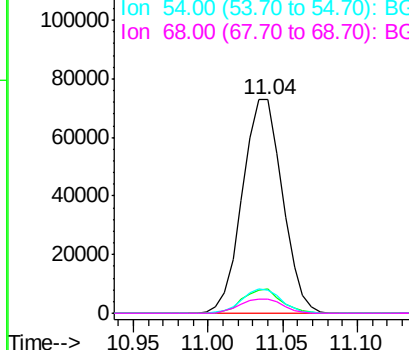
Tot Ion	Ratio	Resp	Lower	Upper
136	100	135517		
137	11.2	9.0	13.4	
54	10.9	9.6	14.4	
68	6.4	6.4	9.6	

Manual Integrations
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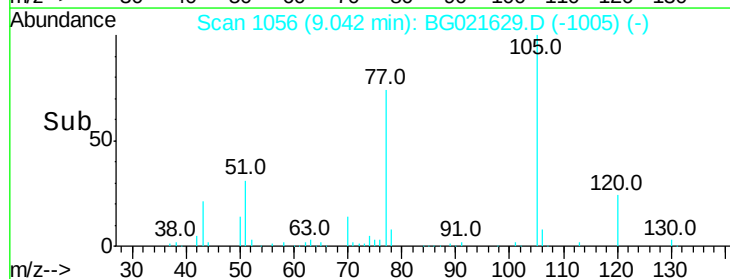
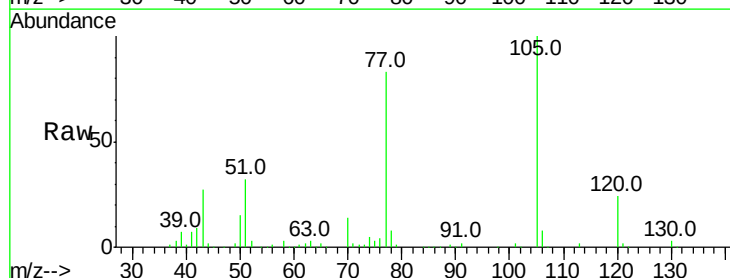
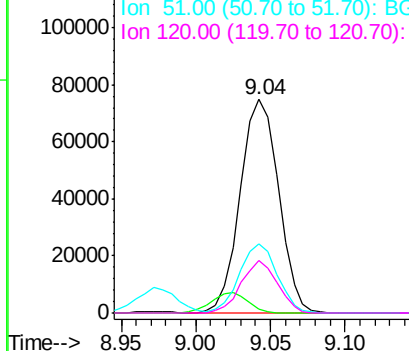
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

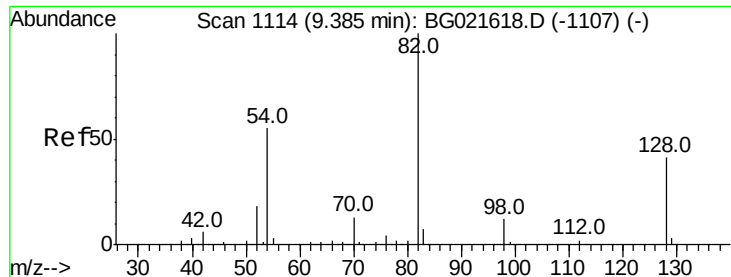


#22
Acetophenone
Concen: 35.36 ng
RT: 9.04 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	133472		
71	2.0	0.0	0.0#	
51	32.3	25.7	38.5	
120	24.3	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





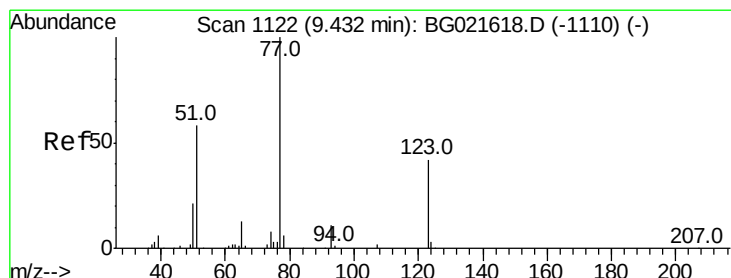
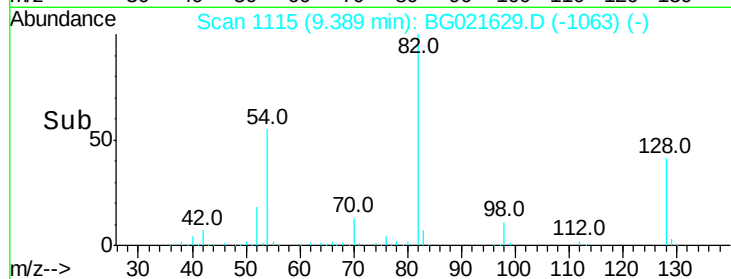
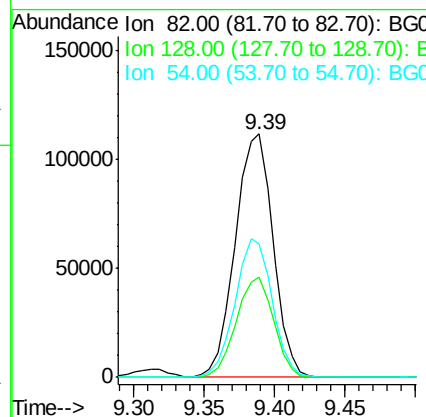
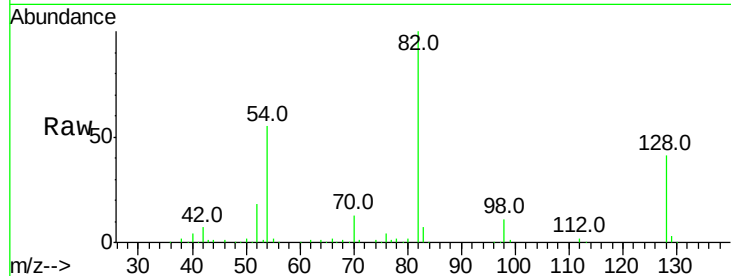
#23
 Nitrobenzene-d5
 Concen: 79.52 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB89766BS

Tot Ion	82	Resp	209656
Ion Ratio	Lower	Upper	
82	100		
128	41.4	33.4	50.0
54	55.0	46.1	69.1

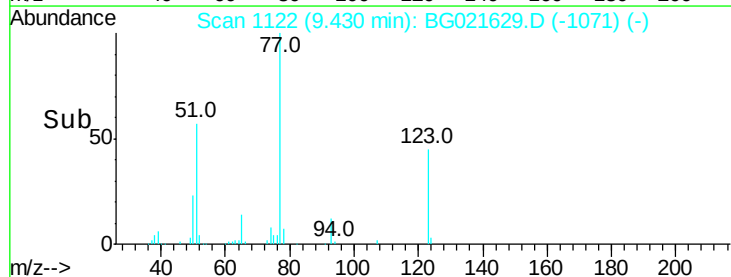
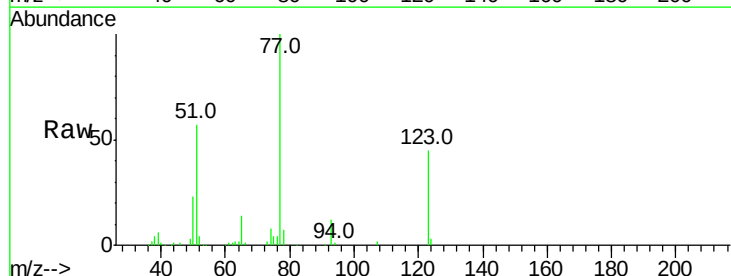
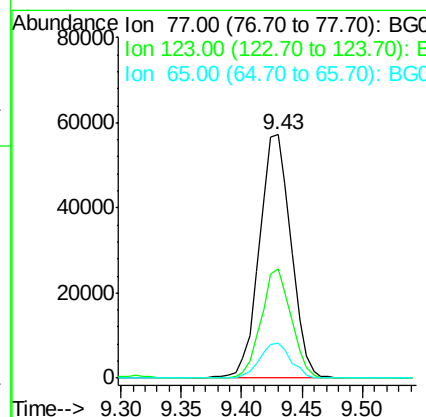
Manual Integrations
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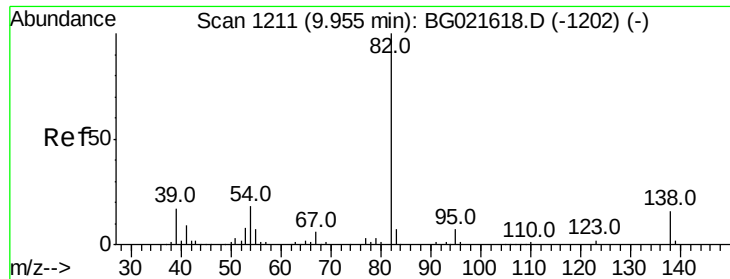
Sohil
 4/14/2016 5:29:37 PM



#24
 Nitrobenzene
 Concen: 36.81 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Tgt Ion	77	Resp	103917
Ion Ratio	Lower	Upper	
77	100		
123	44.7	32.2	48.4
65	14.4	10.3	15.5





#25

Isophorone

Concen: 35.95 ng

RT: 9.95 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Instrument :

BNA_G

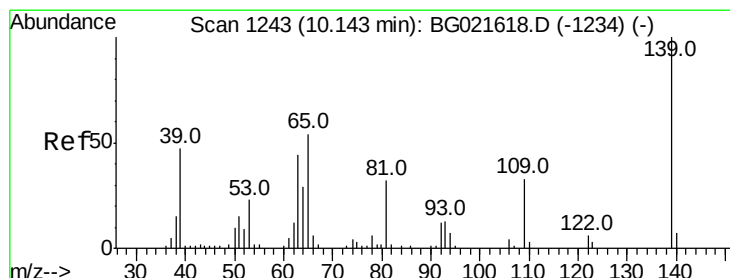
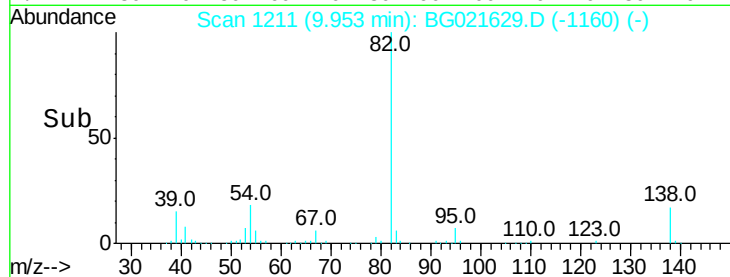
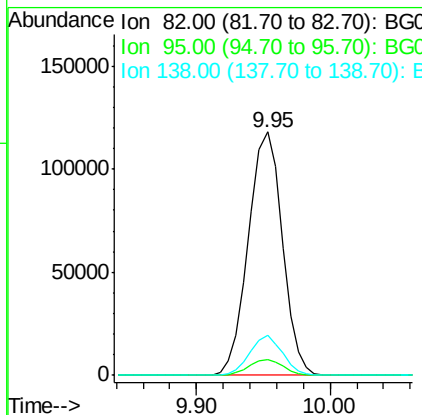
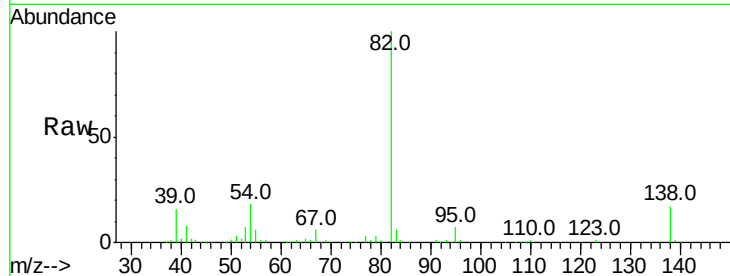
ClientSampleId :

PB89766BS

Tot Ion:	82	Resp:	207467
Ion Ratio		Lower	Upper
82	100		
95	6.6	6.0	9.0
138	16.6	13.4	20.0

Manual Integrations
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4/14/2016 5:29:37 PM



#26

2-Nitrophenol

Concen: 38.06 ng

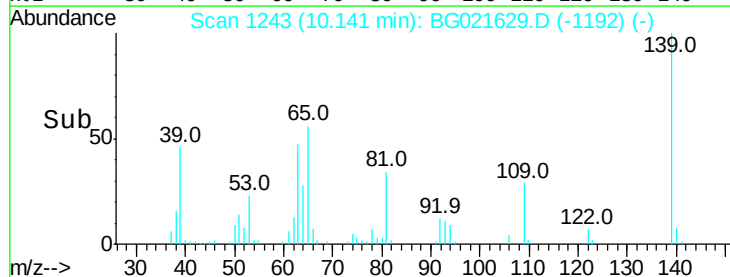
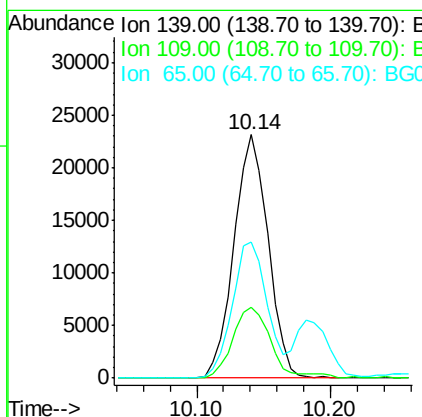
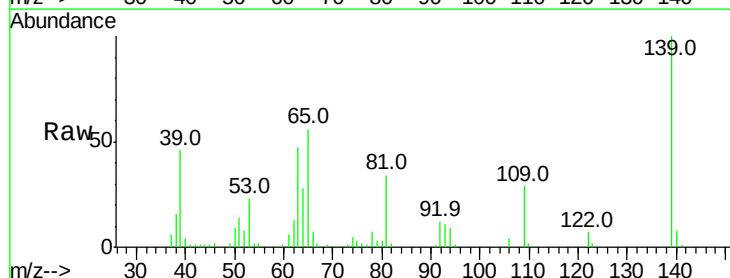
RT: 10.14 min Scan# 1243

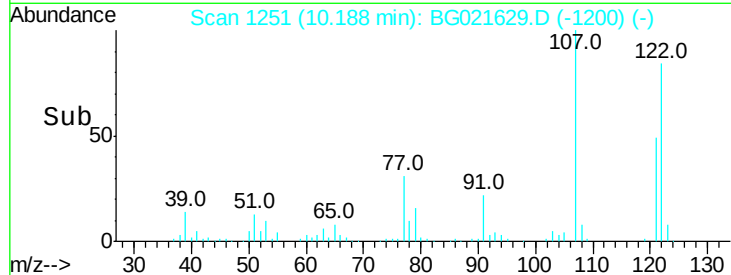
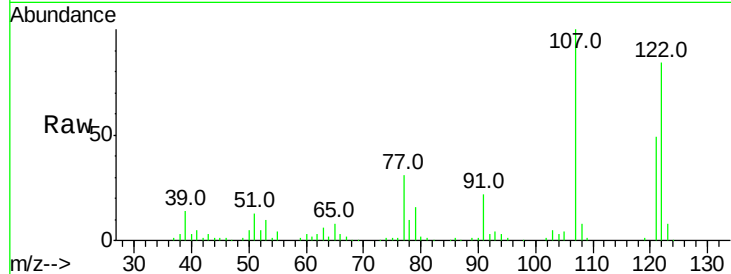
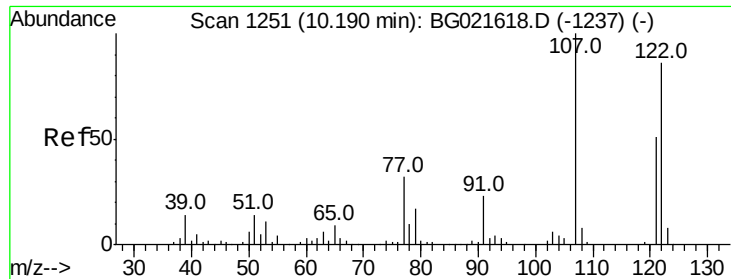
Delta R.T. -0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Tgt Ion:	139	Resp:	41019
Ion Ratio		Lower	Upper
139	100		
109	29.0	26.6	40.0
65	55.7	45.3	67.9





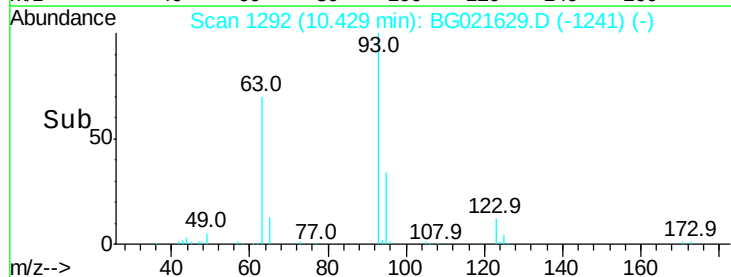
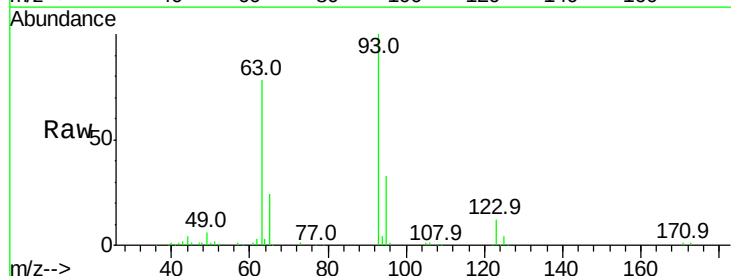
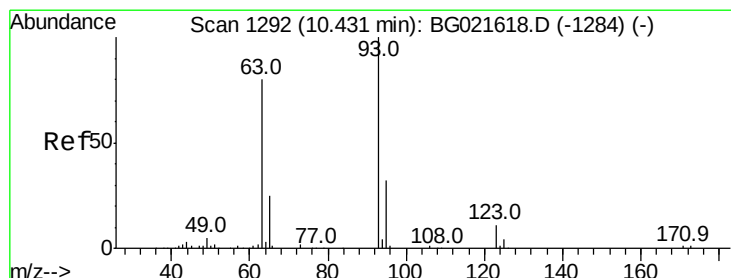
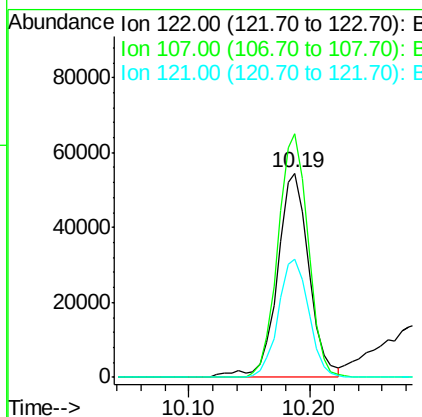
#27
2,4-Dimethylphenol
Concen: 40.15 ng
RT: 10.19 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Instrument :
BNA_G
ClientSampleId :
PB89766BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	98307		
107	119.3	97.2	145.8	
121	58.2	49.0	73.4	

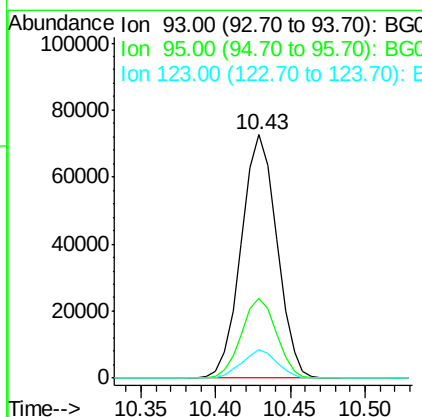
Manual Integrations
APPROVED

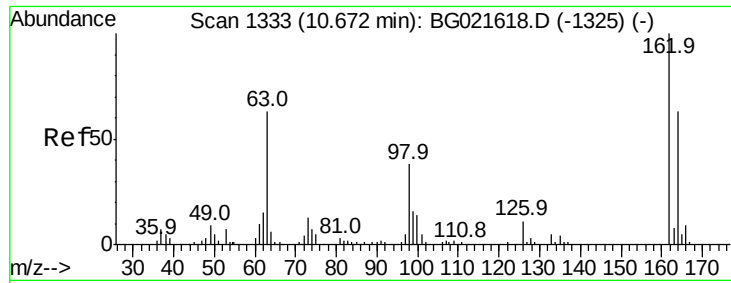
Sohil
4/14/2016 5:29:37 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.13 ng
RT: 10.43 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	119980		
95	32.9	30.1	45.1	
123	11.7	10.2	15.4	





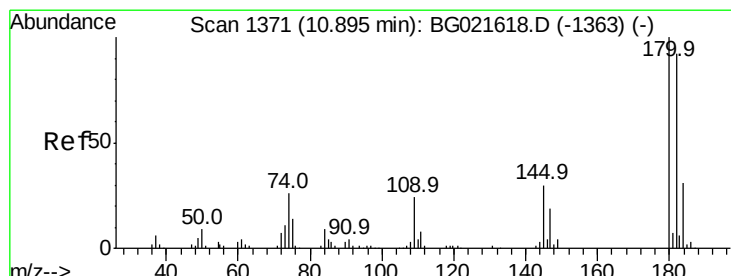
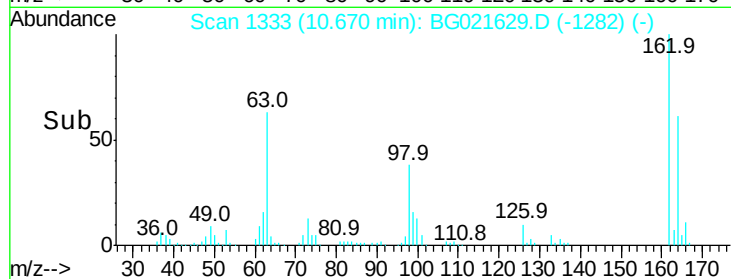
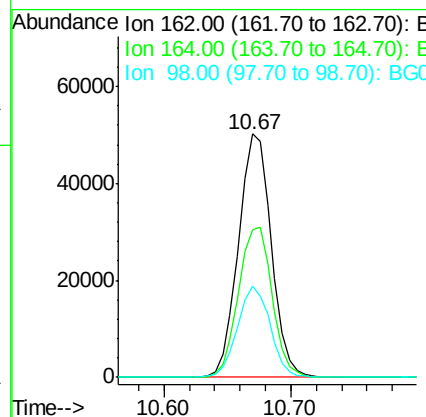
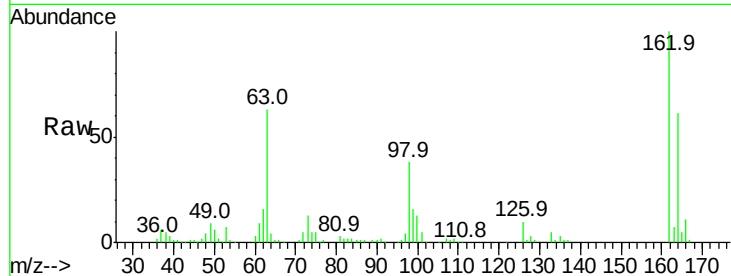
#29
 2,4-Dichlorophenol
 Concen: 43.09 ng
 RT: 10.67 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB89766BS

Tot Ion:	162	Resp:	89949
Ion Ratio	Lower	Upper	
162	100		
164	60.6	44.9	84.9
98	37.6	19.2	59.2

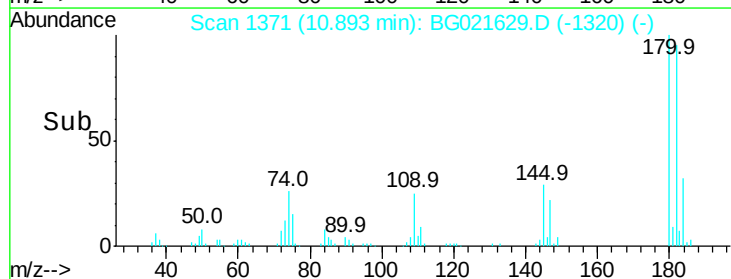
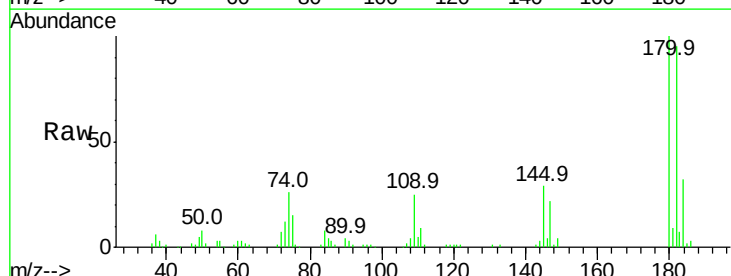
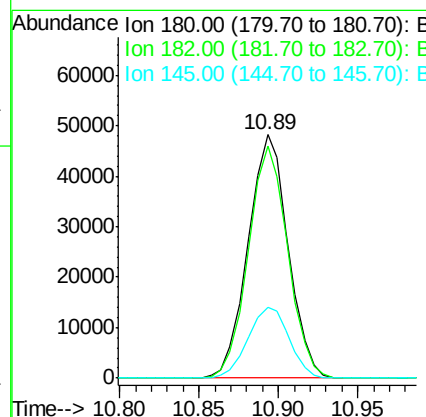
Manual Integrations
 APPROVED

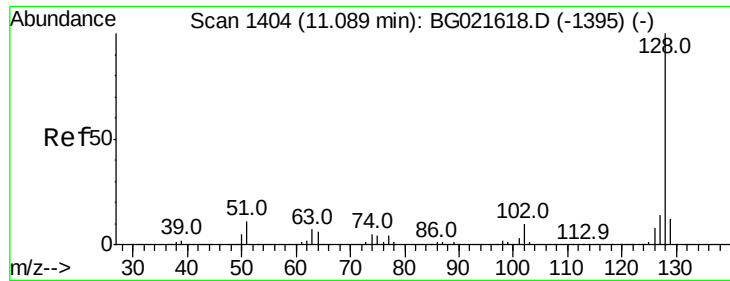
Sohil
 4/14/2016 5:29:37 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.59 ng
 RT: 10.89 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Tgt Ion:	180	Resp:	84380
Ion Ratio	Lower	Upper	
180	100		
182	95.2	82.3	123.5
145	29.3	24.4	36.6





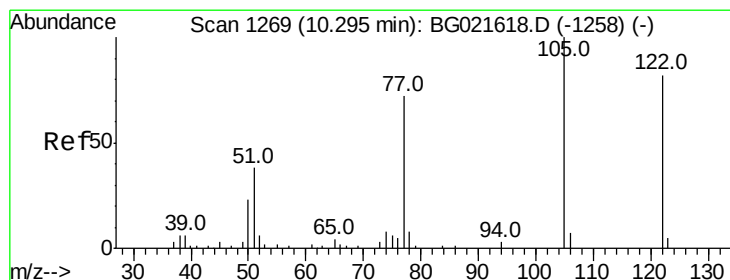
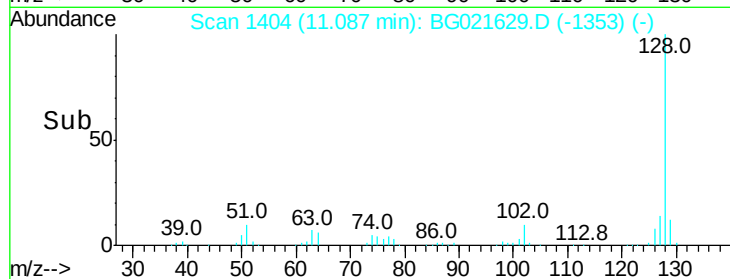
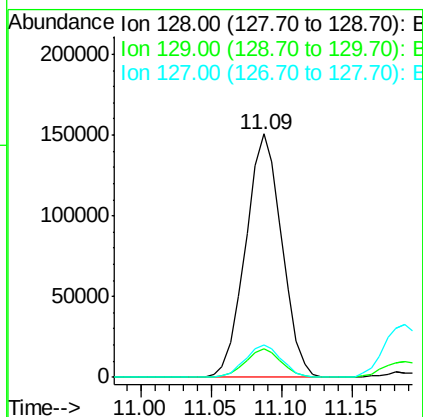
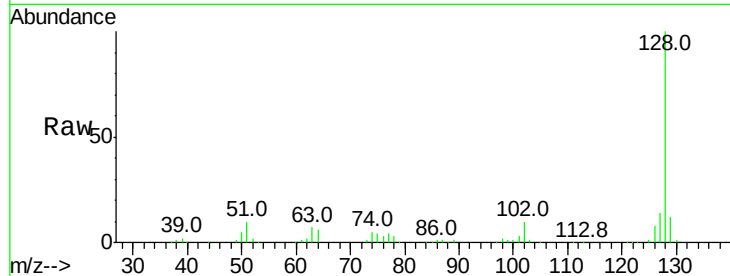
#31
Naphthalene
Concen: 37.37 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Instrument :
BNA_G
ClientSampleId :
PB89766BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	7.0	10.6#
127	13.6	10.1	15.1

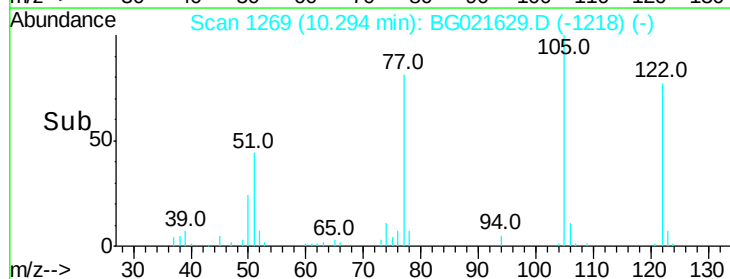
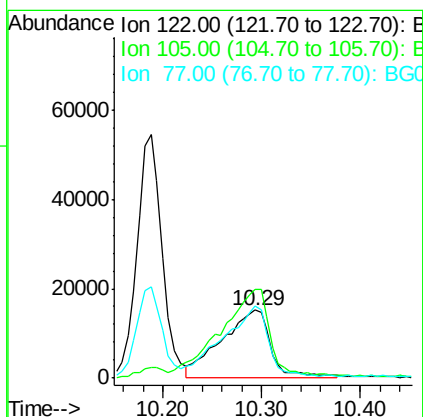
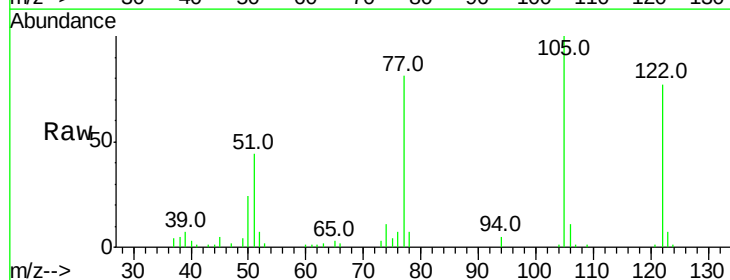
Manual Integrations
APPROVED

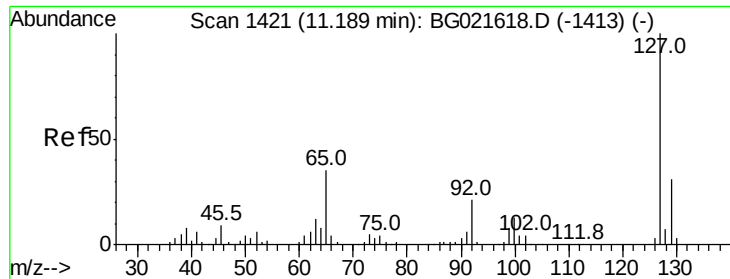
Sohil
4/14/2016 5:29:37 PM



#32
Benzoic acid
Concen: 40.42 ng m
RT: 10.29 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.4	104.5	144.5
77	105.6	79.9	119.9





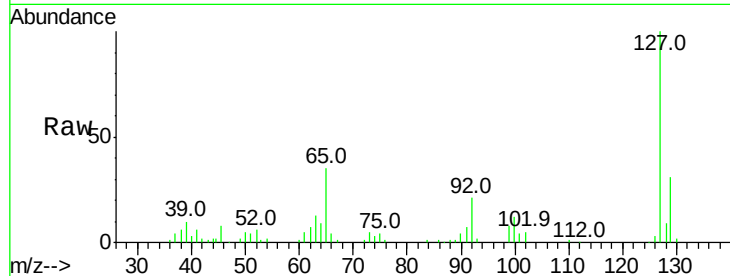
#33
4-Chloroaniline
Concen: 19.73 ng
RT: 11.19 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Instrument :
BNA_G
ClientSampleId :
PB89766BS

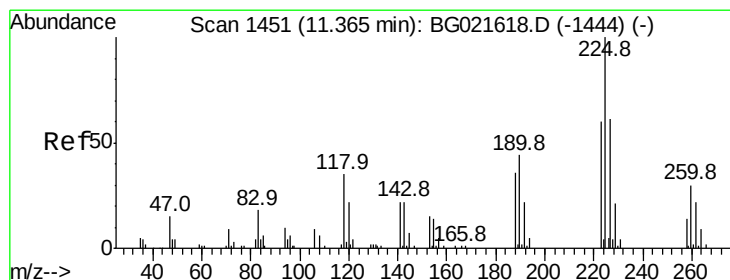
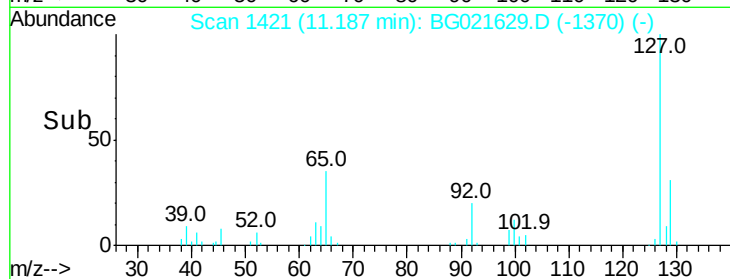
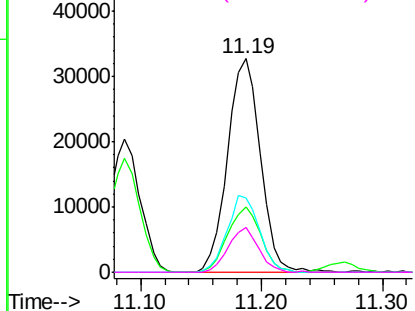
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		61957		
129	30.7	26.6	39.8		
65	34.5	27.5	41.3		
92	21.1	14.7	22.1		

Manual Integrations
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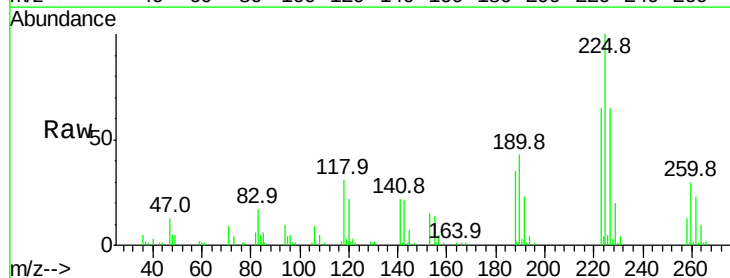


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

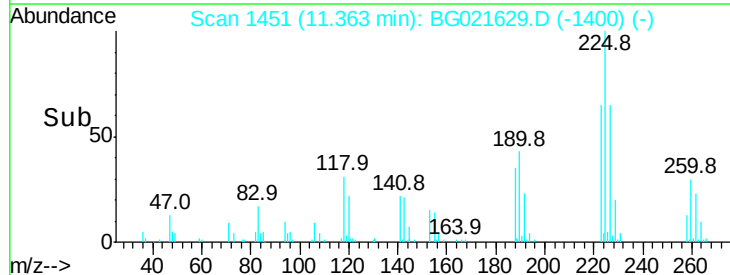
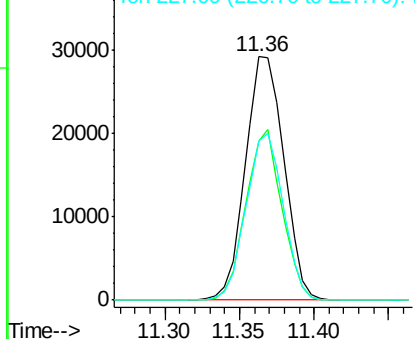


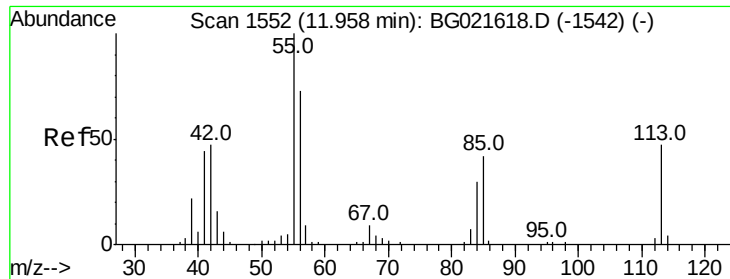
#34
Hexachlorobutadiene
Concen: 36.02 ng
RT: 11.36 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		52148		
223	65.2	52.7	79.1		
227	67.9	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: 40.13 ng/ml

RT: 11.95 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Instrument :

BNA_G

ClientSampleId :

PB89766BS

Tot Ion:113 Resp: 38336

Ion Ratio Lower Upper

113 100

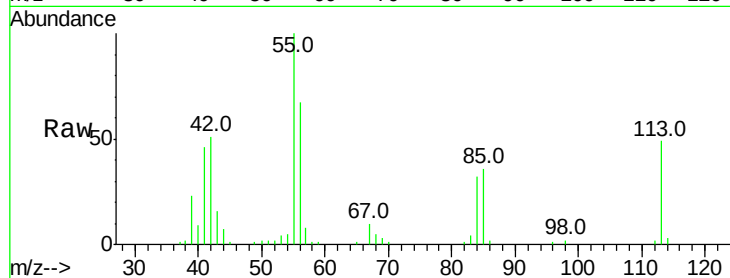
55 203.6 194.2 234.2

56 136.9 122.6 162.6

Manual Integrations
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Sohil

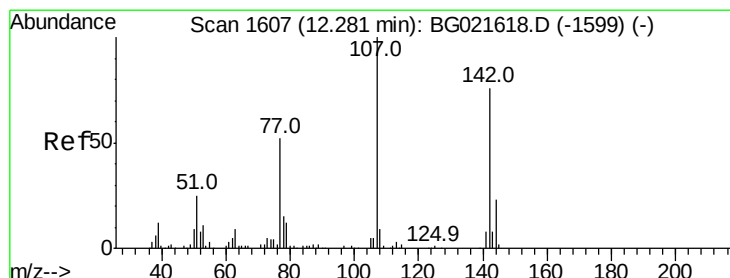
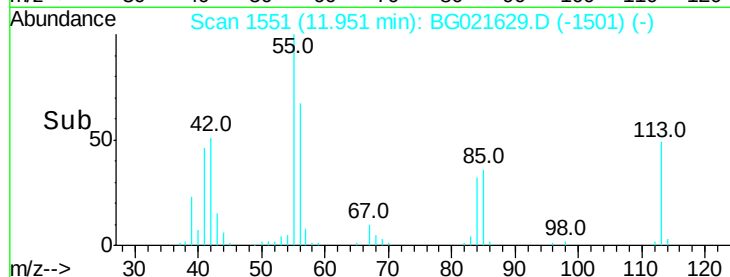
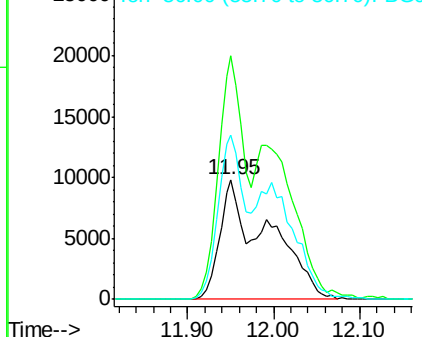
4/14/2016 5:29:37 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG021618.D (-1542) (-)

Ion 56.00 (55.70 to 56.70): BG021618.D (-1542) (-)



#36

4-Chloro-3-methylphenol

Concen: 41.51 ng/ml

RT: 12.28 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

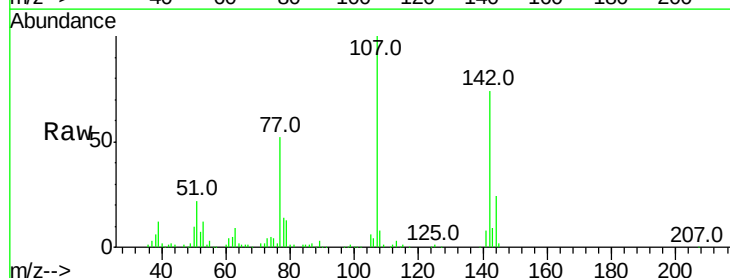
Tgt Ion:107 Resp: 108970

Ion Ratio Lower Upper

107 100

144 23.5 19.2 28.8

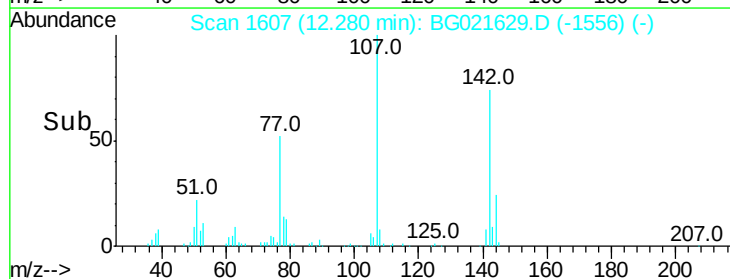
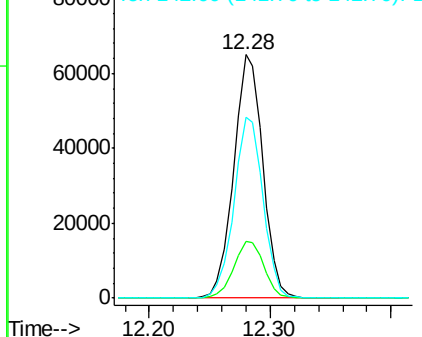
142 74.4 59.1 88.7

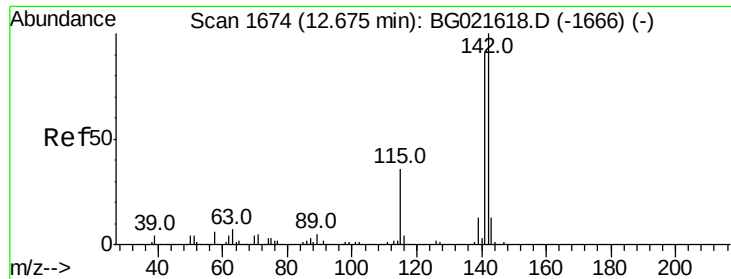


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





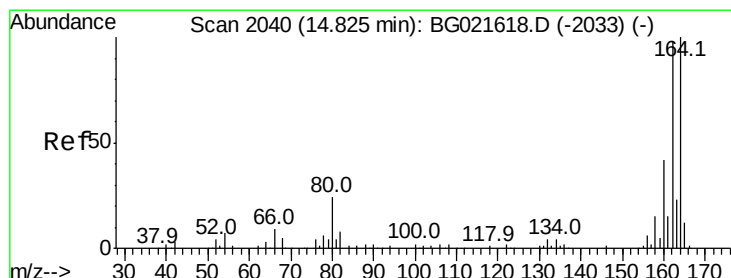
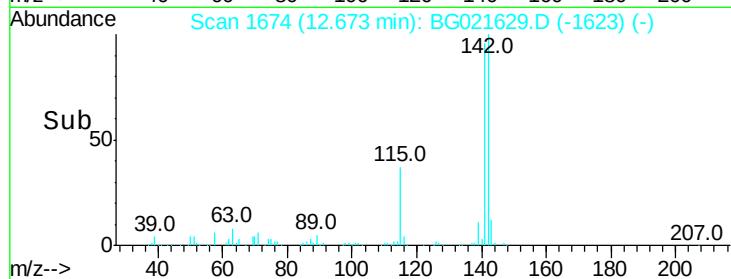
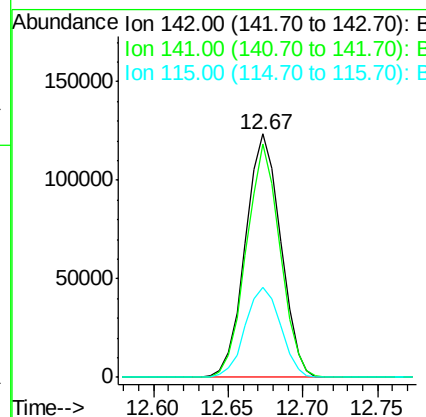
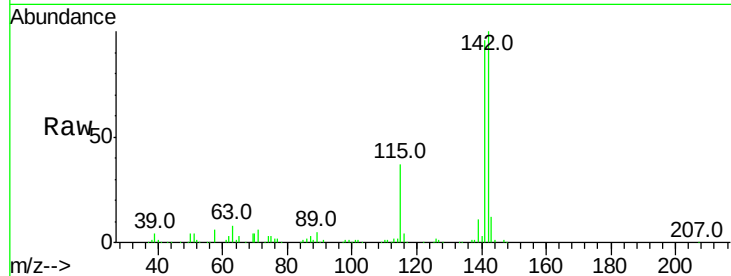
#37
 2-Methylnaphthalene
 Concen: 40.46 ng
 RT: 12.67 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB89766BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	95.9	71.4	107.0
115	37.2	27.4	41.2

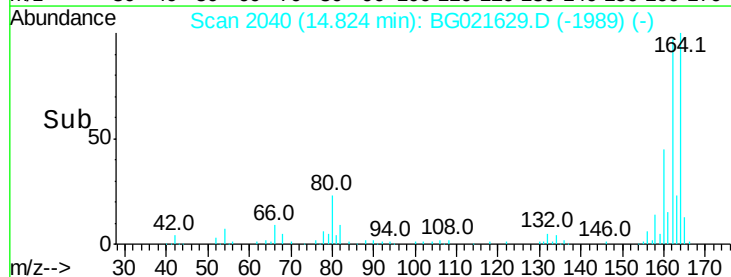
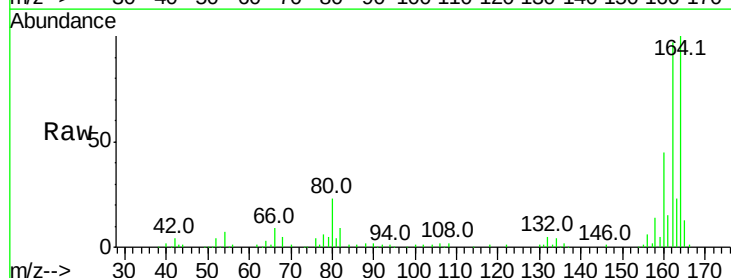
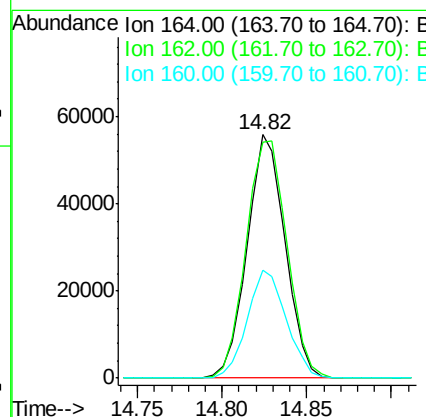
Manual Integrations
 APPROVED

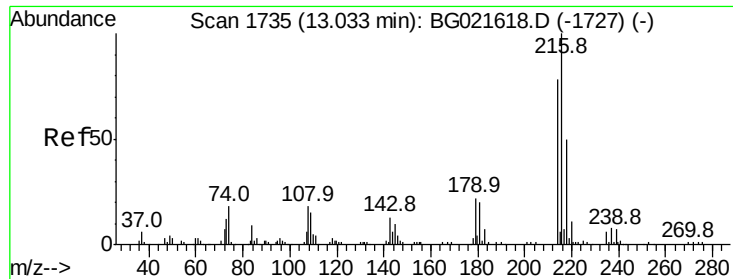
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 4/14/2016 5:29:37 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.1	78.0	117.0
160	44.6	32.9	49.3





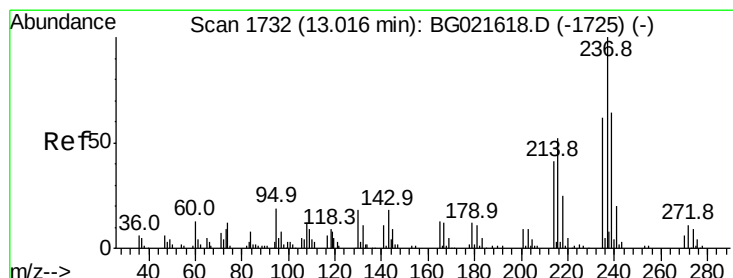
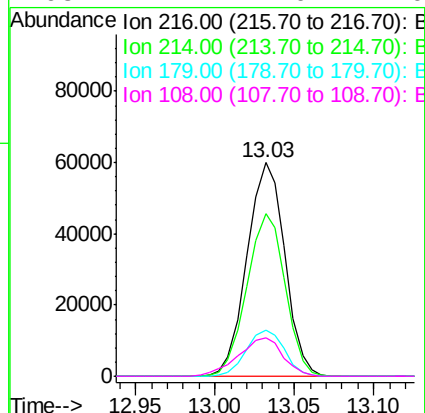
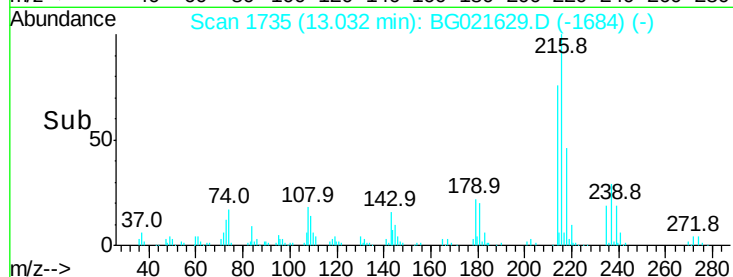
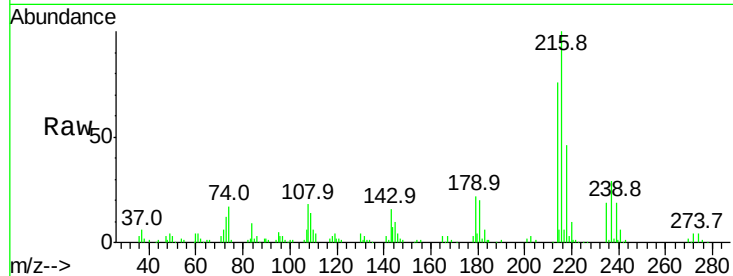
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.41 ng
 RT: 13.03 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB89766BS

Tot Ion:	216	Resp:	99464
Ion Ratio	Lower	Upper	
216	100		
214	76.7	62.2	93.2
179	21.5	16.7	25.1
108	21.1	14.0	21.0#

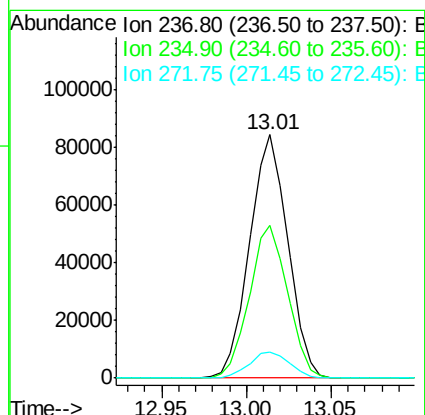
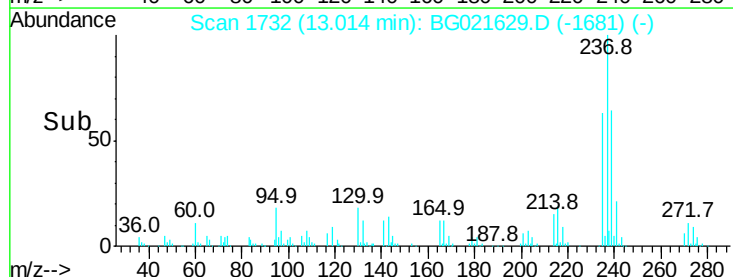
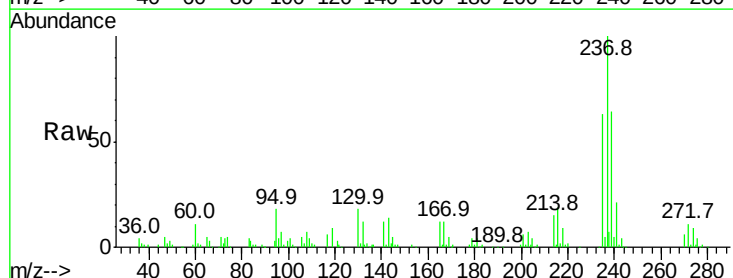
Manual Integrations
 APPROVED

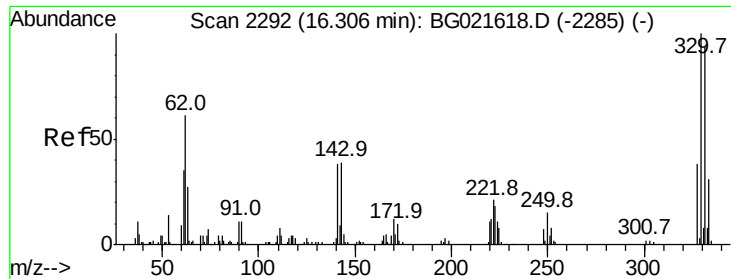
Sohil
 4/14/2016 5:29:37 PM



#40
 Hexachlorocyclopentadiene
 Concen: 87.09 ng
 RT: 13.01 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Tgt Ion:	237	Resp:	132152
Ion Ratio	Lower	Upper	
237	100		
235	62.5	43.2	83.2
272	10.6	0.0	33.4





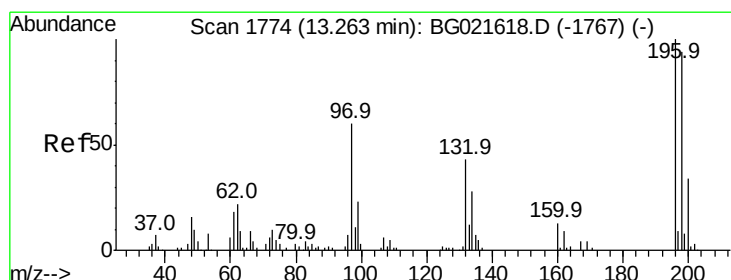
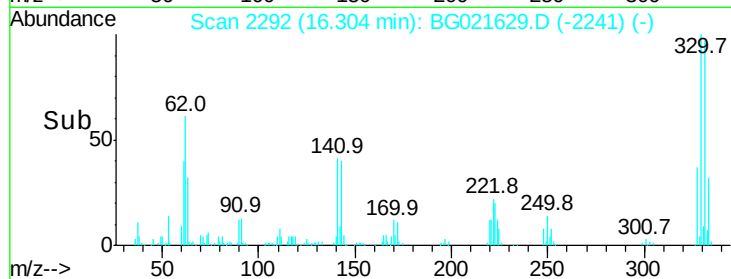
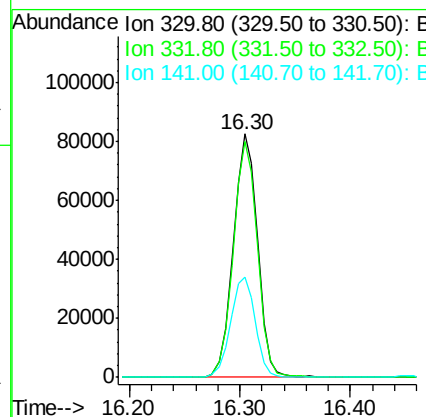
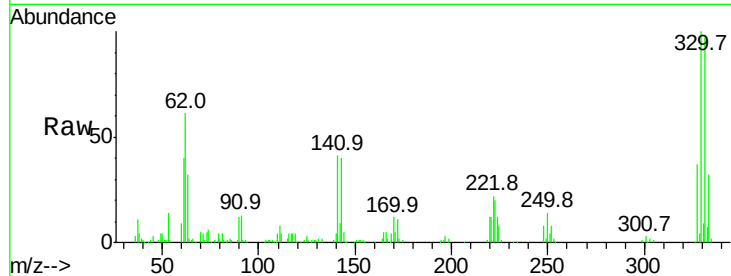
#41
 2,4,6-Tribromophenol
 Concen: 134.93 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Instrument :
 BNA_G
 ClientSampled :
 PB89766BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	127099		
332	96.6	78.0	117.0	
141	42.0	33.8	50.8	

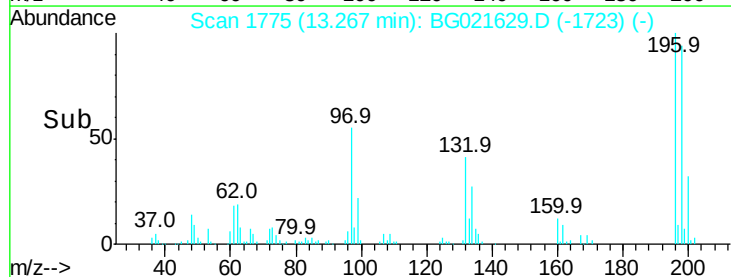
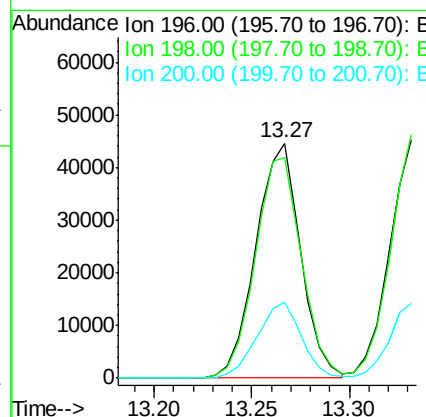
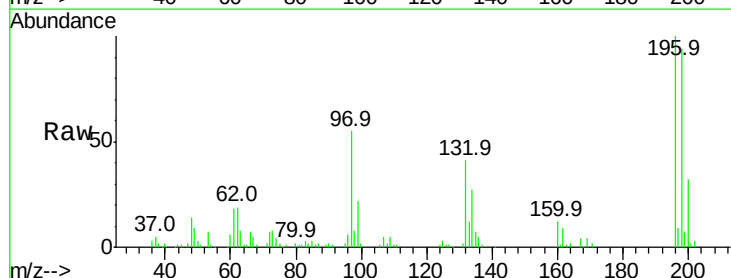
Manual Integrations
 APPROVED

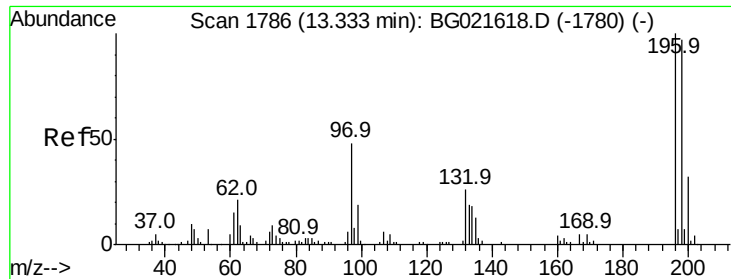
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 4/14/2016 5:29:37 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.47 ng
 RT: 13.27 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	70483		
198	93.6	80.1	120.1	
200	32.3	24.1	36.1	





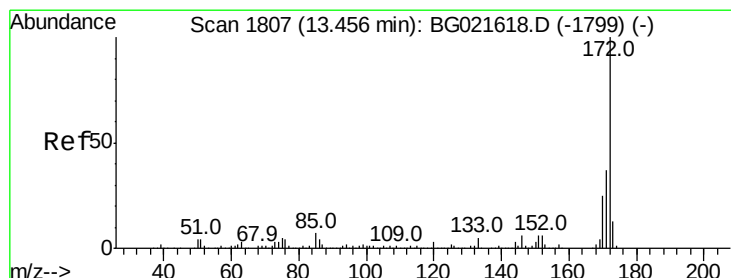
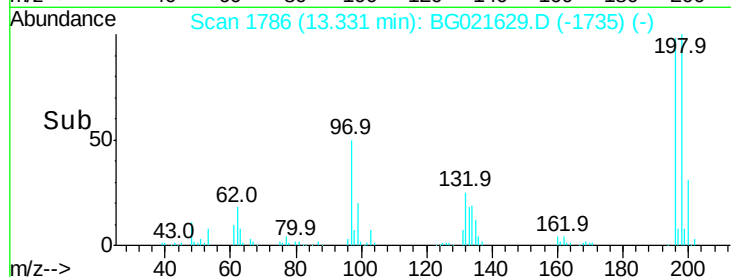
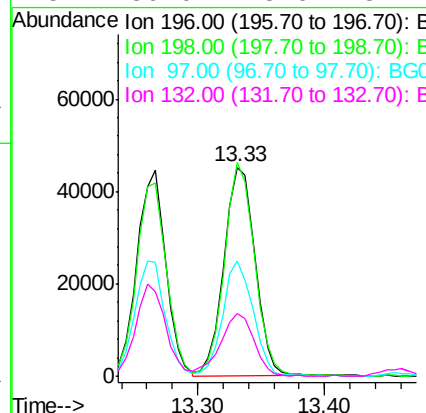
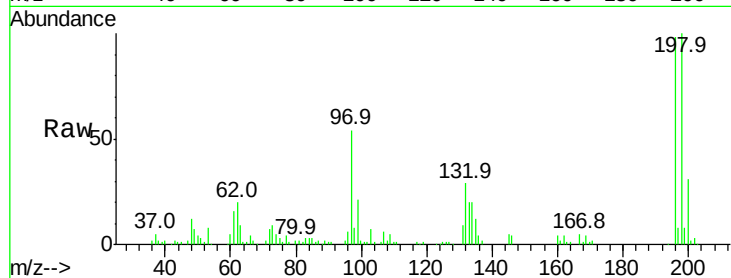
#43
 2,4,5-Trichlorophenol
 Concen: 41.13 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Instrument :
 BNA_G
 ClientSampled :
 PB89766BS

Tot Ion	196	Resp	77302
Ion Ratio	Lower	Upper	
196	100		
198	102.2	78.0	117.0
97	55.1	43.0	64.6
132	30.0	23.0	34.4

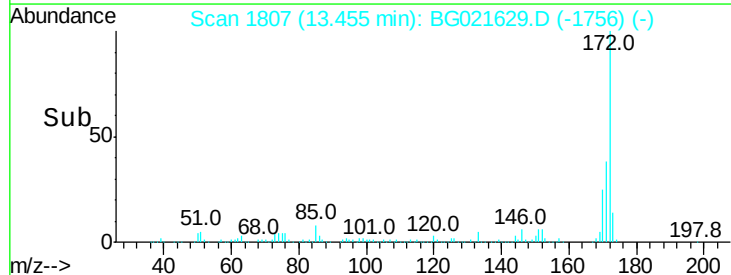
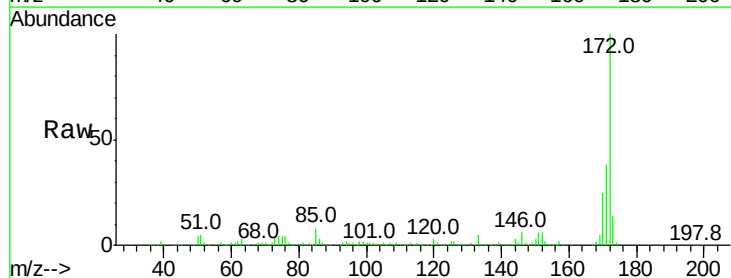
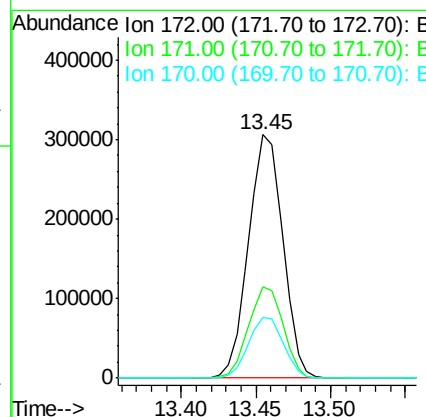
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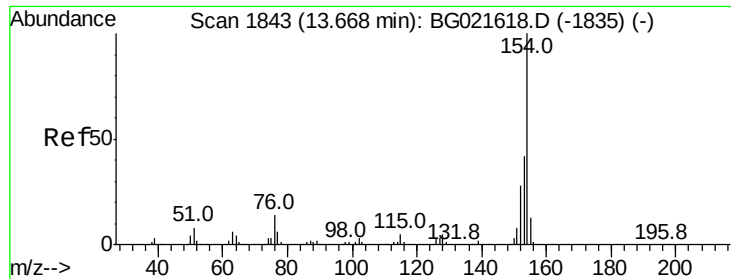
Sohil
 4/14/2016 5:29:37 PM



#44
 2-Fluorobiphenyl
 Concen: 81.58 ng
 RT: 13.45 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Tgt Ion	172	Resp	486648
Ion Ratio	Lower	Upper	
172	100		
171	37.5	27.8	41.6
170	24.6	19.6	29.4





#45

1,1'-Biphenyl

Concen: 35.94 ng

RT: 13.67 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Instrument :

BNA_G

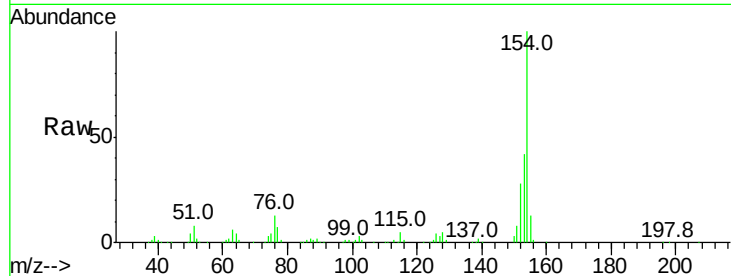
ClientSampleId :

PB89766BS

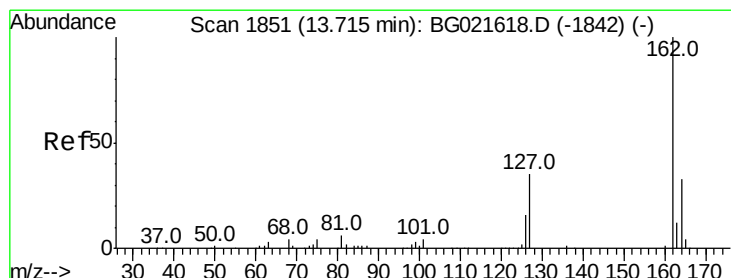
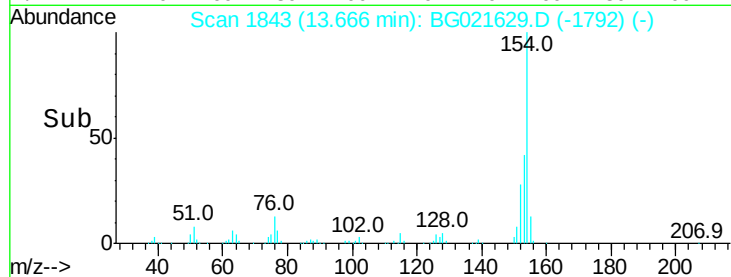
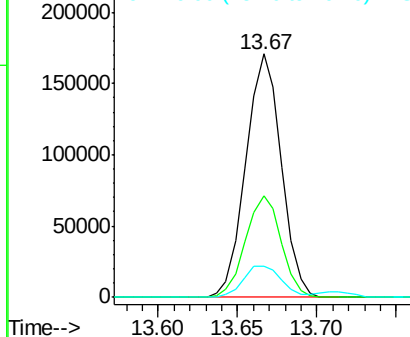
Tot Ion:	154	Resp:	264642
Ion Ratio	Lower	Upper	
154	100		
153	41.6	19.7	59.7
76	12.9	0.0	33.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 37.34 ng

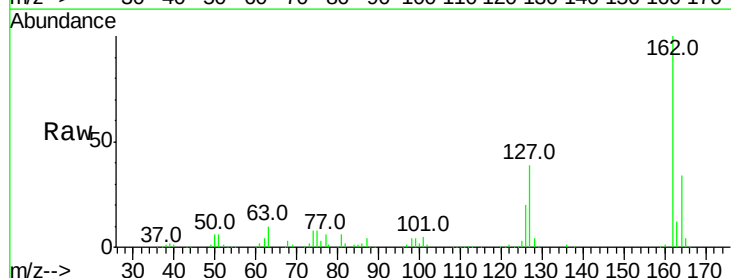
RT: 13.71 min Scan# 1851

Delta R.T. -0.00 min

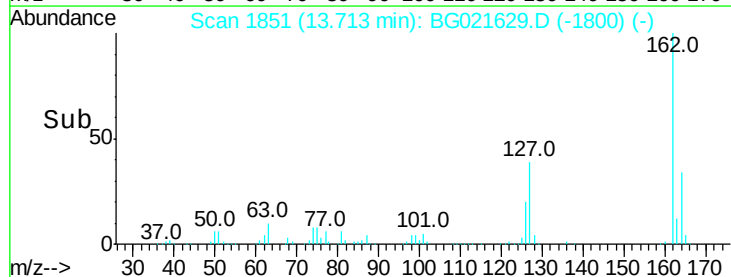
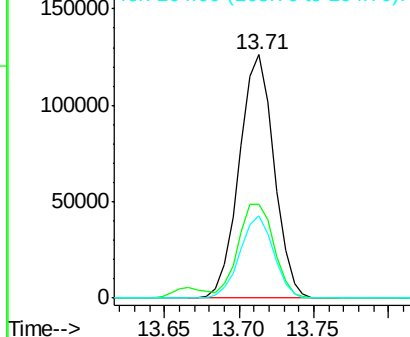
Lab File: BG021629.D

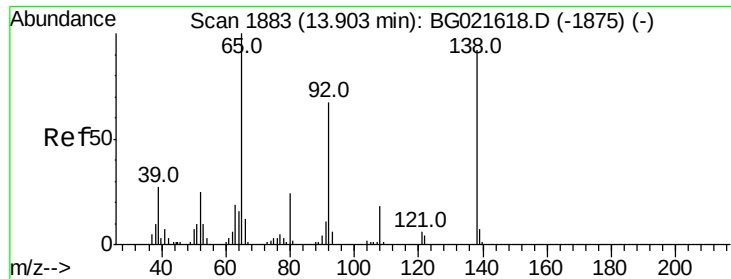
Acq: 13 Apr 2016 20:13

Tgt Ion:	162	Resp:	203299
Ion Ratio	Lower	Upper	
162	100		
127	38.7	32.0	48.0
164	33.6	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.76 ng

RT: 13.91 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Instrument :

BNA_G

ClientSampleId :

PB89766BS

Tot Ion: 65 Resp: 76086

Ion Ratio Lower Upper

65 100

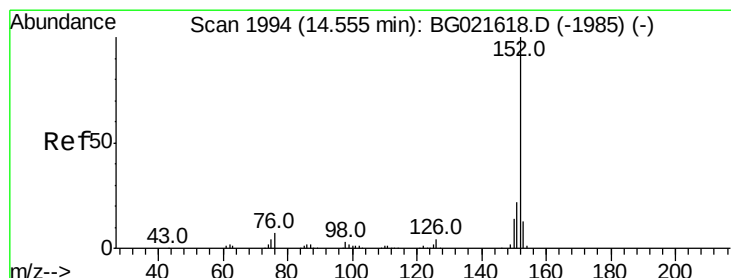
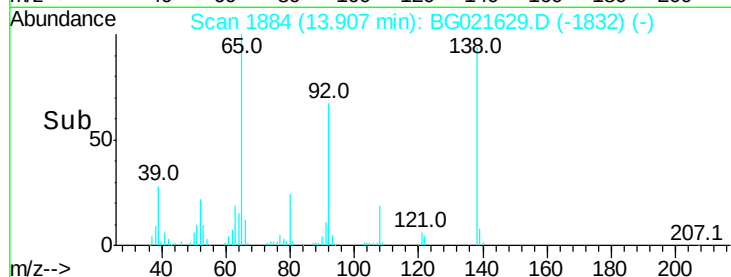
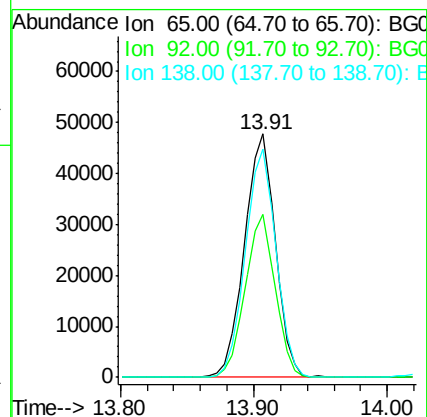
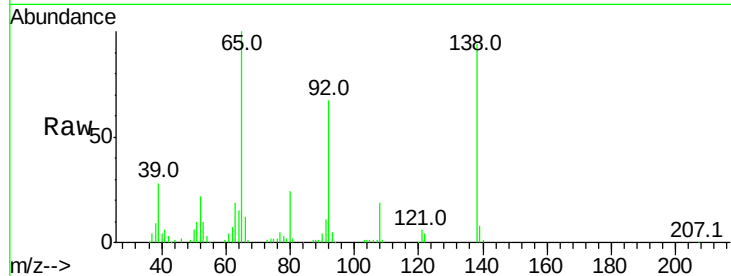
92 67.0 49.2 73.8

138 94.0 75.0 112.6

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#48

Acenaphthylene

Concen: 38.22 ng

RT: 14.55 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

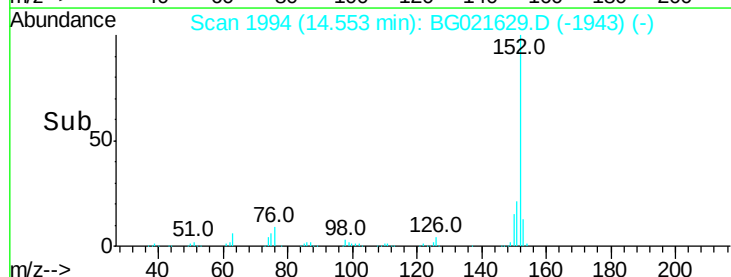
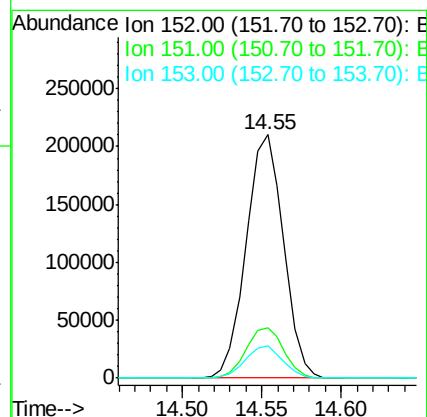
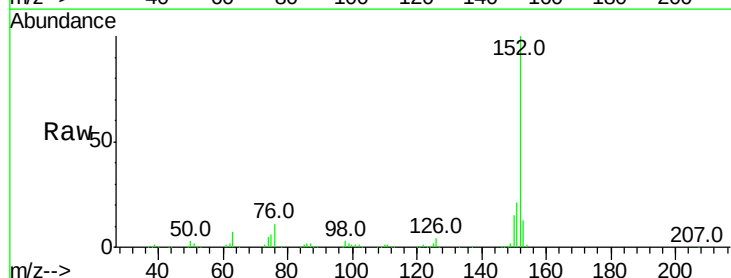
Tgt Ion: 152 Resp: 343987

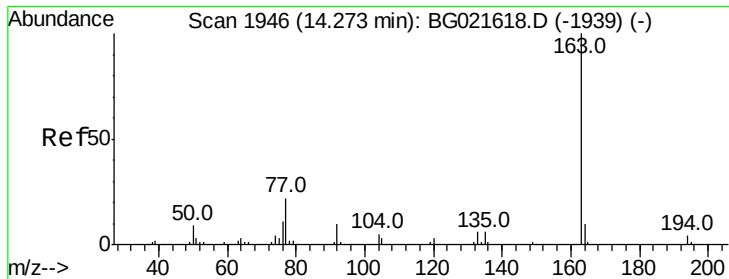
Ion Ratio Lower Upper

152 100

151 20.6 16.6 24.8

153 13.5 10.2 15.2





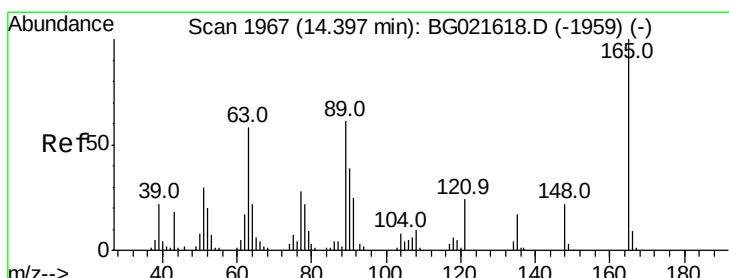
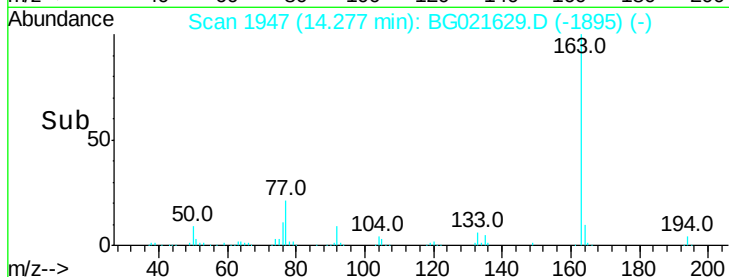
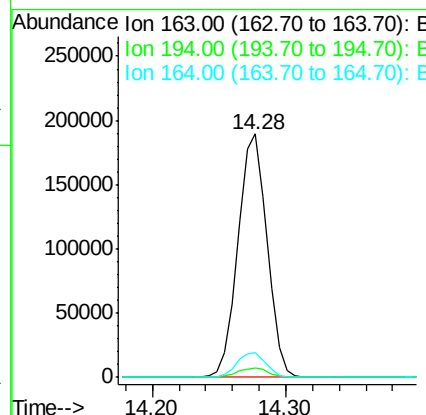
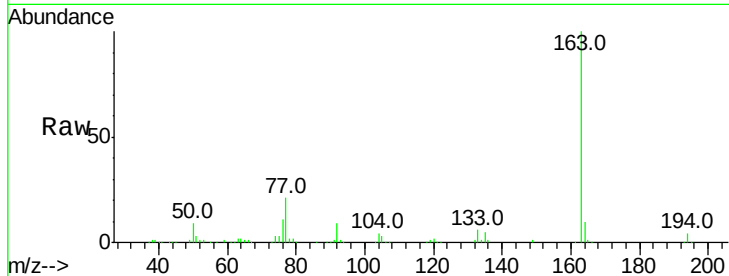
#49
Dimethylphthalate
Concen: 37.80 ng
RT: 14.28 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Instrument :
BNA_G
ClientSampleId :
PB89766BS

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.9	3.0	4.6
164	10.1	8.1	12.1

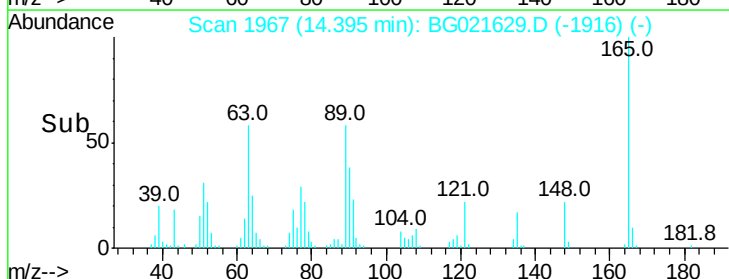
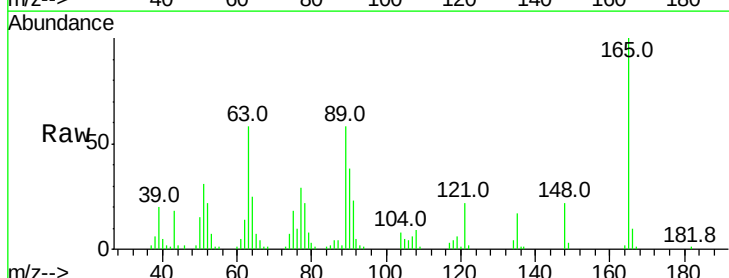
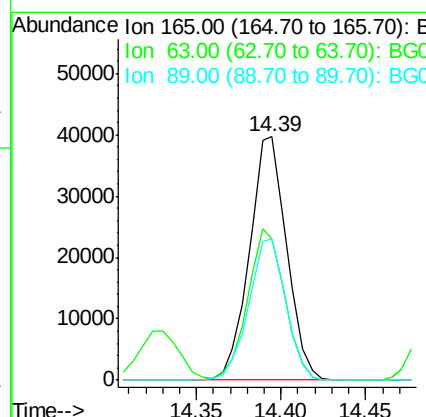
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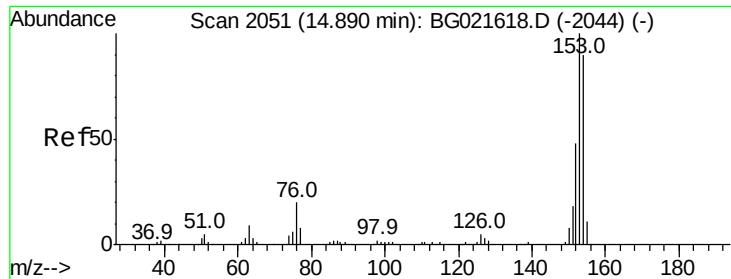
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#50
2,6-Dinitrotoluene
Concen: 42.14 ng
RT: 14.39 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	58.2	48.2	72.4
89	58.0	45.3	67.9





#51

Acenaphthene

Concen: 40.48 ng

RT: 14.89 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Instrument :

BNA_G

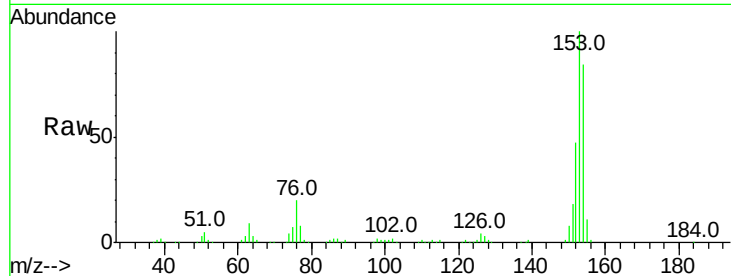
ClientSampleId :

PB89766BS

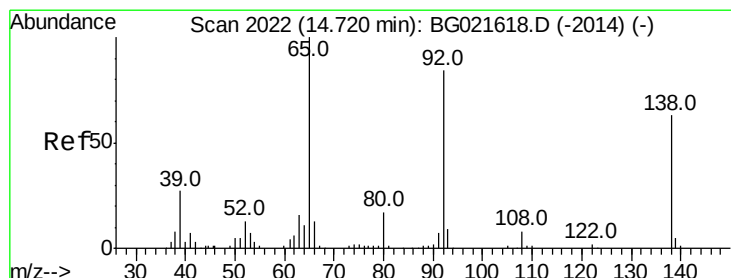
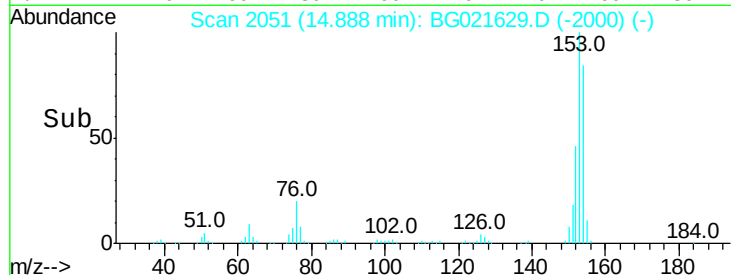
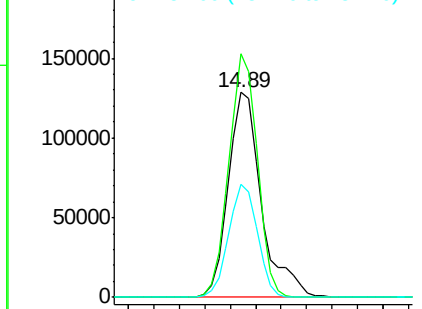
Tot Ion:	154	Resp:	232929
Ion Ratio	Lower	Upper	
154	100		
153	118.8	91.9	137.9
152	55.4	42.0	63.0

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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: 26.38 ng

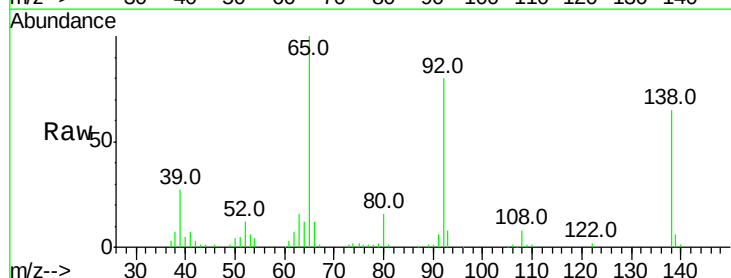
RT: 14.72 min Scan# 2022

Delta R.T. -0.00 min

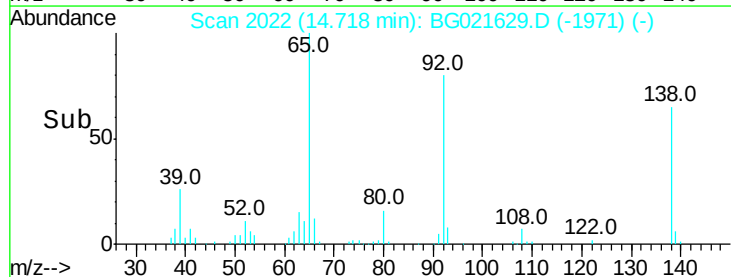
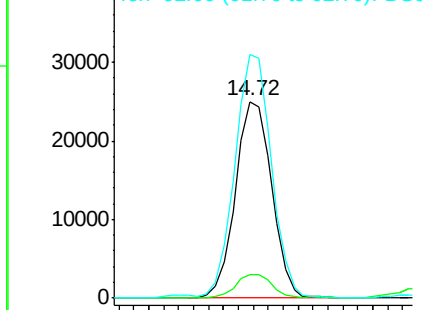
Lab File: BG021629.D

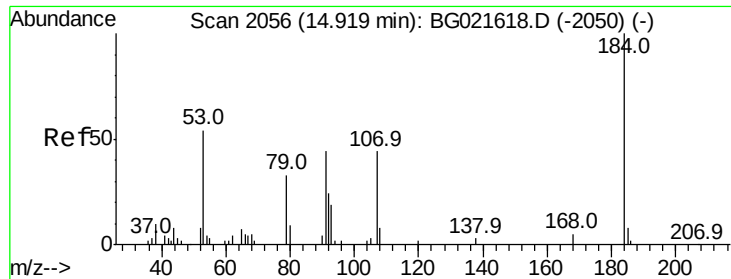
Acq: 13 Apr 2016 20:13

Tgt Ion:	138	Resp:	42155
Ion Ratio	Lower	Upper	
138	100		
108	11.9	9.1	13.7
92	123.9	102.6	154.0



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





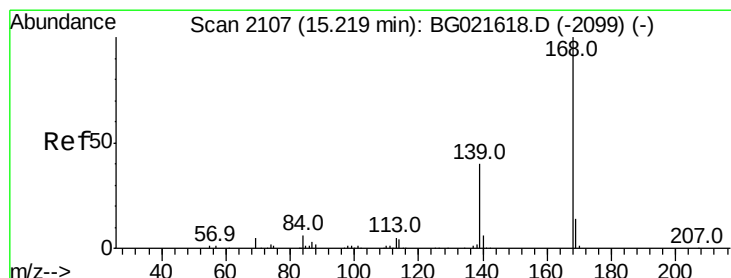
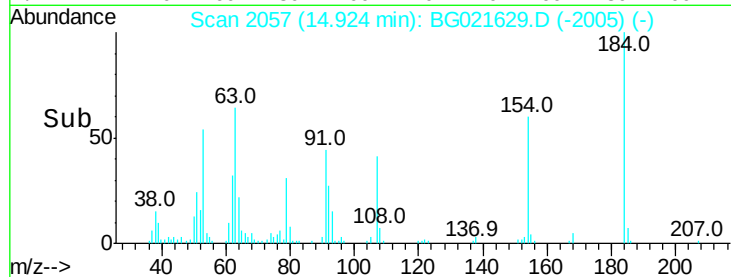
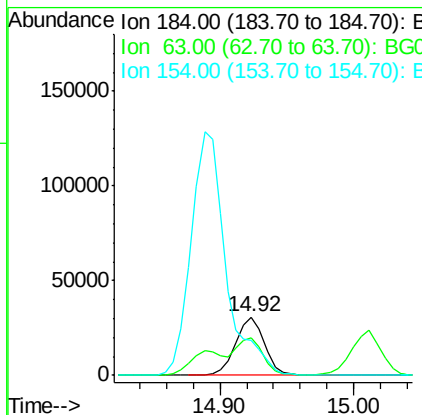
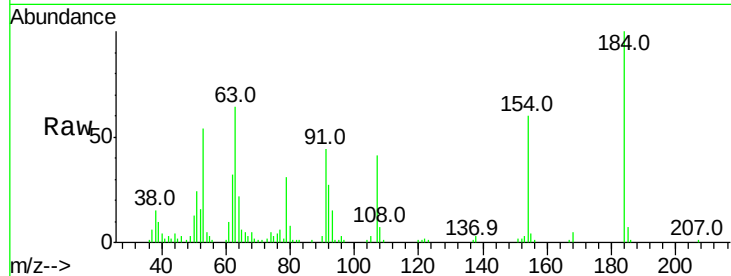
#53
 2,4-Dinitrophenol
 Concen: 82.95 ng
 RT: 14.92 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB89766BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	64.4	57.3	85.9
154	60.0	55.2	82.8

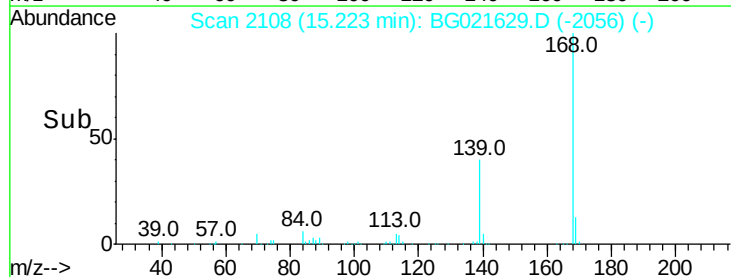
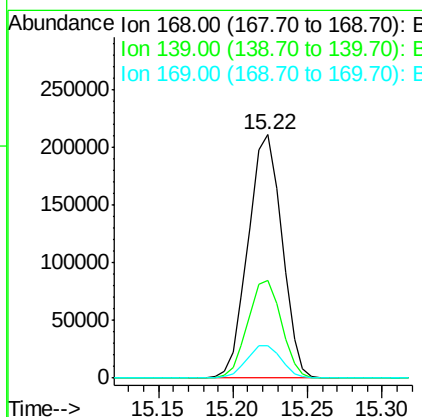
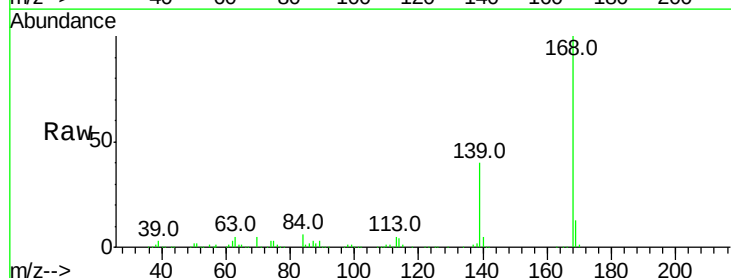
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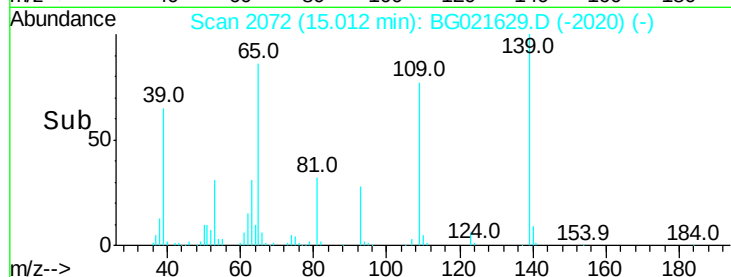
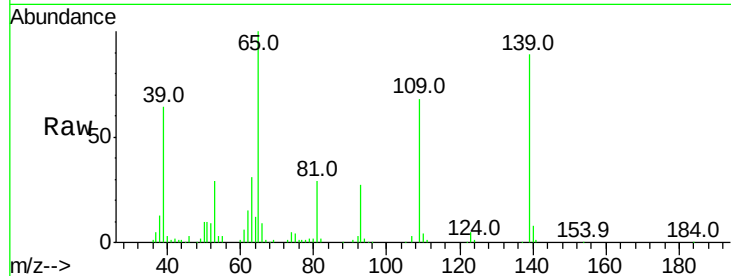
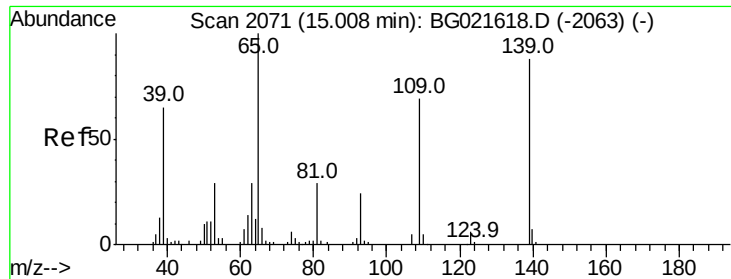
Sohil
 4/14/2016 5:29:37 PM



#54
 Dibenzofuran
 Concen: 42.14 ng
 RT: 15.22 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.1	46.7
169	13.3	11.0	16.6





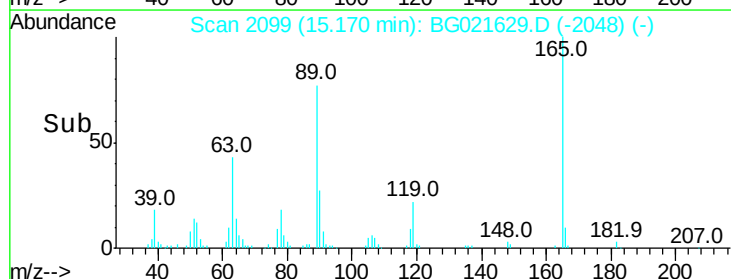
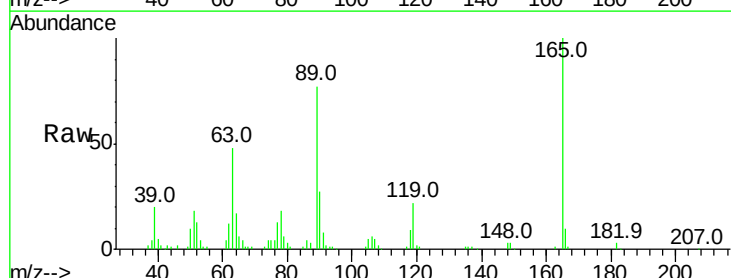
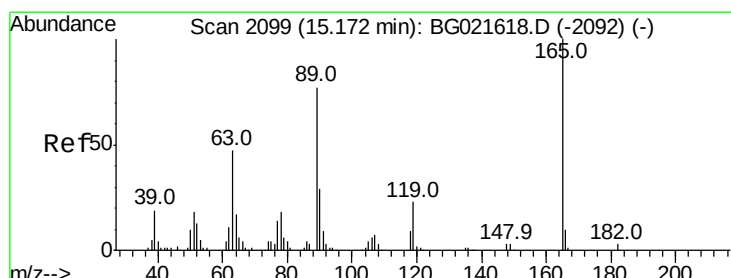
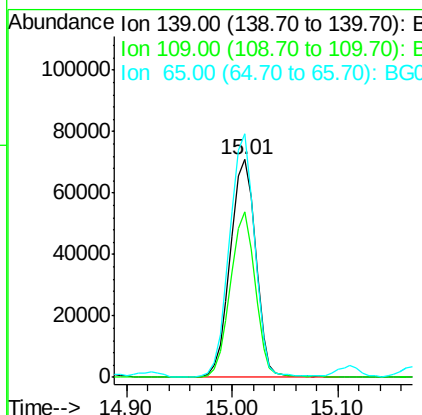
#55
4-Nitrophenol
Concen: 86.99 ng
RT: 15.01 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Instrument :
BNA_G
ClientSampled :
PB89766BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	119034		
109	76.0	49.2	89.2	
65	112.0	83.2	123.2	

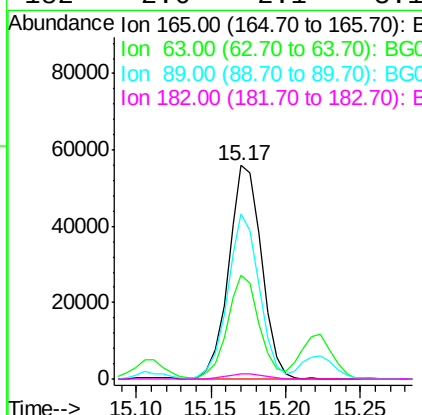
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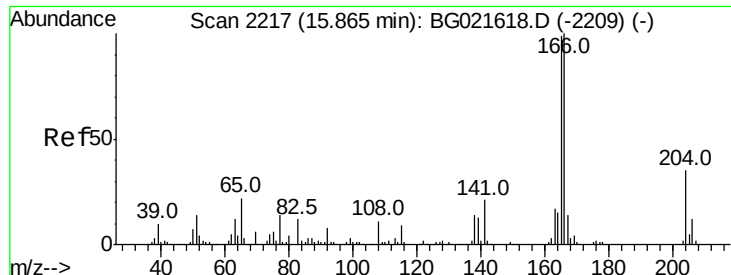
Sohil
4/14/2016 5:29:37 PM



#56
2,4-Dinitrotoluene
Concen: 44.02 ng
RT: 15.17 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	85720		
63	48.5	37.4	56.0	
89	77.1	59.4	89.0	
182	2.6	2.1	3.1	





#57

Fluorene

Concen: 39.54 ng

RT: 15.87 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Instrument :

BNA_G

ClientSampleId :

PB89766BS

Tot Ion:166 Resp: 277478

Ion Ratio Lower Upper

166 100

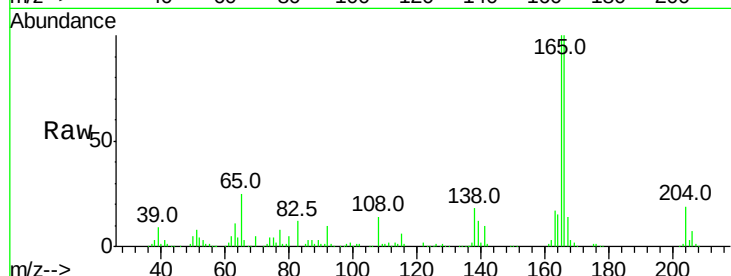
165 99.8 79.0 118.4

167 13.5 10.7 16.1

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

200000

150000

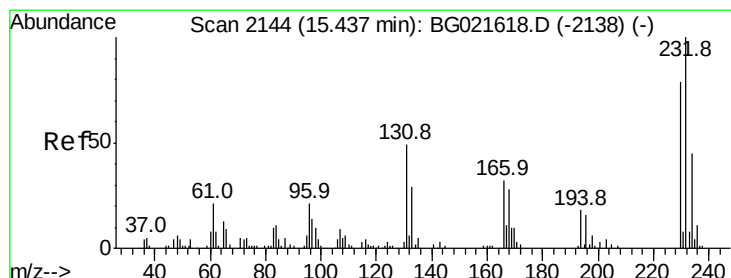
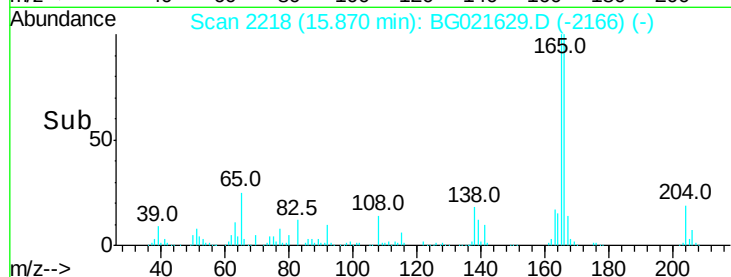
100000

50000

0

15.87

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.86 ng

RT: 15.44 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Tgt Ion:232 Resp: 73072

Ion Ratio Lower Upper

232 100

131 46.7 36.3 54.5

130 2.7 1.9 2.9

166 31.5 25.0 37.4

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

60000

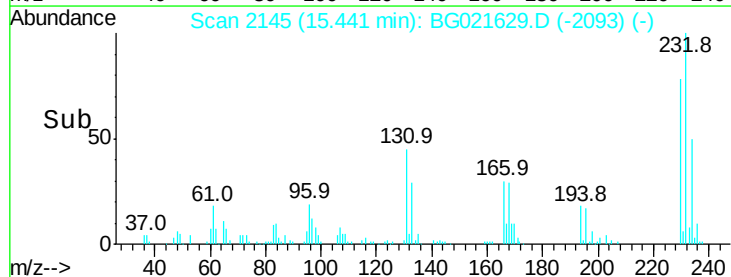
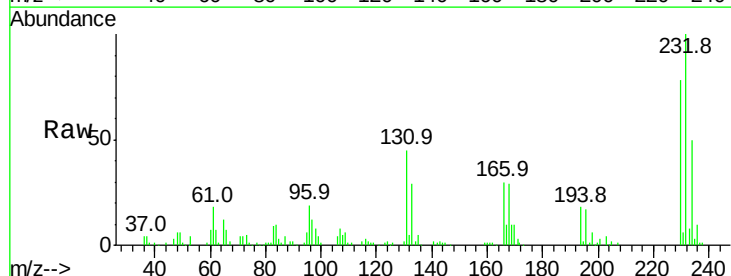
40000

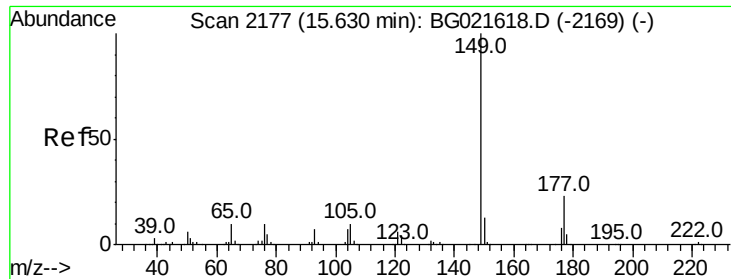
20000

0

15.44

Time-->





#59

Diethylphthalate

Concen: 38.34 ng

RT: 15.63 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Instrument :

BNA_G

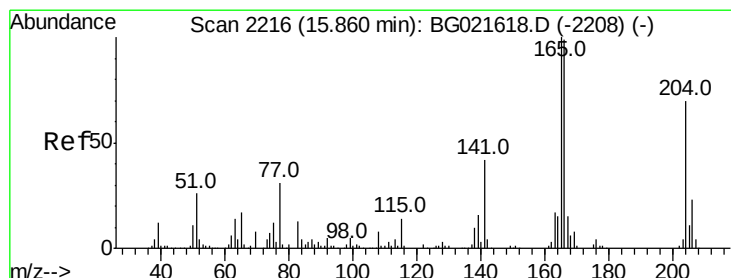
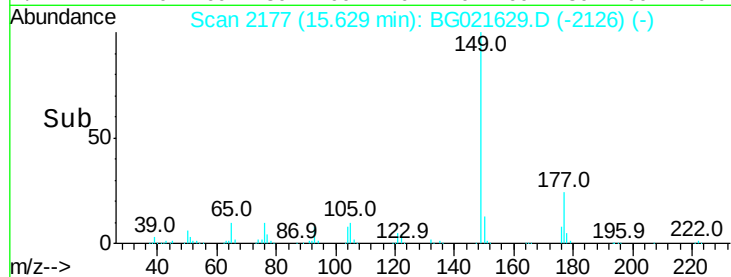
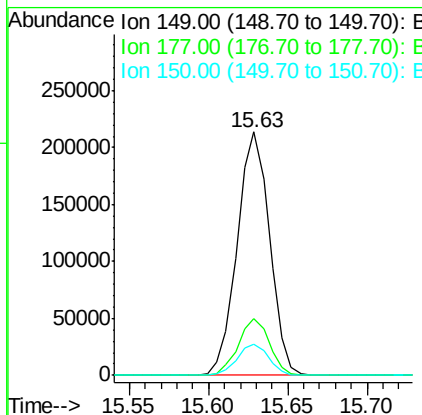
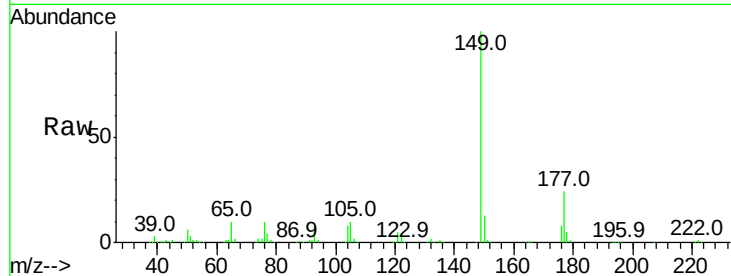
ClientSampled :

PB89766BS

Tot Ion:	149	Resp:	302431
Ion Ratio	Lower	Upper	
149	100		
177	23.5	17.3	25.9
150	12.8	9.7	14.5

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#60

4-Chlorophenyl-phenylether

Concen: 38.93 ng

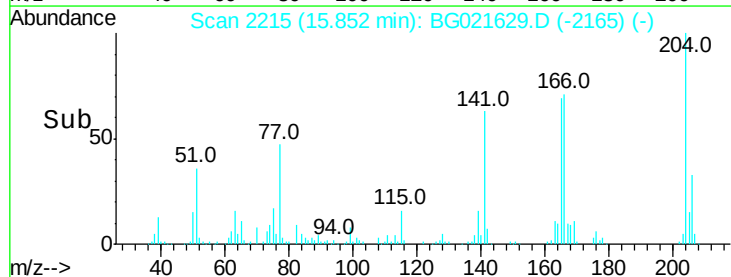
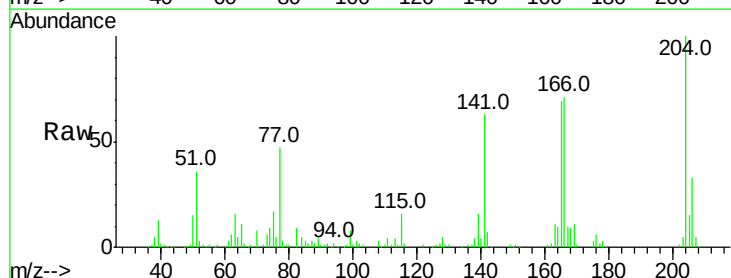
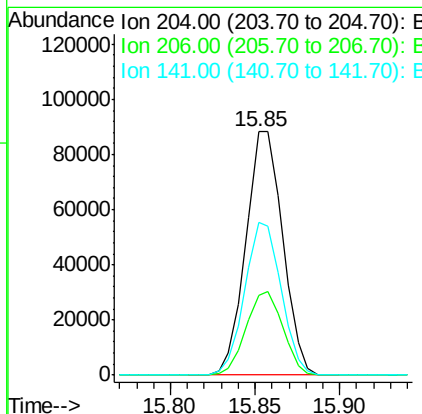
RT: 15.85 min Scan# 2215

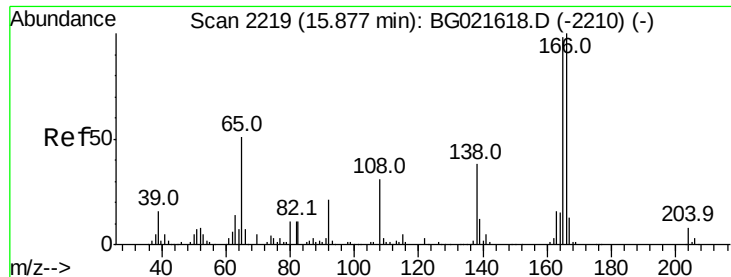
Delta R.T. -0.01 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Tgt Ion:	204	Resp:	134565
Ion Ratio	Lower	Upper	
204	100		
206	32.6	27.8	41.8
141	62.7	51.0	76.4





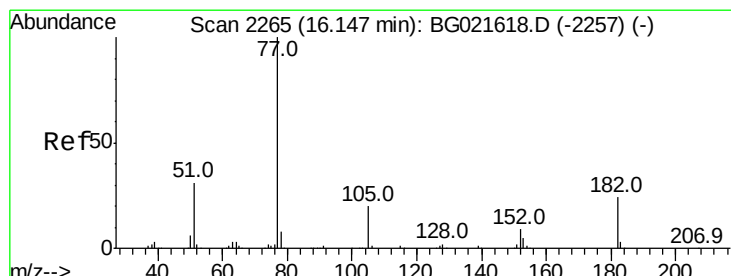
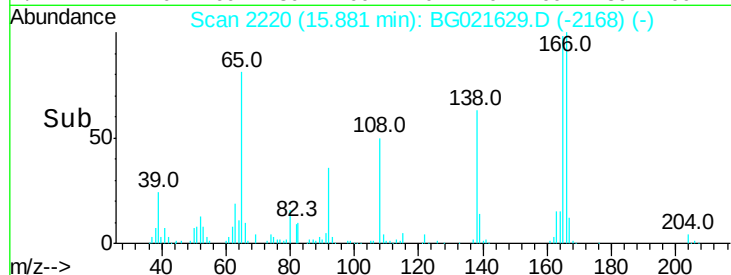
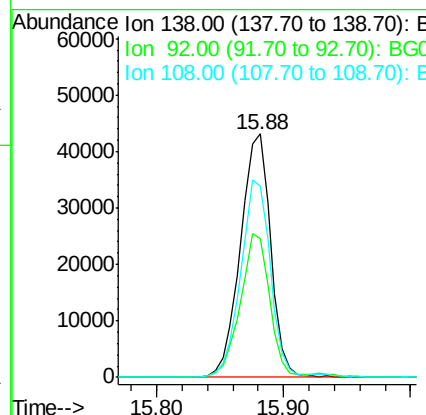
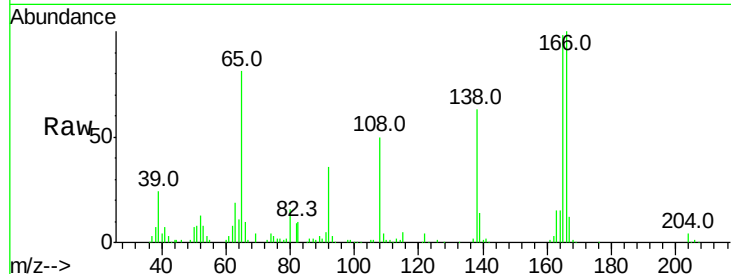
#61
 4-Nitroaniline
 Concen: 40.37 ng
 RT: 15.88 min Scan# 2220
 Delta R.T. 0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB89766BS

Tot Ion:	138	Resp:	70988
Ion Ratio	Lower	Upper	
138	100		
92	57.2	37.7	77.7
108	78.6	59.4	99.4

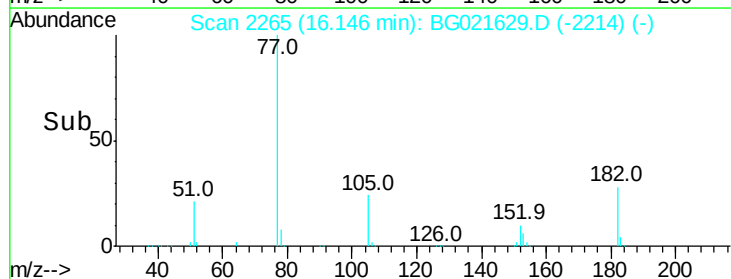
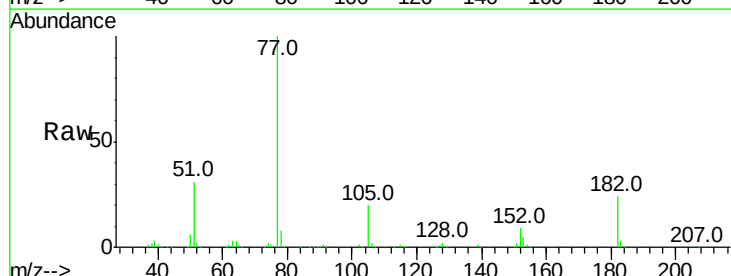
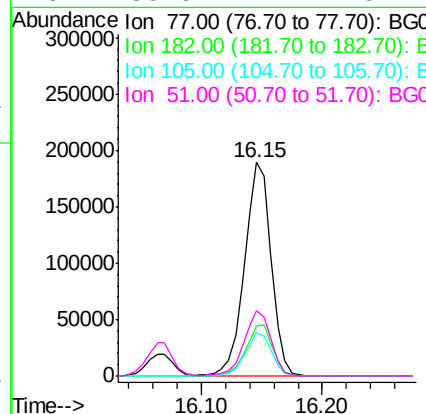
Manual Integrations
 APPROVED

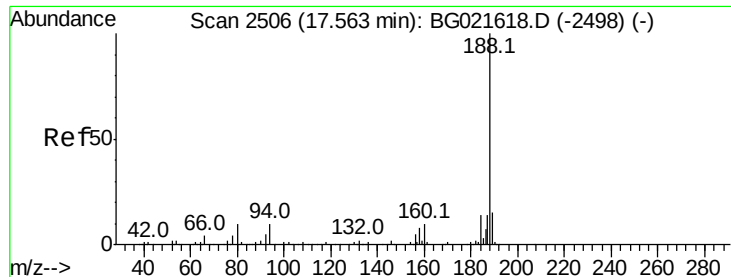
Sohil
 4/14/2016 5:29:37 PM



#62
 Azobenzene
 Concen: 42.98 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Tgt Ion:	77	Resp:	290562
Ion Ratio	Lower	Upper	
77	100		
182	23.7	4.1	44.1
105	20.2	0.0	39.8
51	30.5	11.1	51.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Instrument :

BNA_G

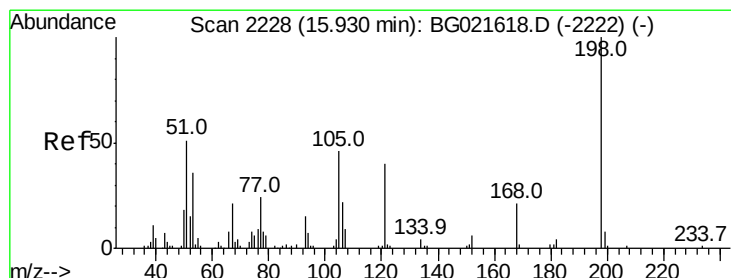
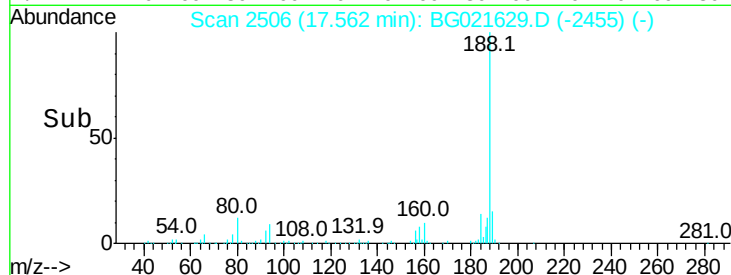
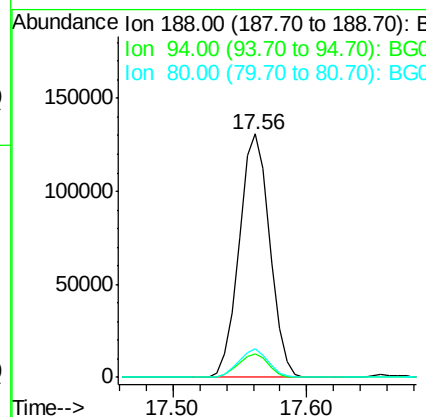
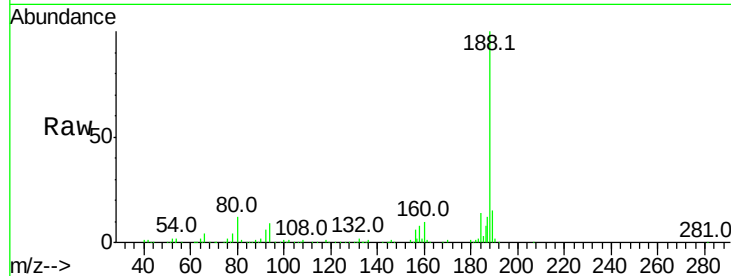
ClientSampleId :

PB89766BS

Tot Ion:188	Resp:	206488
Ion Ratio	Lower	Upper
188 100		
94 9.4	7.5	11.3
80 11.7	8.6	13.0

Manual Integrations
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4/14/2016 5:29:37 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 39.31 ng

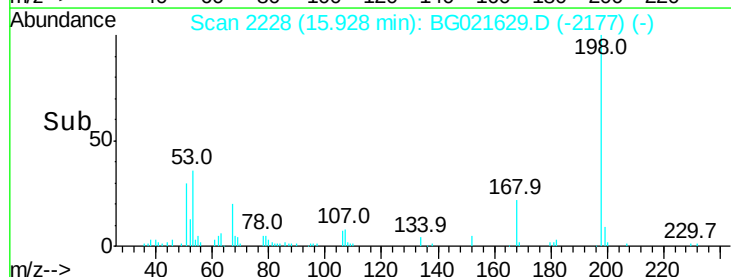
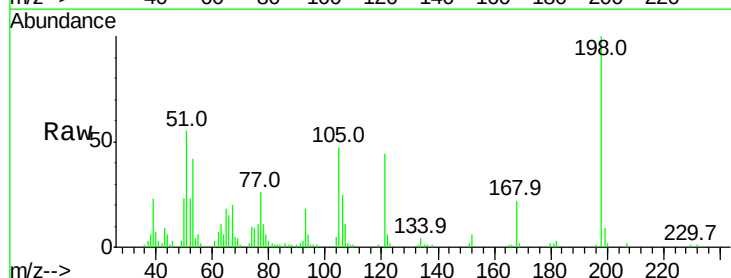
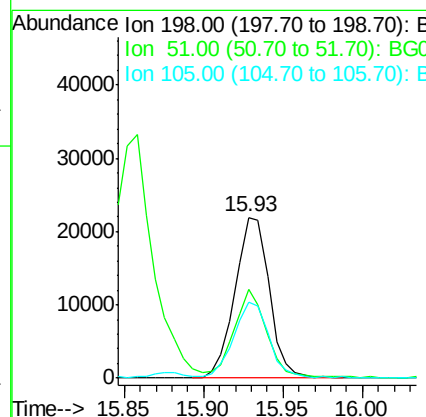
RT: 15.93 min Scan# 2228

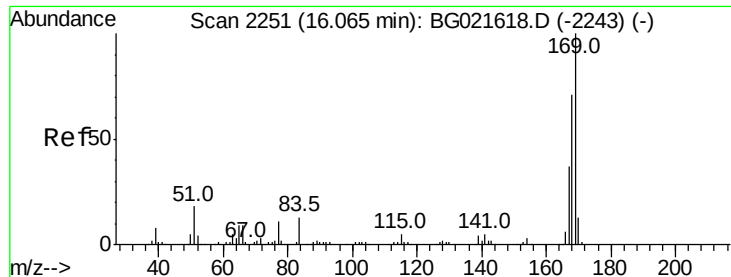
Delta R.T. -0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Tgt Ion:198	Resp:	32862
Ion Ratio	Lower	Upper
198 100		
51 55.1	29.2	69.2
105 47.2	24.0	64.0





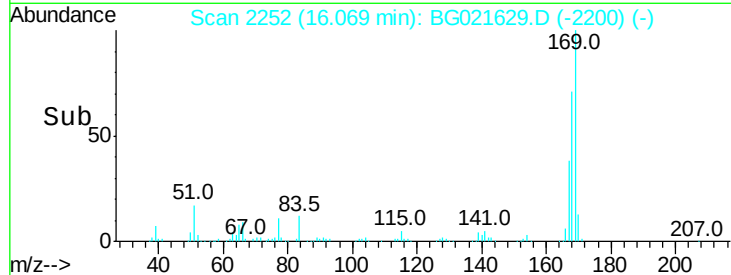
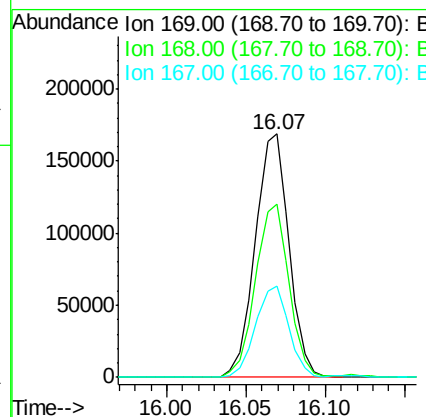
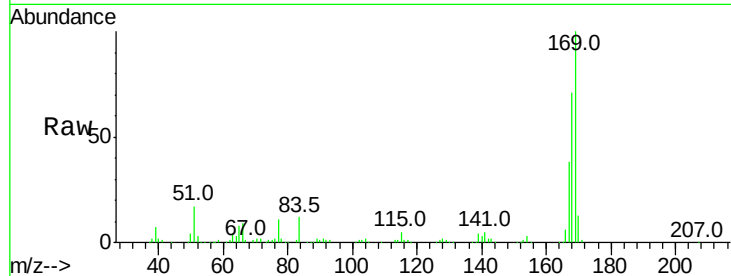
#65
 n-Nitrosodiphenylamine
 Concen: 40.37 ng
 RT: 16.07 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB89766BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	250042		
168	71.0		59.6	89.4
167	37.7		31.2	46.8

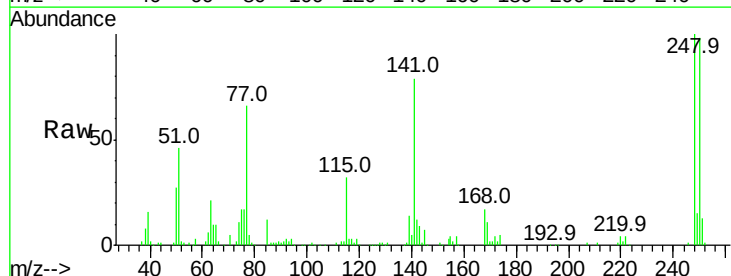
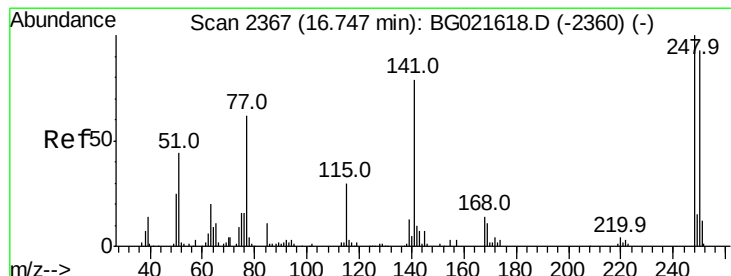
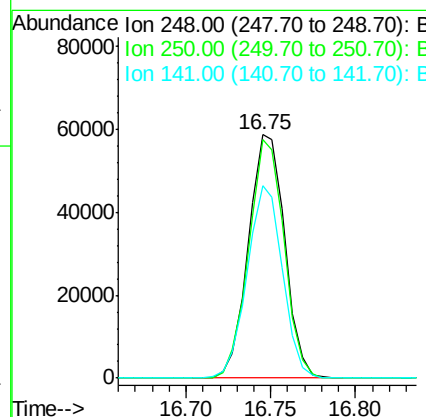
Manual Integrations
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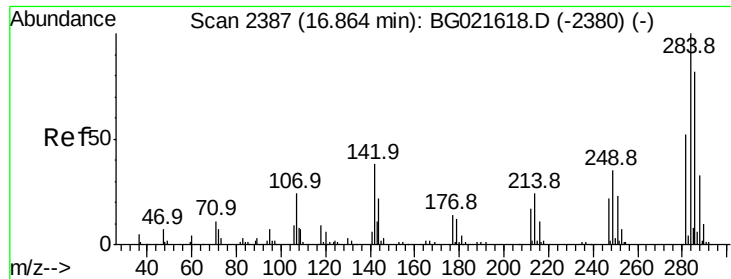
Sohil
 4/14/2016 5:29:37 PM



#66
 4-Bromophenyl-phenylether
 Concen: 39.58 ng
 RT: 16.75 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	87554		
250	98.2		76.6	114.8
141	79.0		63.8	95.6





#67

Hexachlorobenzene

Concen: 39.71 ng

RT: 16.86 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Instrument :

BNA_G

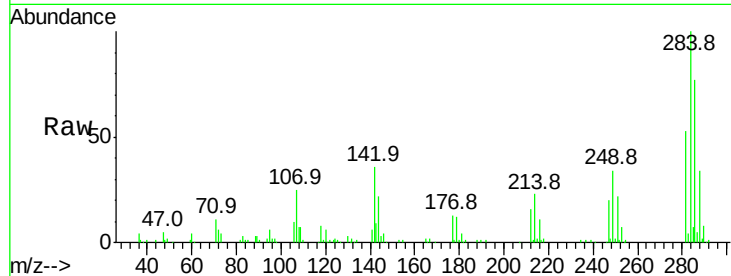
ClientSampleId :

PB89766BS

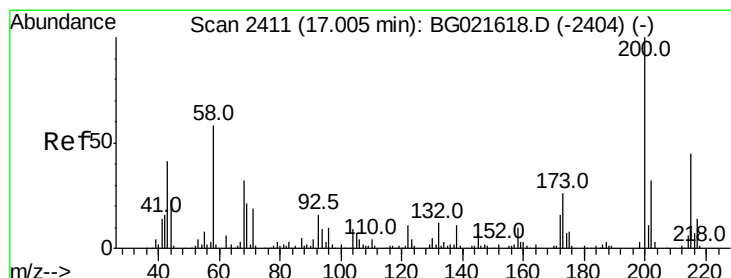
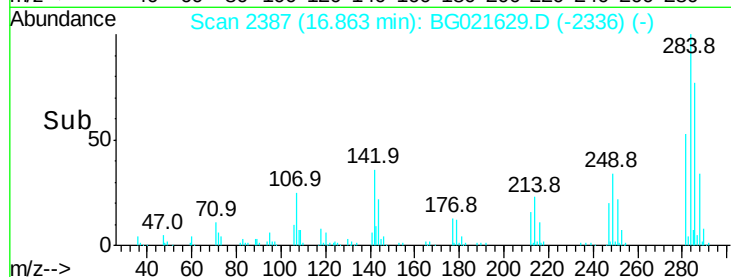
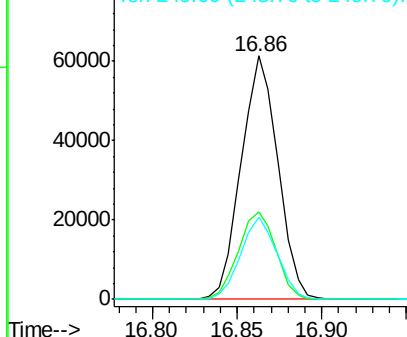
Tot Ion:	284	Resp:	92748
Ion Ratio	Lower	Upper	
284	100		
142	35.9	31.8	47.6
249	33.7	27.3	40.9

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



#68

Atrazine

Concen: 40.38 ng

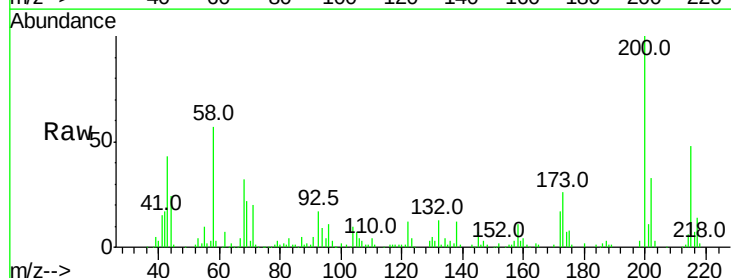
RT: 17.00 min Scan# 2411

Delta R.T. -0.00 min

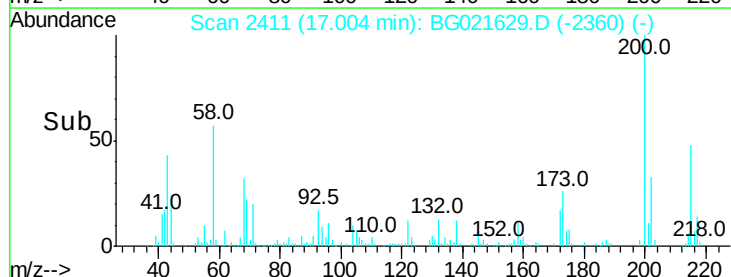
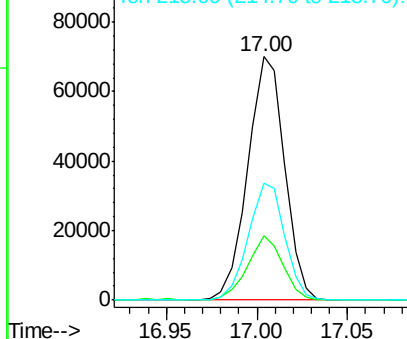
Lab File: BG021629.D

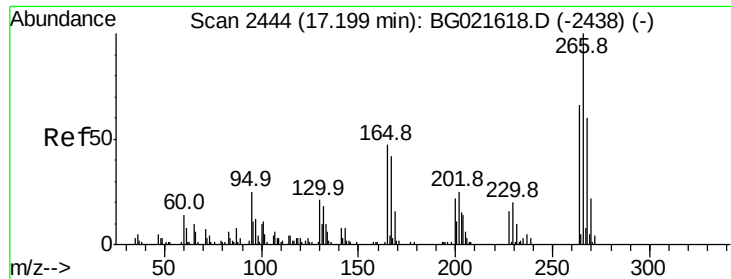
Acq: 13 Apr 2016 20:13

Tgt Ion:	200	Resp:	98744
Ion Ratio	Lower	Upper	
200	100		
173	26.5	5.1	45.1
215	47.9	28.0	68.0



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





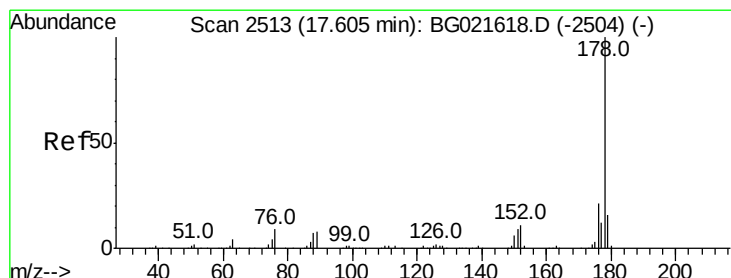
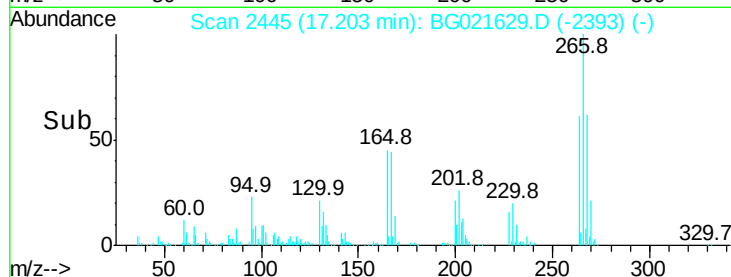
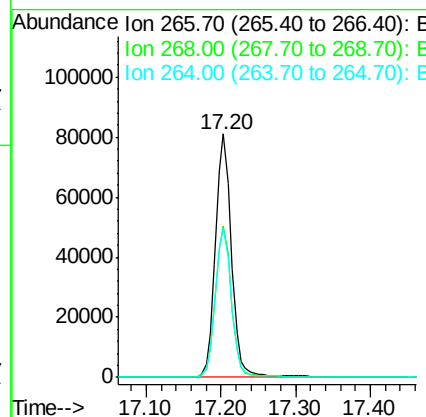
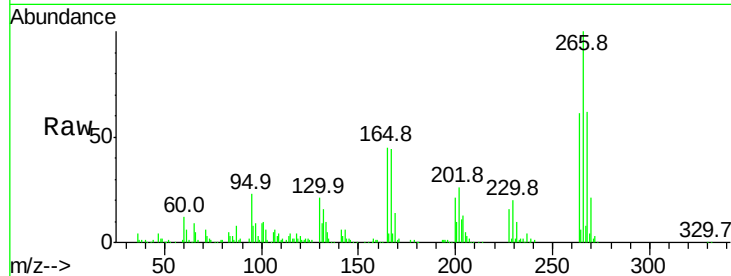
#69
 Pentachlorophenol
 Concen: 90.79 ng
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Instrument :
 BNA_G
 ClientSampled :
 PB89766BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	121052		
268	62.4	54.5	81.7	
264	61.0	53.8	80.6	

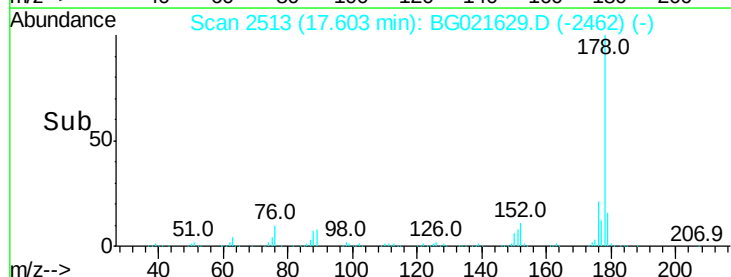
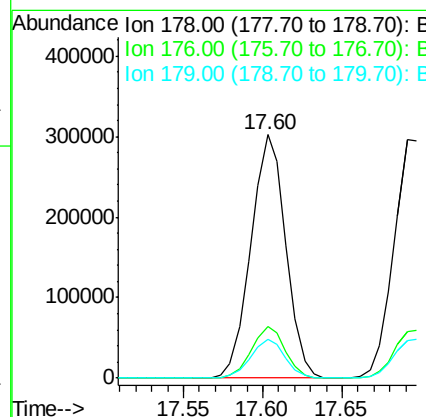
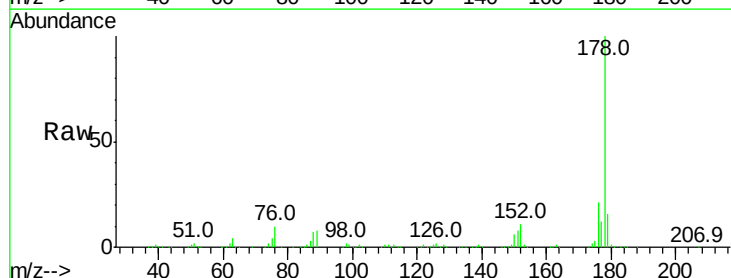
Manual Integrations
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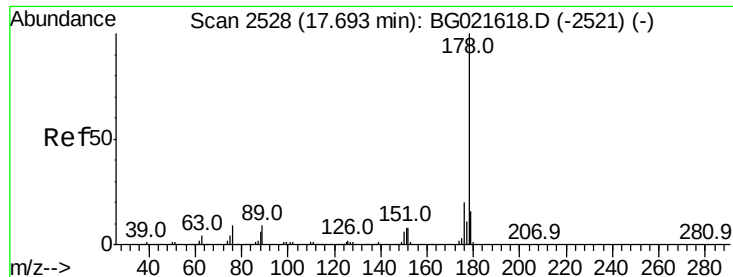
Sohil
 4/14/2016 5:29:37 PM



#70
 Phenanthrene
 Concen: 40.53 ng
 RT: 17.60 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	461190		
176	21.1	16.2	24.4	
179	16.2	12.0	18.0	





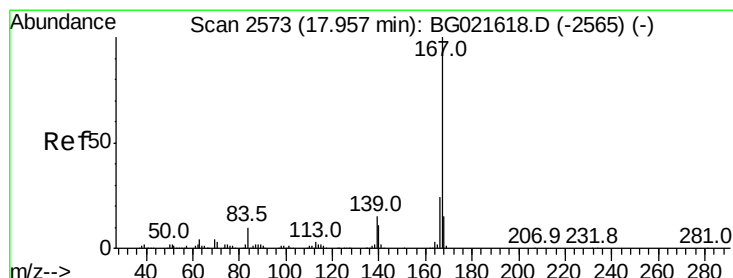
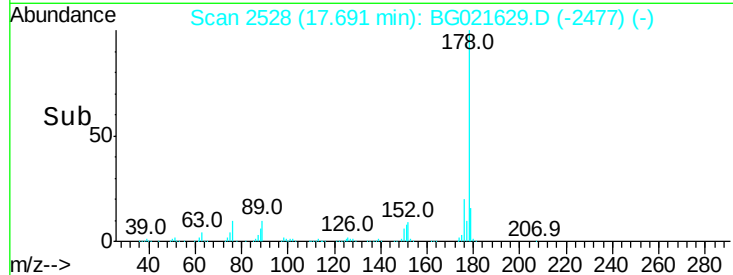
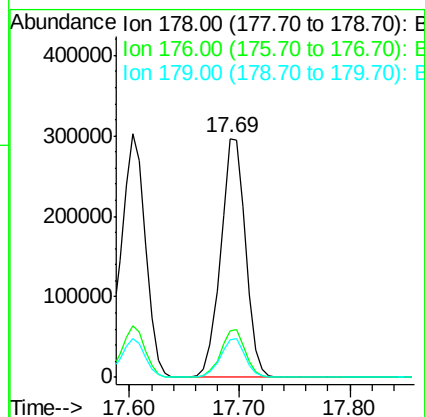
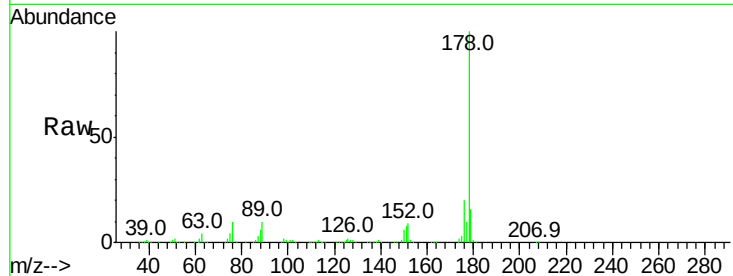
#71
 Anthracene
 Concen: 40.21 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB89766BS

Tot Ion:178	Resp:	464590
Ion Ratio	Lower	Upper
178	100	
176	19.6	15.0 22.4
179	15.9	12.2 18.4

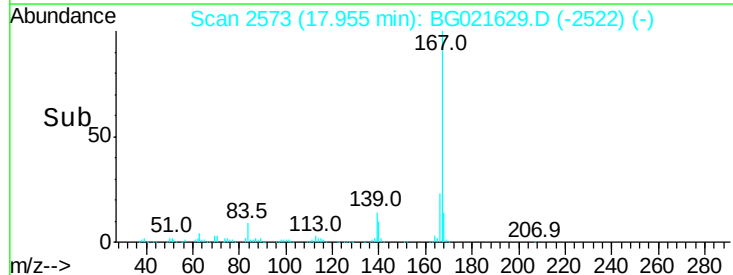
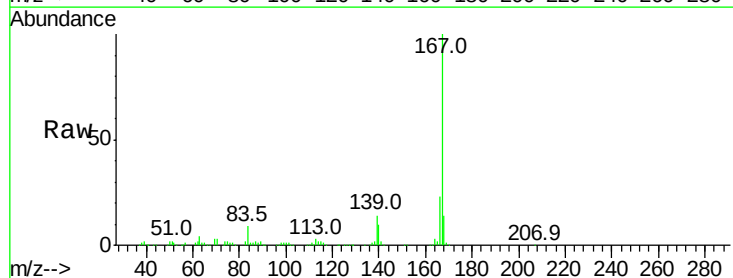
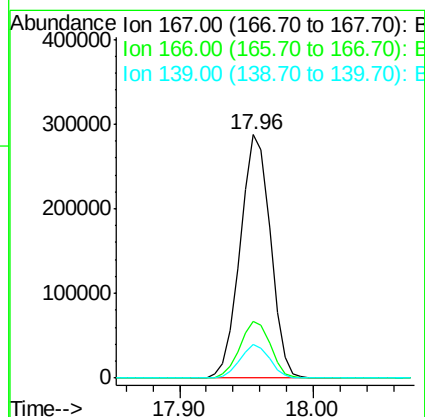
Manual Integrations
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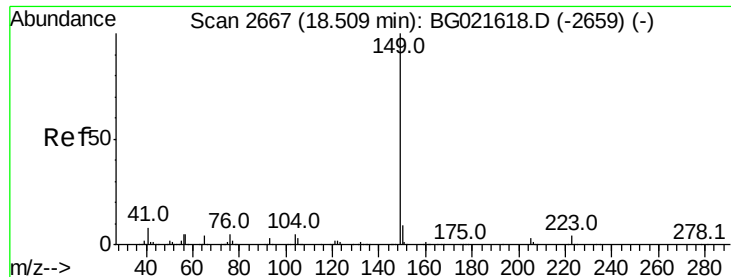
Sohil
 4/14/2016 5:29:37 PM



#72
 Carbazole
 Concen: 41.72 ng
 RT: 17.96 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Tgt Ion:167	Resp:	449880
Ion Ratio	Lower	Upper
167	100	
166	23.1	18.6 27.8
139	14.0	10.6 15.8





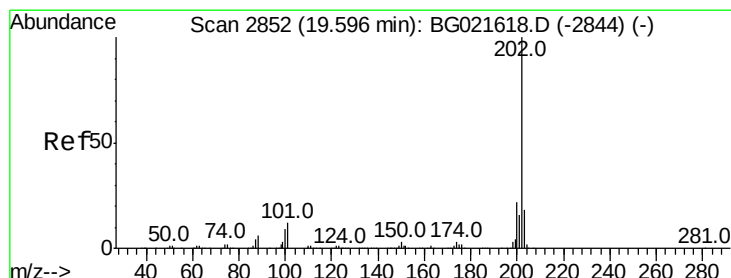
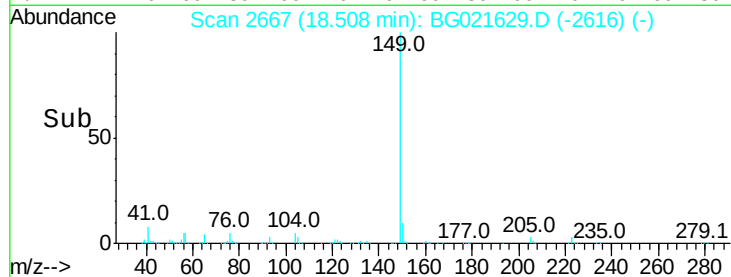
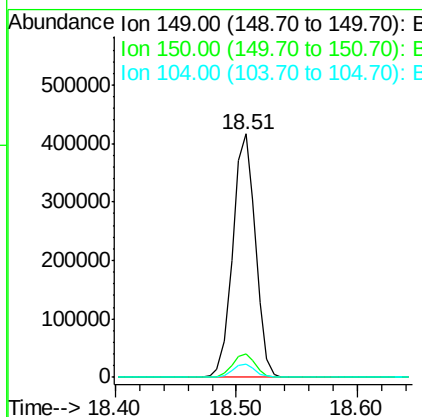
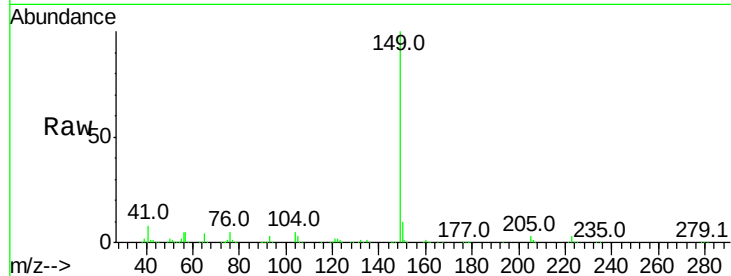
#73
Di-n-butylphthalate
Concen: 39.47 ng
RT: 18.51 min Scan# 2667
Delta R.T. -0.00 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Instrument :
BNA_G
ClientSampleId :
PB89766BS

Tot Ion:	149	Resp:	541384
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.4	11.0
104	5.4	4.0	6.0

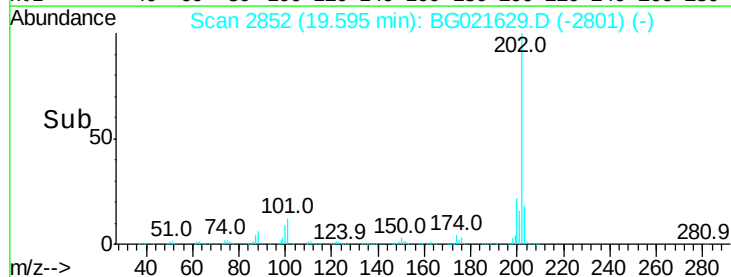
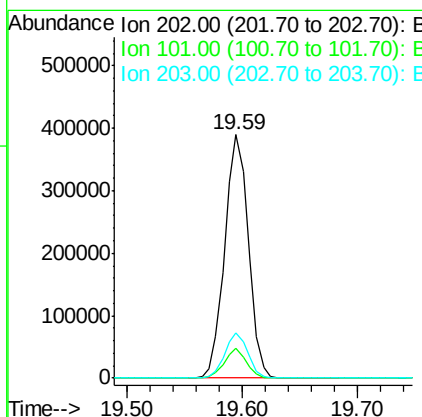
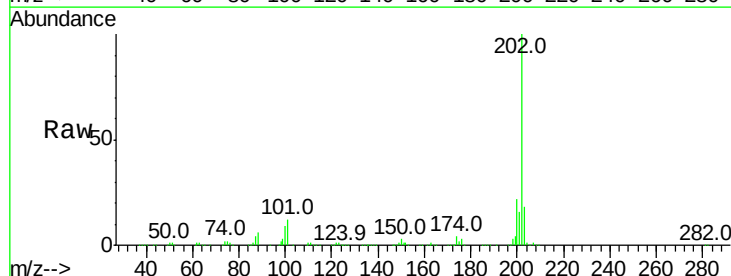
Manual Integrations
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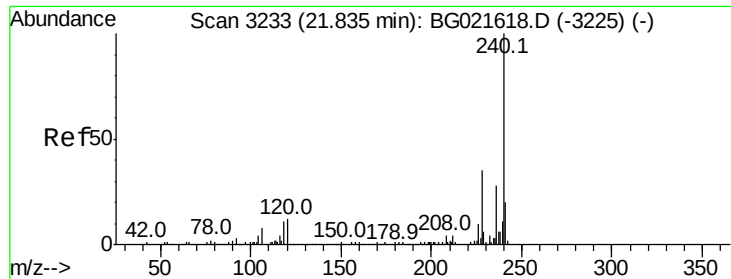
Sohil
4/14/2016 5:29:37 PM



#74
Fluoranthene
Concen: 40.58 ng
RT: 19.59 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Tgt Ion:	202	Resp:	551459
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	31.0
203	18.3	0.0	37.9





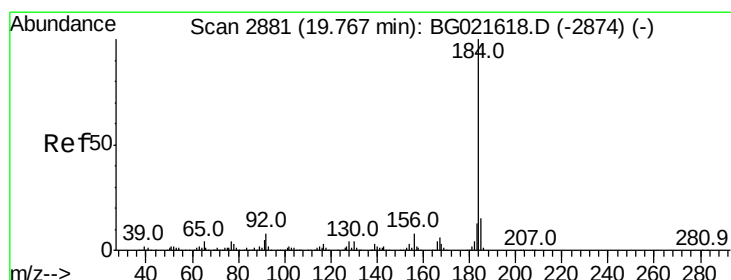
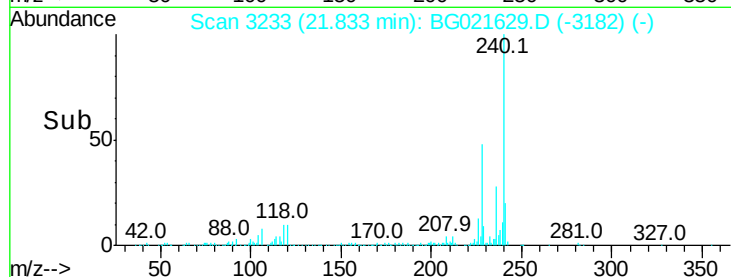
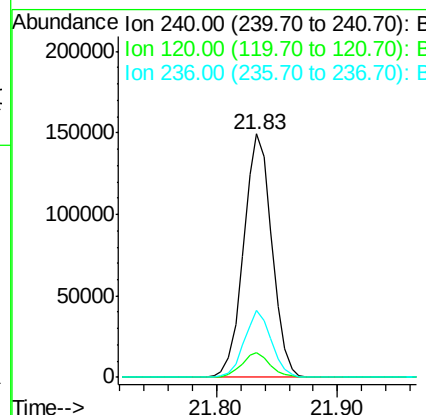
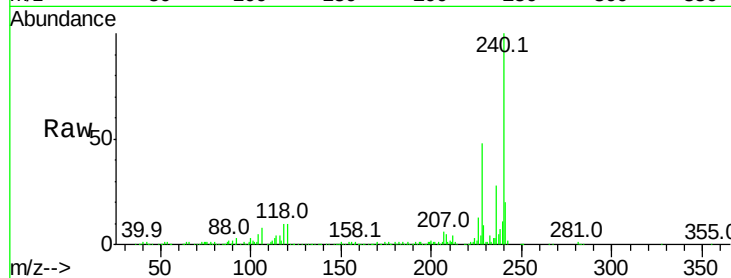
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3233
Delta R.T. -0.00 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Instrument :
BNA_G
ClientSampleId :
PB89766BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	9.9	8.4	12.6		
236	27.5	19.6	29.4		

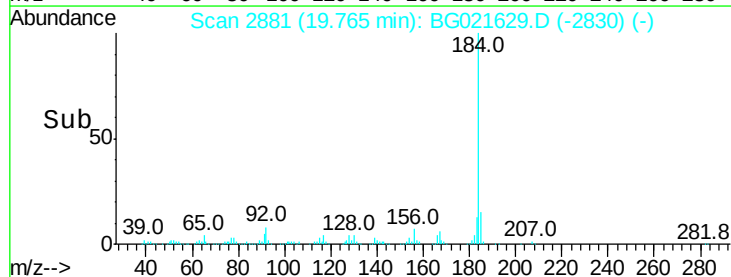
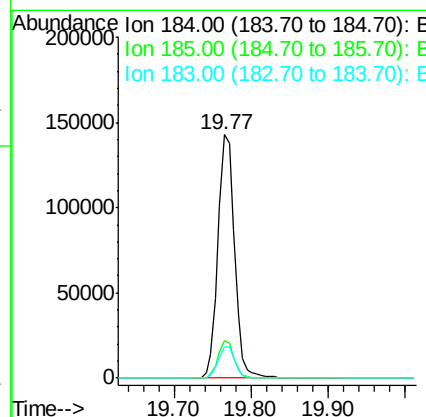
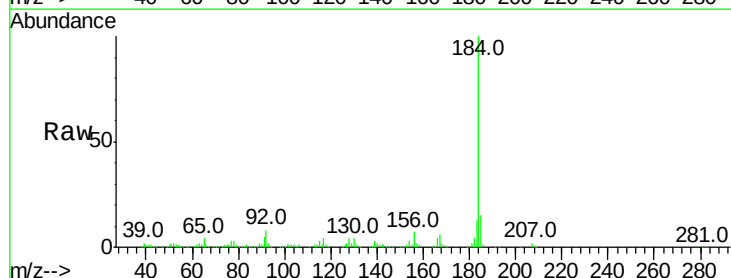
Manual Integrations
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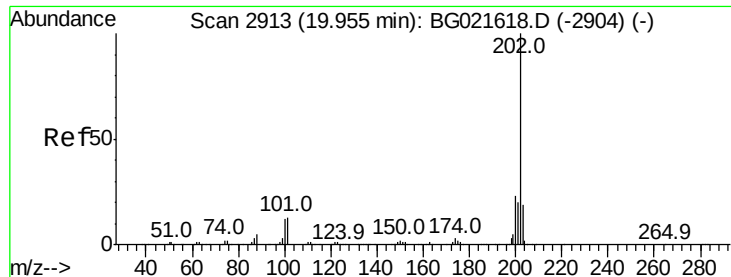
Sohil
4/14/2016 5:29:37 PM



#76
Benzidine
Concen: 28.03 ng
RT: 19.77 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
184	100				
185	15.2	11.5	17.3		
183	13.0	10.2	15.4		





#77

Pvrene

Concen: 40.36 ng

RT: 19.95 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Instrument :

BNA_G

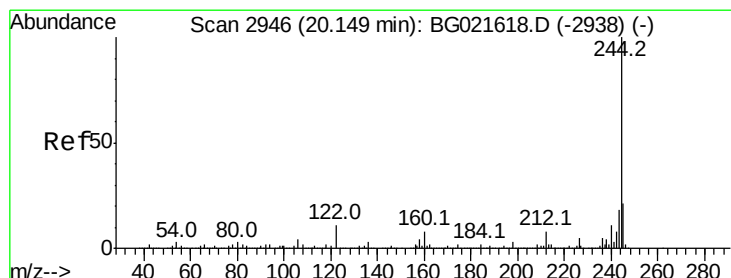
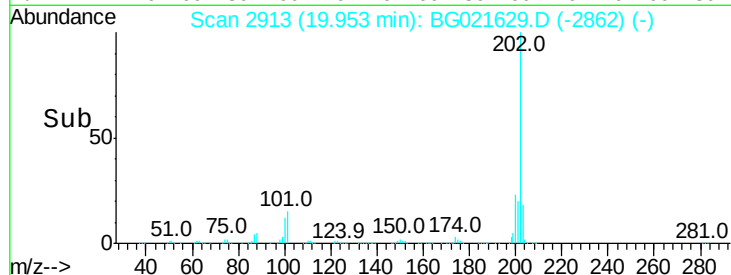
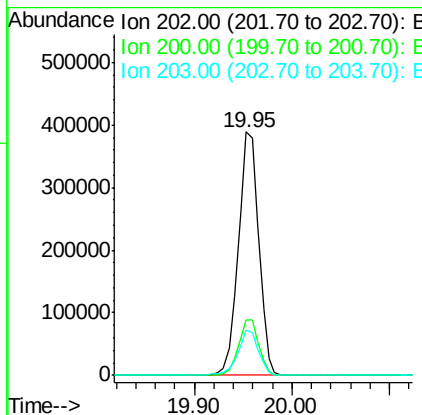
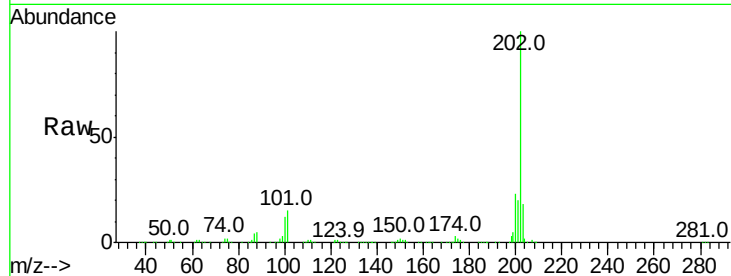
ClientSampleId :

PB89766BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		565911		
200	23.0	18.2	27.2		
203	18.4	15.0	22.4		

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#78

Terphenyl-d14

Concen: 80.50 ng

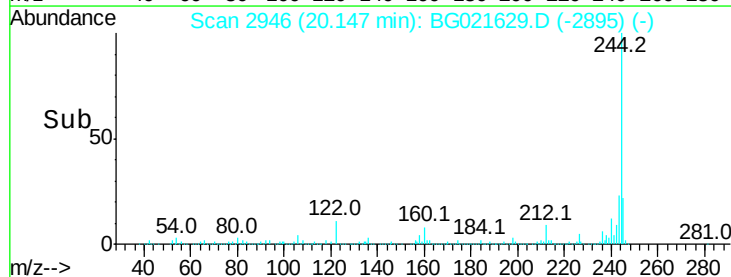
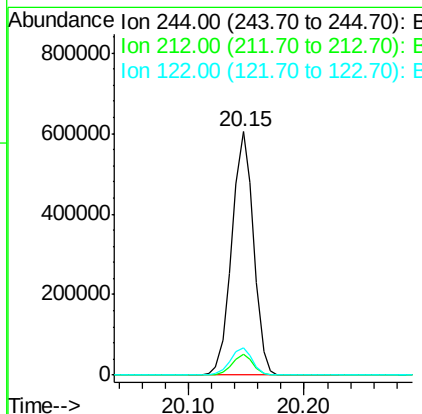
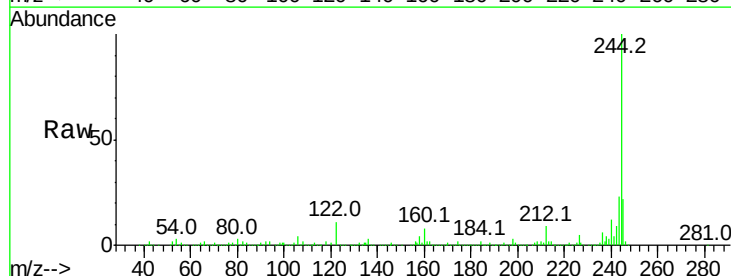
RT: 20.15 min Scan# 2946

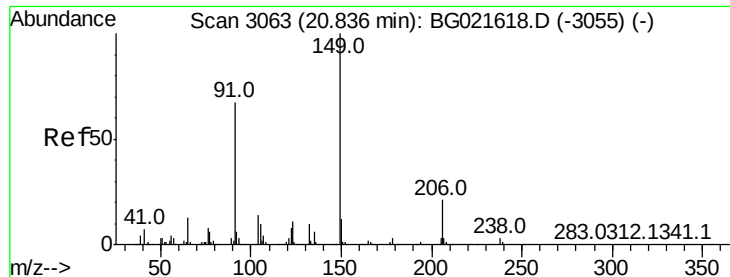
Delta R.T. -0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		784456		
212	8.6	6.5	9.7		
122	11.4	8.6	12.8		





#79

Butylbenzylphthalate

Concen: 39.77 ng

RT: 20.83 min Scan# 3062

Delta R.T. -0.01 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Instrument :

BNA_G

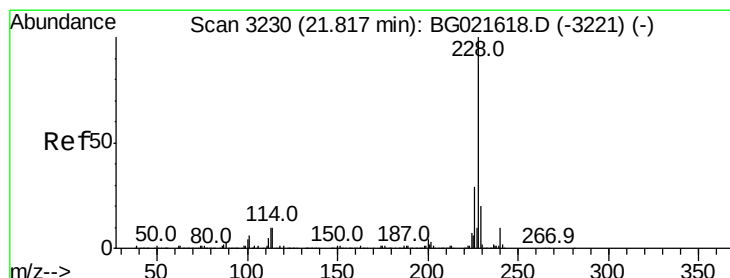
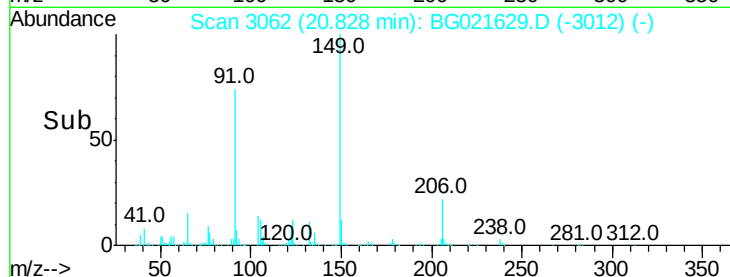
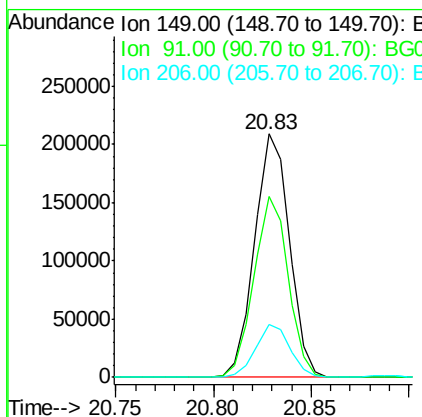
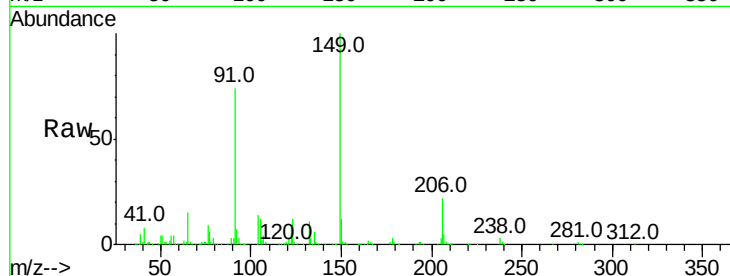
ClientSampleId :

PB89766BS

Tot Ion:	149	Resp:	258841
Ion Ratio	Lower	Upper	
149	100		
91	74.3	57.8	86.8
206	21.5	17.0	25.4

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#80

Benzo(a)anthracene

Concen: 40.44 ng

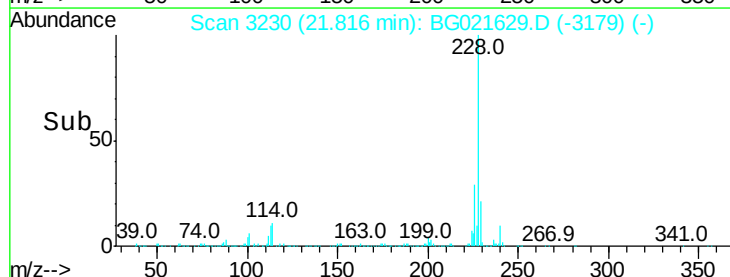
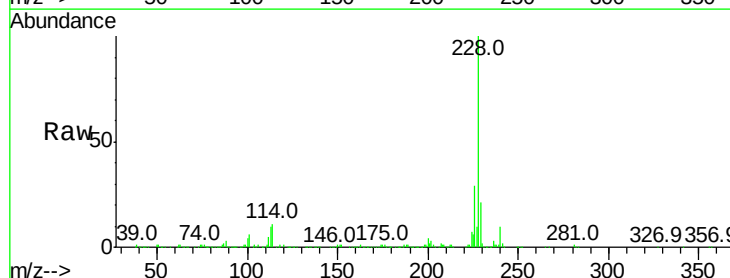
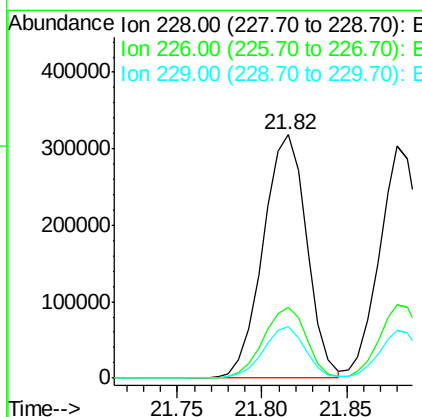
RT: 21.82 min Scan# 3230

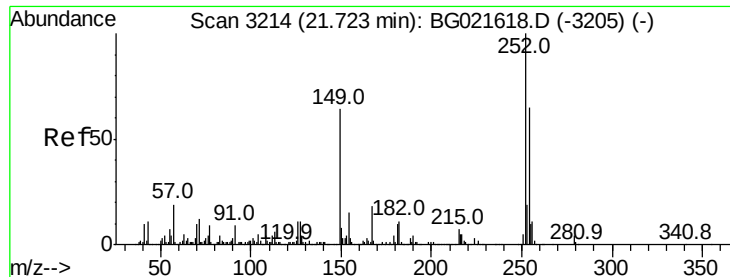
Delta R.T. -0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Tgt Ion:	228	Resp:	565949
Ion Ratio	Lower	Upper	
228	100		
226	29.3	22.6	34.0
229	21.1	16.1	24.1





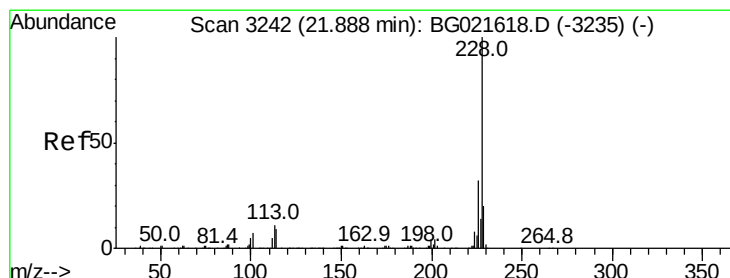
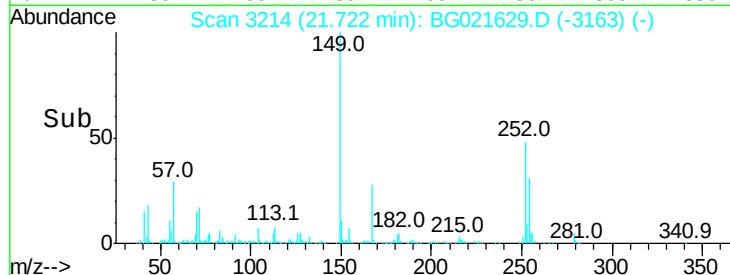
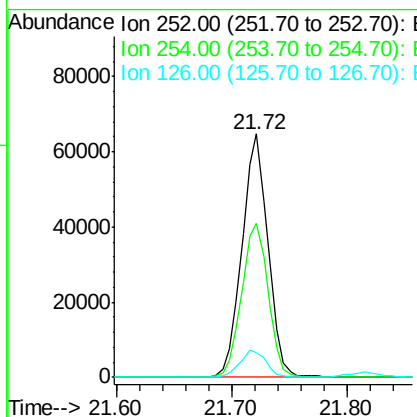
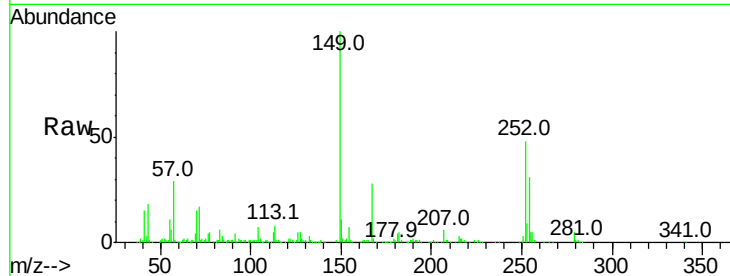
#81
 3,3'-Dichlorobenzidine
 Concen: 9.11 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Instrument :
 BNA_G
 ClientSampled :
 PB89766BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.3	51.8	77.6
126	10.2	8.8	13.2

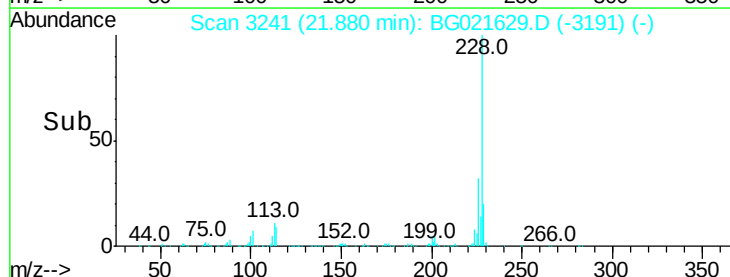
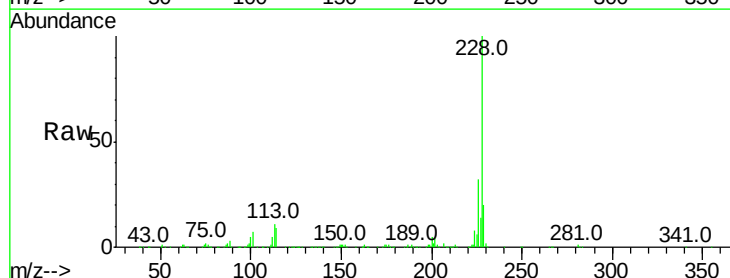
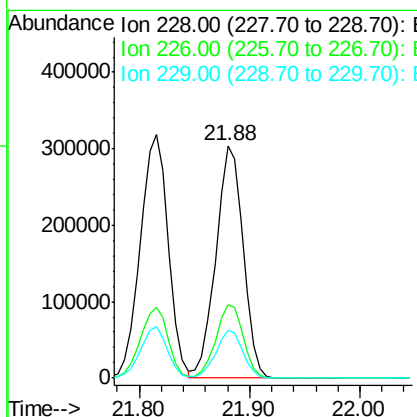
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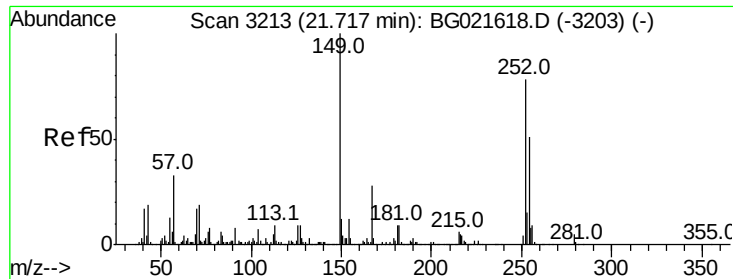
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#82
 Chrysene
 Concen: 38.70 ng
 RT: 21.88 min Scan# 3241
 Delta R.T. -0.01 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.4	15.9	23.9





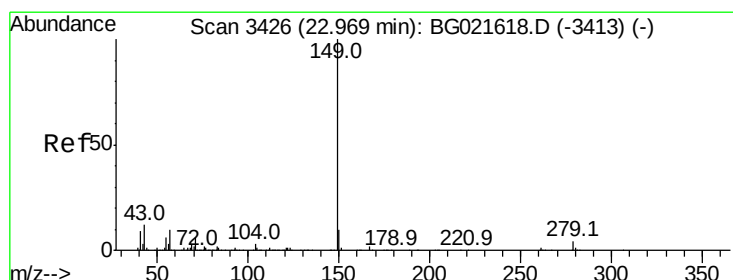
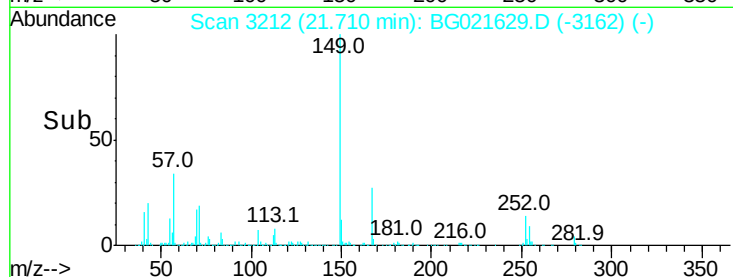
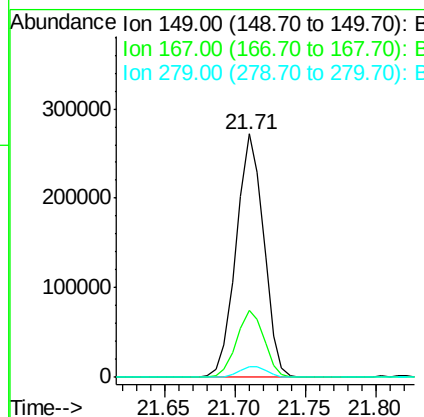
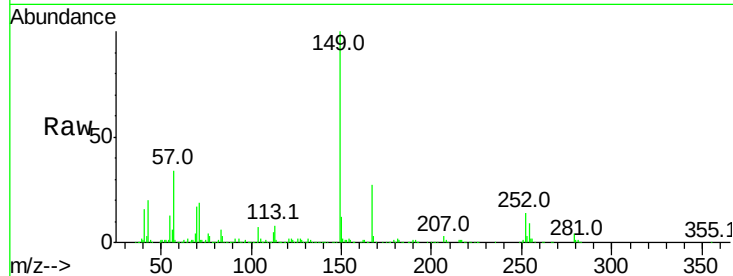
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.89 ng
 RT: 21.71 min Scan# 3212
 Delta R.T. -0.01 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB89766BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	370238		
167	27.4		22.4	33.6
279	4.4		3.2	4.8

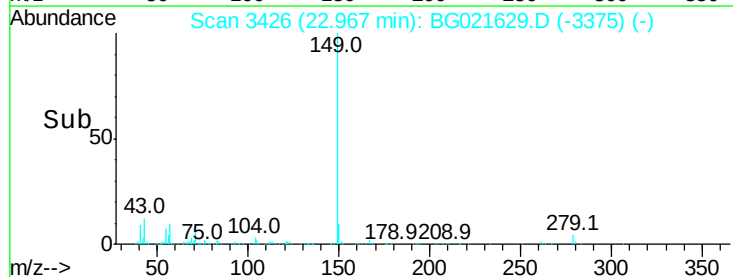
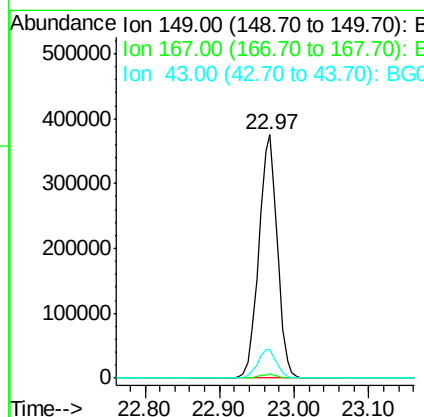
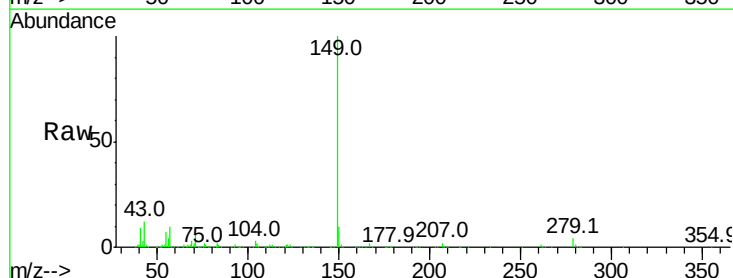
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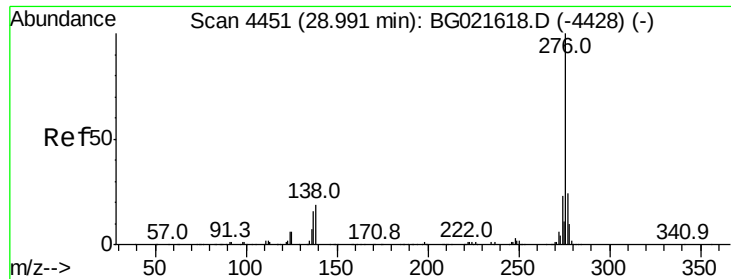
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#84
 Di-n-octyl phthalate
 Concen: 40.53 ng
 RT: 22.97 min Scan# 3426
 Delta R.T. -0.00 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	646288		
167	1.6		1.3	1.9
43	12.0		9.8	14.6





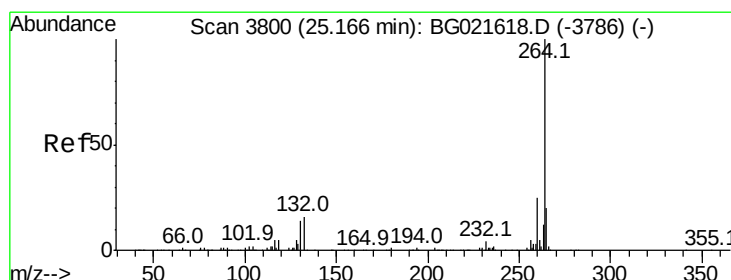
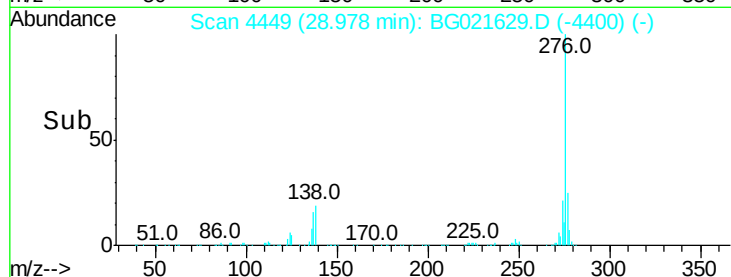
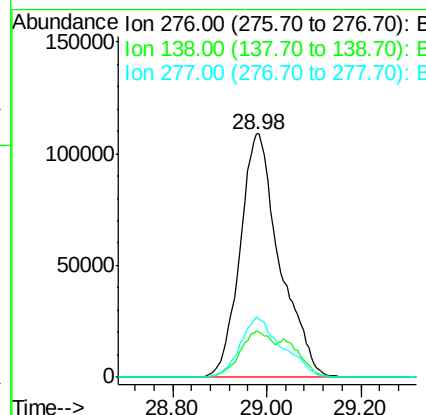
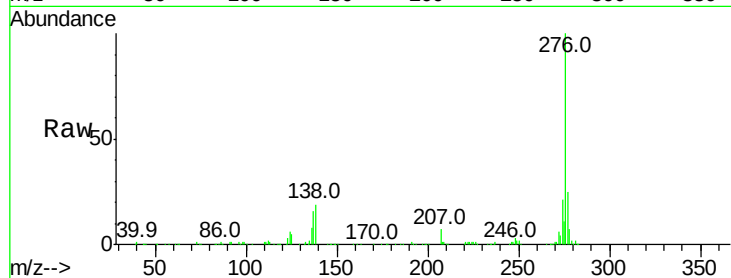
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.76 ng
 RT: 28.98 min Scan# 4449
 Delta R.T. -0.01 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 PB89766BS

Tot Ion:	276	Resp:	635546
Ion Ratio	Lower	Upper	
276	100		
138	15.3	14.0	21.0
277	26.1	20.6	30.8

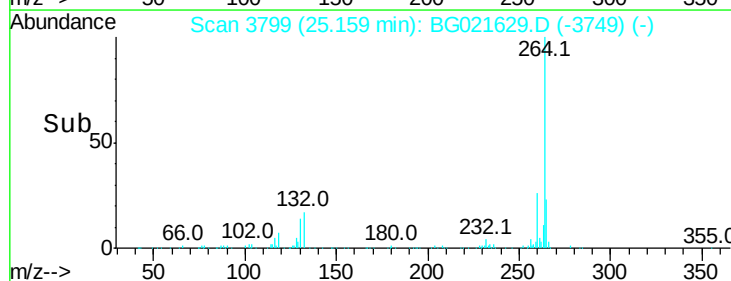
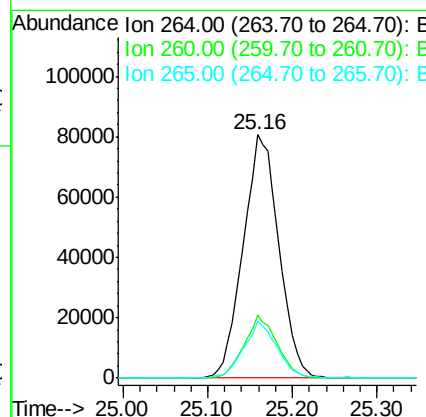
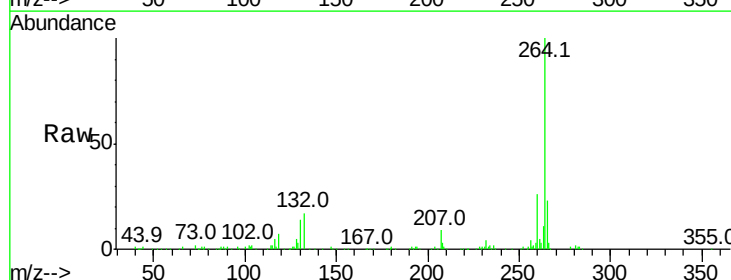
Manual Integrations
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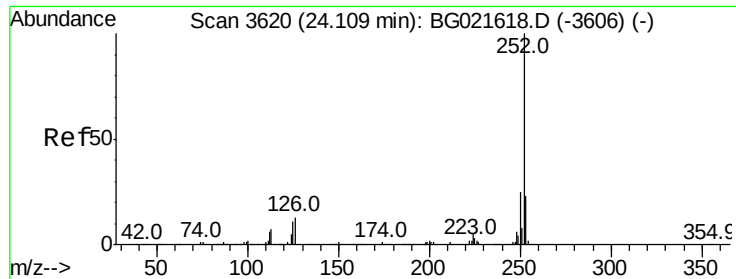
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.16 min Scan# 3799
 Delta R.T. -0.01 min
 Lab File: BG021629.D
 Acq: 13 Apr 2016 20:13

Tgt Ion:	264	Resp:	235798
Ion Ratio	Lower	Upper	
264	100		
260	26.1	20.2	30.4
265	23.3	17.8	26.8





#87

Benzo(b)fluoranthene

Concen: 40.60 ng

RT: 24.10 min Scan# 3619

Delta R.T. -0.01 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Instrument :

BNA_G

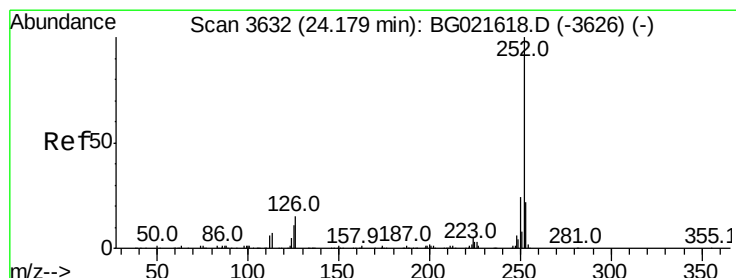
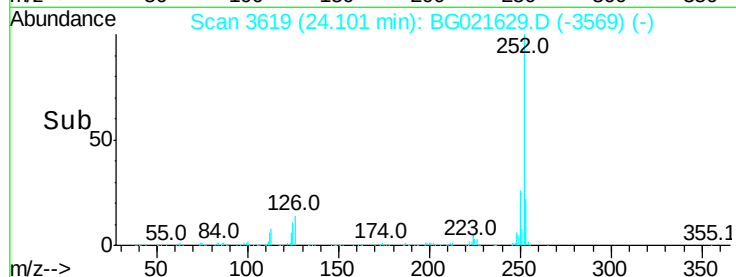
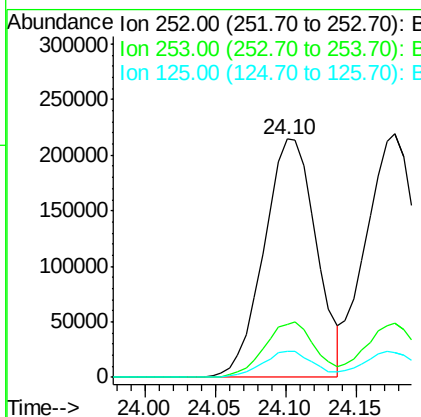
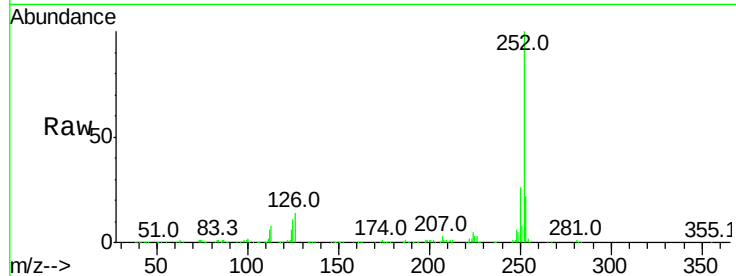
ClientSampleId :

PB89766BS

Tot Ion:	252	Resp:	555483
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.5	26.3
125	10.8	8.6	13.0

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#88

Benzo(k)fluoranthene

Concen: 40.97 ng

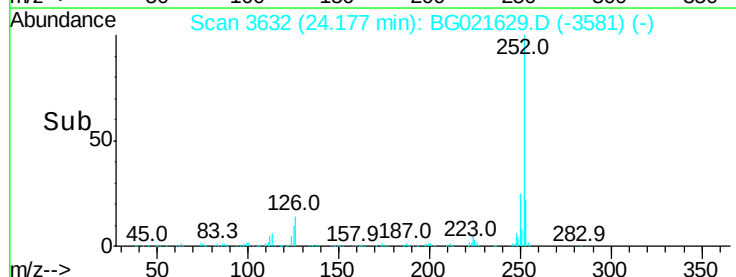
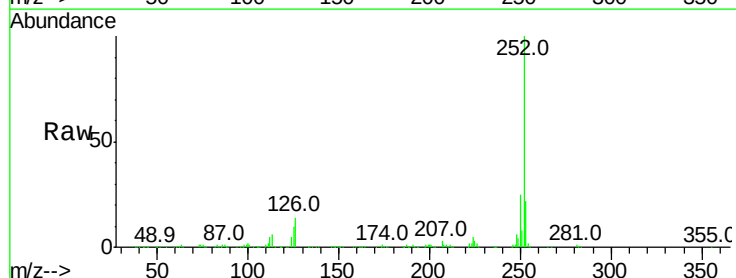
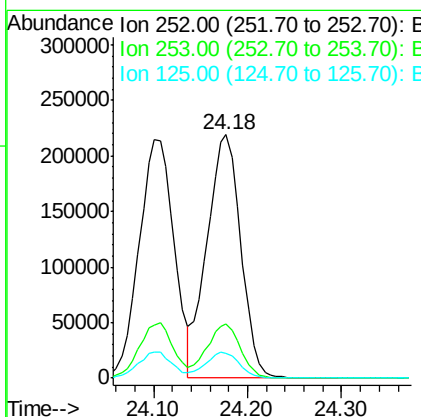
RT: 24.18 min Scan# 3632

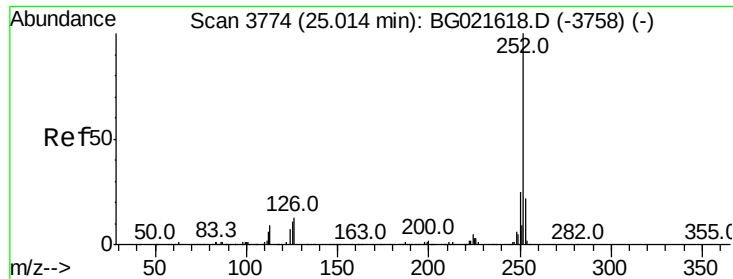
Delta R.T. -0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Tgt Ion:	252	Resp:	548081
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.8
125	10.2	8.3	12.5





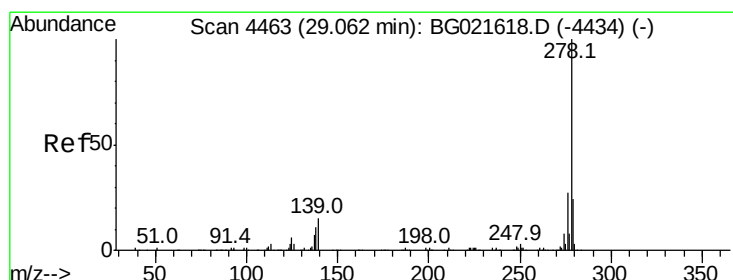
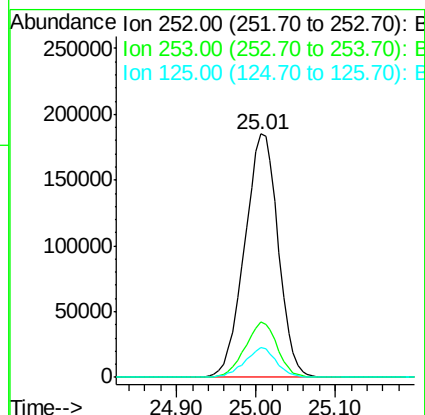
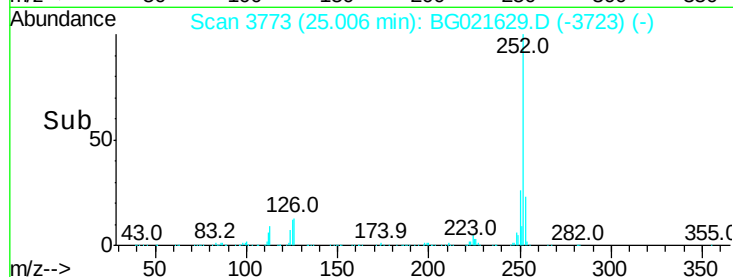
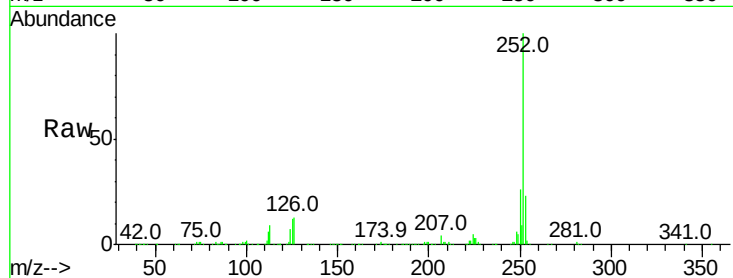
#89
Benzo(a)pyrene
Concen: 41.08 ng
RT: 25.01 min Scan# 3773
Delta R.T. -0.01 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Instrument :
BNA_G
ClientSampleId :
PB89766BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	12.0	9.6	14.4

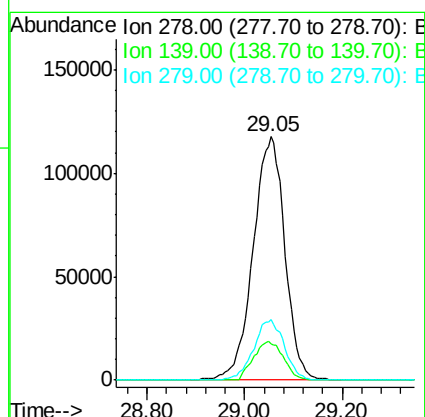
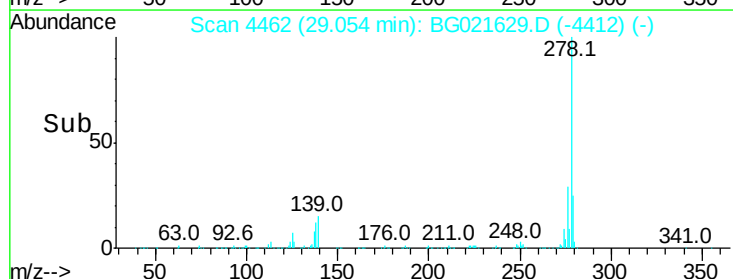
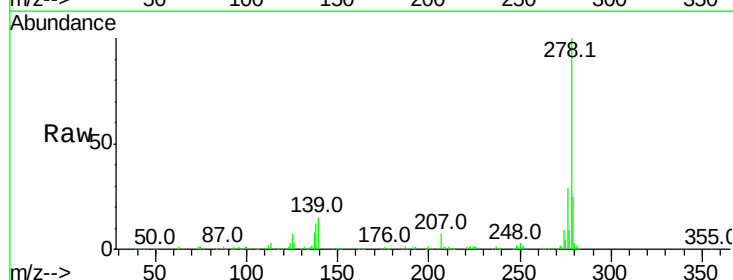
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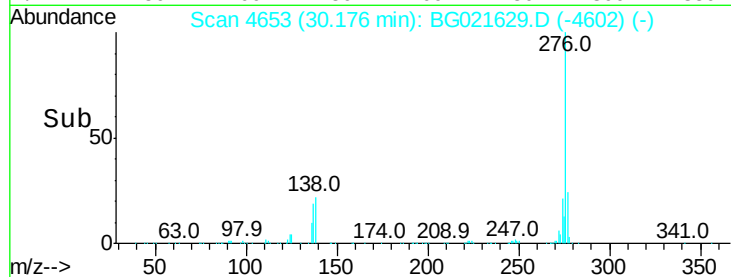
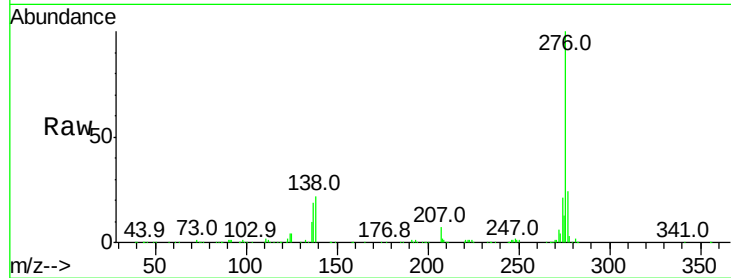
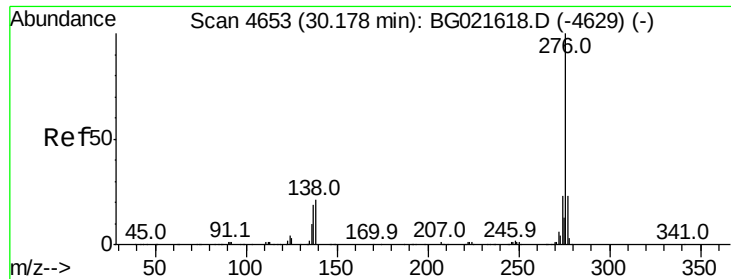
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#90
Dibenzo(a,h)anthracene
Concen: 40.02 ng
RT: 29.05 min Scan# 4462
Delta R.T. -0.01 min
Lab File: BG021629.D
Acq: 13 Apr 2016 20:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.9	17.9
279	24.9	18.2	27.2





#91

Benzo(a,h,i)perylene

Concen: 40.58 ng

RT: 30.18 min Scan# 4653

Delta R.T. -0.00 min

Lab File: BG021629.D

Acq: 13 Apr 2016 20:13

Instrument :

BNA_G

ClientSampleId :

PB89766BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.6	19.4	29.2	
138	21.8	17.4	26.0	

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